

Top Secret



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

PHOTOGRAPHIC
EXPLOITATION
PRODUCTS

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(See inside cover)

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**VOL. 3 OF 4 VOLUMES
ANNUAL INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
JANUARY-DECEMBER 1977**



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PHOTOGRAPHIC EXPLOITATION PRODUCTS

**ANNUAL INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
JANUARY-DECEMBER 1977**

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INTRODUCTION

The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Air Force, Central Intelligence Agency, Defense Intelligence Agency, and foreign governments, as well as those produced by NPIC. At the request of COMIREX/NIDBWG, this publication is compiled and published monthly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to NPIC/PSG/RSD/IB.

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GUIDE TO USERS

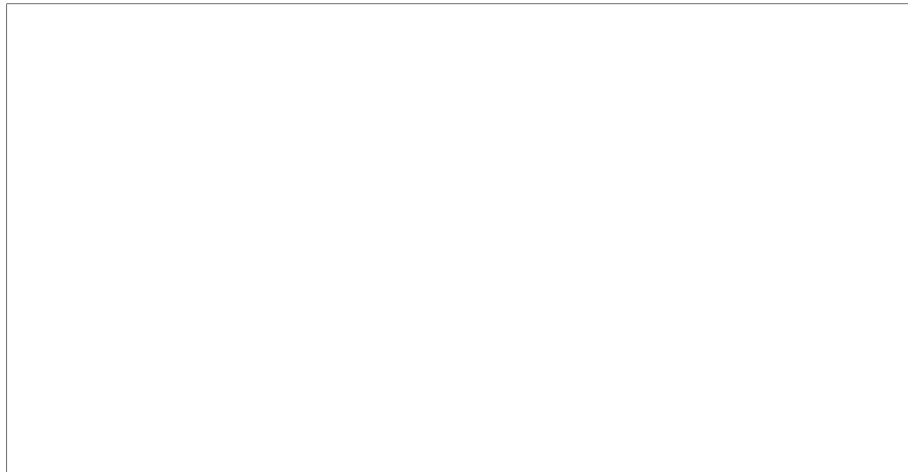
The PEP consists of six indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- Geographic coordinate sequence. (Geographic coordinates area listed where a single area is involved.)

- WAC/BE number sequence.
- Accession number sequence.

The accession number sequence may be referred to for complete information on each document, including edited abstracts. An asterisk at the end of an abstract indicates the abstract was prepared by the Reports Analysis Section. Selected information is contained in the other sequences. The accession number should be used when requesting microfiche copies of documents.

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ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

ARA	- All Source Research Aid	IRA	- Imagery Research Aid
BIBLO	- Bibliography	IRP	- Imagery Research Paper
BIIB	- Basic Imagery Interpretation Brief	LOT	- Letter of Transmittal
BIIR	- Basic Imagery Interpretation Report	MCS	- Mission Coverage Statistics
BRAD	- Briefing Aid (Only microfiche copies are available.)	MEMO	- Memorandum
BREF	- Photographic Interpretation Brief	MIPIR	- Multi-mission Imagery Interpretation Report
[redacted]		MODL	- Model Announcement
DPIR	- Detailed Photographic Interpretation Report	NAIR	- New Applications of Imagery Report
DSIIB	- Direct Support Photographic Interpretation Brief	NBRG	- National Basic Reference Graphic
DSIIR	- Direct Support Photographic Interpretation Report	NEDR	- Detailed Photographic Interpretation Report (Near East)
ENDR	- Engineering Drawing	NEGR	- General Photographic Interpretation Report (Near East)
FEDR	- Detailed Photographic Interpretation Report (Far East)	NEIR	- Initial Photographic Interpretation Report (Near East)
FEGR	- General Photographic Interpretation Report (Far East)	NESR	- Special Photographic Interpretation Report (Near East)
FESR	- Special Photographic Interpretation Report (Far East)	NEWS	- Technical Newsletter
IIM	- Imagery Interpretation Memorandum	NOTE	- Photographic Interpretation Note
IIR	- Imagery Information Report	OAK	- Initial Mission Readout
INFR	- Inter-office Memorandum	PAR	- Photographic Analysis Report
IPIR	- Initial Photographic Interpretation Report	PIN	- Photographic Interpretation Note
		PIR	- Photographic Interpretation Report

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ABBREVIATIONS AND NUMERIC CODES (Continued)

REPORT TYPES (Continued)

REPT - Photographic Interpretation Report

SPIR - Special Photographic Intelligence Report

SR - Summary Report

STDY - Study

SUPR - Supplemental Photographic Intelligence Report

TP - Technical Publication

[redacted]

07 - CONFIDENTIAL

08 - CONFIDENTIAL/[redacted]

10 - TOP SECRET CHESS

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SECURITY CLASSIFICATION

00 - UNCLASSIFIED

01 - TOP SECRET

02 - TOP SECRET/[redacted]

04 - SECRET

05 - SECRET/[redacted]

20 - TOP SECRET/[redacted]

21 - TOP SECRET/[redacted]

22 - TOP SECRET CHESS/[redacted]

23 - TOP SECRET CHESS/[redacted]

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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY
AF - AIR FORCE
ARMY - ARMY

[redacted]

CIA - CENTRAL INTELLIGENCE AGENCY
DIA - DEFENSE INTELLIGENCE AGENCY
GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE
COMMITTEE

[redacted]

JOINT - JOINT (2 or more USIB members participating)
NATO - NORTH ATLANTIC TREATY ORGANIZATION

NAVY - NAVY
NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER
NSA - NATIONAL SECURITY AGENCY
NTPC - NATIONAL TECHNICAL PROCESSING CENTER

[redacted]

SAC - SAC (544th RTS)
SAC-1 - SAC-1 (8th RTS)
SAC-2 - SAC-2 (3921 ST RTS)
SAC-C - SAC-C (15th RTS)
STL - SPACE TECHNOLOGY LABORATORY

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USIB - UNITED STATES INTELLIGENCE BOARD

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EPF SUBJECT CATEGORIES

05 - AIR ACTIVITY

Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.

10 - GENERAL ACTIVITY

Complex studies, unidentified installations/equipment, and terrain or analyses, agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.

30 - INDUSTRIAL ACTIVITY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)

35 - MILITARY ACTIVITY

Ground force installations/equipment, production, testing, research, and repair.

40 - MISSILE & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

Mining, production research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

Submarine bases, naval bases and air stations, shipyards, research, and equipment.

80 - STORAGE ACTIVITY (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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PART V

Listing of Reports by WAC/BE Number

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AIRCRAFT, KASP A ENGINE			UR	S078623
AIRCRAFT, KASP A/D-30 ENGINE COMPARISON			UR	S078617
AIRCRAFT, KASP A			UR	S079627
AIRCRAFT, KASP A			UR	S079490
AIRCRAFT, KASP A			UR	S079351
AIRCRAFT, KASP A ENGINE D-30 TURBOFAN POSS			UR	S081013
AIRCRAFT, CHECH A			UR	S079486
AIRCRAFT, CHECH A			UR	S081634
AIRCRAFT, CHECH B			UR	S079485
AIRCRAFT, FISHBED H MIG-21 SHIPPING CONTS			UR	S080126
AIRCRAFT, FISHBED FUSELAGE SHPG CONT TYPE D			UR	S079909
MISSILES, SA-N-4 SHIPPING CONTAINER			UR	
AIRCRAFT, HIND A MI-24 FUSELAGE SHPG CONT			UR	
AIRCRAFT, HIND MI-24 FUSELAGE SHPG CONT MODIF			UR	
AIRCRAFT, HOODLUM FUSELAGE SHPG CONT MODIF			UR	
AIRCRAFT, FLOGGER MIG-23 COMPONENT SHPG CONT			UR	
AIRCRAFT, FLOGGER FUSELAGE SHPG CONT TYPE B			UR	
AIRCRAFT, FLOGGER FUSELAGE SHPG CONT TYPE A			UR	
AIRCRAFT, FLOGGER FUSELAGE SHPG CONT TYPE C			UR	
AIRCRAFT, SHIPPING CONTAINER PROB U/I			UR	
MISSILES, AA-7 SHIPPING CONTAINERS PROB			UR	S078806
MISSILES, AA-7 SHIPPING CONTAINER			UR	S079909
MISSILES, AA-7 WING SHIPPING CONTAINER			UR	
MISSILES, AS-9 SHIPPING CONTAINER			UR	S078127
MISSILES, AS-9 SHIPPING CONTAINER			UR	S079909
AIRCRAFT, FLOGGER WING FUEL TANK SHPG CONT			UR	
AIRCRAFT, FLOGGER VENTRAL FUEL TANK SHPG CONT			UR	
AIRCRAFT, D-30K AIRCRAFT ENGINE SHPG CONT			UR	
MISSILES, SA-8 SHIPPING CONTAINER			UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AIRCRAFT, NK-8 AIRCRAFT ENGINE SHIPPING CONT			UR	
AIRCRAFT, D-25 HELICOPTER ENGINE SHPG CONT			UR	
AIRCRAFT, TV-2-117A HELICOPTER ENG SHPG CONT			UR	
MISSILES, SS-N-14 SHIPPING CONTAINER			UR	
MISSILES, AS-7 SHIPPING CONTAINER			UR	
AIRCRAFT, FENCER A WING FUEL TANK SHPG CONT			UR	
AIRCRAFT, D-36 AIRCRAFT ENGINE SHPG CONT PROB			UR	
AIRCRAFT, NK-144 AIRCRAFT ENG SHPG CONT PROB			UR	
ELECTRONICS, TUB BRICK ECM ANTENNA			UR	S081637
ELECTRONICS, THIN SKIN A RADAR MODIFICATIONS			UR	S080829
ELECTRONICS, HEN HOUSE ABM RADAR TOWER CONST			UR	S080360
ELECTRONICS, BEER CAN RADAR UPPER FEED SYSTEM			UR	S078459
ELECTRONICS, SQUARE PAIR RADAR/LASER DEVICE			UR	S080893
ELECTRONICS, STRAIGHT FLUSH TRKG/GDNC RADAR			UR	S081054
ELECTRONICS, ODD LOT/ODD LOT VARIANT RADARS			CH	S078653
ELECTRONICS, ODD LOT RADAR/VARIANT			CH	S081049
ELECTRONICS, THIN PATH ILS LOCALIZER MODIF			CZ	S079497
ELECTRONICS, SUUJI E RADAR			CH	S079723
ELECTRONICS, PALM FROND RADAR KRESTA 1 CL MTD			UR	S079766
ELECTRONICS, BR M-1975 BATTLEFIELD RADAR			UR	S079574
ELECTRONICS, TRAP DOOR RADAR KIEV CL CVSG MTD			UR	S079754
ELECTRONICS, TRAP DOOR RADAR KIEV CL CVSG MTD			UR	S080890
ELECTRONICS, PEEL CONE RADAR NAVAL			UR	S080073
ELECTRONICS, VIEWPOINT ECM/INTERCEPT SYSTEM			UR	S081717
ELECTRONICS, R-100 RADIO VAN TALL RODS ASSOC			UR	S079575

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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ELECTRONICS, PERT SPRING RADOME NAVSAT ASSOC			UR	S079766
ELECTRONICS, COMSAT ANTENNA 15-METER			CH	S078835
ELECTRONICS, MARS COMSAT TML TRANSPORTABLE			UR	S080573
AIRCRAFT, FOXBAT A MIG-25			UR	S079701
AIRCRAFT, FOXBAT A MIG-25			UR	S079700
AIRCRAFT, FOXBAT A MIG-25			UR	S079699
AIRCRAFT, FOXBAT A MIG-25			UR	S080512
AIRCRAFT, FLOGGER MIG-23			UR	S078278
AIRCRAFT, BEAR C MISSILE ARMED POSS			UR	S078254
AIRCRAFT, BEAR C TU-95 AS-6 ARMED POSS			UR	S079477
AIRCRAFT, BLINDER C TU-22 WING CAMBER			UR	S079650
AIRCRAFT, BLINDER C TU-22			UR	S081071
AIRCRAFT, HOOK MI-6 MODIFIED			UR	S080487
AIRCRAFT, HOUND MI-4 WINGS/ASSOCIATED STORES			UR	S080790
AIRCRAFT, HIP C MODIFIED MI-8 WINGED			UR	S079980
AIRCRAFT, HIP E MI-8 ARMAMENT CONFIG NEW			UR	S081480
AIRCRAFT, CLASSIC IL-62 DORSAL SPINE ANTENNA			UR	S080246
AIRCRAFT, CLASSIC IL-62 FUSELAGE RAISED AREA			UR	S080908
AIRCRAFT, CLASSIC IL-62 MODIFICATIONS			UR	S082050
AIRCRAFT, CHARGER B/BACKFIRE B ENGINE COMP			UR	S079656
AIRCRAFT, CRUSTY TU-134 DORSAL SPINE ANTENNA			UR	S080246

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AIRCRAFT, CRUSTY TU-134 ANTENNA ANALYSIS			UR	S081030
AIRCRAFT, COOT IL-18 MODIFIED			UR	S080827
AIRCRAFT, RAM E MODIFIED			UR	S081083
AIRCRAFT, HSIAN A ARMAMENT POSITIONS			CH	S081718
AIRCRAFT, HSIAN A DIMENSIONS			CH	S081527
AIRCRAFT, FENCER SU-19 REFUELING PROBE POSS			UR	S079017
AIRCRAFT, FENCER MODIFIED			UR	S080442
AIRCRAFT, FORGER YAK-36			UR	S078603
AIRCRAFT, FORGER A YAK-36			UR	S079698
AIRCRAFT, FORGER A YAK-36			UR	S080072
AIRCRAFT, FORGER A YAK-36			UR	S080572
AIRCRAFT, BADGER G TU-16 NOSE DEVICE			UR	S079674
AIRCRAFT, BADGER G TU-16 AS-5/AS-6 ARMED			UR	S079977
AIRCRAFT, CLASSIC MOD IL-62 ANTENNA ANALYSIS			UR	S081030
AIRCRAFT, BEAR F TU-95 VARIANT			UR	S081870
AIRCRAFT, HIND MI-24 VARIANTS DEVELOPMENTS			UR	S078847
AIRCRAFT, HIND A MI-24			UR	S078582
AIRCRAFT, HIND D MI-24			UR	S079717
AIRCRAFT, HIND D MI-24			UR	S080471
AIRCRAFT, HIND A/D MI-24 WING PODS/STORES U/I			UR	S080276
AIRCRAFT, RAM H			UR	S078530
AIRCRAFT, RAM H			UR	S079658

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AIRCRAFT, CANDID IL-76 TAIL GUN			UR	S078280
AIRCRAFT, CANDID IL-76 MODIFIED TAIL CONE			UR	S080050
AIRCRAFT, CANDID IL-76 MODIFIED			UR	S081779
AIRCRAFT, CANDID IL-76 MODIFIED			UR	S081441
AIRCRAFT, FLOGGER B MIG-23 LAUNCH RAIL NEW			UR	S078277
AIRCRAFT, FLOGGER B MIG-23 DIMENSIONS			UR	S081031
AIRCRAFT, FLOGGER B MIG-23 U/I RAILS			UR	S081515
AIRCRAFT, TAG A			UR	S081628
AIRCRAFT, HARB A			CH	S079011
AIRCRAFT, FLAGON E SU-15			UR	S080509
AIRCRAFT, FLAGON E/F SU-15 WING GEOMETRY			UR	S081639
AIRCRAFT, FISHBED L MIG-21 LAUNCH RAIL U/I			UR	S079669
AIRCRAFT, BACKFIRE B FLAP ANALYSIS			UR	S078541
AIRCRAFT, BACKFIRE B ENGINE			UR	S079668
AIRCRAFT, BACKFIRE B/CHARGER B ENGINE COMP			UR	S079656
AIRCRAFT, BACKFIRE B BULLET-SHAPED FAIRINGS			UR	S079746
AIRCRAFT, BACKFIRE B RADAR/ELCT CHECKOUT			UR	S080468
AIRCRAFT, BACKFIRE B			UR	S080824
AIRCRAFT, BACKFIRE B			UR	S081646
AIRCRAFT, RAM J			UR	S078137
AIRCRAFT, FITTER C AS-7 LAUNCHER ARMED			UR	S080385
AIRCRAFT, KIYEV A			UR	S078639

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AIRCRAFT, HAZE MI-14 DEVELOPMENTS			UR	S078847
AIRCRAFT, FOXBAT D MIG-25 DI-ELECTRIC PANELS			UR	S078839
AIRCRAFT, FOXBAT D MIG-25 NOSE SECTION			UR	S081640
AIRCRAFT, CLOBBER A YAK-42 VARIANT			UR	S081095
AIRCRAFT, FLOGGER D MIG-23 MULTI-BOMB RACK			UR	S079671
AIRCRAFT, FLOGGER D MIG-23 PORT WING POD			UR	S081055
MILITARY, TYPE-63-1 107MM ROCKET LAUNCHER			CH	S078860
MILITARY, TYPE-59-1 130MM GUN			CH	
MILITARY, T-64/67 MEDIUM TANK			UR	S080895
MILITARY, BM-14/17 140MM ROCKET LAUNCHER			CH	S078860
MILITARY, BM-14/17 140MM RKT LNCHR GAZ-63 MTD			UR	S079494
MILITARY, BMD-20 200MM RKT LNCHR ZIL-151 MTD			UR	
MILITARY, BM-24 240MM RKT LNCHR ZIL-151 MTD			UR	
MILITARY, BTR-50PU/BMP M-1976 ANT MAST COMP			UR	S078840
MILITARY, BM-21 122MM RKT LNCHR URAL-375 MTD			UR	S079494
MILITARY, BM-13 132MM ROCKET LAUNCHER			CH	S078860
MILITARY, BM-13 132MM RKT LNCHR ZIL-151 MTD			UR	S079494
MILITARY, M-1970 MEDIUM TANK			UR	S080895
MILITARY, UAZ-469 UTILITY TRUCK			UR	S080182
MISSILES, SA-8 TRANSPORTER-ERECTOR-LAUNCHER			UR	S079769
MISSILES, SA-8 TRANSPORTER-ERECTOR-LAUNCHER			UR	S080518
MILITARY, M-1967 APC			CH	S078654
NUCLEAR, SS-9/SS-18 WARHEAD TRANS TYPE-3			UR	S081642

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MILITARY, M-1974 ARMORED COMMAND RECON VEHS			UR	S078838
MILITARY, MT-LB ARMORED AMPHIBIOUS TRACKED			UR	S080065
MISSILES, SS-N-8/SS-NX-18 TRANS-ERECTOR POSS			UR	S079517
MILITARY, BM-14/16 140MM ROCKET LAUNCHER			UR	S079494
NUCLEAR, SS-18 MOD-2 WARHEAD TRANS TYPE-5			UR	S079327
NUCLEAR, SS-18 WARHEAD TRANSPORTER TYPE-5			UR	S081638
MISSILES, SS-16/SS-X-20 TRANSPORTER			UR	S079610
MISSILES, SS-16/SS-X-20 TRANSPORTER			UR	
MISSILES, SS-16/SS-X-20 TRANSPORTER POSS			UR	S079188
MISSILES, SS-16/SS-X-20 TRANSPORTER POSS			UR	
MISSILES, SS-16/SS-X-20 ERECTOR-LAUNCHER			UR	S079610
MISSILES, SS-16/SS-X-20 ERECTOR-LAUNCHER			UR	
MISSILES, SS-16/SS-X-20 ERECTOR/LAUNCHER			UR	S079188
MISSILES, SS-16/SS-X-20 ERECTOR/LAUNCHER			UR	
MILITARY, T-72 MEDIUM TANK			UR	S078347
MILITARY, T-72 MEDIUM TANK			UR	S078176
MILITARY, T-72 MEDIUM TANK			UR	S079566
MILITARY, T-72 TANK + CLASSROOM MODEL			UR	S080266
MILITARY, T-72 MEDIUM TANK + VARIANTS			UR	S080895
MISSILES, SA-8 RESUPPLY VEHICLE			UR	S080518
MILITARY, M-1967 122MM SELF-PROPELLED HOW			CH	S079493
MILITARY, M-1974 SELF-PROPELLED GUN NEW			KN	S079567
MILITARY, DONGUZ A/B			UR	S080658
MILITARY, MRLM-1977 MULTIPLE ROCKET LAUNCHER			UR	S081730

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ELECTRONICS, URAL-375 VIEWPOINT ASSOC VEHICLE			UR	S081717
SHIPS, SVERDLOV CLASS CLC PERT SPRING RADOME			UR	S079766
SHIPS, SVERDLOV CLASS CL MODERNIZATION			UR	S082139
SHIPS, KRESTA-1 CLASS CLGM PALM FROND RADAR			UR	S079766
SHIPS, MOSKVA CLASS CHG REFIT			UR	S080329
SHIPS, KASHIN CLASS DDG MODIFICATIONS			UR	S078252
SHIPS, KASHIN CLASS DDG PROVORNYI MODIF			UR	S080293
SHIPS, PETYA CLASS FFL MODIFIED			UR	S080298
SHIPS, PETYA CLASS FFL MODIFICATIONS			UR	S080877
SHIPS, SUTJESKA CLASS SS			YO	S079143
SHIPS, HEROJ CLASS SS			YO	
SHIPS, SHANGHAI-2 CLASS PGM			CH	S079942
SHIPS, POLNOCNY CLASS LSM			UR	S078109
SHIPS, POLNOCNY CLASS LSM			UR	S078104
SHIPS, POLNOCNY CLASS LSM			UR	S079191
SHIPS, DESNA CLASS AGM			UR	S080100
SHIPS, G-3 CLASS SSB			UR	S081550
SHIPS, F CLASS SS			UR	S080481
SHIPS, PAMIR CLASS AGI ANTENNA U/I			UR	S081514
SHIPS, Y MOD CLASS SSBN MISSILE BAY			UR	S078258
SHIPS, Y CLASS SSBN BOW SONAR NEW POSS			UR	S078585
SHIPS, Y CLASS SSBN REACTOR CMPNTS/STRUCTURES			UR	S079763

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SHIPS, Y CLASS SSBN BOW MODIFICATION			UR	S081496
SHIPS, C CLASS SSGN			UR	S078070
SHIPS, V-1/V-2 CLASS SSN			UR	S080481
SHIPS, V-2 CLASS SSN			UR	S081265
SHIPS, VYTEGRALES CL SSESS 4-DISH ANT ARRAY			UR	S079593
SHIPS, VYTEGRALES CLASS SSESS			UR	S080637
SHIPS, SAAR-4 CLASS PGG MODIFIED			IS	S081864
SHIPS, NANUCHKA CLASS PGG			UR	S081530
SHIPS, P CLASS SSGN			UR	S078416
SHIPS, KARA CLASS CG TRKG/GNDC RDR NEW FITTED			UR	S080952
SHIPS, KARA CLASS CG WEAPON SYSTEM U/I			UR	S081757
SHIPS, KARA CLASS CG WEAPONS SYSTEM AFT			UR	S081869
SHIPS, KRIVAK CLASS DDGSP GUN NEW ARMED			UR	S079786
SHIPS, SUBMERSIBLES NAVAL/NAVAL ASSOC POSS			UR	S079957
SHIPS, 402R CLASS SSN			UR	S078600
SHIPS, A CLASS SSN MODIFIED			UR	S078859
SHIPS, A CLASS SSN			UR	S078417
SHIPS, A CLASS SSN			UR	S080481
SHIPS, E-2 CLASS SSGN			UR	S079319
SHIPS, E-2 CLASS SSGN SS-N-3/12 MISSILE TUBES			UR	S080629
SHIPS, E-2 CLASS SSGN OVERHAUL/MODIF/REFUEL			UR	S081559
SHIPS, E-2 CLASS SSGN BLAST DEFECTORS COVERED			UR	S081489

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SHIPS, SLEPEN CLASS PGM ARMAMENT NEW			UR	S078469
SHIPS, KASP A SUPPORT BARGE			UR	S079351
SHIPS, KIEV CLASS CVSG			UR	S078468
SHIPS, KIEV CLASS CVSG LANDING AREA			UR	S078113
SHIPS, KIEV CLASS CVSG FLIGHT DECK			UR	S079419
SHIPS, KIEV CLASS CVSG WATERLINE BEAM			UR	S079787
SHIPS, KIEV CLASS CVSG PUNCH BOWL RADOMES			UR	S079766
SHIPS, KIEV CLASS CVSG TRAP DOOR RADAR			UR	S079754
SHIPS, D-1/D-2/D-3 CLASS SSBN			UR	S078424
SHIPS, D-2/D-3 CLASS SSBN COMPARISON			UR	S079568
SHIPS, D-2/D-3 CL SSBN RECOGNITION FEATURES			UR	S080028
SHIPS, D-1 CLASS SSBN SEA WAKE ANALYSIS			UR	S079789
SHIPS, D-1 CLASS SSBN LAUNCHING/FITTING OUT			UR	S080299
SHIPS, D CLASS SSBN			UR	S081265
SHIPS, D-3 CLASS SSBN KEEL CONFIGURATION			UR	S081577
SHIPS, SONYA CLASS MSC OBJECT U/I			UR	S080332
SHIPS, T CLASS SS ENLARGED LOWER BOW			UR	S080966
SHIPS, SUBMARINE COMPONENTS U/I			UR	S081265
SHIPS, SUBMARINE COMPONENTS U/I			UR	S080481
SHIPS, SUBMARINE COMPONENTS U/I			UR	
SHIPS, CHONGJU CLASS PTFS MODIFIED			CH	S080693
SHIPS, KIANGHU CLASS FF			CH	S081758

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SHIPS, 199D CL SSAG SUBMERSIBLE SEATING RINGS			UR	S079350
SHIPS, 199D CLASS SSAG			UR	S081265
SHIPS, SARANCHA CLASS PHM			UR	S079320
SHIPS, SARANCHA CLASS PHM			UR	S081530
MISSILES, SS-12 MODIFIED			UR	S082051
MISSILES, SSC-1B CHARACTERISTICS/DEPLOYMENT			UR	S078358
SPACE, SL-12/SL-13 COMPARISON			UR	S078630
SPACE, SL-12/SL-13 COMPARISON			UR	S078628
MISSILES, KY-3/SS-1C STABILIZING FINS COMP			UR	S081204
MISSILES, SS-1C/KY-3 STABILIZING FINS COMP			UR	
MISSILES, ICBM TYPE 3C LAUNCHER			UR	S078640
MISSILES, ICBM TYPE 3D SILO WALL CONSTRUCTION			UR	S081633
MISSILES, SS-N-7/SS-N-9 TAIL SECTION COMP			UR	S079792
MISSILES, AS-6			UR	S079502
MISSILES, AS-6 POSS BEAR C TU-95 MOUNTED			UR	S079477
MISSILES, SS-N-9 MODIFICATION POSS			UR	S078423
MISSILES, SS-N-9/SS-N-7 TAIL SECTION COMP			UR	S079792
MISSILES, SA-N-4			UR	S080179
MISSILES, ICBM TYPE 3F SILO			UR	S078637
MISSILES, ICBM TYPE 3F SILO			UR	S081027
MISSILES, ICBM TYPE 3F SILO CONVERSION			UR	S081026
MISSILES, AA-6 VARIANTS			UR	S079690

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MISSILES, ICBM TYPE 3-G LAUNCHER			UR	S078837
MISSILES, ICBM TYPE 3G SILOS U/C			UR	S080359
MISSILES, ICBM TYPE 3G SILO			UR	S081274
MISSILES, ICBM TYPE 3G SILO CONSTRUCTION ANAL			UR	S080997
MISSILES, SA-8			UR	S079518
MISSILES, SA-8			UR	S079769
MISSILES, SA-8 SYSTEM DEVELOPMENTS/DEPLOYMENT			UR	
MISSILES, CSS-N-1 IR HOMING VARIANT POSS			CH	S079614
MISSILES, ICBM TYPE 3H SILO			UR	S078291
MISSILES, ICBM TYPE 3H LAUNCHER			UR	S079628
MISSILES, ICBM TYPE 3H SILO ANALYSIS			UR	S081072
MISSILES, ICBM TYPE 3H SILO UPPER DETAILS			UR	S081058
MISSILES, ICBM TYPE 3H SILO			UR	S081032
MISSILES, CSS-3 LAUNCHER			CH	S079984
MISSILES, CSS-3 LAUNCHER			CH	S080011
MISSILES, CSS-3 LAUNCHER			UR	S080002
SPACE, LAUNCH PADS PLESETSK MTC SITE 27			UR	S080511
MISSILES, SS-17			UR	S079900
SPACE, SL-13/SL-12 COMPARISON			UR	S078630
SPACE, SL-13/SL-12 COMPARISON			UR	S078628
NUCLEAR, HIGH EXPLOSIVES SIMUL TEST STRUCTURE			UR	S078641

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TOP SECRET CHESS RUFF

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MISSILES, AS-9

UR S078457

MISSILES, AA-7

UR S078836

MISSILES, AA-8

UR S078279

MISSILES, SS-19 MISSILE CANISTER

UR S079676

MISSILES, SS-19 MISSILE CANISTER

UR S079653

SPACE, SOYUZ-21/SALYUT-5

UR S080387

SPACE, SALYUT-4/SL-13

UR S078630

SPACE, SALYUT-1/SL-13

UR S078628

SPACE, SALYUT-5

UR S079691

SPACE, SALYUT-5/SOYUZ-21

UR S080387

SPACE, SALYUT-5 SPACE STATION

UR S080830

SPACE, SALYUT-4 SPACE STATION

UR S081462

SPACE, INTERCOSMOS-10

UR S080504

SPACE, MARS-3 SPACECRAFT + LANDER

UR S078290

NAGURSKOYE AIRFIELD

804803N 0473834E UR S080568

25X1

NAGURSKOYE AIRFIELD SW

804748N 0472126E UR S080569

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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KHATANGA AIRFIELD		715822N 1022912E	UR	S078390
MESSOYAKHA GAS FIELD RADIO RELAY STATION		690735N 0823005E	UR	S081872
NORILSK TELEMETRY/TRACKING FACILITY		692130N 0881210E	UR	S078275
DUDINKA PORT FACILITIES		692342N 0861059E	UR	S079138
NORILSK RADIO RELAY/TV/FM BROADCASTING CENTER		692045N 0881015E	UR	S081872
NORILSK RADIO RELAY/TV/FM BROADCASTING CENTER		692045N 0881015E	UR	
VOLOGOCHAN RADIO RELAY + TROPOSCATTER STATION		692234N 0870634E	UR	
DUDINKA RADIO RELAY/TV RELAY/FM BDCSTG STA		692420N 0861030E	UR	
DUDINKA RADIO RELAY/TV RELAY/FM BDCSTG STA		692420N 0861030E	UR	
NORILSK RADIO RELAY STATION WEST		691805N 0874750E	UR	
KHALMER YU MISSILE IMPACT AREA INSTR FAC POSS		680232N 0650828E	UR	S079317
AMDERMA AIR DEFENSE HQ TALL KING AW RADAR FAC		694500N 0614400E	UR	S081232
AMDERMA AIRFIELD AAM STORAGE POTENTIAL		694553N 0613400E	UR	S078500

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ROGACHEVO RADIO COMMUNICATIONS STATION WEST		713649N 0522107E	UR	S078283
BELUSHYA GUBA RADIO RELAY/COMMO STATION NORTH		713509N 0522048E	UR	S078284
MURMASHI RADIO COMMO XMTR KRUG SUPT ANT CONST		684630N 0330550E	UR	S080140
MURMASHI KRUG DF FACILITY		684653N 0325506E	UR	
OLENEGORSK HEN HOUSE ABM RADAR FACILITY		680650N 0335434E	UR	S078030
OLENEGORSK HEN HOUSE ABM RDR PHASED-ARRAY NEW		680650N 0335434E	UR	S078599

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
OLENEGORSK HEN HOUSE ABM RADAR FACILITY CONST		680650N 0335434E	UR	S079987
OLENEGORSK HEN HOUSE ABM RDR FAC PHASED-ARRAY		680650N 0335434E	UR	S079979
MURMASHI GRAIN STORAGE BUNKER POSS		684935N 0324610E	UR	S080117
GREMIKHA NAVAL BASE + SHIP REPAIR YARD		680418N 0392833E	UR	S078824
GREMIKHA NAVAL BASE + SHIP REPAIR YARD		680418N 0392833E	UR	
GREMIKHA NAVAL BASE/SHIP RPR YD N CL SSN ACT		680418N 0392833E	UR	S078581
GREMIKHA NAVAL BASE/SHIP RPR YD N CL SSN ACT		680418N 0392833E	UR	
GREMIKHA NAVAL BASE + SHIP REPAIR YARD		680418N 0392833E	UR	S079362
GREMIKHA NAVAL BASE + SHIP REPAIR YARD		680418N 0392833E	UR	
OLENYA GUBA SUBMARINE BASE D-2/D-3 CLASS SSBN		691256N 0332210E	UR	S075049
OLENYA GUBA SUBMARINE BASE		691256N 0332210E	UR	S079206
OLENYA GUBA SUBMARINE BASE D-2/3 DEPARTURE		691256N 0332210E	UR	S080682
OLENYA GUBA SUBMARINE BASE G-3 CLASS SSB		691256N 0332210E	UR	S081550
PALA GUBA NAVAL BASE + SHIP RPR YD ENGR BLDG		691156N 0332456E	UR	S080283
PALA GUBA NAVAL BASE + SHIP RPR YD ENGR BLDG		691156N 0332456E	UR	
PALA GUBA NAVAL BASE + SHIP RPR 4D ARDD NEW		691156N 0332456E	UR	S080920
PALA GUBA NAVAL BASE + SHIP RPR YD ARDD NEW		691156N 0332456E	UR	
PALA GUBA NAVAL BASE + SHIP RPR YD H-2 SSBN		691156N 0332456E	UR	S081740
PALA GUBA NAVAL BASE + SHIP RPR YD H-2 SSBN		691156N 0332456E	UR	
PALA GUBA NAVAL BASE + SHIP RPR YD H-2 SSBN		691156N 0332456E	UR	S081732
PALA GUBA NAVAL BASE + SHIP RPR YD H-2 SSBN		691156N 0332456E	UR	
PALA GUBA NAVAL BASE + SHIP REPAIR YARD		691156N 0332456E	UR	S082035
PALA GUBA NAVAL BASE + SHIP REPAIR YARD		691156N 0332456E	UR	
URA GUBA SUBMARINE BASE		691945N 0325109E	UR	S078475
LITSA GUBA SUBMARINE BASE NORTH		692720N 0322624E	UR	S079042
SAYDA GUBA NAVAL MISSILE STORAGE		691502N 0332133E	UR	S082033

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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ROSTA NAVAL BASE/SHIP RPR YD NUC SUB SUPT FAC	690145N	0330356E	UR	S079322
ROSTA NAVAL BASE/SHIP RPR YD NUC SUB SUPT FAC	690145N	0330356E	UR	
ROSTA NAVAL BASE/SHIP RPR YD NUC SUB SUPT FAC	690145N	0330356E	UR	
ROSTA NAVAL BASE/SHIP RPR YD NUC SUB SUPT FAC	690145N	0330356E	UR	S079312
ROSTA NAVAL BASE/SHIP RPR YD NUC SUB SUPT FAC	690145N	0330356E	UR	
ROSTA NAVAL BASE/SHIP RPR YD NUC SUB SUPT FAC	690145N	0330356E	UR	
SEVEROMORSK NAVAL BASE	690443N	0332617E	UR	S078651
SEVEROMORSK NAVAL BASE ELECTRONICS SITE TNLS	690443N	0332617E	UR	S081523
SAYDA GUBA SUBMARINE BASE	691531N	0331923E	UR	S079045
SAYDA GUBA SUBMARINE BASE D-3 CL SSBN IDENT	691531N	0331923E	UR	S079232
SAYDA GUBA SUBMARINE BASE SLBM LOADING GANTRY	691531N	0331923E	UR	S079930
SAYDA GUBA SUBMARINE BASE SLBM LOADING GANTRY	691531N	0331923E	UR	
SAYDA GUBA SUBMARINE BASE SLBM LDG/UNLDG OPS	691531N	0331923E	UR	S080758
SAYDA GUBA SUBMARINE BASE SLBM LDG/UNLDG OPS	691531N	0331923E	UR	
SEVEROMORSK NAVAL MSL LDG FAC SS-N-8 WHD OPS	690543N	0332742E	UR	S080761
SEVEROMORSK NAVAL MSL LDG FAC SS-N-8 WHD PROB	690543N	0332742E	UR	S080892
LITSA GUBA SUBMARINE BASE SOUTH C CLASS SSGN	692620N	0322526E	UR	S078070
LITSA GUBA SUBMARINE BASE SOUTH	692620N	0322526E	UR	S079363
ANDREEVA GUBA NUCLEAR SUBMARINE SUPPORT FACIL	692705N	0322136E	UR	S082034
MURMASHI RADIO COMMO RCVR KRUG SUPT ANT CONST	684648N	0325844E	UR	S080140
LITSA GUBA SUBMARINE BASE SW	692604N	0322153E	UR	S079043
OLENYA GUBA SUBMARINE RPR BASE RPR HALL U/C	691247N	0331714E	UR	S079172
OLENYA GUBA SUBMARINE REPAIR BASE ARDD	691247N	0331714E	UR	S079247
LITSA GUBA NAVAL FACILITIES APPROACHES	6929 N	03226 E	UR	S079041
SAYDA GUBA NAVAL FACILITIES APPROACHES	6915 N	03321 E	UR	S079044

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
POLYARNYY/OLENYA GUBA NAVAL FACILS APPROACHES	6912	N 03327 E	UR	S079205
SEVEROMORSK NAVAL FACILITIES APPROACHES	6905	N 03325 E	UR	S078650
URA GUBA/ARA GUBA NAVAL FACILITIES APPROACHES	6919	N 03251 E	UR	S078474
KILPYAVR AIRFIELD AAM STORAGE POTENTIAL	690542N	0322358E	UR	S078499
KILPYAVR AIRFIELD HANGARETTES	690542N	0322358E	UR	S080167
SEVEROMORSK AIRFIELD ASM STGE FACIL CRTS/CANS	690152N	0332517E	UR	S078263
SEVEROMORSK AIRFIELD CUB D AN-12 IDENT	690152N	0332517E	UR	S080681
MALYAVR AIRFIELD	685204N	0334307E	UR	S080567
OLENEGORSK AIRFIELD POL STORAGE CAPACITY	680908N	0332743E	UR	S081238
BILIBINO GOLD MINE 1	681315N	1660100E	UR	S078542
ZHIGANSK AIRFIELD	664745N	1232100E	UR	S078339
PROVIDENIYA PORT FACILITIES	642543N	1731407W	UR	S080901
ANADYR/LENINKA AIRFIELD AAM STORAGE POTENTIAL	644402N	1774457E	UR	S078495
ANADYR/LENINKA AIRFIELD FARMER NON-OPRTNL	644406N	1774428E	UR	S080745
UELKAL AIRFIELD	653059N	1791718W	UR	S079451
OLOVYANNAYA/EGVEKINOT GUBA AIRFIELD	661450N	1790330W	UR	S081911
KANDALAKSHSKIY ZALIV SUB SOUND TRIALS RANGE	663121N	0345353E	UR	S081683
KANDALAKSHSKIY ZALIV SOUND TRIALS RANGE A SSN	663121N	0345353E	UR	S081330
ZASHEYEK NUCLEAR POWER PLANT KOLA AES	672756N	0322828E	UR	S078047
ZASHEYEK NUCLEAR POWER PLANT KOLA AES	672756N	0322828E	UR	S079194
KONTIOMAKI/LEDMOZERO RAIL LINE U/C	642012N	0280635E	FI	S078181
AFRIKANDA AIRFIELD AAM STORAGE POTENTIAL	672723N	0324731E	UR	S078512

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AFRIKANDA AIRFIELD HANGARETTES		672723N 0324731E	UR	S080119
ENGOZERO AIRFIELD POL/AMMUNITION STORAGE SRCH		655205N 0335545E	UR	S079873
KIROVSK AIRFIELD POL STORAGE CAPACITY		673438N 0333425E	UR	S081125
MONCHEGORSK AIRFIELD AAM STORAGE POTENTIAL		675919N 0330057E	UR	S078492
MONCHEGORSK AIRFIELD FISHBED/FOXBAT		675919N 0330057E	UR	S079000
MONCHEGORSK AIRFIELD HANGARETTES		675919N 0330057E	UR	S080168
KEM/UZHMANA AIRFIELD AAM STORAGE POTENTIAL		645515N 0341548E	UR	S078498
KEM/UZHMANA AIRFIELD HANGARETTES		645515N 0341548E	UR	S080121
KEM/UZHMANA AIRFIELD CRATES U/I		645515N 0341548E	UR	S082045
KIROVSK AIRFIELD SOUTH POL STORAGE CAPACITY		672735N 0333540E	UR	S081241
UMBOZERO AIRFIELD		673058N 0341838E	UR	S078520
UMBA AIRFIELD NW U/C		665430N 0335130E	UR	S079871
UMBA AIRFIELD NW		665430N 0335130E	UR	S081271
GORODETSKIY MISSILE TRACKING FACILITY		674357N 0405340E	UR	S078272
BOLSHOY LUMBOVSKIY AW RADAR FACILITY		674400N 0403200E	UR	
NENOKSA NAVAL MTC MSL ASBLY/CHECKOUT FAC ELCT		643830N 0391230E	UR	S081005
NENOKSA NAVAL MTC LAUNCH FACIL POSS CONST NEW		643633N 0391415E	UR	S079948
SEVERODVINSK SHIPYARD 402 PRODUCTION/EXPSN		643438N 0394832E	UR	S078544
SEVERODVINSK SHIPYARD 402		643438N 0394832E	UR	S078045
SEVERODVINSK SHIPYARD 402 D-3 CLASS SSBN LNCH		643438N 0394832E	UR	S075041
SEVERODVINSK SHIPYARD 402 402R CLASS SSN		643438N 0394832E	UR	S078600
SEVERODVINSK SHIPYARD 402 Y CLASS SSBN		643438N 0394832E	UR	S078585

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SEVERODVINSK SHIPYARD 402 PRESSURE HULL MODEL		643438N 0394832E	UR	S078568
SEVERODVINSK SHIPYARD 402 D CLASS SSBN PROD		643438N 0394832E	UR	S078553
SEVERODVINSK SHIPYARD 402 D/D-2/D-3 SSBN PROD		643438N 0394832E	UR	S078424
SEVERODVINSK SHIPYARD 402 D-3 SSBN LNCH PREP		643438N 0394832E	UR	S079599
SEVERODVINSK SHIPYARD 402 PRESSURE HULLS PROB		643438N 0394832E	UR	S079186
SEVERODVINSK SHIPYARD 402		643438N 0394832E	UR	S079982
SEVERODVINSK SHIPYARD 402 LAUNCH BASIN U/C		643438N 0394832E	UR	S079975
SEVERODVINSK SHIPYARD 402		643438N 0394832E	UR	S080055
SEVERODVINSK SHIPYARD 402 PRESSURE HULLS		643438N 0394832E	UR	S080612
SEVERODVINSK SHIPYARD 402 SUB COMPONENTS NEW		643438N 0394832E	UR	S080336
SEVERODVINSK SHIPYARD 402 SSBN CLASS NEW U/C		643438N 0394832E	UR	S080183
SEVERODVINSK SHIPYARD 402 LAUNCH RAIL ACT		643438N 0394832E	UR	S081366
SEVERODVINSK SHIPYARD 402 PRESSURE HULLS PROB		643438N 0394832E	UR	S080817
SEVERODVINSK SHIPYARD 402 NAVAL O/B		643438N 0394832E	UR	S080889
SEVERODVINSK SHIPYARD 402 D-3 SSBN LNCH PREP		643438N 0394832E	UR	S080957
SEVERODVINSK SHIPYARD 402 A CL SSN DEPERMING		643438N 0394832E	UR	S080953
SEVERODVINSK SHIPYARD 402 TRAVERSER EXPANSION		643438N 0394832E	UR	S080944
SEVERODVINSK SHIPYARD 402 D CLASS SSBN PROD		643438N 0394832E	UR	S081878
SEVERODVINSK SHIPYARD 402 COMPONENT TRF FACIL		643438N 0394832E	UR	S081346
SEVERODVINSK SHIPYARD 402 D-3 CLASS SSBN		643438N 0394832E	UR	S081577
SEVERODVINSK HEAT + THERMAL POWER PLT 1 EXPSN		643450N 0395125E	UR	S079336
NENOKSA NAVAL MTC ASSEMBLY/CHECKOUT BLDG ANTS		643858N 0391125E	UR	S078270

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NENOKSA NAVAL MTC		643858N 0391125E	UR	S078575
NENOKSA NAVAL MTC		643858N 0391125E	UR	S079833
NENOKSA NAVAL MTC		643858N 0391125E	UR	S080295
NENOKSA NAVAL MTC ASSEMBLY/CHECKOUT BLDG NEW		643858N 0391125E	UR	S080183
NENOKSA NAVAL MTC SS-NX-17 LAUNCH PREP PROB		643858N 0391125E	UR	S081722
NENOKSA NAVAL MTC CR MSL FACIL A MSL A/F POSS		643858N 0391125E	UR	S081741
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC		643445N 0394716E	UR	S078045
SEVERODVINSK NUCLEAR SUB SPEC SUPT Y CL SSBN		643445N 0394716E	UR	S078258
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC		643445N 0394716E	UR	S079982
SEVERODVINSK NAVAL MSL SUPT FAC SS-NX-17 GSE		643339N 0394627E	UR	S080954
SEVERODVINSK NAVAL BASE WEST		643420N 0394551E	UR	S078045
SEVERODVINSK NAVAL BASE WEST		643420N 0394551E	UR	S079982
SEVERODVINSK NAVAL BASE WEST SMOKE SCREEN		643420N 0394551E	UR	S081720
SEVERODVINSK SHIPYARD YAGRY OSTROV		643514N 0394907E	UR	S078045
SEVERODVINSK SHIPYARD YAGRY OSTROV EXPANSION		643514N 0394907E	UR	S079598
SEVERODVINSK SHIPYARD YAGRY A CLASS SSN STERN		643514N 0394907E	UR	S079325
SEVERODVINSK SHIPYARD YAGRY OSTROV		643514N 0394907E	UR	S079982
SEVERODVINSK SHIPYARD YAGRY OSTROV		643514N 0394907E	UR	S080054
SEVERODVINSK SHIPYARD YAGRY NUC SUB RPR HALLS		643514N 0394907E	UR	S079765
SEVERODVINSK SHIPYARD YAGRY SS-NX-17 TRF OP		643514N 0394907E	UR	S081369
SEVERODVINSK SHIPYARD YAGRY SS-NX-17 TRF OP		643514N 0394907E	UR	
SEVERODVINSK SHIPYARD YAGRY OSTROV NAVAL O/B		643514N 0394907E	UR	S080889

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SEVERODVINSK SHIPYARD YAGRY SS-NX-17 LDG CAN	[REDACTED]	643514N 0394907E	UR	S080936
SEVERODVINSK SHIPYARD YAGRY SS-NX-17 LDG CAN		643514N 0394907E	UR	
SEVERODVINSK SHIPYARD YAGRY OSTROV G-3 CL SSB		643514N 0394907E	UR	S081550
SEVERODVINSK SHIPYARD YAGRY OSTROV Y CL SSB		643514N 0394907E	UR	S081496
ARKHANGELSK HEAT + THERMAL POWER PLT 2 EXPSN		643433N 0403435E	UR	S079336
NENOKSA NAVAL MTC FACIL A CRUISE MSL LNCHRS		643843N 0391118E	UR	S078546
NENOKSA NAVAL MTC FACILITY A FRONT DOOR RADAR		643843N 0391118E	UR	S080630
NENOKSA NAVAL MTC FACIL A FRONT DOOR RDR PROB		643843N 0391118E	UR	S080890
NENOKSA NAVAL MTC TRACKING FACILITY		643807N 0390924E	UR	S078286
NENOKSA NAVAL MTC TRACKING FACILITY		643807N 0390924E	UR	S078270
NENOKSA NAVAL MTC TRACKING FACILITY		643807N 0390924E	UR	S081024
NENOKSA NAVAL MTC TRACKING FACILITY		643807N 0390924E	UR	S081005
SEVERODVINSK HEAT + THERMAL POWER PLT 2 EXPSN		643400N 0395000E	UR	S079336
SEVERODVINSK COMSAT STATION 4-DISH CLUSTER		643320N 0394600E	UR	S081047
SEVERODVINSK NAVAL FACILITIES APPROACHES		6334 N 03947 E	UR	S080053
ARKHANGELSK/TALAGI AIRFIELD AAM STORAGE PTNTL		643601N 0404303E	UR	S078497
PECHORA PHASED-ARRAY RADAR FACILITY U/C		651230N 0571720E	UR	S078112
PECHORA PHASED-ARRAY RADAR FACILITY U/C		651230N 0571720E	UR	S079647
PECHORA PHASED-ARRAY RADAR FACILITY U/C		651230N 0571720E	UR	S080042
PECHORA PHASED-ARRAY RADAR FACILITY U/C		651230N 0571720E	UR	S079912
NARYAN MAR TELEMETRY/TRACKING FACILITY		673611N 0525848E	UR	S078294
NARYAN MAR TELEMETRY/TRACKING FACILITY		673611N 0525848E	UR	S078269

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NARYAN MAR TELEMETRY/TRACKING FACILITY		673611N 0525848E	UR	S081000
NARYAN MAR TELEMETRY/TRACKING FACILITY		673611N 0525848E	UR	S081863
NARYAN MAR TELEMETRY/TRACKING FACILITY		673611N 0525848E	UR	S081029
NARYAN MAR RADIO COMMUNICATIONS XMTR STATION		673639N 0530528E	UR	S078269
NARYAN MAR RADIO COMMUNICATIONS XMTR STATION		673669N 0530528E	UR	S081000
NARYAN MAR RADIO COMMUNICATIONS XMTR STA WEST		673750N 0525400E	UR	S078269
NARYAN MAR RADIO COMMUNICATIONS XMTR STA WEST		673750N 0525400E	UR	S081000
NARYAN MAR AIRFIELD		673714N 0530240E	UR	S080525
PECHORA/KAMENKA AIRFIELD POL STORAGE CAPACITY		650322N 0564023E	UR	S079640
KHALMER YU MISSILE TRACKING FACILITY		675800N 0644520E	UR	S079317
PRAVAYA KHETTA TWIN DISH TROPOSCATTER STATION		655115N 0742854E	UR	S078031
VORKUTA ESV TRACKING FACILITY		673304N 0640941E	UR	S081863
VORKUTA ESV TRACKING FACILITY BOW + ARROW		673330N 0640941E	UR	S081413
VORKUTA AIRFIELD POL STORAGE CAPACITY		672917N 0635937E	UR	S079855
PRAVAYA KHETTA/PANGODY AIRFIELD		655100N 0742940E	UR	S081104
NADYM AIRFIELD SOUTH POL STORAGE CAPACITY		652859N 0724134E	UR	S081243
TARKO SALE AIRFIELD		645559N 0774700E	UR	S081106
NIZHNEVARTOVSK TV CENTER		605550N 0763405E	UR	S080767
SURGUT PORT COMPLEX OB RIVER		611420N 0732800E	UR	S078217
SURGUT RAILROAD BRIDGE YURGANSKAYA OB RIVER		611322N 0730940E	UR	S080749
NEFTEYUGANSK AIRFIELD		610604N 0723846E	UR	S080529
VARYEGAN AIRFIELD		615903N 0763649E	UR	S078335

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SURGUT AIRFIELD NORTH AMMO/POL STORAGE PTNTL		612037N 0732435E	UR	S079961
NIZHNEVARTOVSK AIRFIELD NW POL STGE CAPACITY		605716N 0762928E	UR	S079823
AGAN AIRFIELD		613751N 0750508E	UR	S078233
SEVEROURALSK AIRFIELD POL/AMMO STORAGE SEARCH		601808N 0600441E	UR	S079845
PIONERSKIY AIRFIELD AAM STORAGE POTENTIAL		611610N 0630815E	UR	S078517
URAY AIRFIELD POL STORAGE CAPACITY		600700N 0644945E	UR	S081242
IGRIM AIRFIELD POL STORAGE CAPACITY		631140N 0642700E	UR	S081110
KOTLAS RADIO RELAY + TV STATION		611410N 0463730E	UR	S080441
KOTLAS RADIO RELAY + TV STATION		611410N 0463730E	UR	
VELIKIY USTYUG RADIO RELAY + TV BROADCAST STA		603610N 0461140E	UR	
VELIKIY USTYUG RADIO RELAY + TV BROADCAST STA		603610N 0461140E	UR	
KRASAVINO RADIO RELAY STATION IDENTIFICATION		605558N 0462616E	UR	S078825
KRASAVINO RADIO RELAY STATION		605558N 0462616E	UR	S080441
NYUKSENITSA RADIO RELAY STATION PROB		602235N 0441625E	UR	
KNYAZHPOGOST TELEMETRY/TRACKING FACILITY		623230N 0505400E	UR	S081087
GORODISHNA POGOST RADIO RELAY STATION		601355N 0442035E	UR	S080441
GALUZINO RADIO RELAY STATION WSW		604341N 0460326E	UR	S078825
GALUZINO RADIO RELAY STATION WSW		604341N 0460326E	UR	S080441
KOPYLOVO RADIO RELAY STATION		603350N 0450240E	UR	
KOTLAS PORT COMPLEX VYCHEGDA RIVER		611656N 0464020E	UR	S081653
KOTLAS AIRFIELD GSE INVENTORY		611424N 0463843E	UR	S078552
SYKTYVKAR AIRFIELD POL/AMMO STORAGE CAPACITY		613845N 0505040E	UR	S079967
KOTLAS AIRFIELD SOUTH AAM STORAGE POTENTIAL		605947N 0465224E	UR	S078496
TOTMA RADIO RELAY + TV BROADCAST CENTER NW		600423N 0423747E	UR	S080441
TOTMA RADIO RELAY + TV BROADCAST CENTER NW		600423N 0423747E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LODEYNOYE POLE BENT LOG-PERIODIC ZIGZAG ANT		604230N 0333430E	UR	S078844
LODEYNOYE POLE BENT LOG-PERIODIC NO SIG CHNG		604230N 0333430E	UR	S079981
PLESETSK MTC TELEMETRY/TRACKING FACILITY		625642N 0412621E	UR	S081065
PLESETSK MTC TELEMETRY/TRACKING FACILITY		625642N 0412621E	UR	S081089
PLESETSK MTC RANGEHEAD TRACKING FAC BOW/ARROW		624645N 0402010E	UR	S081413
PLESETSK MTC MISSILE HDLG FAC TELEMETRY ANTS		624600N 0402300E	UR	S079655
PLESETSK MTC MSL HDLG FACIL SS-16/20 RLTD ACT		624600N 0402300E	UR	S079637
PLESETSK MTC MISSILE HDLG FACIL TRANS/LDR NEW		624600N 0402300E	UR	S080593
PLESETSK MTC MISSILE HANDLING FACILITY		624600N 0402300E	UR	S081868
LEVASH RADIO RELAY STATION		600700N 0434300E	UR	S080441
PETROZAVODSK AIRFIELD NW GCI SITE		615420N 0340420E	UR	S079722
PLESETSK/PLESTSY AIRFIELD GCA SITE		624257N 0402927E	UR	S080544
PLESETSK MTC SPACE SITE 1 SL-6 LAUNCH PREP		625540N 0402711E	UR	S079923
PLESETSK MTC ICBM SITE 5 COMMO EQUIPMENT		630316N 0405720E	UR	S079655
PLESETSK MTC ICBM SITE 6 COMMO EQUIPMENT		630057N 0405231E	UR	
PLESETSK MTC ICBM SITE 6 11-BAY GARAGES		630057N 0405231E	UR	S079576
PLESETSK MTC ICBM SITE 6		630057N 0405231E	UR	S081868
PLESETSK MTC ICBM SITE 7 11-BAY GARAGES		625115N 0403427E	UR	S079576
PLESETSK MTC ICBM SITE 7 SS-16/20 RLTD CONST		625115N 0403427E	UR	S079934
PLESETSK MTC ICBM SITE 7 SS-16/20 RLTD CONST		625115N 0403427E	UR	
PETROZAVODSK SHIPYARD SOUTH 789 SONYA' CL MSC		614540N 0342730E	UR	S078572
PLESETSK MTC ICBM SITE 11 AZIMUTH MARKERS		625732N 0412650E	UR	S079679
PLESETSK MTC ICBM SITE 14 AZIMUTH MARKERS		625816N 0413342E	UR	S079680

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PLESETSK MTC ICBM SITE 16 MODIFICATION		624655N 0403528E	UR	S079516
PLESETSK MTC ICBM SITE 16 SS-13 TRNG FAC PROB		624655N 0403528E	UR	S080650
PLESETSK MTC ICBM SITE 17 AZIMUTH MARKERS		625448N 0412407E	UR	S079681
PLESETSK MTC ICBM SITE 18 AZIMUTH MARKERS		625753N 0413918E	UR	S079682
PLESETSK MTC ICBM SITE 20 AZIMUTH MARKERS		625456N 0414118E	UR	S079685
PLESETSK MTC ICBM SITE 19 AZIMUTH MARKERS		625552N 0413623E	UR	S079684
PLESETSK MTC ICBM SITE 22 AZIMUTH MARKERS		625313N 0414530E	UR	S079686
PLESETSK MTC ICBM SITE 23 AZIMUTH MARKERS		630040N 0413246E	UR	S079687
PLESETSK MTC ICBM SITE 24 AZIMUTH MARKERS		630042N 0413312E	UR	
PLESETSK MTC ICBM NUC WHD STGE WPNS TRF EXER		625756N 0404341E	UR	S079908
PLESETSK MTC ESV TRACKING FACILITY		625357N 0403329E	UR	S078295
PLESETSK MTC ESV TRACKING FACILITY		625357N 0403329E	UR	S078266
PLESETSK MTC ESV TRACKING FACILITY		625357N 0403329E	UR	S081863
PLESETSK MTC SPACE SITE 27 CONST MID-STAGE		625423N 0404715E	UR	S079489
PLESETSK MTC SPACE SITE 27 CONST EARLY-STAGE		625423N 0404715E	UR	S079488
PLESETSK MTC SPACE SITE 27		625423N 0404715E	UR	S079774
PLESETSK MTC SPACE SITE 27 CONSTRUCTION		625423N 0404715E	UR	S080415
PLESETSK MTC SPACE SITE 27 PADS 1/2 U/C		625423N 0404715E	UR	S080511
PLESETSK MTC SPACE SITE 27		625423N 0404715E	UR	S081099
PLESETSK MTC MOBILE ICBM FACILITY 1		625858N 0404624E	UR	S081868
PLESETSK MTC MOBILE ICBM FACILITY 2		625117N 0403429E	UR	
LODEYNOYE POLE AIRFIELD AAM STORAGE POTENTIAL		604234N 0333424E	UR	S078514
LODEYNOYE POLE AIRFIELD HANGARETTES		604234N 0333424E	UR	S080122

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PETROZAVODSK AIRFIELD FRESCO MIG-17 SHPG CONT		615000N 0341752E	UR	S079635
PETROZAVODSK AIRFIELD NW AAM STGE POTENTIAL		615309N 0340920E	UR	S078513
PETROZAVODSK AIRFIELD NW HANGARETTES		615309N 0340920E	UR	S080169
OBOZERSKIY AIRFIELD SE AAM STORAGE POTENTIAL		632340N 0402345E	UR	S078516
TARNOGSKOY GORODOK AFLD POL/AMMO STGE SEARCH		603015N 0433600E	UR	S079978
NIKIFOROVSKAYA/SHENKURSK AIRFIELD		620645N 0425320E	UR	S080527
PLESETSK/PLESTSY AIRFIELD		624256N 0402909E	UR	S080544
ONEGA/ANDOZERO AIRFIELD POL/AMMO STORAGE SRCH		635500N 0382550E	UR	S079874
ONEGA/ANDOZERO AIRFIELD U/C		635500N 0382550E	UR	S081240
PLESETSK MTC		625746N 0402346E	UR	S078472
PLESETSK MTC GUIDANCE RELATED FACILITIES		625746N 0402346E	UR	S078621
PLESETSK MTC		625746N 0402346E	UR	S078579
PLESETSK MTC SS-16/SS-X-20 ACTIVITY		625746N 0402346E	UR	S079505
PLESETSK MTC		625746N 0402346E	UR	S079473
PLESETSK MTC		625746N 0402346E	UR	S079328
PLESETSK MTC		625746N 0402346E	UR	S079781
PLESETSK MTC		625746N 0402346E	UR	S080314
PLESETSK MTC		625746N 0402346E	UR	S081206
LENINGRAD BENT LOG-PERIODIC ZIGZAG ANTENNA		600455N 0304320E	UR	S078844
LENINGRAD BENT LOG-PERIODIC ANT NO SIG CHNG		600455N 0304320E	UR	S079981
GROMOVO MILITARY BARRACKS EW STORAGE RESERVE		604305N 0300050E	UR	S079369
SAPERNOYE ARMY BARRACKS AL1 + HQ GUARDS MRD		604250N 0295725E	UR	S081673

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ZELENOGORSK ROCKET ENGINE TEST FAC LASER R+D		601329N 0294308E	UR	S079914
PRIMORSK ROCKET ENG TEST FAC CONST LASER RLTD		601838N 0285121E	UR	S079976
PRIMORSK ROCKET ENGINE TEST FAC LASER R+D		601838N 0285121E	UR	S079914
LENINGRAD SOLID MOTOR TEST FACILITY 1		600401N 0303615E	UR	S078042
LENINGRAD SOLID MOTOR TEST FAC 1 RKT CONT NEW		600401N 0303615E	UR	S078140
LENINGRAD SOLID MOTOR TEST FAC 1 NVL SAM NEW		600401N 0303615E	UR	S080321
LENINGRAD SOLID MOTOR TEST FACIL 3 SS-N-3/12		601533N 0304440E	UR	S078116
LENINGRAD ORDNANCE R+D FACILITY		600307N 0303237E	UR	S078953
LOVIISA NUCLEAR POWER PLANT HASTHOLM		602210N 0262030E	FI	S078047
OLKILUOTO NUCLEAR POWER PLANT U/C		611415N 0212630E	FI	
LENINGRAD/LEVASHEVO AFLD POL/AMMO STGE SEARCH		600516N 0301134E	UR	S079846
GROMOVO AIRFIELD AAM STORAGE POTENTIAL		604253N 0300645E	UR	S078518
GROMOVO AIRFIELD HANGARETTES		604253N 0300645E	UR	S080120
VYBORG AIRFIELD RUNWAY INACTIVE PROB		604430N 0283730E	UR	S080343
VYBORG AIRFIELD EAST AAM STORAGE POTENTIAL		604028N 0291022E	UR	S078515
VYBORG AIRFIELD EAST HANGARETTES		604028N 0291022E	UR	S080171
SALMI AIRFIELD POL/AMMUNITION STORAGE SEARCH		612259N 0315658E	UR	S079875
KORF AIRFIELD POL STORAGE CAPACITY		602250N 1660119E	UR	S081690
OMCHAK GOLD ORE CONCENTRATION PLANT		613920N 1475300E	UR	S078542
OMCHAK GOLD ORE CONCENTRATION PLANT		613920N 1475300E	UR	S082140
SUSUMAN AIRFIELD		624550N 1480930E	UR	S078340
YAKUTSK COMSAT STATION ORBITA		615430N 1293257E	UR	S080375

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
YAKUTSK SPACE TRACKING FACILITY		615831N 1293913E	UR	S081863
TEPLY KLYUCH AIRFIELD POL STORAGE CAPACITY		624712N 1365120E	UR	S081908
VILYUYSK AIRFIELD		634700N 1213800E	UR	S078333
SANGAR AIRFIELD		635720N 1272530E	UR	S078389
KYUBEYI AIRFIELD		635330N 1224700E	UR	S081783
[REDACTED]				
MAMYR RADIO RELAY STATION		563348N 1023319E	UR	S082099
VIDIM RADIO RELAY STATION		562348N 1030935E	UR	
SHESTAKOVO RADIO RELAY STATION		562355N 1033720E	UR	S080857
UST ILIMSK RADIO RELAY STATION NORTH		580200N 1023700E	UR	S082099
UST KUT RADIO RELAY + TV BDCST CTR NORTH PROB		564750N 1054000E	UR	S080857
UST KUT RADIO RELAY + TV BDCST CTR NORTH PROB		564750N 1054000E	UR	
KHREBTOVAYA RADIO RELAY STATION		564225N 1042645E	UR	
KAVNONIKHA RADIO RELAY STATION		565110N 1045735E	UR	
KOBYLAKOVO RADIO RELAY STATION		563540N 1013300E	UR	S082099
SEDANOVO RADIO RELAY STATION		565610N 1011750E	UR	
YERSHOVA RADIO RELAY STATION		571250N 1015230E	UR	
BANSHCHIKOVO RADIO RELAY STATION		572820N 1021550E	UR	
UST YE ILIMA RADIO RELAY STATION		574420N 1022530E	UR	
MAYEIKA RADIO RELAY STATION		565927N 1061703E	UR	S080857
KIRENSK RADIO RELAY STATION		574200N 1080430E	UR	S080854
TURMA RADIO RELAY STATION		561158N 1005420E	UR	S082099
SAVELYEVKA RADIO RELAY STATION EAST		560655N 1001010E	UR	
NOVOCHUNKA RADIO RELAY STATION		560612N 0991335E	UR	
BRATSK TV CENTER		560925N 1013510E	UR	S080857
BRATSK TV CENTER		560925N 1013510E	UR	S082099

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BRATSK RADIO RELAY STATION OSINOVKA SE	561430N	1015605E	UR	
UST ILIMSK SA-5 COMPLEX A09 SITE C NEW	575903N	1025248E	UR	S079226
ALDAN RADIO RELAY STATION	583110N	1253040E	UR	S082098
NIZHNIY KURANAKH GOLD COMPLEX	584900N	1253200E	UR	S078542
NIZHNIY KURANAKH GOLD COMPLEX	584900N	1253200E	UR	S082140
ALDAN COMSAT STATION ORBITA	583140N	1253200E	UR	S080375
MAGADAN PORT FACILITIES NAGAYEVO	593343N	1504315E	UR	S080703
OKHOTSK AIRFIELD	592438N	1430311E	UR	S081701
YELOVKA SPACE TRACKING FACILITY NNE	571424N	1613140E	UR	S078281
YELOVKA SPACE TRACKING FACILITY NNE	571424N	1613140E	UR	S078268
YELOVKA SPACE TRACKING FACILITY NNE	571424N	1613140E	UR	S081020
YELOVKA SPACE TRACKING FACILITY NNE	571424N	1613140E	UR	S081006
KLYUCHI COMSAT STATION	561823N	1605200E	UR	S080026
TYURATAM/KAMCHATKA MTC IMPACT TRACKING FAC G	570142N	1620114E	UR	S078285
TYURATAM/KAMCHATKA MTC IMPACT TRACKING FAC G	570142N	1620114E	UR	S078271
TYURATAM/KAMCHATKA MTC IMPACT TRACKING FAC G	570142N	1620114E	UR	S081641
TYURATAM/KAMCHATKA MTC IMPACT TRACKING FAC G	570142N	1620114E	UR	S081626
UST KAMCHATSK RADAR FAC FLAT TWIN ABM-X-3 RDR	561606N	1624412E	UR	S078537
UKA/KAMCHATKA HEN EGG IMPACT TRACKING FACIL A	575615N	1620120E	UR	S078618
KAMCHATKA MISSILE IMPACT AREA ZETA ICBM CRTS	572300N	1614100E	UR	S079602
KAMCHATKA MISSILE IMPACT AREA ZETA ANTENNAS	572300N	1614100E	UR	S080367
UST KAMCHATSK PORT FACILITIES	561257N	1623045E	UR	S080705

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KLYUCHI RADIO COMMUNICATIONS XMTR STATION 2		561542N 1604652E	UR	S078261
KLYUCHI RADIO COMMUNICATIONS XMTR STATION 2		561542N 1604652E	UR	S081092
KLYUCHI RADIO RELAY STATION		561830N 1605100E	UR	S081892
OSSORA AIRFIELD POL STORAGE CAPACITY		591420N 1630312E	UR	S081913
KARGAT RADIO RELAY STATION NORTH		551220N 0801705E	UR	S079903
VICAK SPACE TRACKING FACILITY		573330N 0215100E	UR	S081707
VICAK SPACE TRACKING FACILITY		573330N 0215100E	UR	S081863
LIEPAJA PORT FACILITIES COMMERCIAL		563118N 0205913E	UR	S080523
LIEPAJA NAVAL BASE + SHIPYARD		563248N 0210153E	UR	S082037
LIEPAJA NAVAL BASE + SHIPYARD		563248N 0210153E	UR	
LIEPAJA NAVAL BASE WINTER HARBOR G-2 CL SSB		563121N 0205935E	UR	S078256
LIEPAJA NAVAL BASE G-2 CL SSB BERTHING FACILS		563121N 0205935E	UR	S080323
LIEPAJA NAVAL FACILITIES APPROACHES		563100N 0210100E	UR	S082036
VAINODE AIRFIELD AAM STORAGE POTENTIAL		562422N 0215326E	UR	S078494
VAINODE AIRFIELD HANGARETTES		562420N 0215314E	UR	S080178
VENTSPILS AIRFIELD SOUTH POL STORAGE CAPACITY		572149N 0213330E	UR	S081129
SIVERSKIY ELECTRONICS FACILITY PROB		592645N 0300710E	UR	S079956
SIVERSKIY ELECTRONICS FACILITY PROB		592645N 0300710E	UR	S081394
SIVERSKIY ELECTRONICS FACILITY PROB RADOMES		592645N 0300710E	UR	S081528
LENINGRAD SHIPPING TERMINAL LESNOY		595252N 0301220E	UR	S080751
LYURBAN RADIO RELAY STATION		592048N 0311505E	UR	S081400
MALAYA VISHERA RADIO RELAY STATION		585035N 0321350E	UR	
KRASNY UDARNIK RADIO RELAY STATION		585125N 0312915E	UR	
TORBINO RADIO RELAY STATION		583512N 0325320E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD ELECTRONICS FACILITY		595613N 0301341E	UR	S079956
RIGA MILITARY SCHOOL SIGNAL UNIT		565720N 0240420E	UR	S078951
CHUDOVO RADIO RELAY STATION		590745N 0314015E	UR	S081400
POLTSAMAA BOMBING RANGE		582900N 0261200E	UR	S078354

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SIAULIAI MILITARY TRAINING AREA FACILITY U/I		560321N 0232048E	UR	S078804
HARA GUBA NAVAL TEST FACILITY PROB		593518N 0253657E	UR	S078061
JELGAVA BUS PLANT EXPANSION		563934N 0234610E	UR	S078560
LENINGRAD/GORELOVO AIRFIELD GCA SITE		594555N 0300443E	UR	S078425
SIVERSKIY AW RADAR FACILITY		592040N 0295800E	UR	S080327
LENINGRAD SPACE TRACKING FACILITY		594300N 0301000E	UR	S081863
SIVERSKIY AIRFIELD GCA SITE		592124N 0300207E	UR	S080327
LENINGRAD ELECTRICAL EQUIPMENT PLANT KIROV 38		595252N 0301940E	UR	S081773
LENINGRAD ELECTRICAL EQUIPMENT PLANT KIROV 38		595252N 0301940E	UR	S082052
RIGA PORT FACILITIES SOUTH		565821N 0240541E	UR	S080942
LENINGRAD HEAVY EQUIPMENT PLANT KIROV 185		595302N 0301456E	UR	S080325
LENINGRAD SHIPYARD ZHDANOV 190 PROD/EXPANSION		595233N 0301406E	UR	S078544
LENINGRAD SHIPYARD ZHDANOV CTRL DESIGN BUR 53		595233N 0301406E	UR	S079612
LENINGRAD SHIPYARD ZHDANOV 190 CONST HALL XL		595233N 0301406E	UR	S079596
LENINGRAD SHIPYARD ZHDANOV VYTEGRALES CL CONV		595233N 0301406E	UR	S079593

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD SHIPYARD ZHDANOV 190		595233N 0301406E	UR	S080111
LENINGRAD SHIPYARD ZHDANOV COMBATANT NEW U/C		595233N 0301406E	UR	S080733
LENINGRAD SHIPYARD ZHDANOV VYTEGRALES CL CONV		595233N 0301406E	UR	S080637
LENINGRAD SHIPYARD ZHDANOV 190 CONST NEW		595233N 0301406E	UR	S080268
LENINGRAD SHIPYARD ZHDANOV VYTEGRALES CL MOD		595233N 0301406E	UR	S080591
LENINGRAD SHIPYARD ZHDANOV 190 FACIL NEW U/C		595233N 0301406E	UR	S081558
LENINGRAD SHIPYARD PETROVSKIY PROD/EXPANSION		595736N 0301512E	UR	S078544
LENINGRAD SHIPYARD PETROVSKIY PETR B		595736N 0301512E	UR	S078110
LENINGRAD SHIPYARD PETROVSKIY		595736N 0301512E	UR	S080115
LENINGRAD SHIPYARD PETROVSKIY SS-N-7 MSL CRT		595736N 0301512E	UR	S080626
LENINGRAD SHIPYARD PETROVSKIY SS-N-7 MSL CRT		595736N 0301512E	UR	
LENINGRAD SHIPYARD NANUCHKA/SARANCHA CONST		595736N 0301512E	UR	S081530
LENINGRAD SHIPYARD SUDOMEKH 196 PROD/EXPSN		595542N 0301649E	UR	S078544
LENINGRAD SHIPYARD SUDOMEKH PRESSURE HULLS		595542N 0301649E	UR	S078588
LENINGRAD SHIPYARD SUDOMEKH PRESSURE HULLS		595542N 0301649E	UR	S079318
LENINGRAD SHIPYARD SUDOMEKH 196		595542N 0301649E	UR	S080114
LENINGRAD SHIPYARD SUDOMEKH SUBMERSIBLES SRCH		595542N 0301649E	UR	S079784
LENINGRAD SHIPYARD SUDOMEKH 196		595542N 0301649E	UR	S080481
LENINGRAD SHIPYARD ADMIRALTY 194 PRODUCTION		595502N 0301618E	UR	S078544
LENINGRAD SHIPYARD ADMIRALTY 194 SUB U/I		595502N 0301618E	UR	S078370
LENINGRAD SHIPYARD ADMIRALTY ENVRNMTL COVER		595502N 0301618E	UR	S078202
LENINGRAD SHIPYARD ADMIRALTY 194 194C CL U/C		595502N 0301618E	UR	S079594

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD SHIPYARD ADMIRALTY 194		595502N 0301618E	UR	S080112
LENINGRAD SHIPYARD ADMIRALTY 194		595502N 0301618E	UR	S080481
LENINGRAD SHIPYARD ADMIRALTY 194 SUB CMPNTS		595502N 0301618E	UR	S080278
LENINGRAD SHIPYARD ADMIRALTY ARDD/ENCLOSURE		595502N 0301618E	UR	S080927
PETROKREPOST EXPLOSIVES/SOLID MTR PLT MOROZOV		595914N 0305935E	UR	S078042
PETROKREPOST EXPLOSIVES/SOLID MTR PLT MOROZOV		595914N 0305935E	UR	
LENINGRAD APPLIED CHEMISTRY INSTITUTE		595655N 0301802E	UR	
LENINGRAD APPLIED CHEMISTRY INSTITUTE		595655N 0301802E	UR	S081535
LOMONOSOV PORT FACILITIES		595537N 0294632E	UR	S080668
TALLINN PORT COMPLEX		592643N 0244629E	UR	S080641
PARNU PORT FACILITIES		582310N 0242928E	UR	S080530
LENINGRAD MILITARY SUPPLY DEPOT DQ2 CIV PROB		595125N 0302600E	UR	S080258
LENINGRAD MILITARY SUPPLY DEPOT DQ2 CIV PROB		595125N 0302600E	UR	
KOLPINO SHIPYARD MIDDLE NEVA KOLPINO A U/C		594716N 0303754E	UR	S079906
KOLPINO SHIPYARD MIDDLE NEVA		594716N 0303754E	UR	S080272
KOLPINO SHIPYARD KOLPINO A MSF MSL LCHR ARMD		594716N 0303754E	UR	S081329
LUGA ARMY BARRACKS AL1 HEAVY ARTILLERY BRGD		584506N 0294926E	UR	S080309
BULYZHINO NUCLEAR WPN STGE SECURITY GDS TRNG		561257N 0281851E	UR	S081351
HAAPSALU SA-2 SITE A26 ECM EQUIPMENT		585553N 0232642E	UR	S080510
NOVGOROD TV RELAY + FM BROADCAST STATION		583117N 0311716E	UR	S081400
LENINGRAD SHIPYARD BALTIYSK 189A CL AUX PROB		595518N 0301537E	UR	S079595
LENINGRAD SHIPYARD BALTIYSK ORDZHONIKIDZE 189		595518N 0301537E	UR	S080113

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD SHIPYARD BALTIYSK ORDZHONIKIDZE 189		595518N 0301537E	UR	S080420
KOLPINO HEAVY EQUIPMENT PLANT IZHORA ZHDANOV		594535N 0302955E	UR	S081773
KOLPINO HEAVY EQUIPMENT PLANT IZHORA ZHDANOV		594535N 0302955E	UR	S082052
LENINGRAD MACHINE + MISSILE PLT 232 SH-4 LCHR		595132N 0302919E	UR	S078158
LENINGRAD MACHINE + MISSILE PLT 232 SH-4 LCHR		595132N 0302919E	UR	
LENINGRAD MACHINE + MISSILE PLT BOLSHEVIK 232		595129N 0302919E	UR	S081868
LENINGRAD MACHINE + MISSILE PLT BOLSHEVIK 232		595129N 0302919E	UR	
LENINGRAD METALS PLANT 22ND PARTY CONGRESS		595748N 0302320E	UR	S081773
LENINGRAD METALS PLANT 22ND PARTY CONGRESS		595748N 0302320E	UR	S082052
LOKSA PORT FACILITIES		593506N 0254224E	UR	S080667
NOVGOROD CHEMICAL COMBINE		583652N 0311322E	UR	S080881
LENINGRAD TROPOSCATTER TEST STATION KOLTUSHI		595610N 0304010E	UR	S079956
KINGISEPP MONAMMONIUM PHOSPHATE PLANT		592200N 0283600E	UR	S081475
NOVOLISINO RADIO RELAY STATION		594040N 0304200E	UR	S081400
MARCIENA MISSILE SUPPORT FACIL RPV/DRONE POSS		564650N 0260500E	UR	S080891
LOMONOSOV NUCLEAR POWER PLANT LENINGRAD		595115N 0290250E	UR	S078047
LENINGRAD SHIPBUILDING RSCH INST NORTH KRYLOV		594930N 0302145E	UR	S079612
VEROLANTSY RADIO COMMO RECEIVER STA KRUG SUPT		593351N 0295237E	UR	S079706
LENINGRAD SHIPBUILDING RSCH INST 45 KRYLOV		594930N 0302130E	UR	S079612
LENINGRAD NAVAL SCIENTIFIC RESEARCH INST 303		595500N 0301500E	UR	
LENINGRAD SHIPBUILDING INSTITUTE		595100N 0301600E	UR	
LENINGRAD TROPOSCATTER TEST FACILITY KOLTUSHI		595643N 0304211E	UR	S082091
TALSI SPACE TRACKING FACILITY		571702N 0223555E	UR	S081863
HAAPSALU TROPOSCATTER TEST STATION		585630N 0232730E	UR	S082091

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD ORDNANCE DEPOT		595910N 0302220E	UR	S080257
LENINGRAD NAVAL/SHIPYARD FACILS APPROACHES		5955 N 03015 E	UR	S080110
SIGULDA GCC RELOCATION SITE BUNKER		571525N 0250420E	UR	S079520
ANDREAPOL AIRFIELD AAM STORAGE POTENTIAL		563832N 0321851E	UR	S078486
HAAPSALU AIRFIELD AAM STORAGE POTENTIAL		585441N 0232928E	UR	S078483
HAAPSALU AIRFIELD HANGARETTES		585441N 0232928E	UR	S080172
KRUSTPILS AIRFIELD AIR O/B		563206N 0255330E	UR	S079805
KRUSTPILS AIRFIELD HANGARETTES		563206N 0255330E	UR	S080173
LENINGRAD/GORELOVO AIRFIELD		594556N 0300432E	UR	S078425
LENINGRAD/GORELOVO AIRFIELD AIR O/B		594556N 0300432E	UR	S079806
PUSHKIN AIRFIELD CAMEL TU-104 MODIFIED		594106N 0302018E	UR	S079242
PUSHKIN AIRFIELD CAMEL TU-104 MODIFIED		594106N 0302018E	UR	S079785
KRECHEVITSY AIRFIELD CANDID IL-76		583729N 0312255E	UR	S080061
OSTROV/GOROKHOVKA AIRFIELD AS-9 SHIPPING CONT		571748N 0282555E	UR	S078127
OSTROV/GOROKHOVKA AIRFIELD AS-9 SHIPPING CONT		571748N 0282555E	UR	
OSTROV/GOROKHOVKA AIRFIELD SIGINT BN MBL SRCH		571748N 0282555E	UR	S078563
OSTROV/GOROKHOVKA AIRFIELD RAIL CARS		571748N 0282555E	UR	S080164
OSTROV/GOROKHOVKA AIRFIELD RAIL CARS		571748N 0282555E	UR	
OSTROV/GOROKHOVKA AIRFIELD CONSTRUCTION ACT		571748N 0282555E	UR	S081885
VASALEMMA AIRFIELD HANGARETTES		591536N 0241227E	UR	S080253
PARNU AIRFIELD AAM STORAGE POTENTIAL		582509N 0242821E	UR	S078484
PARNU AIRFIELD HANGARETTES		582509N 0242821E	UR	S080174
RIGA/RUMBULA AIRFIELD AAM STORAGE POTENTIAL		565300N 0241337E	UR	S078481

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
RIGA/RUMBULA AIRFIELD HANGARETTES		565300N 0241337E	UR	S080176
RIGA AIRFIELD WEST		565525N 0235817E	UR	S078522
ROPSHA AIRFIELD		594210N 0294912E	UR	S080526
KURESSAARE AIRFIELD		581345N 0223025E	UR	S078344
SIVERSKIY AIRFIELD		592120N 0300203E	UR	S078519
SIVERSKIY AIRFIELD HANGARETTES		592120N 0300203E	UR	S080170
SIVERSKIY AIRFIELD ELECTRONICS EQUIPMENT		592120N 0300203E	UR	S081394
SOLTSY AIRFIELD CRATES/CANISTERS U/I COMP		580822N 0301914E	UR	S078263
SOLTSY AIRFIELD BACKFIRE B		580822N 0301914E	UR	S079954
TALLINN/LASNAMEE AIRFIELD POL STORAGE SEARCH		592659N 0245236E	UR	S079819
TAPA AIRFIELD AAM STORAGE POTENTIAL		591411N 0255714E	UR	S078521
TAPA AIRFIELD HANGARETTES		591412N 0255718E	UR	S080177
TUKUMS AIRFIELD FENCER A SU-19 IDENTIFICATION		565636N 0231329E	UR	S079951
TUKUMS AIRFIELD HANGARETTES		565633N 0231327E	UR	S080254
VOHMA AIRFIELD		583942N 0253446E	UR	S078952
NOVGOROD AIRFIELD SW		582947N 0311347E	UR	S080566
GDOV AIRFIELD AAM STORAGE POTENTIAL		584853N 0280050E	UR	S078482
GDOV AIRFIELD HANGARETTES		584853N 0280050E	UR	S080118
LUGA AIRFIELD SE POL STORAGE CAPACITY		584050N 0300240E	UR	S081239
JELGAVA/TERVETE AIRFIELD POL STORAGE CAPACITY		562806N 0232617E	UR	S081658
TORVA AIRFIELD NORTH		581121N 0255652E	UR	S079085
MESKUICIAI AIRFIELD		560415N 0233320E	UR	S081143

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
RAKVERE/VAINUPAA AIRFIELD POL STGE/AAM BUNKER		593210N 0261850E	UR	S081270
IVANKOVO ELECTRONICS R+D FACILITY PROB		564350N 0370600E	UR	S079956
IVANKOVO ELECTRONICS R+D FACILITY PROB		564350N 0370600E	UR	S081014
IVANKOVO ELECTRONICS R+D FACILITY PROB		564350N 0370600E	UR	S081097
GORKIY RADAR PLANT SORMOVO TEST/CHECKOUT FAC		562040N 0434918E	UR	S079956
KLIN RADIO RELAY STATION		561948N 0364250E	UR	S079310
KLIN RADIO RELAY STATION		561948N 0364250E	UR	S081400
PRAVDINSK RADAR R+D FACILITY		562740N 0432130E	UR	S079956
SPIROVO RADIO RELAY STATION		572520N 0350000E	UR	S081400
LIKHOSLAVL RADIO RELAY STATION		570720N 0352755E	UR	
TORZHOK RADIO RELAY STATION		565836N 0345459E	UR	
KALININ RADIO RELAY + TV BROADCAST CENTER		565633N 0354342E	UR	
KALININ RADIO RELAY + TV BROADCAST CENTER		565633N 0354342E	UR	
BOLOGOYE RADIO RELAY STATION		575340N 0340325E	UR	
LYKOSHINO RADIO RELAY STATION		580615N 0334320E	UR	
OKULOVKA RADIO RELAY STATION		582215N 0331740E	UR	
KALININ RADIO RELAY STATION		565018N 0355335E	UR	

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
[Redacted]	KOSTROMA SSM CPLX SILO MAT RCVG TYPE 3H CMPNT	575055N	0411445E	UR	S080448
	UDOMLYA NUCLEAR POWER STATION PROB U/C	575420N	0350420E	UR	S078047
	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
	KALININ RADAR TEST FACILITY	565300N	0355600E	UR	S079956
	GORKIY ECM DEPOT ZIL-157 ECM VEHICLE NEW PROB	561833N	0435025E	UR	S079626
	VOLOKOLAMSK RADAR R+D FACILITY	560110N	0360730E	UR	S079956
PETROVSKOYE CIVIL DEFENSE STORAGE BKR PROB	570020N	0391700E	UR	S080166	
MOSKVA ABM COMPLEX E03 AA-6 CANISTER STORAGE	562343N	0381119E	UR	S081368	
MOSKVA ABM COMPLEX E03 AA-6 CANISTER STORAGE	562343N	0381119E	UR	S081368	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
GORKIY MOTOR VEHICLE PLANT GAZ		561448N 0435341E	UR	S079094
GORKIY MOTOR VEHICLE PLANT BTR-60PB MOD IDENT		561448N 0435341E	UR	S080602
GORKIY MOTOR VEHICLE PLANT BTR-60PB MOD IDENT		561448N 0435341E	UR	
GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21		561916N 0435100E	UR	S079436
GORKIY AIRFRAME PLT FOXBAT MIG-25 WING MODIF		561916N 0435100E	UR	S081407
KALININ RAILROAD LOCO/CAR MFG/RPR PLT ACT REV		565205N 0355115E	UR	S079772
GORKIY ARMAMENTS PLT NOVOYE SORMOVO STALIN 92		561936N 0435321E	UR	S078056
GORKIY ARMAMENTS PLANT NOVOYE SORMOVO ACT REV		561936N 0435326E	UR	S079772
GORKIY ARMAMENTS PLANT SA-X-10 GSE IDENT		561936N 0435321E	UR	S081275
GORKIY ARMAMENTS PLANT SA-X-10 GSE IDENT		561936N 0435321E	UR	
DZERZHINSK EXPLOSIVES + AMMO LDG SVERDLOV 80		561633N 0432318E	UR	S079465
IVANKOVSKIY GUIDED MISSILE PLANT ASM CRT POSS		564521N 0370700E	UR	S078805
IVANKOVSKIY GUIDED MISSILE PLANT		564521N 0370700E	UR	S079985
IVANKOVSKIY GUIDED MISSILE PLANT		564521N 0370700E	UR	S080008
KLIN MACHINE TOOL PLANT		561937N 0364154E	UR	S082047
GORKIY PORT COMPLEX VOLGA RIVER		562016N 0435727E	UR	S079207
GORKIY PETROLEUM PRODUCTS STORAGE SHIPYARD		562051N 0435422E	UR	
GORKIY PORT COMPLEX OKA RIVER		561401N 0435447E	UR	
YAROSLAVL RAILROAD CONSTRUCTION ENGINEER BKS		573948N 0395501E	UR	S081283
VOLOGDA RAILROAD CONSTRUCTION ENGINEER BKS		591405N 0394020E	UR	S081120
KOVROV ARMY BARRACKS NE AL2		562301N 0411950E	UR	S081857
KINESHMA ARMY BARRACKS AL1 CHEMICAL DEF BRGD		572530N 0421020E	UR	S080495
LOZHKI RADIO COMMUNICATIONS TRANSMITTER CPLX		560502N 0370629E	UR	S079703
GORKIY ARMY BARRACKS SORMOVO NW AL9		562039N 0434755E	UR	S080799

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
IVANOVO CRANE PLANT ACTIVITY REVIEW		565819N 0405715E	UR	S079772
ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK		562544N 0381055E	UR	S079695
ZAGORSK ROCKET ENGINE TEST FACILITY CONST		562544N 0381055E	UR	S079609
ZAGORSK ROCKET ENGINE TEST FACILITY CONST		562544N 0381055E	UR	S079608
ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK		562544N 0381055E	UR	S079474
ZAGORSK ROCKET ENGINE TEST FACIL TEST STAND 4		562544N 0381055E	UR	S081194
KOSTROMA CONSTRUCTION/GM SUPT PLANT ACT REV		574534N 0405333E	UR	S079772
KOSTROMA CONSTRUCTION/GM SUPT PLANT ACT REV		574534N 0405333E	UR	
GORKIY SHIPYARD 112 PRODUCTION/EXPANSION		562142N 0435228E	UR	S078544
GORKIY SHIPYARD 112 APRON/TRANSVERSER EXT		562142N 0435228E	UR	S078142
GORKIY SHIPYARD 112		562142N 0435228E	UR	S079207
GORKIY SHIPYARD 112 T CLASS SS PRODUCTION		562142N 0435228E	UR	S078590
GORKIY SHIPYARD 112 SPECIAL DESIGN BUREAU 112		562142N 0435228E	UR	S079612
GORKIY SHIPYARD 112		562142N 0435228E	UR	S079361
GORKIY SHIPYARD 112 C-2 SSGN/V-2 SSN CONST		562142N 0435228E	UR	S080333
GORKIY SHIPYARD 112 HYDROFOIL/ACV ACTIVITY		562142N 0435228E	UR	S081390
GORKIY SHIPYARD 112 T CLASS SS LAUNCH		562142N 0435228E	UR	S081381
KIRZHACH SPACE TRACKING FACILITY		560312N 0383012E	UR	S080633
KIRZHACH SPACE TRACKING FACILITY		560312N 0383012E	UR	S081863
KRASNOARMEYSK SOLID MTR DEV FAC RKT CONT NEW		560750N 0380954E	UR	S078140
KRASNOARMEYSK SOLID MTR DEV SS-N-9 MODIF POSS		560750N 0380954E	UR	S078423

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
REPIKHOVO RADIO RELAY + RADIO COMMO XMTR STA		561407N 0380018E	UR	S081015
KIRZHACH AMMUNITION DEPOT DA1		560550N 0384500E	UR	S080839
GORKIY ELECTRONICS RESEARCH FACILITY		561735N 0434510E	UR	S079956
GORKIY/SORMOVO RADAR ASBLY + TEST CLAM SHELL		561925N 0434842E	UR	S078536
GORKIY/SORMOVO RADAR ASSEMBLY + TEST AREA		561925N 0434842E	UR	S079956
GORODNYA RADIO RELAY STATION		564155N 0362015E	UR	S079310
GORODNYA RADIO RELAY STATION		564155N 0362015E	UR	S081400
UGLOVKA RADIO RELAY STATION		581430N 0332945E	UR	
CHEREPOVETS NITROGEN FERTILIZER PLANT		590915N 0374940E	UR	S081447
BOROVICHI RADIO RELAY STATION		582247N 0335528E	UR	S081400
SAVELYEVO RADIO RELAY STATION		560803N 0370420E	UR	
VALDAY RADIO RELAY + TV RELAY STATION		575840N 0331520E	UR	
VALDAY RADIO RELAY + TV RELAY STATION		575840N 0331520E	UR	
VLADIMIR SRF ARMY RADIO XMTR BKR NO SIG CHNG		561351N 0400551E	UR	S080702
DANILOV RADIO RELAY STATION		581028N 0401100E	UR	S081799
DZERZHINSK ARMY BARRACKS AL1		561440N 0432858E	UR	S081858
KIRZHACH TACTICAL SSM SUPPORT FACILITY		560610N 0384455E	UR	S080839
PUSHKINO SPACE TRACKING FACILITY		560055N 0380029E	UR	S081863
OLGOVO COMMAND CONTROL FACILITY BUNKER U/I		561200N 0372110E	UR	S081544
RZHEV COMMAND CONTROL FACILITY EAST BKR U/I		561455N 0342820E	UR	S081702
KUVSHINOVO RADIO RELAY STATION ESE		570100N 0341610E	UR	S081400
LYUBIM RADIO RELAY STATION		582055N 0404225E	UR	S081799

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
GORKIY GRAIN ELEVATOR + FLOUR MILL		561910N 0435820E	UR	S079207
GORKIY GRAIN ELEVATOR + FLOUR MILL		561910N 0435820E	UR	
GORKIY GRAIN ELEVATOR + FLOUR MILL NORTH		561826N 0435704E	UR	
GORKIY GRAIN ELEVATOR + FLOUR MILL NORTH		561826N 0435704E	UR	
ZELENOGRAD COMMAND CNTRL RCVR BKR U/I TOWER		560135N 0371255E	UR	S081051
KOSTROMA SSM COMPLEX LCF II BI-GRID ANT HARD		575107N 0411628E	UR	S081136
LYUTOVO ENGINEER DEPOT		572912N 0400740E	UR	S081118
KOSTROMA SSM COMPLEX ICBM TYPE 3X LCF		575115N 0414538E	UR	S080689
BEZHETSK AIRFIELD AAM STORAGE POTENTIAL		574331N 0363856E	UR	S078645
BEZHETSK AIRFIELD GSE INVENTORY		574331N 0363856E	UR	S078552
GORKIY/SORMOVO AIRFIELD FOXBAT C AA-6 ARMED		561905N 0434740E	UR	S078141
GORKIY/SORMOVO AIRFIELD FOXBAT C AA-6 ARMED		561905N 0434740E	UR	
GORKIY/SORMOVO AIRFIELD FOXBAT MIG-25 MODIF		561905N 0434740E	UR	S079236
KLETINO AIRFIELD POL STORAGE CAPACITY		564752N 0371952E	UR	S079917
KLIN AIRFIELD AAM STORAGE POTENTIAL		562159N 0364405E	UR	S078643
OSTASHKOV/KRAPIVNYA AIRFIELD		570440N 0332324E	UR	S080570
PRAVDINSK AIRFIELD AAM STORAGE POTENTIAL		563119N 0432853E	UR	S078647
PRAVDINSK AIRFIELD HANGARETTES		563119N 0432853E	UR	S080262
RZHEV AIRFIELD AAM STORAGE POTENTIAL		561538N 0342432E	UR	S078644
RYBINSK AIRFIELD NE		580613N 0385537E	UR	S079529
RYBINSK AIRFIELD NE		580613N 0385537E	UR	S080342
YAROSLAVL/TUNOSHNOYE AIRFIELD AAM STGE PTNTL		573335N 0400916E	UR	S078646
BORISOVSKIY AIRFIELD AAM STORAGE POTENTIAL		573921N 0340558E	UR	S078930
LIKHOSLAVL/KRYUCHKOVO AIRFIELD POL STORAGE		570415N 0353002E	UR	S079969

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
IVANQVO/ZHUKOVKA AIRFIELD POL STORAGE CPCTY		565634N 0405713E	UR	S081659
RZHEV/BAKHMUTOVO AIRFIELD		562218N 0340520E	UR	S079531
RZHEV/BAKHMUTOVO AIRFIELD		562218N 0340520E	UR	S080528
CHKALOVSK AIRFIELD POL STORAGE SEARCH		564140N 0431140E	UR	S079815
YEDROVO SSM COMPLEX SS-7/SS-11/SS-17 ACT		574640N 0331315E	UR	S078580
YEDROVO SSM COMPLEX ANTENNAS HARDENED		574640N 0331315E	UR	S079664
YEDROVO SSM COMPLEX PROPELLANT HANDLING		574640N 0331315E	UR	S079223
YEDROVO SSM COMPLEX ICBM TYPE 3D/3H GDNC FACS		574640N 0331315E	UR	S079475
YEDROVO SSM COMPLEX SS-11 ACTIVITY		574640N 0331315E	UR	S080315
YEDROVO SSM COMPLEX ICBM DEPLOYMENT		574640N 0331315E	UR	S081068
TEYKOVO SSM COMPLEX SS-7/SS-11 ACTIVITY		564405N 0404054E	UR	S078580
TEYKOVO SSM COMPLEX SS-11 ACTIVITY		564405N 0404054E	UR	S080315
KOSTROMA SSM COMPLEX SS-7/SS-11 ACTIVITY		574345N 0413758E	UR	S078580
KOSTROMA SSM COMPLEX PROPELLANT HANDLING		574345N 0413758E	UR	S079223
KOSTROMA SSM COMPLEX SS-11 ACTIVITY		574345N 0413758E	UR	S080315
KIROV U/I INSTALLATION U/C		584421N 0494019E	UR	S081583
KIROV MISSILE + A/C PLANT SA-3/SA-N-1/3 CANS		583834N 0493709E	UR	S080625
KIROV MISSILE + A/C PLANT SA-3/SA-N-1/3 CANS		583834N 0493709E	UR	
KIROV MISSILE + A/C PLANT SA-3/SA-N-1/3 CANS		583834N 0493709E	UR	
BOR SHIPYARD TEPLKHOV		562104N 0440427E	UR	S079207
GORKIY PETROLEUM PRODUCTS STORAGE BOR		562015N 0440505E	UR	
IZHEVSK SMALL ARMS PLANT 524 EXPANSION		565157N 0531315E	UR	S081395

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VOTKINSK MISSILE/MACHINE/STEEL PLANT 235	570242N	0535903E	UR	S078584
VOTKINSK MISSILE/MACHINE/STEEL PLANT 235	570242N	0535903E	UR	
VOTKINSK MISSILE/MACHINE/STEEL PLANT 235	570242N	0535903E	UR	S080291
VOTKINSK MISSILE/MACHINE/STEEL PLANT 235	570242N	0535903E	UR	
YURYA ICBM HQ RADIO COMMUNICATIONS RCVR STA	590615N	0491800E	UR	S078262
YOSHKAR OLA ICBM SITE 25B SS-13 LDG/UNLDG OP	564525N	0484551E	UR	S081719
SOSNOVKA BOATYARD SURFACE EFFECT SHIPS	561450N	0511650E	UR	S080622
BOR TRANSSHIPMENT POINT	562010N	0440445E	UR	S079207
YURYA ICBM HQ RADIO RELAY/COMMO XMTR STATION	584400N	0493130E	UR	S078262
SHAKHUNYA RADIO RELAY + TV BROADCAST STATION	573940N	0463920E	UR	S080858
SHAKHUNYA RADIO RELAY + TV BROADCAST STATION	573940N	0463920E	UR	
VOTKINSK MISSILE ASSEMBLY + CHECKOUT FACILITY	570218N	0540820E	UR	S078584
VOTKINSK MISSILE ASSEMBLY + CHECKOUT FACILITY	570218N	0540820E	UR	S080291
CHEBOKSARY TRACTOR PLANT	560723N	0471958E	UR	S078551
YOSHKAR OLA CIVIL FACILITY BUNKERED U/I	563642N	0475320E	UR	S079303
IZHEVSK AIRFIELD SOUTH SS-X-20 RLTD ACT SRCH	564549N	0531132E	UR	S081354
IZHEVSK AIRFIELD SOUTH SS-X-20 RLTD ACT SRCH	564549N	0531132E	UR	
YOSHKAR OLA AIRFIELD AAM STORAGE POTENTIAL	563936N	0480159E	UR	S078823
CHEBOKSARY AIRFIELD	560522N	0472016E	UR	S078395
IZHEVSK AIRFIELD EAST SS-X-20 RLTD ACT SEARCH	565057N	0531749E	UR	S081354
IZHEVSK AIRFIELD EAST SS-X-20 RLTD ACT SEARCH	565057N	0531749E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SOVETSK AIRFIELD POL STORAGE CAPACITY		573355N 0485731E	UR	S081656
LYANGASOVO AIRFIELD POL STORAGE CAPACITY		582952N 0492110E	UR	S079853
LEBYAZHYE/VYATKA AIRFIELD		572410N 0493200E	UR	S081657
PERM SRF BARRACKS		580220N 0561610E	UR	S078193
NIZHNIY TAGIL MILITARY DEPOT CIV STGE PROB		575605N 0595330E	UR	S081285
NIZHNIY TAGIL MILITARY DEPOT CIV STGE PROB		575605N 0595330E	UR	
PERM CIVIL FACILITY BUNKERED U/I		580040N 0560200E	UR	S079301
PERM ELECTROTECHNICAL PLANT		575908N 0561220E	UR	S079337
ARAMIL KRUG DF FACILITY		564728N 0605442E	UR	S079841
NIZHNIY TAGIL RAILROAD CAR PLT ENVRNMTL SHLTR		575540N 0600540E	UR	S078377
NIZHNIY TAGIL RAILROAD CAR MFG PLT KAGAN 183		575540N 0600540E	UR	S080809
KAMENSK URALSKIY AIRCRAFT PARTS PLANT 268		562053N 0615915E	UR	S078923
BEREZNIKI CHEMICAL COMBINE		592419N 0564419E	UR	S078049
SVERDLOVSK GUIDED MSL PLANT 8 ENVRNMTL SHLTR		565213N 0603707E	UR	S078377
SVERDLOVSK GUIDED MISSILE PROD PLT 8 ACT REV		565213N 0603707E	UR	S079772
SVERDLOVSK GUIDED MISSILE PROD PLT 8 SA-4 CAN		565213N 0603707E	UR	S080625
KRASNOURALSK CHEMICAL FERTILIZER PLANT 758		582058N 0600332E	UR	S081449
BEREZNIKI TITANIUM + MAGNESIUM PLANT		592715N 0564310E	UR	S078586
PERM ORDNANCE DEPOT CENTRAL D01		575930N 0561601E	UR	S078193
PERM ORDNANCE DEPOT CENTRAL D01 ARTILLERY		575930N 0561601E	UR	S080309
SVERDLOVSK ARMY BARRACKS AL7 + HQ MRD		564629N 0603454E	UR	S080434

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
[REDACTED]				
SVERDLOVSK ARMY BARRACKS PYSHMA AL8		565815N 0603620E	UR	S080264
ALAPAYEVSK ARMY BARRACKS		575032N 0613939E	UR	S078445
[REDACTED]				
TYUMEN SSM POSITION 3 DISMANTLED		565134N 0653344E	UR	S078367
[REDACTED]				
KRASNOURALSK EXPLOSIVES PLANT		581924N 0600625E	UR	S079469
NIZHNYAYA SALDA ROCKET ENG TEST HYDRO-FUELED		580930N 0605602E	UR	S081367
PERM ARMAMENT + GM SUPPORT EQUIPMENT PLT 172		580218N 0561822E	UR	S078595
PERM ARMAMENT + GM SUPPORT EQUIPMENT PLT 172		580218N 0561822E	UR	
PERM ARMAMENT + GM SUPT EQUIP PLT 172 ACT REV		580218N 0561822E	UR	S079772
PERM ARMAMENT + GM SUPT EQUIP PLT 172 ACT REV		580218N 0561822E	UR	
PERM SOLID MOTOR PRODUCTION PLANT MODIFS		575906N 0555320E	UR	S078107
PERM ARMY BARRACKS AL2		575931N 0561552E	UR	S078193
PERM MILITARY TRAINING AREA TA1		580022N 0562500E	UR	
TYUMEN ARMY BARRACKS AL2/TRAINING AREA TA1		570454N 0654622E	UR	S081115
TYUMEN ARMY BARRACKS AL2/TRAINING AREA TA1		570454N 0654622E	UR	
ARAMIL RADIO COMMO RECEIVER STATION KRUG SUPT		564603N 0610225E	UR	S079841
PERM ORDNANCE DEPOT SOUTH D02		575759N 0561245E	UR	S078193
[REDACTED]				
ARTEMOVSKIY RADIO + TV RELAY STATION		572140N 0615050E	UR	S079164
ARTEMOVSKIY RADIO + TV RELAY STATION		572140N 0615050E	UR	
[REDACTED]				

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KUNGUR/PERM RADIO RELAY LINE SEARCH		572640N 0565824E	UR	S078827
SVERDLOVSK ARTILLERY RANGE SP GUN NEW PROB		570400N 0604230E	UR	S081388
PERM/BOLSHEVASINO AIRFIELD AAM STORAGE PTNTL		575458N 0560130E	UR	S078820
TYUMEN/PLEKHANOVA AIRFIELD		570840N 0652810E	UR	S079071
NIZHNIY TAGIL AIRFIELD NE AAM STORAGE PTNTL		575916N 0601354E	UR	S078822
TYUMEN AIRFIELD NW		571050N 0652040E	UR	S079132
PERM SSM COMPLEX SS-7/SS-11 ACTIVITY		573558N 0561511E	UR	S078580
TOMSK THERMAL POWER PLANT GRES NORTH		563710N 0844855E	UR	S078545
ANZHERO SUDZHENS'K RADIO RELAY + TV RELAY STA		560514N 0855807E	UR	S079903
ANZHERO SUDZHENS'K RADIO RELAY + TV RELAY STA		560514N 0855807E	UR	
KOLPASHEVO ESV TRACKING FACILITY		582011N 0825257E	UR	S081863
KOLPASHEVO ESV TRACKING FACIL 4-DISH CLUSTER		582011N 0825257E	UR	S081047
IVERKA RADIO RELAY STATION		561000N 0865500E	UR	S079903
KRASNYE ORLY RADIO RELAY STATION		561100N 0871400E	UR	
KRASNOYARSK RADAR TEST FACILITY PROB		560340N 0925230E	UR	S079956
KOROLENKO RADIO RELAY STATION		560826N 0982807E	UR	S082099
KRASNOYARSK SYNTHETIC RUBBER PLT CIV DEF BKRS		560100N 0925000E	UR	S079782
KRASNOYARSK SYNTHETIC RUBBER PLT CIV DEF BKRS		560100N 0925000E	UR	
GLADKAYA ICBM SITE 2 CRATER EARTH FILLED		562459N 0922702E	UR	S081726
KRASNOYARSK ROCKET ENGINE TEST FACILITY		560614N 0932550E	UR	S079184
KRASNOYARSK ROCKET ENGINE TEST FACILITY		560614N 0932550E	UR	S081983
YENISEYSK ESV TRACKING/MOLNIYA FACILITY		582643N 0921604E	UR	S081863

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
YENISEYSK ESV TRACKING/MOLNIYA FAC 4-DISH ANT		582643N 0921604E	UR	S081047
GLADKAYA SSM COMPLEX CP SS-X-20 RLTD ACT POSS		561419N 0921918E	UR	S079217
KRASNOYARSK ARMS PLANT VOROSHILOV 4		560054N 0925913E	UR	S079184
KRASNOYARSK ARMS PLANT VOROSHILOV 4		560054N 0925913E	UR	S081983
ACHINSK RADIO RELAY + TV RELAY STATION		561940N 0903000E	UR	S079903
ACHINSK RADIO RELAY + TV RELAY STATION		561940N 0903000E	UR	
SNEZHNITSA RADIO RELAY STATION NW		560630N 0922115E	UR	
NOVOCHERNORECHENSKIY RADIO RELAY STATION		561618N 0910635E	UR	
BOGOTOL RADIO RELAY STATION		561315N 0893245E	UR	
KLYUCHEVAYA RADIO RELAY STATION		561025N 0882045E	UR	
AKIMOVO ANNENKA RADIO RELAY STATION		560500N 0884830E	UR	
ZELEDEYEVO RADIO RELAY STATION		560640N 0915900E	UR	
GLADKAYA SSM R+D TEST PSTN SS-X-20 MARKERS		561625N 0922745E	UR	S081262
KANSK AIRFIELD SOUTH AAM STORAGE POTENTIAL		560724N 0953937E	UR	S078931
GLADKAYA SSM COMPLEX SS-7/SS-11 ACTIVITY		562324N 0922841E	UR	S078580
GLADKAYA SSM COMPLEX SS-11 ACTIVITY		562324N 0922841E	UR	S080315
TAYSHET RADIO RELAY + TV BROADCAST CENTER		555218N 0980920E	UR	S080857
TAYSHET RADIO RELAY + TV BROADCAST CENTER		555218N 0980920E	UR	
TULUN AIRFIELD NW		543455N 1003100E	UR	S080614
TOGUCHIN RADIO RELAY STATION PROB		551610N 0842134E	UR	S078471
KISELEVSK COAL GASIFICATION SITE U/G		535602N 0863850E	UR	S080660
KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392		552415N 0855809E	UR	S078229
KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392		552415N 0855809E	UR	S079463
BIYSK EXPLOSIVES PLANT		522945N 0850631E	UR	S079466
YURGA ARMAMENT PLANT 75 SILO COMPONENTS		554413N 0845447E	UR	S079245
YURGA ARMAMENT PLANT 75 SILO COMPONENTS		554413N 0845447E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
YURGA ARMAMENT PLANT 75 MISSILE RELATED PROD	554413N	0845447E	UR	S079780
YURGA ARMAMENT PLANT 75 MISSILE RELATED PROD	554413N	0845447E	UR	
BIYSK SOLID MOTOR PRODUCTION PLANT 1 MODIFS	522905N	0850710E	UR	S078107
BIYSK SOLID MOTOR PROD PLT 1 RKT MTR PROD NEW	522905N	0850710E	UR	S080404
KEMEROVO SOLID MOTOR PRODUCTION PLANT	552453N	0855834E	UR	S078229
KRASNOYARSK STEEL/HEAVY EQUIP/MSL SUPT PLANT	555946N	0925851E	UR	S079772
KRASNOYARSK STEEL/HEAVY EQUIP/MSL SUPT PLANT	555946N	0925851E	UR	
UZHUR ICBM SITE 27E TYPE 3C/3F SILO CONV CF	551439N	0895503E	UR	S081725
YURGA ARMY BARRACKS SE AL1 HVY ARTY BRGD POSS	554139N	0845941E	UR	S080309
YURGA ARMY BARRACKS SE AL1	554139N	0845941E	UR	S081123
ABAKAN ARMY BARRACKS AL1 + HEADQUARTERS MRD	534142N	0912335E	UR	S081115
BOLOTNOYE/MOSHKOVO RADIO RELAY LINE SUSP	553840N	0841750E	UR	S078471
BOLOTNOYE RADIO RELAY STATION	553840N	0841750E	UR	S079903
LITVINOVO RADIO RELAY STATION SOUTH	554920N	0852020E	UR	
BIYSK SOLID MOTOR TEST AREA 2 CONSTRUCTION	523119N	0850154E	UR	S081149
BIYSK SOLID MOTOR PRODUCTION PLANT 2	522850N	0850300E	UR	S080381
BIYSK SOLID MOTOR TEST AREA 1 RKT MTR TESTING	523050N	0850500E	UR	S080236
KEMEROVO AIRFIELD SE	551631N	0860648E	UR	S079112
UZHUR SSM COMPLEX SS-9/SS-18 ACTIVITY	551736N	0900138E	UR	S078467
UZHUR SSM COMPLEX PROPELLANT HANDLING	551736N	0900138E	UR	S079223
UZHUR SSM COMPLEX SS-9/SS-18 ACTIVITY	551736N	0900138E	UR	S081526
KOCHENEVO RADIO RELAY STATION	550430N	0821300E	UR	S079903
AMBA RADIO RELAY STATION	552840N	0824520E	UR	
NOVOSIBIRSK RADAR TEST FACILITY SW	544650N	0823215E	UR	S079956

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KUYBYSHEV RADIO RELAY + TV BROADCASTING STA		552800N 0781820E	UR	S079903
KUYBYSHEV RADIO RELAY + TV BROADCASTING STA		552800N 0781820E	UR	
KOZHURLA RADIO RELAY STATION NW		552045N 0790110E	UR	
TEBISSKAYA RADIO RELAY STATION		552250N 0773040E	UR	
BARNAUL SPACE TRACKING FACILITY		531832N 0832159E	UR	S081863
NOVOSIBIRSK RADAR R+D TEST FACILITY		545600N 0824800E	UR	S079956
NOVOSIBIRSK AIRFRAME PLANT FLAGON F TANDEM		550401N 0825910E	UR	S079014
NOVOSIBIRSK AIRFRAME PLANT SILO COMPNTS SRCH		550401N 0825910E	UR	S079657
NOVOSIBIRSK AIRFRAME PLANT SILO COMPNTS SRCH		550401N 0825910E	UR	
NOVOSIBIRSK AIRFRAME PLT FRESCO REFURBISHMENT		550401N 0825910E	UR	S079635
NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153		550401N 0825910E	UR	S079438
NOVOSIBIRSK AIRFRAME PLT FENCER DELIVERY PROB		550401N 0825910E	UR	S081407
NOVOSIBIRSK HYDROELECTRIC THERMAL POWER PLT 1		550050N 0825456E	UR	S078862
NOVOSIBIRSK PORT COMPLEX OB RIVER		550055N 0825445E	UR	
NOVOSIBIRSK RAILROAD CLF YARD INSKAYA		545759N 0830600E	UR	S078156
NOVOSIBIRSK SHIPYARD		550130N 0825100E	UR	S078862
NOVOSIBIRSK RADIO RELAY/TV/FM BROADCAST CTR		545852N 0825250E	UR	S079903
NOVOSIBIRSK RADIO RELAY/TV/FM BROADCAST CTR		545852N 0825250E	UR	
NOVOSIBIRSK RADIO RELAY STATION SW		545637N 0824805E	UR	
NOVOSIBIRSK ARMY BKS AL7 TAC ROADWAY BRG NEW		550740N 0825440E	UR	S078802
NOVOSIBIRSK ARMY BKS AL7 TAC ROADWAY BRG NEW		550740N 0825440E	UR	
NOVOSIBIRSK ORDNANCE R+D FACILITY CHIK ARTY		545855N 0822555E	UR	S080309
NOVOSIBIRSK AVIATION INST SILO COMPNTS SEARCH		550413N 0825951E	UR	S079657
NOVOSIBIRSK AVIATION INST SILO COMPNTS SEARCH		550413N 0825951E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHULYM RADIO RELAY STATION SW		550430N 0805120E	UR	S079903
DUPLENSKAYA RADIO RELAY STATION WNW		550525N 0813510E	UR	
TATARSK RADIO RELAY STATION SE		551216N 0760254E	UR	
UBINSKOYE RADIO RELAY STATION		551820N 0794040E	UR	
LAGUNAKA RADIO RELAY STATION		550845N 0752525E	UR	
CHANY RADIO RELAY + TV RELAY STATION SE		551305N 0764900E	UR	
CHANY RADIO RELAY + TV RELAY STATION SE		551305N 0764900E	UR	

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NOVOSIBIRSK WOODWORKING COMBINE BOLSHHEVIS		545947N 0825704E	UR	S078862
NOVOSIBIRSK SAWMILL		550040N 0825345E	UR	
NOVOSIBIRSK SAWMILL KORABLIK OSTROV		545816N 0825835E	UR	
MOSHKOVO/BOLOTNOYE RADIO RELAY LINE SUSP		551730N 0833520E	UR	S078471
MOSHKOVO RADIO RELAY STATION		551730N 0833520E	UR	S079903
ALEYSK ICBM COMPLEX LCF FAC CC SILO U/C		522407N 0830525E	UR	S081225
NOVOSIBIRSK MOBILE IRBM BASE PROB CONST		551904N 0831001E	UR	S079637
NOVOSIBIRSK MOBILE IRBM BASE PROB		551904N 0831001E	UR	S079217
NOVOSIBIRSK MOBILE IRBM BASE		551904N 0831001E	UR	S081868
NOVOSIBIRSK MOBILE IRBM BASE SS-X-20 CONST		551904N 0831001E	UR	S081080
NOVOSIBIRSK/TOLMACHEVO AFLD AAM STORAGE PTNTL		550046N 0823854E	UR	S078933
KUPINO AIRFIELD AAM STORAGE POTENTIAL		542100N 0772114E	UR	S078932
KUPINO AIRFIELD FRESCO MIG-17 SHIPPING CONTS		542100N 0772114E	UR	S079635
GUSINAYA LYAGA AIRFIELD		532256N 0782456E	UR	S078232
ALEYSK SSM COMPLEX SS-9/SS-18 ACTIVITY		522845N 0830520E	UR	S078467
ALEYSK SSM COMPLEX PROPELLANT HANDLING		522845N 0830520E	UR	S079223
ALEYSK SSM COMPLEX SS-9/SS-18 ACTIVITY		522845N 0830520E	UR	S081526

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BOGOLYUBOVO RADIO RELAY STATION		543715N 0684230E	UR	S079903
USOVKA RADIO RELAY STATION		545430N 0723830E	UR	
ZVONAREV KUT RADIO RELAY STATION		543835N 0731800E	UR	
PETROPAVLOVSK RADIO RELAY STATION		545302N 0690846E	UR	
SHKALNIKI RADIO RELAY STATION		543600N 0740040E	UR	
PETROPAVLOVSK MILITARY VEHICLE ASSEMBLY PLANT		545352N 0690955E	UR	S080813
PETROPAVLOVSK MOTOR VEHICLE ASSEMBLY PLANT		545352N 0690955E	UR	S081202
IRTYSH RADIO RELAY STATION		543000N 0742130E	UR	S079903
OMSK AW RADAR FACILITY EW REGIMENT IDENT		545930N 0733940E	UR	S078105
OMSK AW RADAR FACILITY EW REGIMENT IDENT		545930N 0733940E	UR	S078124
OMSK AW RADAR FACILITY EW STORAGE RESERVE		545930N 0733940E	UR	S079369
OMSK TANK PLANT VOROSHILOV 174		545556N 0732329E	UR	S079192
OMSK TANK PLANT VOROSHILOV 174 T-55/72 CONV		545556N 0732329E	UR	S079758
PETROPAVLOVSK AMMUNITION/MTR VEH BODY PLT 239		545222N 0691030E	UR	S078145
PETROPAVLOVSK AMMUNITION/MTR VEH BODY PLT 239		545222N 0691030E	UR	
PETROPAVLOVSK AMMUNITION/MTR VEH BODY PLT 239		545222N 0691030E	UR	S081202
PETROPAVLOVSK AMMUNITION/MTR VEH BODY PLT 239		545222N 0691030E	UR	
OMSK AIRCRAFT REPAIR BASE SW 1 OPERATIONAL		545711N 0732042E	UR	S081108
OMSK ORDNANCE + AMMUNITION DEPOT		550052N 0732337E	UR	S080287
OMSK RADIO RELAY/TV/FM BROADCAST CENTER		550120N 0731826E	UR	S079903
OMSK RADIO RELAY/TV/FM BROADCAST CENTER		550120N 0731826E	UR	

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	OMSK SRF ARMY HQ RADCOM XMTR HARD NO SIG CHNG		545613N 0740739E	UR	S080702
	PETROPAVLOVSK RADIO RELAY/TV/FM BROADCAST CTR		545243N 0690655E	UR	S079903
	PETROPAVLOVSK RADIO RELAY/TV/FM BROADCAST CTR		545243N 0690655E	UR	
	BULAYEVO RADIO RELAY + TV RELAY STATION		545120N 0702600E	UR	
	BULAYEVO RADIO RELAY + TV RELAY STATION		545120N 0702600E	UR	
	LEBYAZHYE RADIO RELAY STATION		551547N 0663014E	UR	
	MAKUSHINO RADIO RELAY STATION		551340N 0671445E	UR	
	MAMLYUTKA RADIO RELAY STATION		545740N 0683155E	UR	
	PETUKHOV RADIO RELAY STATION		550435N 0675535E	UR	
	SOKOLOVKA RADIO RELAY STATION		550445N 0691500E	UR	
	TOKUSHI RADIO RELAY STATION		545120N 0694400E	UR	
	ISIL KUL RADIO RELAY + TV RELAY STATION		545330N 0711330E	UR	
	ISIL KUL RADIO RELAY + TV RELAY STATION		545330N 0711330E	UR	
	NEMIROVKA RADIO RELAY STATION		545756N 0735221E	UR	
	KALACHINSK RADIO RELAY STATION NE		550450N 0743610E	UR	
	VOLCHANKA RADIO RELAY STATION NORTH		550040N 0715500E	UR	
	BESTOBE GOLD MINE 1		522940N 0730705E	UR	S078052
	BESTOBE GOLD MINE 2		522918N 0730722E	UR	
	BESTOBE GOLD MINE 3		522918N 0730708E	UR	
	BESTOBE GOLD MINE 4		522904N 0730605E	UR	
	BESTOBE GOLD MINE CONCENTRATION PLANT		522942N 0730702E	UR	
	OMSK AIRCRAFT REPAIR BASE SW 2 OPERATIONAL		545704N 0732037E	UR	S081109
	OMSK AIRFIELD EAST AAM STORAGE POTENTIAL		545824N 0733319E	UR	S078938
	MIASS MISSILE DEVELOPMENT + PROD FACIL PROB		550639N 0600855E	UR	S081069
	MIASS MISSILE DEVELOPMENT + PROD FACIL PROB		550639N 0600855E	UR	S081034
	PIMENOVKA RADIO RELAY STATION		551945N 0645417E	UR	S079903
	ZLATOUST ARMAMENT PLANT 66 SLBM ACTIVITY		550617N 0594223E	UR	S078064
	ZLATOUST ARMAMENT PLANT 66 SLBM ACTIVITY		550617N 0594223E	UR	
	ZLATOUST ARMAMENT PLANT 66		550617N 0594223E	UR	S081983
	CHELYABINSK ROAD MACHINERY PLANT MIL VEH PROD		550806N 0612447E	UR	S078079
	CHELYABINSK ROAD MACHINERY PLANT MIL VEH PROD		550806N 0612447E	UR	
	KOPEYSK SHELL LOADING PLANT 114		550740N 0613434E	UR	S079714

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KURGAN AGRICULTURAL MACHINERY + ARMD VEH PLT	552545N	0651735E	UR	S078596
KURGAN AGRICULTURAL MACHINERY + ARMD VEH PLT	552545N	0651735E	UR	
CHELYABINSK RADIO PLANT SEARCH	551008N	0612509E	UR	S082041
KOPEYSK AMMUNITION DEPOT NNW DA1	550850N	0613513E	UR	S079714
KARTALY ICBM COMPLEX CP/BUNKER ANTENNA MAST	530222N	0603634E	UR	S079556
CHELYABINSK TRACTOR + GM SUPPORT EQUIP PLANT	550916N	0612802E	UR	S080319
CHELYABINSK TRACTOR + GM SUPPORT EQUIP PLANT	550916N	0612802E	UR	
CHELYABINSK STEEL/MACH TOOL PLT MIL VEH PROD	550850N	0612840E	UR	S080306
CHELYABINSK STEEL/MACH TOOL PLT MIL VEH PROD	550850N	0612840E	UR	
KARTALY ICBM SITE 14C SS-9/18 SILO CONVERSION	530001N	0604709E	UR	S079943
KURGAN RADIO RELAY/TV/FM BROADCASTING CENTER	552520N	0651632E	UR	S079903
KURGAN RADIO RELAY/TV/FM BROADCASTING CENTER	552520N	0651632E	UR	
KARTALY ICBM HQ RADCOM XMTR STA NE ANT MAST	532326N	0605732E	UR	S079556
ZLATOUST ROCKET ENGINE TEST FAC SS-N-8 DOLLY	550837N	0595455E	UR	S078064
ZLATOUST ROCKET ENGINE TEST FACILITY	550837N	0595455E	UR	S081983
VARGASHI RADIO RELAY STATION	552320N	0654955E	UR	S079903
IKOVKA RADIO RELAY STATION	553650N	0645630E	UR	
SHMAKOVO RADIO RELAY STATION	554840N	0652200E	UR	
KARTALY ICBM LAUNCH CONTROL FACIL AA ANT MAST	525850N	0602148E	UR	S079556
KURGAN ARMORED VEHICLE PLANT	552751N	0651917E	UR	S079752
KURGAN RADIO RELAY STATION	552630N	0651940E	UR	S079903
RUDNYY CIVIL FACILITY BUNKERED U/I	525825N	0630548E	UR	S079440
KURGAN AIRFIELD	552824N	0652446E	UR	S079807
UVELSKIY AIRFIELD	542248N	0612111E	UR	S078213
UVELSKIY AIRFIELD POL STORAGE CAPACITY	542248N	0612111E	UR	S079449

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MAGNITOGORSK AIRFIELD WEST POL STORAGE CPCTY		532318N 0584513E	UR	S079963
KARTALY SSM COMPLEX SS-9/SS-18 ACTIVITY		525311N 0603417E	UR	S078467
KARTALY SSM COMPLEX ANTENNAS HARDENED		525311N 0603417E	UR	S079664
KARTALY SSM COMPLEX PROPELLANT HANDLING		525311N 0603417E	UR	S079223
KARTALY SSM COMPLEX SS-9/SS-18 ACTIVITY		525311N 0603417E	UR	S081526
ULYANOVSK RADAR CALIBRATION/CHECKOUT FACIL		542420N 0481906E	UR	S079956
ORENBURG SRF ARMY HQ RDO XMTR BKR NO SIG CHNG		520152N 0551818E	UR	S080702
KAZAN AIRFRAME PLANT GORBUNOV CLASSIC MODIF		555140N 0490700E	UR	S080908
KAZAN AIRFRAME PLANT GORBUNOV 22 CONSTRUCTION		555140N 0490700E	UR	S081407
KUYBYSHEV AIRFRAME PLANT LENIN BEAR F IDENT		531300N 0501814E	UR	S079323
KUYBYSHEV AIRFRAME PLANT LENIN 18		531300N 0501814E	UR	S080057
KUYBYSHEV AEROSPACE PRODUCTION PLANT 1		531315N 0501804E	UR	S080804
CHAPAYEVSK EXPLOSIVES + MUN LDG CMB 309/15		525829N 0494307E	UR	S079468
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S078635
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S078631
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S078605
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S081644
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S081643
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S081627
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	

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TOP SECRET CHESS RUFF

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ACCN NO.

	BUZULUK ARMY BARRACKS AL1		524730N 0521320E	UR	S078183
	KAZAN ARMY BARRACKS GORKI AL1		554518N 0490906E	UR	S078184
	KAZAN ARMY TRAINING CENTER SE TA1		554157N 0491630E	UR	S079421
	TOLYATTI SYNTHETIC RUBBER PLANT		533216N 0492705E	UR	S078414
	KURUMOCH ROCKET ENGINE TEST FACILITY		533215N 0495116E	UR	S079796
	KURUMOCH ROCKET ENGINE TEST FACILITY		533215N 0495116E	UR	S080804
	STERLITAMAK SYNTHETIC RUBBER PLT CIV DEF BKRS		534019N 0555706E	UR	S079782
	STERLITAMAK SYNTHETIC RUBBER PLT CIV DEF BKRS		534019N 0555706E	UR	
	YASASHNAYA TASHLA ASM SUPPORT FACILITY		535249N 0482627E	UR	S081111
	KUYBYSHEV HEAT + THERMAL POWER PLANT EXPSN		530450N 0495207E	UR	S081205
	ZELENODOLSK SHIPYARD 340 PRODUCTION/EXPANSION		555016N 0483007E	UR	S078544
	ZELENODOLSK SHIPYARD 340-		555016N 0483007E	UR	S079190
	KAZAN HEAT + THERMAL POWER PLANT EXPANSION		554543N 0490728E	UR	S081205
	KAZAN ARMY BARRACKS AL5		554425N 0490830E	UR	S078059
	NIZHNEKAMSK HEAT + THERMAL POWER PLT EXPSN		553639N 0515608E	UR	S081205
	TOLYATTI NITROGEN FERTILIZER PLANT		533311N 0492755E	UR	S078414
	KAZAN MISSILE PROPULSION R+D TEST BLDG MODIF		555345N 0485007E	UR	S078143
	KAZAN MISSILE PRPLN R+D ALTITUDE TEST PSTN		555345N 0485007E	UR	S078400
	TOLYATTI HEAT + THERMAL POWER PLANT EXPANSION		533427N 0491447E	UR	S081205
	CHAPAYEVSK ORDNANCE R+D BALLISTIC TEST FACIL		525940N 0494710E	UR	S078289

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHAPAYEVSK ORDNANCE R+D BALLISTIC TEST FACIL		525940N 0494710E	UR	S078260
KAZAN COMPUTER + CALCULATOR PLANT		554829N 0491103E	UR	S079337
NABEREZHNYE CHELNY MOTOR VEH PLT KAMAZ TRKS		554130N 0522730E	UR	S079016
NABEREZHNYE CHELNY MOTOR VEH PLT CIV DEF ACT		554130N 0522730E	UR	S080899
NABEREZHNYE CHELNY MOTOR VEH PLT CIV DEF ACT		554130N 0522730E	UR	S080899
NABEREZHNYE CHELNY MOTOR VEH PLT CIV DEF FAC		554130N 0522730E	UR	S081420
NABEREZHNYE CHELNY MOTOR VEH PLT CIV DEF FAC		554130N 0522730E	UR	S081420
ZHIGULEVSK RADIO RELAY + TV BROADCAST CENTER		532510N 0492615E	UR	S078982
ZHIGULEVSK RADIO RELAY + TV BROADCAST CENTER		532510N 0492615E	UR	S078982
KUMERTAU AIRFRAME PLANT		524700N 0554650E	UR	S080477
TOLYATTI PHOSPHATE FERTILIZER PLANT		533308N 0492749E	UR	S078414
SOLDATSKAYA TASHLA ARMY BARRACKS AL1		540242N 0481350E	UR	S078446
KAZAN AIRFIELD NORTH		555203N 0490800E	UR	S079582
KUYBYSHEV/BEZMYANKA AIRFIELD KIEV LZ SIMUL		531307N 0501940E	UR	S078113
KUYBYSHEV/BEZMYANKA AIRFIELD RADAR UNIT SRCH		531307N 0501940E	UR	S081353
BOBROVKA AIRFIELD AAM STORAGE POTENTIAL		530845N 0504247E	UR	S078964
KINEL CHERKASY AIRFIELD POL STORAGE CAPACITY		532805N 0513356E	UR	S079915
CHISTOPOL AIRFIELD SOUTH		551821N 0503656E	UR	S079129
KUYBYSHEV AIRFIELD WEST POL STORAGE CAPACITY		531510N 0500320E	UR	S081237
YAMASHURMA AIRFIELD		555845N 0493510E	UR	S079538
KAZAN/KIRBI AIRFIELD		553602N 0491710E	UR	S078238
ANDREYEVO RADAR R+D TEST FAC CLAM SHELL/TOWER		555330N 0411215E	UR	S078536
ANDREYEVO RADAR R+D TEST FACILITY		555330N 0411215E	UR	S079956

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
ANDREYEVO RADAR R+D TEST FACIL PLANAR RDR NEW		555330N 0411215E	UR	S081345
INZA ARMY BARRACKS UPGRADING POSS SEARCH		535127N 0461910E	UR	S081453

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SARANSK CIVIL FACILITY BUNKERED U/I

541155N 0451024E UR S079435

25X1

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SAVOSTLEYKA AW RADAR FACILITY BACK NET ANAL
PENZA HEAT + THERMAL POWER PLANT

552710N 0422120E UR S081008
531318N 0450123E UR S081205

25X1

TAMBOV ARMY BARRACKS AL1 + HQ MRD
PAVLOVO MOTOR VEHICLE ASSEMBLY PLANT EXPSN

524101N 0412812E UR S081670
555845N 0430543E UR S078560

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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25X1

RYAZAN ANALYTICAL + CALCULATING MACHINE PLANT

543651N 0394520E UR S079337

25X1

BAZARNYY SYZGAN ASM/AAM STGE DEPOT STGE PTNTL

533740N 0465120E UR S079163

25X1

BAZARNYY SYZGAN ASM/AAM STGE MSL CONTS PROB

533740N 0465120E UR S080056

SUROVATIKHA MISSILE SUPT FAC WHD CAN TRF OPS

554300N 0435210E UR S080738

25X1

PENZA COMMAND CONTROL RADCOM XMTR STA HARD

532124N 0451814E UR S081101

PENZA COMMAND CONTROL RADCOM XMTR STA HARD

532124N 0451814E UR S081076

PENZA COMMAND CONTROL RADCOM RCVR STA HARD

530954N 0451847E UR S080392

PENZA COMMAND CONTROL RADCOM RCVR STA HARD

530954N 0451847E UR S080378

MELENKI AMMUNITION DEPOT DA1

552600N 0413301E UR S081117

25X1

DEREVENISHCHI RADIO RELAY STATION

553410N 0391642E UR S079523

25X1

LIPETSK AIRFIELD WEST AAM STORAGE POTENTIAL

523810N 0392646E UR S078936

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TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
MORSHANSK AIRFIELD AAM STORAGE POTENTIAL		532624N 0414409E	UR	S078935
MUROM AIRFIELD AAM STORAGE POTENTIAL		552622N 0421841E	UR	S078934
PENZA AIRFIELD SOUTH		530650N 0450122E	UR	S079587
PETROVSK AIRFIELD SOUTH		521624N 0452310E	UR	S080662
RTISHCHEVO AIRFIELD		521645N 0434500E	UR	S079583
RYAZAN/DYAGILEVO AIRFIELD CLEAT D IDENT		543830N 0393412E	UR	S078223
RYAZAN/DYAGILEVO AFLD HARDSTAND MODIF SEARCH		543830N 0393412E	UR	S079420
RYAZAN/DYAGILEVO AIRFIELD BACKFIRE B MODIFIED		543830N 0393412E	UR	S079746
RYAZAN/DYAGILEVO AIRFIELD BISON M-4 DPL		543830N 0393412E	UR	S082040
LUKHOVITSY AIRFIELD LUK A		545420N 0390141E	UR	S079012
LUKHOVITSY AIRFIELD ELECTRONICS COMPARISON		545420N 0390141E	UR	S079663
RYAZAN/ALEKSANDROVO AIRFIELD		542939N 0395607E	UR	S078215
BALAKOVO AIRFIELD POL STORAGE CAPACITY		520222N 0475036E	UR	S081357
SMOLENSK SRF ARMY HQ RADCOM XMTR NO SIG CHNG		544110N 0315100E	UR	S080702
OREL MILITARY INSTALLATION COMMO TRNG FACILS		525859N 0360316E	UR	S081139
OREL MILITARY INSTALLATION TROPOSCATTER SYS		525859N 0360316E	UR	S081134
OREL MILITARY INSTALLATION TROPOSCATTER SYS		525859N 0360316E	UR	
MOSKVA MILITARY BARRACKS DOLGOPRUDNYY		555650N 0373110E	UR	S078554
MOSKVA ELECTRONICS TEST AREA		554403N 0372240E	UR	S080855
BRONNITSY MILITARY VEHICLE TEST FACIL ACT REV		552651N 0381427E	UR	S079772
SHATSKAYA COAL GASIFICATION SITE U/G		540953N 0375135E	UR	S080660

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
MOSKVA AW RADAR FACILITY DOLGOPRUDNY		555700N 0373100E	UR	S078554
BELOUSOVO ELECTRONICS TEST/TRAINING FAC PROB		550430N 0364200E	UR	S079956
KHIMKI KRUG DF FACILITY		555555N 0373737E	UR	S080128
SESHCHA AIRFIELD GCA SITE		534254N 0332041E	UR	S079713
PODOLSK DF FACILITY PROB		551800N 0373500E	UR	S079704
POCHINOK AIRFIELD GCA SITE		542029N 0322824E	UR	S081710
POCHINOK AIRFIELD GCI SITE		542035N 0322715E	UR	

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MOSKVA SCIENTIFIC RSCH INST MACH BLDG MSL ACT		555130N 0373630E	UR	S080820
MOSKVA SCIENTIFIC RSCH INST MACH BLDG MSL ACT		555130N 0373630E	UR	
MOSKVA SCIENTIFIC RESEARCH INST MACHINE BLDG		555130N 0373630E	UR	S081098
MOSKVA SCIENTIFIC RESEARCH INST MACHINE BLDG		555130N 0373630E	UR	S081077
MOSKVA ABM COMPLEX E15 COMSAT STATION CONV		550900N 0382200E	UR	S078126
MOSKVA MOTOR VEHICLE PLANT LIKHACHEV CONST		554153N 0373829E	UR	S079095
MOSKVA MISSILE PROD PLANT FILI SL-12/13 A/F		554524N 0372926E	UR	S078531
MOSKVA MISSILE PRODUCTION PLANT FILI 23 EXPSN		554524N 0372926E	UR	S079608
MOSKVA MISSILE PRODUCTION PLANT FILI 23		554524N 0372926E	UR	S081877
MOSKVA MISSILE PRODUCTION PLANT FILI 23		554524N 0372926E	UR	S081094
MOSKVA MISSILE PROD PLANT CHELOMEY DESIGN BUR		554524N 0372926E	UR	S081084
MOSKVA AIRFRAME PLANT 30		554703N 0373249E	UR	S079302
MOSKVA MACHINE TOOL PLANT STKKONSTRUKTSIYA		554222N 0373607E	UR	S081273
MOSKVA GUIDED MISSILE PROD PLT CONST/SA-2 CAN.		554939N 0373023E	UR	S078190
MOSKVA GUIDED MISSILE PROD PLANT 41 SA-2 CANS		554939N 0373023E	UR	S080625

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MOSKVA AIRCRAFT PARTS PLANT NIKOLAYEVKA 219		554750N 0375440E	UR	S079145
MOSKVA GUIDED MISSILE + A/C PLT 464 SA-6 CANS		555544N 0373027E	UR	S080625
MOSKVA GUIDED MISSILE + A/C PLT 464 SA-6 CANS		555544N 0373027E	UR	
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165		554935N 0373935E	UR	S081021
MOSKVA AIRCRAFT ENG EXPMT PLANT 165 TEST CELL		554935N 0373935E	UR	S081017
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165		554935N 0373935E	UR	S081016
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S079487
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S079471
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S081062
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S081344
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S081044
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S081044
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115		554817N 0373126E	UR	S081061
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115		554817N 0373126E	UR	S081344
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115		554817N 0373126E	UR	S081045
MOSKVA MACHINE TOOL PLANT ORDZH 28		554223N 0373543E	UR	S081235
RAMENSKOYE AEROHYDRODYNAMIC INSTITUTE CENTRAL		553549N 0380607E	UR	S079702
RAMENSKOYE AEROHYDRODYNAMIC INST RAMJET TEST		553549N 0380607E	UR	S079692
RAMENSKOYE AEROHYDRODYNAMIC INSTITUTE PPLN		553549N 0380607E	UR	S079689
RAMENSKOYE AEROHYDRODYNAMIC INSTITUTE CENTRAL		553549N 0380607E	UR	S079678
RAMENSKOYE AEROHYDRODYNAMIC INSTITUTE CENTRAL		553549N 0380607E	UR	S079675
RAMENSKOYE AEROHYDRODYNAMIC INST POWER FACILS		553549N 0380607E	UR	S079672

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
RAMENSKOYE AEROHYDRODYNAMIC INSTITUTE CENTRAL		553549N 0380607E	UR	S079654
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456		555420N 0372651E	UR	S078634
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456		555420N 0372651E	UR	
MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST STAND		555420N 0372651E	UR	S078629
MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST STAND		555420N 0372651E	UR	
MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST AREA		555420N 0372651E	UR	S078608
MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST AREA		555420N 0372651E	UR	
MOSKVA MISSILE/SPACE PRPLN DEV CTR LASER R+D		555420N 0372651E	UR	S079914
MOSKVA MISSILE/SPACE PRPLN DEV CTR LASER R+D		555420N 0372651E	UR	
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456		555420N 0372651E	UR	S081064
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456		555420N 0372651E	UR	
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456		555420N 0372651E	UR	S081040
MOSKVA MACHINE + INSTRUMENT PLANT KALIBR		554815N 0373750E	UR	S081229
KOLOMNA HEAVY MACHINE TOOL PLANT		550412N 0384734E	UR	S082048
MOSKVA AIRCRAFT COMPONENTS PLANT KUNTSEVO 65		554333N 0372353E	UR	S079958
MOSKVA GUIDED MISSILE PLANT 82 AIRCRAFT COUNT		555023N 0372702E	UR	S081078
MOSKVA GUIDED MISSILE PLANT 82 AIRCRAFT COUNT		555023N 0372702E	UR	
MOSKVA STATE UNIV LOMONOSOV LASER R+D POSS		554229N 0373223E	UR	S079914
MOSKVA AIRCRAFT EXPERIMENTAL PLANT TSAGI 156		554542N 0374034E	UR	S081066
MOSKVA AIRCRAFT EXPERIMENTAL PLANT TSAGI 156		554542N 0374034E	UR	S081088
MOSKVA AIRCRAFT EXPERIMENTAL PLANT TSAGI 156		554542N 0374034E	UR	S081344
MYTISHCHI ELECTRONICS RESEARCH COMPLEX		555535N 0374431E	UR	S079956
BRYANSK TRACTOR/RR EQUIP PLT BEZHITS ACT REV		531919N 0341543E	UR	S079772
BRYANSK TRACTOR/RR EQUIP PLT BEZHITS ACT REV		531919N 0341543E	UR	
MOSKVA MISSILE + SPACE DEV CENTER VEHS U/I		555513N 0374807E	UR	S081724
MOSKVA MISSILE + SPACE DEV CENTER VEHS U/I		555513N 0374807E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KRASNOGORSK OPTICAL INSTRUMENTATION PLANT 393		554940N 0372014E	UR	S081893
MOSKVA MACHINE TOOL PLANT STANKOAGGREGAT		554347N 0374419E	UR	S081230
UZLOVAYA MINING MACHINERY PLANT ACTIVITY REV		535758N 0381037E	UR	S079772
MOSKVA AIRCRAFT COMPONENTS PLANT 451		554820N 0373450E	UR	S079913
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51		554700N 0373230E	UR	S080256
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51		554700N 0373230E	UR	S081344
MOSKVA AIRFRAME EXPERIMENTAL PLANT 240		554803N 0373223E	UR	
MOSKVA AIRCRAFT COMPONENTS/MSL PLT AA-6 CANS		555437N 0375053E	UR	S078204
MOSKVA AIRCRAFT COMPONENTS/MSL PLT AA-6 CANS		555437N 0375053E	UR	
KALUGA AMMUNITION DEPOT EAST		543101N 0361918E	UR	S080834
BRYANSK ROAD MACH/GM SUPT EQUIP PLT 1 ACT REV		531449N 0342254E	UR	S079772
BRYANSK ROAD MACH/GM SUPT EQUIP PLT 1 ACT REV		531449N 0342254E	UR	
MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293		555444N 0372701E	UR	S081011
GOMEL ARMY BARRACKS SW AL2		522505N 0305613E	UR	S078035
SERPUKHOV ORDNANCE DEPOT 45 EW STGE/RPR/MODIF		545558N 0372429E	UR	S079369
VITEBSK ARMY BKS SW AL3 M-1974 122MM SP GUN		550955N 0300904E	UR	S080760
VITEBSK ARMY BARRACKS CENTRAL AL6		551113N 0301113E	UR	S078036
VISHNYAKOVO RADCOM + AM BDCST XMTR STA TOWER		554425N 0380930E	UR	S081051
VISHNYAKOVO RADCOM + AM BDCST XMTR STA TOWER		554425N 0380930E	UR	
MOSKVA SA-1 SITE C16 YO YO RADAR		552247N 0375846E	UR	S081555
MOSKVA SA-1 SITE E19 YO YO RADAR		550027N 0372941E	UR	
CHERNOYE AIR DEFENSE HQ COMSAT EQUIP MBL SRCH		554603N 0380131E	UR	S078983

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
MOSKVA MACHINE TOOL PLANT SPETSTANOK		554754N 0373559E	UR	S082049
MOSKVA ORDNANCE DEPOT SKHODNYA		555649N 0372051E	UR	S080850
OREL ROAD MACHINERY + MISSILE PLANT ACT REV		525515N 0360119E	UR	S079772
OREL ROAD MACHINERY + MISSILE PLANT ACT REV		525515N 0360119E	UR	
LIANOZOVO ELECTRONICS EQUIP PLT ELCT TWR MBL		555323N 0373252E	UR	S078536
PERKHUSHKOVO SRF COMD CNTRL CTR SS-16/20 VAN		554120N 0371051E	UR	S081175
PERKHUSHKOVO SRF COMD CNTRL CTR VESNA HORNS		554120N 0371051E	UR	S081051
PERKHUSHKOVO SRF COMMAND CNTRL BKR R-600 ANT		554120N 0371051E	UR	S082028
PERKHUSHKOVO SRF COMMAND CONTROL BKR NATIONAL		554120N 0371051E	UR	S081868
RAMENSKOYE FLIGHT TEST CENTER BEAR C		553418N 0380923E	UR	S078254
RAMENSKOYE FLIGHT TEST CTR LUK A MODIF IDENT		553418N 0380923E	UR	S079012
RAMENSKOYE FLIGHT TEST CTR SPACE SHUTTLE SRCH		553418N 0380923E	UR	S079324
RAMENSKOYE FLIGHT TEST CTR SPACE SHUTTLE SRCH		553418N 0380923E	UR	
RAMENSKOYE FLIGHT TEST CTR BEAR TU-95 IDENT		553418N 0380923E	UR	S079323
RAMENSKOYE FLIGHT TEST CTR CAMBER IL-86 IDENT		553418N 0380923E	UR	S080046
RAMENSKOYE FLIGHT TEST CTR CANDID MODIF IDENT		553418N 0380923E	UR	S080050
RAMENSKOYE FLIGHT TEST CENTER INSTRUMENTATION		553418N 0380923E	UR	S080860
RAMENSKOYE FLIGHT TEST CENTER NO SIG CHANGE		553418N 0380923E	UR	S081781
RAMENSKOYE FLIGHT TEST CENTER RAM E MODIFIED		553418N 0380923E	UR	S081083
RAMENSKOYE FLIGHT TEST CENTER A/C NEW SEARCH		553418N 0380923E	UR	S081629
MOSKVA GUIDED MSL R+D/PROD NAVAL CR MSL CRT		554544N 0375211E	UR	S078369
MOSKVA GUIDED MSL R+D/PROD SS-N-9 MODIF POSS		554544N 0375211E	UR	S078423
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	S081392

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	S080998
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	S081025
FAUSTOVO AEROSPACE R+D FACILITY CONSTRUCTION		552746N 0383143E	UR	S079608
FAUSTOVO AEROSPACE R+D FACILITY CONSTRUCTION		552746N 0383143E	UR	S079607
FAUSTOVO AEROSPACE R+D FACIL RKT SLED TRACK		552746N 0383143E	UR	S079994
FAUSTOVO AEROSPACE R+D FACIL RKT SLED TRACK		552746N 0383143E	UR	S080006
VOSKRESENSK CHEMICAL COMBINE KUYBYSHEV 192		551819N 0384124E	UR	S081675
UZLOVAYA RAILROAD STATION CLF YARDS + SHOPS		535917N 0380948E	UR	S079036
BRYANSK RAILROAD LOCO + STEEL PLANT ACT REV		531820N 0341925E	UR	S079772
BRYANSK RAILROAD LOCO + STEEL PLANT ACT REV		531820N 0341925E	UR	
NARO FOMINSK SRF RADCOM RCVR SS-16/20 GSE		551918N 0364749E	UR	S081365
NARO FOMINSK SRF RADCOM RCVR CPLX VESNA HORNS		551918N 0364749E	UR	S081051
NARO FOMINSK SRF RADCOM RCVR R-600 ANT NEW		551918N 0364749E	UR	S082028
NARO FOMINSK SRF RADIO COMMO RECEIVER COMPLEX		551918N 0364749E	UR	S081868
BARYBINO RADIO COMMO RCVR STA HARD ANT FIELD		551636N 0375542E	UR	S081012
NOVOPETROVSKOYE SRF RADCOM XMTR VESNA HORNS		555620N 0362726E	UR	S081051
NOVOPETROVSKOYE SRF RADCOM XMTR R-600 ANT		555620N 0362726E	UR	S082028
DOROGOBUZH NITROGEN FERTILIZER COMBINE		545500N 0331800E	UR	S081471
DOMODEDOVO NAVAL RADIO RELAY/RADCOM RCVR STA		552824N 0374545E	UR	S078527
MOSKVA/SHCHELKOVO ESV TRACKING FACILITY		555644N 0375803E	UR	S081863
MOSKVA/SHCHELKOVO ESV TRACKING FAC 4-DISH ANT		555644N 0375803E	UR	S081047

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SMOLENSK GUIDED MISSILE + A/C CMPNTS PLT 475		544910N 0320245E	UR	S079294
SMOLENSK GUIDED MISSILE + A/C CMPNTS PLT 475		544910N 0320245E	UR	
MOSKVA SOLID MOTOR PRODUCTION PLANT LYUBERTSY		553648N 0375240E	UR	S080358
MOSKVA SOLID MOTOR PROD PLT PRPLNT PROD LINE		553648N 0375240E	UR	S080393
MOSKVA SOLID MOTOR PRODUCTION PLT TEST CELL 4		553648N 0375240E	UR	S080391
MOSKVA SOLID MOTOR PRODUCTION PLANT LYUBERTSY		553648N 0375240E	UR	S080409
MOSKVA SOLID MOTOR PROD PLANT EXPLOSION DMG		553648N 0375240E	UR	S081723
MOSKVA MISSILE ASSOCIATED INSTL BKR/ANTENNAS		551143N 0363735E	UR	S081051

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KHIMKI ELECTRONICS R+D FACILITY		555441N 0372556E	UR	S079956
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV		554154N 0375242E	UR	S081344
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC		554000N 0375600E	UR	
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC		554000N 0375600E	UR	
SHCHELKOVO COSMONAUT TRAINING FACILITY CONST		555233N 0380654E	UR	S081876

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PUCHKOVO NAVAL RADIO COMMO RCVR STA DF SUPT		552904N 0371415E	UR	S079705
SAFONOVO PLASTICS + GM COMPONENTS PLANT CONST		550520N 0331500E	UR	S078205
SAFONOVO PLASTICS + GM COMPONENTS PLANT CONST		550520N 0331500E	UR	
SAFONOVO PLASTICS + GM COMPONENTS PLANT		550520N 0331500E	UR	S080322
SAFONOVO PLASTICS + GM COMPONENTS PLANT		550520N 0331500E	UR	
SERPUKHOV RADIO COMMUNICATIONS RCVR STA HARD		545620N 0373423E	UR	S080399

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SERPUKHOV RADIO COMMUNICATIONS RCVR STA HARD		545620N 0373423E	UR	S080377
MOSKVA/SUPONINO SPACE TRACKING FACILITY		555150N 0375726E	UR	S081863
BRYANSK GUIDED MSL SUPT EQUIP PLT 2 ACT REV		531710N 0342345E	UR	S079772
BRYANSK GUIDED MISSILE SUPPORT EQUIP PLANT 2		531710N 0342345E	UR	S081868
NARO FOMINSK COMMAND CONTROL FACIL U/I ANTS		552754N 0364856E	UR	S078984
KOLOMNA RADIO COMMO XMTR CPLX GENERAL STAFF		545930N 0385650E	UR	S080003
KOLOMNA RADIO COMMO XMTR CPLX GENERAL STAFF		545930N 0385650E	UR	S080355
KOLOMNA RADIO COMMO XMTR CPLX R-600 ANT NEW		545930N 0385650E	UR	S082028
PALATKI COMMAND CONTROL XMTR FAC BKR HARD U/I		544350N 0352245E	UR	S081100
PALATKI COMMAND CONTROL XMTR FAC BKR HARD U/I		544350N 0352245E	UR	S081033
OLENKOVO COMMAND CONTROL RCVR FACIL BKR U/I		543250N 0380410E	UR	S078527
OLENKOVO COMMAND CONTROL RCVR FACIL BKR U/I		543250N 0380410E	UR	S080374
OLENKOVO COMMAND CONTROL RCVR FACIL BKR U/I		543250N 0380410E	UR	S080400
MOSKVA/LENINO GCC RELOCATION SITE BUNKER		555102N 0370130E	UR	S080340
YEKIMOVICHI NUCLEAR POWER STATION U/C		540955N 0331328E	UR	S078047
POCHINOK RADIO COMMUNICATIONS STATION BUNKER		542050N 0322915E	UR	S081710
MOSKVA/VOSTRYAKOVO GCC RELOCATION SITE BUNKER		552120N 0374250E	UR	S080175
MOSKVA/KRASNY OKTYABR GCC RELOCATION BUNKER		553725N 0363030E	UR	S080259
MOSKVA ARMY BARRACKS COMSAT EQUIP MBL SRCH		555220N 0372840E	UR	S078983
MOSKVA ARMY BARRACKS COMSAT EQUIP MBL SRCH		555220N 0372840E	UR	
KUCHINO ELECTRONICS RESEARCH INSTITUTE 340		554345N 0380015E	UR	S081991
SHKLOV MILITARY ENGINEER STORAGE/NZHM FACIL		541425N 0301620E	UR	S081279

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BYKHOV AIRFIELD HARDSTAND MARKING MODIF SRCH		533113N 0301142E	UR	S079420
BYKHOV AIRFIELD BACKFIRE B MODIFIED SEARCH		533113N 0301142E	UR	S079746
BYKHOV AIRFIELD MAY DAY PREPARATIONS		533113N 0301142E	UR	S080417
BYKHOV AIRFIELD BACKFIRE RELATED CONSTRUCTION		533113N 0301142E	UR	S081440
POCHINOK AIRFIELD		542027N 0322828E	UR	S081710
SMOLENSK AIRFIELD AAM STORAGE POTENTIAL		544928N 0320128E	UR	S078970
SMOLENSK AIRFIELD BUNKERS U/I		544928N 0320128E	UR	S080617
YANOVICHI AIRFIELD		551946N 0304153E	UR	S079530
MOSKVA AIRFIELD CENTRAL AIRCRAFT/ORD DISPLAY		554719N 0373150E	UR	S078265
MOSKVA AIRFIELD CENTRAL AIRCRAFT/ORD DISPLAY		554719N 0373150E	UR	
MOSKVA/MONINO AIRFIELD		555020N 0381000E	UR	S078503
MOSKVA/MONINO AIRFIELD		555020N 0381000E	UR	S079824
MOSKVA/RAMENSKOYE AIRFIELD TOWER INSTL U/I		553405N 0380712E	UR	S078615
MOSKVA/RAMENSKOYE AIRFIELD TOWER U/I		553405N 0380712E	UR	S079688
MOSKVA/RAMENSKOYE AIRFIELD ELECTRONICS COMP		553405N 0380712E	UR	S079663
MOSKVA/SHCHELKOVO AIRFIELD AIRBORNE CP POSS		555310N 0380340E	UR	S078224
MOSKVA/SHCHELKOVO AIRFIELD CLASSIC/CRUSTY ANT		555310N 0380340E	UR	S080246
OREL AIRFIELD SW AAM STORAGE POTENTIAL		525605N 0360007E	UR	S078939
PODOLSK/DUBROVITSY AIRFIELD		552515N 0372900E	UR	S078386
SESHCHA AIRFIELD GSE INVENTORY		534254N 0332041E	UR	S078552
SESHCHA AIRFIELD		534254N 0332041E	UR	S079713
STUPINO AIRFIELD SE		545325N 0380840E	UR	S078388

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VYAZMA AIRFIELD		550855N 0342258E	UR	S081358
YELETS AIRFIELD WEST POL STORAGE CAPACITY		523820N 0382446E	UR	S079822
MOSKVA/SHEREMETYEVO AIRFIELD TAXIWAY WIDTHS		555826N 0372448E	UR	S079825
KRICHEV AIRFIELD AAM STORAGE POTENTIAL		534404N 0315508E	UR	S078959
YEFREMOV AIRFIELD AAM STORAGE POTENTIAL		530651N 0381449E	UR	S078958
MOSKVA/DOMODEDOVO AIRFIELD RADARS		552430N 0375420E	UR	S081555
KOZELSK SSM COMPLEX SS-11/SS-19 ACTIVITY		540734N 0352922E	UR	S078576
KOZELSK SSM COMPLEX PROPELLANT HANDLING		540734N 0352922E	UR	S079223
KOZELSK SSM COMPLEX ANTENNAS HARDENED		540734N 0352922E	UR	S079664
KOZELSK SSM COMPLEX SS-19 SILO LDG PROCEDURES		540734N 0352922E	UR	S079312
KOZELSK SSM COMPLEX SS-11/SS-19 ACTIVITY		540734N 0352922E	UR	S080277
PRUZHANY ARMY BARRACKS RPV/DRONE NEW POSS		523600N 0242345E	UR	S080891
VISAGINAS NUCLEAR POWER PLANT LITOVSKAYA U/C		553550N 0262510E	UR	S078047
NAUMIESTIS BEER CAN RADAR FACILITY		551940N 0214730E	UR	S078459
BREST ARMY BARRACKS SE AL2		520328N 0234433E	UR	S078655
ORZYSZ TACTICAL SSM BARRACKS + AMMUNITION DPO		534800N 0215649E	PL	S078099
ORZYSZ TACTICAL SSM BARRACKS + AMMUNITION DPO		534800N 0215649E	PL	
LAPICHI ARMY BARRACKS AL1 SP GUN LARGE NEW		532532N 0282944E	UR	S078103
LAPICHI ARMY BARRACKS AL1 SP GUN LARGE NEW		532532N 0282944E	UR	S078108
LAPICHI ARMY BKS OSIPOVICH I AL1 HVY ARTY BRGD		532532N 0282944E	UR	S080309
POLOTSK ARMY BARRACKS BOROVUKHA AL5		553515N 0283634E	UR	S078664
MOZYR SS-X-20 TROOP TRAINING FACIL POSS U/C		520226N 0291120E	UR	S081367

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MOZYR ARMY BARRACKS AL2 SS-X-20 RLTD BLDG U/C		520226N 0291120E	UR	S080929
MOZYR MOBILE IRBM BASE SS-X-20 RLTD CONST		520226N 0291120E	UR	S081259
MOZYR ARMY BARRACKS AL2 SS-X-20 RLTD BLDG U/C		520226N 0291120E	UR	S080929
MOZYR MOBILE IRBM BASE + TRAINING FACILITY		520226N 0291120E	UR	S081868
KAUNAS RADIO COMMUNICATIONS RECEIVER STA KGB		544531N 0235624E	UR	S079865
WEGORZEWO ARMY BARRACKS 1/2		541227N 0214515E	PL	S078170
MINSK ARMY BARRACKS PODOLOTYE SW AL12		535641N 0273732E	UR	S081308
MINSK ARMY BARRACKS NW AL6 EW REGIMENT		535534N 0272759E	UR	S079369
MINSK ARMY BARRACKS STEPYANKA SE AL11 EW REGT		535434N 0274017E	UR	
LEPEL ARMY BARRACKS NE AL5		545350N 0284315E	UR	S080784
PLUNGE ARMY BARRACKS AL1 ECM EQUIPMENT		555514N 0215142E	UR	S080510
MOLODECHNO ARMY BARRACKS VELIKOYE SELO AL1		541914N 0265255E	UR	S078662
ZNAMENSK ARMY BARRACKS AL1/SA-4 SUPPORT FACIL		543605N 0211403E	UR	S078039
ZNAMENSK ARMY BARRACKS AL1/SA-4 SUPPORT FACIL		543605N 0211403E	UR	
VILNIUS COMPUTER PLANT + DESIGN BUREAU SIGMA		544246N 0251725E	UR	S078526
GRODNO CHEMICAL FERTILIZER PLANT		534020N 0235350E	UR	S081472
POSTAVY MRBM SITE 1 SS-X-20 MOBILE BASE U/C		550937N 0265347E	UR	S081737
NOVAYA MEZINOVKA MISSILE SUPPORT REAR DEPOT		533047N 0265525E	UR	S081868
MINSK MATHEMATICAL MACHINE BUILDING PLANT		535458N 0273451E	UR	S079337
SUWALKI ARMY BARRACKS NORTH 2		540650N 0225609E	PL	S078402
ZAMBROW MILITARY TRAINING AREA COMMO EXERCISE		530200N 0220630E	PL	S079644
ZAMBROW MILITARY TRAINING AREA COMMO EXERCISE		530200N 0220630E	PL	
GOLDAP ARMY BARRACKS 1/2		541826N 0221731E	PL	S078403

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
KYBARTAI ARMY BARRACKS AL1		543836N 0224405E	UR	S078660
OSIPOVICH I ARMY BARRACKS NE AL1		531819N 0283931E	UR	S078038
OSIPOVICH I ARMY BARRACKS NE AL1		531819N 0283931E	UR	S080798
MINSK MOTOR VEH + GM SUPT EQUIP PLANT ACT REV		535131N 0273931E	UR	S079772
MINSK MOTOR VEH + GM SUPT EQUIP PLANT ACT REV		535131N 0273931E	UR	
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	S081294
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	S081293
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0272921E	UR	S081291
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	
MINSK MOTOR VEH + GM EQUIP PLT CIV DEF SHLTR		535131N 0273931E	UR	
MINSK MOTOR VEHICLE + GM SUPPORT EQUIP PLANT		535131N 0273931E	UR	S081868
MINSK MOTOR VEHICLE + GM SUPPORT EQUIP PLANT		535131N 0273931E	UR	
KOZHANOVICH I MRBM RAIL-TO-ROAD TRANSFER POINT		521217N 0274919E	UR	S081080
JONAVA NITROGEN FERTILIZER PLANT		550502N 0242001E	UR	S079910
REMBERTOW ARMY BARRACKS 1		521526N 0211403E	PL	S078902
WARSZAWA MILITARY STORAGE FAC 528 U/I SEARCH		521058N 0210407E	PL	S080841
WARSZAWA MILITARY STGE FACIL GENERAL 536 SRCH		521203N 0210325E	PL	S080842
SOVETSK ARMY BARRACKS AL4		550853N 0213915E	UR	S078037
KONKOVICH I MRBM RAIL-TO-ROAD TRANSFER POINT		521242N 0283401E	UR	S081080
VOLKA ARMY BARRACKS AL1		524756N 0253857E	UR	S078034
LEPEL ARMY BARRACKS AL6 + SAM SUPPORT FACIL		545400N 0285919E	UR	S078148
LEPEL ARMY BARRACKS AL6 + SAM SUPPORT FACIL		545400N 0285919E	UR	

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LEPEL TACTICAL SSM BARRACKS AL7		545812N 0284910E	UR	S080786
ORZYSZ SA-3 TRAINING SITE A14		534354N 0220439E	PL	S079199
GRODNO ARMY BARRACKS AL9		533825N 0235015E	UR	S078033
BREST COMPUTER PLANT POSS		520640N 0234445E	UR	S079337
BREST ARMY BARRACKS AL9		520510N 0234900E	UR	S079729
VOLKA ARMOR + SAM MANEUVER TRAINING AREA CF		524745N 0244215E	UR	S080241
VOLKA ARMOR + SAM MANEUVER TRAINING AREA CF		524745N 0244215E	UR	
BORISOV GRAIN ELEVATORS + WAREHOUSES		541250N 0283140E	UR	S079309
KONKOVICHI MOBILE IRBM BASE PROB CONSTRUCTION		521019N 0283448E	UR	S079637
KONKOVICHI MOBILE IRBM BASE		521019N 0283448E	UR	S081868
KONKOVICHI MOBILE IRBM BASE SS-X-20 CONST		521019N 0283448E	UR	S081080
KOZHANOVICHI MOBILE IRBM BASE PROB CONST		521121N 0274807E	UR	S079637
KOZHANOVICHI MOBILE IRBM BASE		521121N 0274807E	UR	S081868
KOZHANOVICHI MOBILE IRBM BASE SS-X-20 CONST		521121N 0274807E	UR	S081080
MINSK MAZOWIECKI AIRFIELD AAM STORAGE PTNTL		521146N 0213922E	PL	S078384
BARANOVICHI AIRFIELD AAM STORAGE POTENTIAL		530542N 0260254E	UR	S078950
BARANOVICHI AIRFIELD AAM SUPT FACIL AA-6 CANS		530542N 0260254E	UR	S078204
BARANOVICHI AIRFIELD AAM SUPT FACIL AA-6 CANS		530542N 0260254E	UR	
CHERNYAKHOVSK AIRFIELD TACTICAL ASM FAC PROB		543609N 0214703E	UR	S078136
CHERNYAKHOVSK AIRFIELD TACTICAL ASM FAC PROB		543609N 0214703E	UR	
MINSK/MACHULISHCHE AIRFIELD AAM STORAGE PTNTL		534626N 0273442E	UR	S078969
PANEVEZYS AIRFIELD AIR O/B		554348N 0242734E	UR	S079811
POSTAVY AIRFIELD AIR O/B		550703N 0264538E	UR	S079803

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ROSS AIRFIELD AAM STORAGE POTENTIAL		531810N 0242206E	UR	S078946
BEREZA AIRFIELD AAM STORAGE POTENTIAL		523328N 0245251E	UR	S078945
POLOTSK AIRFIELD SOUTH POL STORAGE CAPACITY		552442N 0284458E	UR	S079878
DAUGAVPILS AIRFIELD NE AAM STORAGE POTENTIAL		555633N 0264008E	UR	S078965
MIORY AIRFIELD POL STORAGE CAPACITY		553908N 0274155E	UR	S079970
DYATLOVO AIRFIELD POL STORAGE CAPACITY		533105N 0251932E	UR	S079443
DYATLOVO AIRFIELD RUNWAY DIMENSIONS		533105N 0251932E	UR	S080341
POLOTSK AIRFIELD NW POL STORAGE CAPACITY		553640N 0284025E	UR	S079962
KOZHANOVICHI SSM COMPLEX SS-16/SS-X-20 ACT		521258N 0275251E	UR	S079505
KONKOVICHI SSM COMPLEX SS-16/SS-X-20 ACTIVITY		521814N 0283850E	UR	

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OKONEK RAILROAD YARD SOUTH FLATCARS		533120N 0164950E	PL	S078249
OKONEK RAILROAD YARD SOUTH FLATCARS		533120N 0164950E	PL	S078241
TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76		530120N 0181520E	PL	S078251
TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76		530120N 0181520E	PL	
TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76		530120N 0181520E	PL	S078243
TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76		530120N 0181520E	PL	
KALININGRAD/KHRABROVO AIRFIELD GCA SITE		545323N 0203517E	UR	S079034
KALININGRAD/KHRABROVO AIRFIELD GCA SITE		545323N 0203517E	UR	S080880
GDYNIA PORT FACILITIES		543204N 0183207E	PL	S078227
SZCZECIN GRAIN SILO		532500N 0143500E	PL	S078159

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SZCZECIN PETROLEUM PRODUCTS STORAGE PARNICA		532441N 0143524E	PL	
SZCZECIN PETROLEUM PRODUCTS STORAGE		532534N 0143505E	PL	
SZCZECIN SHIPYARD		532443N 0143300E	PL	
SZCZECIN SHIPYARD A WARSKI		532649N 0143458E	PL	
SZCZECIN SHIPYARD A WARSKI TOMBA/SMOLNYY PROD		532649N 0143458E	PL	S079430
SZCZECIN GAS WORKS		532433N 0143248E	PL	S078159
KALININGRAD SHIPYARD STATE 820 PRODUCTION		544131N 0202612E	UR	S078544
KALININGRAD SHIPYARD STATE 820B CL LPH NEW		544131N 0202612E	UR	S078132
KALININGRAD SHIPYARD STATE 820 KRIVAK CL DD		544131N 0202612E	UR	S080270
KALININGRAD SHIPYARD STATE 820 PETYA CL FFL		544131N 0202612E	UR	S080269
KALININGRAD SHIPYARD STATE PETYA CL FFL MODIF		544131N 0202612E	UR	S080877
KALININGRAD SHIPYARD STATE 820B CL LPH NEW		544131N 0202612E	UR	S081151
GDYNIA NAVAL BASE OKSYWIE		543230N 0183300E	PL	S078227
GDYNIA SHIPYARD		543215N 0183105E	PL	
GDANSK SHIPYARD NORTH STOCZNIA WODNIK A6 PROD		542207N 0183844E	PL	S079430
GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA		542207N 0183844E	PL	S080794
BALTIYSK NAVAL BASE LOADING/OFF-LOADING ACT		543824N 0195510E	UR	S078138
BALTIYSK NAVAL BASE		543824N 0195510E	UR	S079219

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GDYNIA PETROLEUM PRODUCTS STORAGE WHARF		543201N 0183212E	PL	S078227
SZCZECIN PORT FACILITIES		532512N 0143450E	PL	S078159
BYDGOSZCZ PORT COMPLEX WEST		530723N 0180017E	PL	S080265
SWINUJSCIE PORT FACILITIES		535350N 0141554E	PL	S078348

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TOP SECRET CHESS RUFF

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WAC/BE	SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
[Redacted]	WARSZAWA AIR FORCE DEPOT KOLO	[Redacted]	521525N 0205622E	PL	S078699
	[Redacted]		[Redacted]	[Redacted]	[Redacted]
	USTKA PORT FACILITIES	[Redacted]	543506N 0165118E	PL	S080832
	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
	SZCZECIN PETROLEUM PRODUCTS STORAGE HARBOR	[Redacted]	532435N 0143619E	PL	S078159
	KALININGRAD ARMY BARRACKS KUMMERAU ECM EQUIP		544401N 0203215E	UR	S080510
	KALININGRAD ARMY BARRACKS NW AL14		544420N 0202737E	UR	S078041
	GDYNIA SHIP REPAIR YARD		543137N 0183300E	PL	S078227
	SZCZECIN ARMY BARRACKS KRECKOW 1/3		532650N 0142949E	PL	S078913
	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
BYDGOSZCZ MILITARY BARRACKS KOSZARY SHIELD 76	[Redacted]	530832N 0180052E	PL	S078246	

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
BYDGOSZCZ MILITARY BARRACKS KOSZARY SHIELD 76		530832N 0180052E	PL	
KOSZALIN ARMY BARRACKS 2		541119N 0161239E	PL	S078914
KOSTRZYN ARMY BARRACKS PIONEER 3		523538N 0144006E	PL	S078901
MIEDZYRZECZ ARMY BARRACKS 1		522618N 0153410E	PL	S078101
SLUPSK ARMY BARRACKS 1		542748N 0170242E	PL	S078903
[REDACTED]				
BORNE ARMY BARRACKS SULINOWO 201		533455N 0163233E	PL	S078435
[REDACTED]				
WALCZ ARMY BARRACKS 2		531655N 0162933E	PL	S078404
SZCZECINEK ARMY BARRACKS 2		534300N 0164045E	PL	S078904
[REDACTED]				
KOSZALIN ARMY BARRACKS NAPOLA 1		541150N 0161250E	PL	S079200
[REDACTED]				
OSTRODA ARMY BARRACKS 2		534141N 0195740E	PL	S078405
SULECHOW ARMY BARRACKS GRAF BREDLOW 2		520543N 0153742E	PL	S078905
GDANSK ARMY BARRACKS HUSAREN 1		542301N 0183539E	PL	S078406
[REDACTED]				
BALTIYSK AIR DEFENSE SECTOR HQ ECM EQUIPMENT		543945N 0195440E	UR	S080510

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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CHOSZCZNO. TACTICAL SSM BARRACKS 1		530959N 0152625E	PL	S078100
TORUN ARMY BARRACKS 11		530000N 0183758E	PL	S078407
TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76		525622N 0183600E	PL	S078250
TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76		525622N 0183600E	PL	
TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76		525622N 0183600E	PL	S078242
TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76		525622N 0183600E	PL	
TORUN MILITARY TRNG AREA 416 CP/COMMO EXER		525622N 0183600E	PL	S079644
TORUN MILITARY TRNG AREA 416 CP/COMMO EXER		525622N 0183600E	PL	
TORUN MILITARY TRNG AREA PODGORZ 416 CP EXER		525622N 0183600E	PL	S080446
KWIDZYN ARMY BARRACKS 1		534406N 0185640E	PL	S078454
KWIDZYN ARMY BARRACKS 1		534406N 0185640E	PL	S078896
KWIDZYN ARMY BARRACKS 2		534410N 0185621E	PL	S078454
KWIDZYN ARMY BARRACKS 2		534410N 0185621E	PL	S078897
BORNE MILITARY TRNG AREA CZECH ARMY SHIELD 76		533241N 0163836E	PL	S078210
BORNE MILITARY TRAINING AREA 404 SHIELD 76		533241N 0163836E	PL	S078198
DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76		532300N 0154336E	PL	S078247
DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76		532300N 0154336E	PL	
DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76		532300N 0154336E	PL	S078240
DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76		532300N 0154336E	PL	
ZLOCZENIEC ARMY BARRACKS + AMMO DPO SHIELD 76		533306N 0160320E	PL	S078245
ZLOCZENIEC ARMY BARRACKS + AMMO DPO SHIELD 76		533306N 0160320E	PL	
ZLOCZENIEC ARMY BARRACKS + AMMO DPO SHIELD 76		533306N 0160320E	PL	
ZLOCZENIEC ARMY BARRACKS + AMMO DPO SHIELD 76		533306N 0160320E	PL	S078239
ZLOCZENIEC ARMY BARRACKS + AMMO DPO SHIELD 76		533306N 0160320E	PL	
ZLOCZENIEC ARMY BARRACKS + AMMO DPO SHIELD 76		533306N 0160320E	PL	

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MRZEZYNO ARTILLERY BKS + AAA/SAM TRNG AREA 2		540749N 0151429E	PL	S078911
MRZEZYNO ARTILLERY BKS + AAA/SAM TRNG AREA 2		540749N 0151429E	PL	
MRZEZYNO ARTILLERY BKS + AAA/SAM TRNG AREA 2		540749N 0151429E	PL	
LIDZBARK WARMINSKI ARMY BARRACKS 1		540730N 0203239E	PL	S078915
LIDZBARK WARMINSKI ARMY BARRACKS 2		540746N 0203350E	PL	S078167
SWINOUJSCIE MILITARY BARRACKS 202		535500N 0141420E	PL	S081696
SZCZECIN ARMY BARRACKS KRECKOW NE 5		532748N 0142932E	PL	S078209
SZCZECIN ARMY BARRACKS BMP/MECH INFANTRY REGT		532748N 0142932E	PL	S078200
SZCZECIN ARMY BARRACKS KRECKOW NE 5		532748N 0142932E	PL	S078916
ELBLAG ARMY BARRACKS 8		541033N 0192456E	PL	S078169
CHELMNO ARMY BARRACKS 2		532057N 0182454E	PL	S078162
SZCZECIN THERMAL POWER PLANT		532443N 0143516E	PL	S078159
SZCZECIN PHOSPHATE FERTILIZER PLANT		532927N 0143659E	PL	
SZCZECIN SHIPYARD STOCZ REMONTOWA		532643N 0143522E	PL	
SLUBICE ARMY BARRACKS 1/2		522128N 0143405E	PL	S078898
GDYNIA NAVAL SHIPYARD OKSYWIE		543230N 0183155E	PL	S078227
GDYNIA NAVAL SHIPYARD OKSYWIE POLNOCNY CL LSM		543230N 0183155E	PL	S079191
BIEDRUSKO MILITARY TRNG AREA SHIELD 76 PREP		523245N 0165410E	PL	S078209
BIEDRUSKO MILITARY TRNG AREA SHIELD 76 PREP		523245N 0165410E	PL	S078200
BIEDRUSKO MILITARY TRNG AREA CP ACT SHIELD 76		523245N 0165410E	PL	S078800
BIEDRUSKO MILITARY TRNG AREA CP ACT SHIELD 76		523245N 0165410E	PL	
BIEDRUSKO MILITARY TRNG AREA CP ACT SHIELD 76		523245N 0165410E	PL	S078803
BIEDRUSKO MILITARY TRNG AREA CP ACT SHIELD 76		523245N 0165410E	PL	

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
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SWINOUJSCIE QUARTERMASTER RPR/STGE DEPOT SRCH		535328N 0141711E	PL	S080838
SZCZECIN MILITARY BARRACKS 4		532657N 0143010E	PL	S078917
SZCZECIN ARMY BARRACKS 7		532524N 0143235E	PL	S079033
WARSZAWA MILITARY STORAGE FACIL GENERAL 540		521638N 0205438E	PL	S080561
WARSZAWA MILITARY STORAGE FACIL PRUZZKOW 501		520949N 0204640E	PL	S080849
GADKI AIR AMMUNITION DEPOT		521753N 0170239E	PL	S078485
MODLIN ENGINEER BARRACKS + STORAGE FACIL SW 2		522540N 0204033E	PL	S081901
MODLIN ENGINEER BARRACKS + STORAGE FACIL SW 2		522540N 0204033E	PL	
LEBORK ARMY BARRACKS 2		543200N 0174520E	PL	S078160
LECZYCA AIR AMMUNITION STORAGE FACILITY		520025N 0190306E	PL	S078812
NOWY DWOR MILITARY STORAGE FACILITY 4/507		522603N 0204143E	PL	S081795
NOWY DWOR MILITARY STORAGE FACILITY 6		522832N 0204344E	PL	S081794
JASTROWIE RAILROAD YARD FLATCARS		532440N 0164759E	PL	S078249
JASTROWIE RAILROAD YARD FLATCARS		532440N 0164759E	PL	S078241
KALISZ POMORSKI RAILROAD YARD FLATCARS		531640N 0155300E	PL	S078249
KALISZ POMORSKI RAILROAD YARD FLATCARS		531640N 0155300E	PL	S078241
ZLOTOW RAILROAD YARD FLATCARS		532130N 0170310E	PL	S078249
ZLOTOW RAILROAD YARD FLATCARS		532130N 0170310E	PL	S078241
SZCZECIN PETROLEUM PRODUCTS STGE HARBOR EAST		532435N 0143628E	PL	S078159
WALCZ ARMY BARRACKS 4 SHIELD 76		531652N 0162849E	PL	S078246
WALCZ ARMY BARRACKS 4 SHIELD 76		531652N 0162849E	PL	
WALCZ ARMY BARRACKS 4 SIGNAL UNIT TRNG AREA		531652N 0162849E	PL	S079644

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC/BE

SUBJECT

IDHS CODE

COORD

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ACCN NO.

WALCZ ARMY BARRACKS 4 SIGNAL UNIT TRNG AREA
STARGARD SZCZECINSKI ARMY BARRACKS 1
SULECIN ARMY BARRACKS 2/203 PONTOON BRG REGT

531652N 0162849E PL
532013N 0150046E PL S078899
522636N 0151102E PL S079166

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KALININGRAD ARMY BARRACKS LUGOVOYE AL15
BALTIYSK NAVAL INFANTRY INSTL LDG/OFF-LDG ACT
BALTIYSK NAVAL INFANTRY INSTL LDG/OFF-LDG ACT

544005N 0203855E UR S078040
544110N 0195540E UR S078139
544110N 0195540E UR S078123

25X1

KAMIEN AIR AMMUNITION STORAGE FACILITY 501

535710N 0144600E PL S078814

25X1

ZLOTOW MOTOR VEHICLE PLANT MIL VEH MODIF/RPR
ZLOTOW MOTOR VEHICLE PLANT MIL VEH MODIF/RPR

532138N 0170311E PL S081545
532138N 0170311E PL

25X1

WARSZAWA AIRCRAFT REPAIR BASE OKECIE

521045N 0205840E PL S079093

25X1

25X1

1043
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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25X1

BALTIYSK NAVAL FACILITIES APPROACHES		5438 N 01955 E	UR	S079218
WARSZAWA AIRCRAFT REPAIR BASE KOLO		521520N 0205510E	PL	S078694

25X1
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25X1

BYDGOSZCZ AIRFIELD AIR O/B		530548N 0175814E	PL	S079710
POZNAN/KRZESINY AIRFIELD AAM STORAGE PTNTL		521957N 0165812E	PL	S078383
MALBORK AIRFIELD AAM STORAGE POTENTIAL		540140N 0190813E	PL	S078392
MODLIN AIRFIELD AAM STORAGE POTENTIAL		522706N 0203908E	PL	S078381
SLUPSK AIRFIELD AAM STORAGE POTENTIAL		542844N 0170613E	PL	S078380

25X1

LEZNICA WIELKA AIRFIELD AAM STORAGE POTENTIAL		520020N 0190844E	PL	S078393
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25X1

1044
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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25X1

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SEEGER AIRFIELD AAM STORAGE POTENTIAL		540234N 0161552E	PL	S078378
SMARDZKO AIRFIELD AAM STORAGE POTENTIAL		534729N 0154933E	PL	S078507
DEBRZNO AIRFIELD AAM STORAGE POTENTIAL		533132N 0171532E	PL	S078382
DEBRZNO AIRFIELD SHIELD 76 SUPPORT		533132N 0171532E	PL	S078248
DEBRZNO AIRFIELD SHIELD 76 SUPPOT		533132N 0171532E	PL	
KALININGRAD/KHRABROVO AIRFIELD		545320N 0203517E	UR	S079034
KALININGRAD/KHRABROVO AIRFIELD		545320N 0203517E	UR	S080880
KALININGRAD/YEZAU AIRFIELD AAM STORAGE PTNTL		543348N 0203610E	UR	S078966

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25X1

BABIMOST AIRFIELD AAM STORAGE POTENTIAL		520820N 0154754E	PL	S078508
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GOLENIOW AIRFIELD AAM STORAGE POTENTIAL		533507N 0145411E	PL	S078385
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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF



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23A1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	PETROPAVLOVSK NAVAL BASE MYS IZMENYY		525635N 1583917E	UR	S081704
	PETROPAVLOVSK NAVAL MSL STORAGE LDG/UNLDG OPS		525634N 1582342E	UR	S079241
	PETROPAVLOVSK SHIPYARD + NAVAL BASE SELDEVAYA		525358N 1582607E	UR	S078315
	PETROPAVLOVSK SHIPYARD + NAVAL BASE SELDEVAYA		525358N 1582607E	UR	
	PETROPAVLOVSK SHIPYARD + NAVAL BASE EXPSN		525358N 1582607E	UR	S081403
	PETROPAVLOVSK SHIPYARD + NAVAL BASE EXPSN		525358N 1582607E	UR	
	PETROPAVLOVSK NAVAL MISSILE LOADING FACILITY		525714N 1582550E	UR	S078317
	PETROPAVLOVSK NAVAL MISSILE LOADING/UNLDG OPS		525714N 1582550E	UR	S079241
	PETROPAVLOVSK NAVAL MSL LDG FAC SS-N-12 PROB		525714N 1582550E	UR	S079603

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TOP SECRET CHESS RUFF



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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PETROPAVLOVSK NAVAL MSL LDG FAC SS-N-8 LDG OP		525714N 1582550E	UR	S081169
POGRANICHNYY ESV TRACKING/MOLNIYA FACILITY		530546N 1582039E	UR	S081863
POGRANICHNYY ESV TRACKING/MOLNIYA 4-DISH ANT		530546N 1582039E	UR	S081047
PETROPAVLOVSK NAVAL BASE RAKOVAYA GUBA		525740N 1583945E	UR	S081705
PETROPAVLOVSK MISSILE PATROL BOAT BASE		525825N 1584004E	UR	S081706
PETROPAVLOVSK PORT FACILITIES		530039N 1583856E	UR	S080640
PETROPAVLOVSK SUBMARINE BASE/SHIPYARD SUB O/B		525455N 1582952E	UR	S075045
PETROPAVLOVSK SUBMARINE BASE + SHIP REPAIR YD		525455N 1582952E	UR	S078316
PETROPAVLOVSK SUBMARINE BASE + SHIP REPAIR YD		525455N 1582952E	UR	
PETROPAVLOVSK SUBMARINE BASE/SHIPYARD SUB O/B		525455N 1582952E	UR	S075045
PETROPAVLOVSK SUBMARINE BASE/SHPYD C-1 SS6N		525455N 1582952E	UR	S081386
PETROPAVLOVSK SUBMARINE BASE/SHPYD C-1 SS6N		525455N 1582952E	UR	
PETROPAVLOVSK NAVAL AREA SW APPROACHES		5253 N 15826 E	UR	S078314
PETROPAVLOVSK NAVAL FACILITIES NE APPROACHES		5300 N 15838 E	UR	S081703
PETROPAVLOVSK/YELIZOVO AFLD AAM STORAGE PTNTL		530958N 1582710E	UR	S078948
PETROPAVLOVSK/YELIZOVO AIRFIELD BUNKERS U/C		530958N 1582710E	UR	S080706
PETROPAVLOVSK/YELIZOVO AIRFIELD HANGARETTES		530958N 1582710E	UR	S080260
PETROPAVLOVSK/YELIZOVO AIRFIELD COOT VARIANTS		530958N 1582710E	UR	S080827
LENINO AIRFIELD		525435N 1565220E	UR	S078334
NIKOLAYEVSK PORT FACILITIES		530750N 1404242E	UR	S080639
LAZAREV PORT FACILITIES		521412N 1413050E	UR	S080704
MAGO PORT FACILITIES MARITIME		531512N 1401127E	UR	S080752
MOSKALVO PORT FACILITIES NEW		533237N 1423118E	UR	S079827

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
OKHA AIRFIELD POL STORAGE CAPACITY		533614N 1425805E	UR	S081907
OKHA AIRFIELD SW		533041N 1425229E	UR	S078961
TYNDINSKIY COMSAT STATION PROB		550839N 1244227E	UR	S080375
ZEYA PORT FACILITIES BULK MATERIALS ZEYA RVR		534410N 1271720E	UR	S080351
SKOVORODINO COMSAT STATION ORBITA		535807N 1235757E	UR	S080375
CHITA DRONE LAUNCH FACILITY LA-17M IN FLIGHT		520735N 1132330E	UR	S081485
CHITA RADIO RELAY STATION NW		520715N 1131630E	UR	S081452
VERSHINO DARASUNSKIY SA-1 SITE		523900N 1150900E	UR	S078264
CHITA ARMY BARRACKS NE EW STORAGE RESERVE		521031N 1133206E	UR	S079369
MOGOCHA AIRFIELD AW RADAR FACILITY		534340N 1194630E	UR	S081574
MOGOCHA HELIPORT GCA SITE		534425N 1194430E	UR	
CHITA ARMY BARRACKS EC AL6 SIGNAL REGT		520140N 1133215E	UR	S081433
CHITA SRF ARMY HQ RADCOM XMTR NO SIG CHANGE		520324N 1131137E	UR	S080702
SRETENSK MILITARY BARRACKS AL1 + HQ MRD		521519N 1174349E	UR	S081414
CHITA MILITARY BARRACKS AL4/HQ TRANSBAYKAL MD		520207N 1133022E	UR	S079146
MOGOCHA HELIPORT		534425N 1194430E	UR	S081574
MOGOCHA HELIPORT AIRMOBILE UNITS ACTIVITY		534425N 1194430E	UR	S081592
NIKOLAYEVSKOYE AIRFIELD		522010N 1165010E	UR	S080016
NERCHINSK AIRFIELD		520003N 1163208E	UR	S080017
IRKUTSK AIRFRAME PLANT 39		522131N 1041216E	UR	S079298
IRKUTSK AIRFRAME PLT 39 COCK/FLOGGER LDG OPS		522131N 1041216E	UR	S079231
IRKUTSK AIRFRAME PLT FOXBAT B/D MIG-25 IDENT		522131N 1041216E	UR	S081727

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
IRKUTSK AIRFRAME PLANT 39 COCK AN-22		522131N 1041216E	UR	S081407
ANGARSK PETROCHEMICAL CMB/SYNTHETIC FUELS PLT		523353N 1035531E	UR	S078153
BAKLASHI ARMY BARRACKS AL1 + HQ MRD		521031N 1035754E	UR	S081854
BELAYA AIRFIELD AAM STORAGE POTENTIAL		525454N 1033434E	UR	S078973
KURORT DARASUN RADIO RELAY STATION		511238N 1134225E	UR	S081452
MOGZON RADIO RELAY STATION PROB		514612N 1115924E	UR	
DOGUY RADIO RELAY STATION GOAL POST		511806N 1142515E	UR	
URULGA RADIO RELAY STATION		514712N 1144337E	UR	
ULAN UDE TACTICAL SSM BKS SS-1 BRIGADE IDENT		515105N 1075550E	UR	S078128
DARASUN RADIO RELAY STATION		514100N 1135000E	UR	S081452
DROVYANAYA SSM COMPLEX REVETMENT AREA 1 CONST		512750N 1130031E	UR	S081860
ULAN UDE AIRFRAME PLT 99 FLOGGER MIG-23 IDENT		515123N 1074344E	UR	S081385
KYAKHTA ARMY BARRACKS SOUTH AL1 + HQ TANK DIV		502055N 1062621E	UR	S078829
KYAKHTA ARMY BARRACKS AL1 M-1973 152MM SP GUN		502055N 1062621E	UR	S080661
KYAKHTA ARMY BARRACKS AL1/HQ TK DIV/SA-6 REGT		502055N 1062621E	UR	S081113
DROVYANAYA ICBM RAIL-TO-ROAD TRANSFER POINT		513040N 1130244E	UR	S081080
DROVYANAYA MOBILE IRBM BASE 2 SS-X-20 ACT		512023N 1130116E	UR	S078988
DROVYANAYA MOBILE IRBM BASE 1 SS-X-20 ACT		512720N 1130404E	UR	S078135
DROVYANAYA MOBILE IRBM BASE 1 SS-X-20 ACT		512720N 1130404E	UR	S079006

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TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
DROVYANAYA ICBM SITE 5 SS-7 SITE DISMANTLED		512251N 1125014E	UR	S076603
ULAN UDE ESV TRACKING FACILITY		515223N 1075650E	UR	S081863
ULAN UDE ESV TRACKING FACILITY 4-DISH CLUSTER		515223N 1075650E	UR	S081047
ULAN UDE ARMY BARRACKS AL1 + HQ MRD		515350N 1073150E	UR	S080424
ULAN UDE ARMY BARRACKS AL1 + HQ MRD		515350N 1073150E	UR	S081276
KARYMSKOYE GENERAL/NZHM ENGR DEPOT DE/DX1		513658N 1142005E	UR	S082177
DROVYANAYA MOBILE SSM BARRACKS AL1 + HQ SS-12		513308N 1130136E	UR	S078547
DROVYANAYA MOBILE SSM BKS AL1 + HQ SS-12 BRGD		513308N 1130136E	UR	S080309
DROVYANAYA MOBILE SSM BKS AL1 + HQ SS-12 EXER		513308N 1130136E	UR	S081300
DROVYANAYA MOBILE SSM BKS AL1 + HQ SS-12 EXER		513308N 1130136E	UR	S081300
DROVYANAYA MOBILE SSM BKS AL1/HQ SP MORT NEW		513308N 1130136E	UR	S080916
ULAN UDE ARMY BARRACKS AL3		515111N 1075329E	UR	S080191
NAUSHKI ARMY BARRACKS AL1 CONSTRUCTION BN		502315N 1060655E	UR	S079719
DROVYANAYA ICBM COMPLEX CP ALTERNATE BUNKER		511910N 1132434E	UR	S081868
CHOYBALSAN ARMY BARRACKS AL5 + HQ TANK DIV		480333N 1143755E	MG	S078829
GUSINOOZERSK ARMY BARRACKS AL1 + HQ MRD		511930N 1062715E	UR	S081277
INGODA RADIO RELAY STATION		515055N 1130520E	UR	S081452
NAUSHKI ARMY BARRACKS AL2		502140N 1061020E	UR	S079153
KARYMSKOYE RADIO RELAY + RADCOM RCVR STA NW		513820N 1141850E	UR	S081452
SPOKOYNNY RADIO RELAY STATION		510304N 1144950E	UR	
KYAKHTA ARMY BARRACKS AL3		502145N 1062725E	UR	S079147
KYAKHTA ARMY BARRACKS NORTH AL2		502228N 1062524E	UR	S081788
NYANGI SAM SUPPORT FACILITY		504223N 1061030E	UR	S079148

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ULAN UDE ARMY BARRACKS ALB		514800N 1073915E	UR	S079512
DROVYANAYA MOBILE IRBM BASE 1 SS-X-20 MARKERS		512718N 1130402E	UR	S081262
DROVYANAYA MOBILE IRBM BASE 1		512718N 1130402E	UR	S081868
DROVYANAYA MOBILE IRBM BASE 1 SS-X-20 CONST		512718N 1130402E	UR	S081080
DROVYANAYA MOBILE IRBM BASE PROB CONSTRUCTION		512021N 1130114E	UR	S079637
DROVYANAYA MOBILE IRBM BASE PROB		512021N 1130114E	UR	S079217
DROVYANAYA MOBILE IRBM BASE 2 SS-X-20 BLDGS		512021N 1130114E	UR	S080917
DROVYANAYA MOBILE IRBM BASE 2		512021N 1130114E	UR	S081868
DROVYANAYA MOBILE IRBM BASE 2 SS-X-20 CONST		512021N 1130114E	UR	S081080
DOMNA AIRFIELD COMMUNICATIONS EQUIP MOBILE		515500N 1130718E	UR	S078524
DOMNA AAM SUPPORT FACILITY		515500N 1130718E	UR	S079135
DOMNA AIRFIELD AAM STORAGE POTENTIAL		515500N 1130718E	UR	S079133
DOMNA AIRFIELD SA-4 BRIGADE IDENTIFICATION		515500N 1130718E	UR	S080671
DOMNA AIRFIELD SA-4 BRIGADE IDENTIFICATION		515500N 1130718E	UR	
DOMNA AIRFIELD AS-9 IDENTIFICATION		515500N 1130718E	UR	S081380
DOMNA AIRFIELD AS-9 IDENTIFICATION		515500N 1130718E	UR	
NIKOLAYEVSKOYE/GOREKATSAN AIRFIELD		510519N 1115028E	UR	S079458
NYANGI AAM SUPPORT FACILITY		504034N 1060833E	UR	S079135
NYANGI AIRFIELD AAM STORAGE POTENTIAL SEARCH		504034N 1060833E	UR	S079131
NYANGI AIRFIELD FLAGON SU-15 IDENT		504034N 1060833E	UR	S079005

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TOP SECRET CHESS RUFF

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SUBJECT

IDHS CODE

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ACCN NO.

NYANGI AIRFIELD HIND MI-24 IDENTIFICATION	504034N	1060833E	UR	S081375
DROVYANAYA SSM COMPLEX SS-7/SS-11 ACTIVITY	512743N	1131147E	UR	S078580
DROVYANAYA SSM COMPLEX SS-16/SS-X-20 ACTIVITY	512743N	1131147E	UR	S079505
DROVYANAYA SSM COMPLEX SS-11 ACTIVITY	512743N	1131147E	UR	S080315
MATUSOVO RADIO RELAY STATION	513015N	1161310E	UR	S081452
NERCHINSK RADIO RELAY STATION	515620N	1163310E	UR	
ORTUY RADIO RELAY STATION	505530N	1153436E	UR	
OLOVYANNAYA RADIO RELAY STATION PROB	505110N	1152955E	UR	
RAZMAKHININO RADIO RELAY STATION	514701N	1153023E	UR	
BALEY GOLD MINE 1 + CONCENTRATION PLANT	513424N	1163805E	UR	S078175
BALEY GOLD MINE 1 + CONCENTRATION PLANT	513424N	1163805E	UR	
DAURIYA ARMY BKS AL1 SA-6 REGT/SA-8 EQUIP	495607N	1165112E	UR	S080971
DAURIYA ARMY BKS AL1 SA-6 REGT/SA-8 EQUIP	495607N	1165112E	UR	
SHIRLOVAYA GORA ARMY BARRACKS AL1 MRD POSS	503103N	1162346E	UR	S079316
BALEY GOLD MINE 2	513330N	1164008E	UR	S078175
BORZYA ARMY BARRACKS SW AL1 + HEADQUARTERS	502242N	1163107E	UR	S081563
TSUGOL ARMY BARRACKS AL1	510338N	1153824E	UR	S079149
NADAROVSKIY ARMY BARRACKS BILYUTIN AL1	494935N	1170535E	UR	S080250
TSUGOL ARMY BARRACKS AL3 ARTILLERY INCREASE	510335N	1153317E	UR	S080287
TSUGOL ARMY BARRACKS AL3	510335N	1153317E	UR	S081855
BORZYA ARMY BARRACKS + HQ MRD UPGRADING	502105N	1162720E	UR	S079316
BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE	502105N	1162720E	UR	S080743
BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE	502105N	1162720E	UR	S080815
BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE	502105N	1162720E	UR	S081564
KHADABULAK RADIO RELAY STATION	503740N	1161600E	UR	S081452

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
DAURIYA ARMY BARRACKS AL3		495525N 1165115E	UR	S079150
BORZYA AIRFIELD		502153N 1162639E	UR	S078813
KHADA BULAK AIRFIELD NORTH AAM STORAGE PTNTL		504451N 1161344E	UR	S078972
HAILAERH AIRFIELD SW FARMER MIG-19 INCREASE		490946N 1194142E	CH	S081374
OLOVYANNAYA SSM COMPLEX SS-7/SS-11 ACTIVITY		505333N 1161013E	UR	S078580
OLOVYANNAYA SSM COMPLEX SS-11 ACTIVITY		505333N 1161013E	UR	S080315
CHEGDOMYN AMMUNITION STORAGE AREA DA2		510540N 1325045E	UR	S079919

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BIROBIDZHAN MILITARY BARRACKS AL1 + HQ MRD		484705N 1325327E	UR	S079154
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SVOBODNY ICBM SITE 5 GROUND FORCE INSTL CONV		515125N 1281220E	UR	S082176
SVOBODNY ICBM SITE 5 GROUND FORCE INSTL CONV		515125N 1281220E	UR	
VOZZHAYEVKA ARMY BKS SOUTH AL1 SAM TEL NEW		504304N 1284308E	UR	S081160
BIROBIDZHAN ARMY BARRACKS SSE AL3/SA-4 BRGD		484333N 1325831E	UR	S079156
BIROBIDZHAN ARMY BARRACKS SSE AL3/SA-4 BRGD		484333N 1325831E	UR	
BABSTOVO ARMY BARRACKS AL1		480725N 1322808E	UR	S080146
NIKOLAYEVKA MILITARY BARRACKS AL1		500400N 1274000E	UR	S080141
MALAYA SAZANKA ARMY BARRACKS AL1		511300N 1280350E	UR	S080142
BELOGORSK ARMY BARRACKS AL7 + HEADQUARTERS		505455N 1282735E	UR	S080143
ARKHARA ARMY BARRACKS AL1		492432N 1300630E	UR	S079509
OBLUCHYE ARMY BARRACKS AL1		485856N 1310356E	UR	S080192
IZVESTKOVVY RAILROAD CONSTRUCTION ENGR BKS		490038N 1313206E	UR	S081785

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VVEDENOVKA ARMY BARRACKS AL1		511540N 1281500E	UR	S080193
BELOGORSK ARMY BARRACKS TOM RIVER ALB		505520N 1282522E	UR	S080144
SHIMANOVSK AIRFIELD		515909N 1273837E	UR	S080615
UKRAINA AIRFIELD BISON M-4 COUNT		511007N 1282639E	UR	S081697
VOZZHAYEVKA AIRFIELD NE AAM STORAGE POTENTIAL		504610N 1284628E	UR	S078949
MIKHAYLOVKA/ZAVITAYA AIRFIELD		495414N 1285425E	UR	S080263
VERNOYE/ORLOVKA AIRFIELD		511558N 1284318E	UR	S080613
SVOBODNY SSM COMPLEX SS-7/SS-11 ACTIVITY		513241N 1280833E	UR	S078580
SVOBODNY SSM COMPLEX SS-11 ACTIVITY		513241N 1280833E	UR	S080315
BOLSHOY USSURIYSK OSTROV MILITARY ACTIVITY		482100N 1345000E	UR	S078832
BOLSHOY USSURIYSK OSTROV MILITARY CONST ACT		482100N 1345700E	UR	S080819
BOLSHOY USSURIYSK OSTROV MILITARY CONST ACT		482100N 1345000E	UR	S081990
TARABAROV OSTROV MILITARY ACTIVITY		482200N 1343200E	UR	S078832
TARABAROV OSTROV MILITARY CONSTRUCTION ACT		482200N 1343200E	UR	S081990
KHABAROVSK ARMY BARRACKS TAC AIR SIGNAL REGT		482840N 1350720E	UR	S080024
KOMSOMOLSK AIRFRAME PLANT ORDZHINIKIDZE 126		503518N 1370525E	UR	S079437
KOMSOMOLSK AIRFRAME PLANT 126 FITTER B/C PROD		503518N 1370525E	UR	S081180
KOMSOMOLSK AIRFRAME PLT FITTER FUSELAGE CRTS		503518N 1370525E	UR	S081407
KOMSOMOLSK SHIPYARD AMUR 199 PRODUCTION/EXPSN		503232N 1370248E	UR	S078544
KOMSOMOLSK SHIPYARD AMUR PRESSURE HULLS SRCH		503232N 1370248E	UR	S079318
KOMSOMOLSK SHIPYARD AMUR 199 ARDD U/C		503232N 1370248E	UR	S079356
KOMSOMOLSK SHIPYARD AMUR 199 D-1 CL SSBN LNCH		503232N 1370248E	UR	S080033

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KOMSOMLSK SHIPYARD AMUR 199 2-BAY CONST HALL		503232N 1370248E	UR	S079747
KOMSOMLSK SHIPYARD AMUR 199 V CLASS SSN BOW		503232N 1370248E	UR	S080416
KOMSOMLSK SHIPYARD AMUR 199 D-1 CL SSBN NEW		503232N 1370248E	UR	S080906
KOMSOMLSK SHIPYARD AMUR 199		503232N 1370248E	UR	S081265
KOMSOMLSK SHIPYARD AMUR D CL SSBN PROD POSS		503232N 1370248E	UR	S081154
KOMSOMLSK SHIPYARD AMUR 199		503232N 1370248E	UR	S081879
KHABAROVSK MILITARY BKS AL24 BMP/TROPO EQUIP		482918N 1352750E	UR	S079940
KHABAROVSK MILITARY BKS AL24 BMP/TROPO EQUIP		482918N 1352750E	UR	
ALEKSEYEVKA ASM SUPPORT FAC 2 AS-2 SHPG CONT		491517N 1401348E	UR	S080608
KHABAROVSK ARMY BKS AL26 TAC AIR SIGNAL REGT		483024N 1350540E	UR	S080024
KHABAROVSK SHIPYARD USSURI SOUTH PROD/EXPSN		482358N 1350522E	UR	S078544
KHABAROVSK SHIPYARD USSURI SOUTH 876		482358N 1350522E	UR	S079433
KOMSOMLSK TV CENTER RADIO RELAY ANTENNA SRCH		503215N 1370150E	UR	S079367
KOMSOMLSK TV CENTER RADIO RELAY ANTENNA SRCH		503215N 1370150E	UR	
TOKI MILITARY BARRACKS U/I RAZED		490630N 1401930E	UR	S081900
KHABAROVSK RAILROAD CONSTRUCTION ENGINEER BKS		482430N 1350905E	UR	S081791
KOMSOMLSK AIRFIELD AAM STORAGE POTENTIAL		503558N 1370514E	UR	S078956
KOMSOMLSK AAM SUPPORT FACILITY		503558N 1370514E	UR	S079135
KOMSOMLSK AIRFIELD AAM STORAGE POTENTIAL		503558N 1370514E	UR	S079130
KOMSOMLSK AIRFIELD SOUTH MSL SHPG CONT NEW		502432N 1365608E	UR	S080694
KOMSOMLSK AIRFIELD SOUTH MSL SHPG CONT NEW		502432N 1365608E	UR	
KOMSOMLSK AIRFIELD SOUTH FOXBAT MIG-25 IDENT		502432N 1365608E	UR	S081505

25X1

25X1

25X1

1055

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KHABAROVSK AIRFIELD		482745N 1350907E	UR	S080060
KHABAROVSK/NEKRASOVKA AIRFIELD		482339N 1351339E	UR	S080747
SOVETSKAYA GAVAN/MAYGATKA AIRFIELD		485516N 1400156E	UR	S080261
SOVETSKAYA GAVAN/MAYGATKA AFLD POL STGE CPCTY		485516N 1400156E	UR	S081912
KHABAROVSK/BLAGODATNOYE AFLD AAM STGE PTNTL		482437N 1352459E	UR	S078957
KHABAROVSK/BLAGODATNOYE AIRFIELD AS-7 CRATES		482437N 1352459E	UR	S079299
KHABAROVSK/BLAGODATNOYE AIRFIELD AS-7 CRATES		482437N 1352459E	UR	
SMIRNYKH AIRFIELD AW RADAR FAC TWIN EAR SRCH		494630N 1425150E	UR	S079366
UGLEGORSK PORT FACILITIES		490441N 1420207E	UR	S080831
PORONAYSK PORT FACILITIES		493141N 1430706E	UR	S080669
SMIRNYKH AIRFIELD AAM STORAGE POTENTIAL		494421N 1425147E	UR	S078960
GASTELLO AIRFIELD POL STORAGE SEARCH		490635N 1425746E	UR	S079816
GASTELLO AIRFIELD		490635N 1425746E	UR	S080436
GASTELLO AIRFIELD		490635N 1425746E	UR	S081691
KIROVSKOYE AIRFIELD SOUTH		504045N 1424515E	UR	S082044
VASILYEVO AIRFIELD		500054N 1552418E	UR	S079809

25X1

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TEPLICE MILITARY VEHICLE PARK NE

504005N 0135200E CZ S079427

PARDUBICE PETROLEUM REFINERY FANTO

500152N 0154450E CZ S080649

25X1

25X1

1056
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PRAHA AIRCRAFT REPAIR BASE MALESICE		500451N 0143146E	CZ	S078511
DECIN PORT COMPLEX		504740N 0141340E	CZ	S081654
PLZEN ARMY BARRACKS NA SLOVANECH SE 3		494313N 0132423E	CZ	S078663
PLZEN ARMY BARRACKS BORECH 1/2		494335N 0132145E	CZ	S078426
JICIN ARMY BARRACKS NE 1		502635N 0152153E	CZ	S078436
ROKYCANY ARMY BARRACKS SOUTH 2		494355N 0133531E	CZ	S078427
STRASICE ARMY BARRACKS 1		494400N 0134550E	CZ	S078463
STRASICE ARMY BARRACKS 1		494400N 0134550E	CZ	S081124
STRASICE ARMY BARRACKS 1		494400N 0134550E	CZ	S080772
SOKOLOV ARMY BARRACKS VITKOV 1		501035N 0123900E	CZ	S078437
PRAHA AIRCRAFT ENGINE TEST FAC STARA BOESLAV		501300N 0144200E	CZ	S078328
STRIBRO ARMY BARRACKS WEST 1		494512N 0125912E	CZ	S078428

25X1

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1057
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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25X1

25X1

BOLESLAWIEC ARMY BKS SOUTH 1/2 SA-6 EQUIPMENT		511448N 0153425E	PL	S078455
BOLESLAWIEC ARMY BKS SOUTH 1/2 SA-6 EQUIPMENT		511448N 0153425E	PL	
PLZEN ARMY BARRACKS DOBRANY		493900N 0131800E	CZ	S078438

25X1

25X1

SWIETOSZOW MILITARY TRNG AREA SHIELD 76 PREP		512759N 0152723E	PL	S078197
SWIETOSZOW MILITARY TRNG AREA SHIELD 76 EXER		512759N 0152723E	PL	S078207

25X1

1058
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
23A1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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25X1

25X1

[REDACTED]				
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CESKE BUDEJOVICE AIRFIELD AAM STORAGE PTNTL		485648N 0142542E	CZ	S078336
PRAHA/KBELY AIRFIELD POL STORAGE		500720N 0143241E	CZ	S080423
ZATEC AIRFIELD POL STORAGE CAPACITY		502219N 0133523E	CZ	S080438
DOBRANY AIRFIELD POL STORAGE CAPACITY		494028N 0131620E	CZ	S080422
BECHYNE AIRFIELD AAM STORAGE POTENTIAL		491630N 0143010E	CZ	S078330

25X1

[REDACTED]				
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25X1

STARUGARD MILITARY INSTALLATION U/I SEARCH		513242N 0151258E	PL	S080837
ZIELONA GORA ENGINEER STORAGE FAC 501 SEARCH		515656N 0153007E	PL	S080853
DOBRIS SIGNALS BARRACKS 1		494718N 0141319E	CZ	S079730
KASPERSKA HORY MILITARY BARRACKS 3		490832N 0133327E	CZ	S078429

1059

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NEPOMUK MILITARY BARRACKS 1		492946N 0133449E	CZ	S078430
STRELSKE HOSTICE MILITARY ENGINEER BARRACKS 1		491754N 0134523E	CZ	S081540
STRELSKE HOSTICE MILITARY BARRACKS 3		491823N 0134418E	CZ	
STRELSKE HOSTICE MILITARY TRAINING AREA 402		491806N 0134404E	CZ	
SLATINANY AIR AMMUNITION DEPOT		495300N 0155357E	CZ	S078929
PRAHA AIRCRAFT REPAIR BASE		500543N 0141703E	CZ	S078338

25X1

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JAROMER ARMY BARRACKS 2		502014N 0155604E	CZ	S078431
RAKOVNIK AIR AMMUNITION DEPOT SE		500528N 0134734E	CZ	S078967
DOBRANY AIRCRAFT REPAIR BASE		494028N 0131620E	CZ	S078815
MIMON ARMY BARRACKS ESE 221		503820N 0144750E	CZ	S078456

25X1

CESKE BUDEJOVICE AIRCRAFT REPAIR BASE		485638N 0142640E	CZ	S078817
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STRUZNA ARMY BARRACKS 1		501105N 0130020E	CZ	S078432
PLZEN AIRCRAFT REPAIR BASE		494320N 0131950E	CZ	S079092

25X1

1060
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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MILOVICE/JIRICE ARMY BARRACKS		501430N 0144800E	CZ	S078412
TEPLICE MILITARY INSTALLATION NW		503905N 0134855E	CZ	S079427
VINOGRADOV ORDNANCE DEPOT VEHICLES/EQUIPMENT		480755N 0230230E	UR	S078195
KAMENKA BUGSKAYA HF COMMUNICATIONS FACILITY		500512N 0242108E	UR	S081678
LVOV ARMY BARRACKS		494924N 0240838E	UR	S080787
SENICA ARTILLERY/RKT TEST RNGE MAIN SUPT AREA		483730N 0172150E	CZ	S079749
DROGOBYCH ARMY BARRACKS SOUTH		491930N 0233107E	UR	S080313
LVOV COMMAND CONTROL RADIO COMMO FAC BKR U/I		494340N 0240705E	UR	S081678
LVOV/SKNILOV AIRFIELD EW RADAR SITE		494900N 0235600E	UR	S079222
LVOV/SKNILOV AIRFIELD AIR TRAFFIC CNTRL SITE		494851N 0235707E	UR	
MUKACHEVO HEN HOUSE ABM RADAR FACILITY COMP		482315N 0224141E	UR	S079987
SVALYAVA ARMY BARRACKS OPERATIONS AREA		483330N 0225935E	UR	S078186
LABEDY TANK PLANT NEW SUSP		502101N 0184555E	PL	S079432
MIELEC AIRFRAME PLANT M-15 AGRICULTURAL A/C		501838N 0212740E	PL	S078106
MIELEC AIRFRAME PLANT M-15 AGRICULTURAL A/C		501838N 0212740E	PL	S078125
MIELEC AIRFRAME PLANT WSK NO SIGNIFICANT CHNG		501838N 0212740E	PL	S081780

25X1

1061

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ADAMOV AMMUNITION + GM PARTS PLANT ADAST	491754N	0163928E	CZ	S079358
ADAMOV AMMUNITION + GM PARTS PLANT ADAST	491754N	0163928E	CZ	
LVQV/SKNILOV AIRCRAFT REPAIR BASE	494930N	0235640E	UR	S079222
WROCLAW PORT COMPLEX WEST ODER RIVER	510746N	0170108E	PL	S081694
BRATISLAVA PORT COMPLEX	480822N	0170805E	CZ	S081144
STALOWA WOLA STEEL PLANT	503319N	0220306E	PL	S079751
BOHUSLAVICE AMMUNITION PLT RIJNOVE REVOLUCE 4	490610N	0175430E	CZ	S079307
CHOP RAILROAD TRANSLOADING YARD T-62 TANKS	482556N	0221313E	UR	S080041
CHOP RAILROAD TRANSLOADING YARD T-62 TANKS	482556N	0221313E	UR	
LVQV BUS PLANT EXPANSION	494829N	0240112E	UR	S078560
KATOWICE RAILROAD YARD VARYING-AXLE MACH SRCH	501533N	0190020E	PL	S080290
OSWIECIM ARMY BARRACKS SOLA RIVER	500145N	0191200E	PL	S078163
LUBLIN ARMY BARRACKS NW 1	511456N	0223152E	PL	S078165
NITRA ARMY BARRACKS PODZOBOROM 1	481924N	0180612E	CZ	S078433
OLOMOUC ARMY BARRACKS DRAGONER 6	493530N	0171607E	CZ	S080822
PROSTEJOV ARMY BARRACKS 2	492739N	0170756E	CZ	S078439
TRENCIN ORDNANCE VEH REPAIR FAC ZLATOVICE 505	485445N	0180120E	CZ	S080559
KRAKOW ARMY BARRACKS 4	500447N	0195435E	PL	S078164
BRECLAV ARMY BARRACKS	484610N	0165345E	CZ	S078194
GLIWICE ARMY BARRACKS LUDENDORF 1	501802N	0183818E	PL	S078659
TARNOWSKIYE GORY ARMY BARRACKS UHLANEN 1	502702N	0185037E	PL	S078918
TARNOW ARMY BARRACKS 2	500040N	0205820E	PL	S078919
TARNOW ARMY BARRACKS 1	500058N	0205915E	PL	S078920

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1062

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
JAROSLAW ARMY BARRACKS NORTH		500049N 0224057E	PL	S081570
DEBLIN AMMUNITION DEPOT STAWY 504		513532N 0215426E	PL	S080493
TRENCIN AIRCRAFT REPAIR BASE		485227N 0180112E	CZ	S078974
MEDYKA RAILROAD XLDG VARYING-AXLE MACH SEARCH		494757N 0225457E	PL	S080290
YAVOROV ARMY BARRACKS AL1		495709N 0232332E	UR	S078173
ZNOJMO ARMY BARRACKS STEFANIKOVE 1		485139N 0160320E	CZ	S078434
LEGNICA HEADQUARTERS NGF 204 COMMO EXERCISE		511153N 0160912E	PL	S080675
JASLO AMMUNITION DEPOT LOADING/PROD ACT SRCH		494553N 0212501E	PL	S080494
JASLO AMMUNITION DEPOT LOADING/PROD ACT SRCH		494553N 0212501E	PL	S080494
SPISSKA NOVA VES ARMY BARRACKS SOUTH		485600N 0203415E	CZ	S080301
SPISSKA NOVA VES ARMY BARRACKS STEFANIK		485618N 0203419E	CZ	S080301
SANOK ARMY BARRACKS PANZER 2		493328N 0221321E	PL	S078408
LVOV RADIO RELAY/RADCOM XMTR STA AERONAUTICAL		494930N 0235905E	UR	S081678
LVOV/SKNILOV AIR DEPOT		494915N 0235718E	UR	S079222
SKIERNIEWICE ARMY BARRACKS 1/2		515705N 0200830E	PL	S078409
VLADIMIR VOLYNSKIY MILITARY BKS AL2 + HQ MRD		505122N 0241740E	UR	S078150
PLESZEW ARMY BARRACKS SSE 1		515308N 0174735E	PL	S078410
KALISZ AIRCRAFT ENGINE PLANT WSK		514421N 0180602E	PL	S081513
RYCHNOV NAD KNEZNOU ARMY BARRACKS 1		501010N 0161620E	CZ	S080812
RYCHNOV NAD KNEZNOU ARMY BKS 1 SS-1 BRGD SRCH		501010N 0161620E	CZ	S081286
RAVA RUSSKAYA ARMY BARRACKS SOUTH AL1		501325N 0233750E	UR	S078656
STRAZSKE CHEMICAL PLANT CHEMKO		485250N 0214852E	CZ	S079844
LYUBOML ARMY BARRACKS AL1 ENGINEER EQUIPMENT		511226N 0240152E	UR	S078196

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1063

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MUKACHEVO MRBM SITE 2		481929N 0223711E	UR	S080825
SVALYAVA SAM SUPPORT FACILITY		483329N 0225918E	UR	S078186
LVOV ARMY BARRACKS AL3		494859N 0240105E	UR	S078658
DROGOBYCH ARMY BARRACKS AL1		492036N 0233005E	UR	S080313
KOVEL ARMY BARRACKS AL2		511430N 0244245E	UR	S078906
VOLYA VYSOTSKA ARMY BKS AL1 SIGNAL BN PROB		500505N 0235548E	UR	S078073
KHUST ARMY BARRACKS AL1		481100N 0231830E	UR	S079180
MUKACHEVO MRBM SITE 1		481847N 0223047E	UR	S080823
MUKACHEVO MRBM SUPPORT FACILITY		481703N 0223558E	UR	S080826
LUKOV ARMY BARRACKS MATSEYEV AL1		511400N 0242100E	UR	S079727
LUKOV ARMY BARRACKS MATSEYEV AL1		511400N 0242100E	UR	S080833
ZURAWICA RAILROAD XLDG VARYING-AXLE MACH SRCH		495025N 0224910E	PL	S080290
ZABKOWICE SLASKIE ARMY BARRACKS 1		503530N 0164932E	PL	S078921
LUBLINIEC ARMY BARRACKS 1		503938N 0184109E	PL	S078168
DETVA CONSTRUCTION EQUIP + ARMORED VEH PLANT		483335N 0192150E	CZ	S079183
DETVA CONSTRUCTION EQUIP + ARMORED VEH PLANT		483335N 0192150E	CZ	
DROGOBYCH ARMY BARRACKS SOUTH AL2		491940N 0233105E	UR	S080313
BORISLAV ARMY BARRACKS AL1		491800N 0232500E	UR	S079424
BORISLAV ARMY BARRACKS NORTH AL2		491800N 0232600E	UR	
LVOV MILITARY TRAINING AREA HELI GUNSHIP RNGE		500200N 0233500E	UR	S081112
MUKACHEVO ARMY TRAINING AREA 2		482330N 0224400E	UR	S079181
BRATISLAVA EXPLOSIVES PLANT DIMITROVA		481059N 0170831E	CZ	S079800
LABEDY STEEL + TANK MANUFACTURING PLANT		502140N 0183651E	PL	S079432

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1064

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LABEDY STEEL + TANK MANUFACTURING PLANT		502140N 0183651E	PL	
WROCLAW MILITARY STORES AREA BRESLAU		510716N 0170028E	PL	S080866
BRECLAV MILITARY BARRACKS WEST		484529N 0165240E	CZ	S078194
CHELM ARMY BARRACKS 1/2		510819N 0232710E	PL	S078411
SVALYAVA SAM TRAINING FACILITY		483333N 0225937E	UR	S078186
YAVOROV ARMY BARRACKS AL2 + SAM SUPPORT FACIL		495530N 0232255E	UR	S078657
YAVOROV ARMY BARRACKS AL2 + SAM SUPPORT FACIL		495530N 0232255E	UR	
YAVOROV ARMY BARRACKS AL2 + SAM SUPPORT FACIL		495530N 0232255E	UR	S079182
YAVOROV ARMY BARRACKS AL2 + SAM SUPPORT FACIL		495530N 0232255E	UR	
KAMENKA BUGSKAYA TACTICAL SSCM BARRACKS AL1		500543N 0242048E	UR	S078151
LUBLIN HEADQUARTERS MECHANIZED DIVISION 7		511450N 0223300E	PL	S081903
STRYKOW MILITARY BARRACKS 1 SEARCH		515359N 0193735E	PL	S080851
BIELSKO BIALA ARMY BARRACKS KOMANDOSY 1		494939N 0190247E	PL	S078161
BOHUNICE NUCLEAR POWER PLANT CONST ACTIVITY		482934N 0174020E	CZ	S078047
RYBNIK ENGINEER STORAGE FACILITY 501 SEARCH		500627N 0183254E	PL	S080835
WARSZAWA ENGINEER STORAGE FACILITY 507 SEARCH		514622N 0203302E	PL	S080848
WROCLAW ORDNANCE STORAGE FACILITY 563		510416N 0165755E	PL	S080868
ZURAWICA ARMY BARRACKS 2		494917N 0224926E	PL	S081689
BRECLAV MILITARY BARRACKS 3		484509N 0165337E	CZ	S078194
BRECLAV MILITARY ENGINEER STORAGE FACIL 504		484707N 0165230E	CZ	
BRECLAV MILITARY ENGINEER STORAGE FACIL 505		484601N 0165329E	CZ	
KOSTELEC NAD ORLICI MILITARY TRNG AREA 403		500624N 0161129E	CZ	S080873
MICHALOVCE ARMY BARRACKS 1		484600N 0215428E	CZ	S078440
PETERVASARA AMMUNITION STORAGE FACILITY 502		480208N 0200403E	HU	S081417

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1065
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ZGIERZ ARMY BARRACKS NORTH 2		515218N 0192420E	PL	S078900
LVQV RADIO COMMUNICATIONS STATION PODBORTSY		494859N 0241050E	UR	S081678
KRAKOVETS ARMY BARRACKS AL1		495810N 0231100E	UR	S078071
STRYY ARMY BARRACKS AL4		491628N 0235212E	UR	S081547
LVQV RADIO COMMUNICATIONS STATION SE		494903N 0241319E	UR	S081678
MORAVSKIY BEROUN AIR AMMO DEPOT DETRICHOV		495125N 0172325E	CZ	S078928
POVAZSKA BYSTRICA AIR AMMUNITION DEPOT RASOV		491001N 0183229E	CZ	S078975
KOSICE AIR AMMUNITION DEPOT MALA IDA		484125N 0211018E	CZ	S079082
WLODAWA ARMY BARRACKS NORTH 1		513340N 0233345E	PL	S078166
VINOGRADOV ORDNANCE DEPOT D01		480921N 0230133E	UR	S078152
STRYY SAM SUPPORT FACILITY 2		491451N 0234939E	UR	S078444
MUKACHEVO ARMY BARRACKS AL6		482540N 0224120E	UR	S079178
STRYY SAM SUPPORT FACILITY 3 EW REGIMENT		491458N 0235020E	UR	S079369
LVQV RADIO RELAY + RADIO COMMO XMTR STATION		495100N 0240043E	UR	S081678
MOSNOV AIR AMMUNITION DEPOT 504		493912N 0180612E	CZ	S078697
NEUDORF AIRCRAFT REPAIR BASE		503740N 0174710E	PL	S079079
MALACKY AIR AMMUNITION DEPOT		482048N 0170734E	CZ	S078487
LVQV COMMAND CONTROL FACILITY SKHLO BKR U/I		495945N 0232740E	UR	S080316
SHCHIRETS ARMY BARRACKS AL1		493835N 0235115E	UR	S079174
KHUST ARMY BARRACKS WEST AL2		481050N 0231220E	UR	S078081
LVQV RADIO COMMO XMTR STA JOINT COMMAND HARD		495219N 0233959E	UR	S081678
MUKACHEVO ARMY BARRACKS AL3		482510N 0224130E	UR	S079177

25X1
25X1

1066
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

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25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

225X1

	STARY HROZENKOV MILITARY BARRACKS 1		485730N 0175250E	CZ	S078413
	LVOV ARMY BARRACKS BRYUKHOVICH I AL14		495345N 0235520E	UR	S078594
	SVALYAVA ARMY BARRACKS AL1		483329N 0225918E	UR	S078186
	SVALYAVA ARMY BARRACKS AL1/SAM SUPPORT FACIL		483329N 0225918E	UR	S081671
	SVALYAVA ARMY BARRACKS AL1/SAM SUPPORT FACIL		483329N 0225918E	UR	
	LODZ AIRCRAFT REPAIR BASE		514303N 0192420E	PL	S079083
	DROGOSBYCH ARMY BARRACKS		492032N 0233146E	UR	S080313
	VINOGRADOV ENGINEER/NZHM-56 STORAGE DEPOT		480755N 0230230E	UR	S081278
	WROCLAW/STRACHOWICE AIRFIELD AAM STGE PTNTL		510616N 0165257E	PL	S078379
	ZENDEK AIRFIELD AAM STORAGE POTENTIAL		502839N 0190506E	PL	S078510
	SLIAC AIRFIELD HIND A MI-24 IDENTIFICATION		483813N 0190807E	CZ	S080922
	OLESNICA AIRFIELD AIR O/B		511253N 0172618E	PL	S079810
	GORODOK AIRFIELD AAM STORAGE POTENTIAL		494416N 0234006E	UR	S078979
	GORODOK AIRFIELD AIR O/B		494416N 0234006E	UR	S079804
	GORODOK AIRFIELD NE POL STORAGE CAPACITY		494935N 0234130E	UR	S079848
	LVQV/SKNILOV AIRFIELD M-15 AGRICULTURAL A/C		494847N 0235707E	UR	S078106
	LVQV/SKNILOV AIRFIELD M-15 AGRICULTURAL A/C		494847N 0235707E	UR	S078125
	LVQV/SKNILOV AIRFIELD		494847N 0235707E	UR	S079222
	LVQV/SKNILOV AIRFIELD AIR O/B		494847N 0235707E	UR	S079812
	MUKACHEVO AIRFIELD AAM STORAGE POTENTIAL		482400N 0224114E	UR	S079086
	IVANO FRANKOVSK AIRFIELD AAM STORAGE PTNTL		485317N 0244130E	UR	S078980
	STRYY AIRFIELD CYLINDERS U/I COMPARISON		491443N 0234726E	UR	S078263

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
STRYY AIRFIELD AAM STORAGE POTENTIAL		491443N 0234726E	UR	S078971
STRYY AIRFIELD RAIL CARS		491443N 0234726E	UR	S081456
STRYY AIRFIELD RAIL CARS		491443N 0234726E	UR	
LASK AIRFIELD AAM STORAGE POTENTIAL		513310N 0191043E	PL	S078509
MOGILEV PODOLSKIY MILITARY INSTALLATION		482704N 0274140E	UR	S078050
STOLIN BOMBING RANGE		515230N 0271950E	UR	S080898
GREBENKA RAILROAD CONST ENGINEER BKS NZHM-56		500815N 0322730E	UR	S081419
ZHITOMIR ARMY BARRACKS SOUTH		501155N 0284000E	UR	S079425
TULCHIN ARMY TRAINING AREA WEST		484045N 0284705E	UR	S078062
KIROVOGRAD AMMUNITION STORAGE CIV STGE PROB		482952N 0321409E	UR	S081282
KIROVOGRAD AMMUNITION STORAGE CIV STGE PROB		482952N 0321409E	UR	
ROVNO NUCLEAR POWER STATION POSS U/C		511940N 0255230E	UR	S078047
VINNITSA SRF ARMY HQ RDO XMTR BKR NO SIG CHNG		493030N 0280010E	UR	S080702
IRSHA U/I INSTALLATION U/C		504325N 0293300E	UR	S081583
KAMENETS PODOLSKIY SPACE TRKG FACIL U/C IDENT		485110N 0264300E	UR	S078208
KAMENETS PODOLSKIY SPACE TRACKING FACILITY		485110N 0264300E	UR	S081038
KAMENETS PODOLSKIY SPACE TRACKING FACILITY		485110N 0264300E	UR	S081863
KIROVOGRAD/KANATOV0 AIRFIELD EW RADAR SITE		483350N 0322150E	UR	S079208
KIYEV OHD TRANSMITTER SUPPORT FACILITIES		513810N 0304230E	UR	S080634
KIYEV OHD TRANSMITTER		513810N 0304230E	UR	S081557
KIYEV OHD TRANSMITTER POWER TRANSMISSION SYS		513810N 0304230E	UR	S081761
KIROVOGRAD/KANATOV0 AIRFIELD GCA SITE		483342N 0322328E	UR	S079208
KIYEV AIRCRAFT CMPNT/MSL PROD PLT AA-7 CONTS		502740N 0302910E	UR	S078806

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KIYEV AIRCRAFT CMPNT/MSL PROD PLT AA-7 CONTS		502740N 0302910E	UR	
KIYEV AIRCRAFT COMPONENT + MSL PROD PLANT 485		502740N 0302910E	UR	S081681
KIYEV AIRCRAFT COMPONENT + MSL PROD PLANT 485		502740N 0302910E	UR	
KIYEV AIRFRAME PLANT 473		502752N 0302329E	UR	S080058
KIYEV AIRFRAME PLANT 473 TEST RAMP		502752N 0302329E	UR	S081023
KIYEV AIRFRAME PLANT 473 ANATOV DESIGN BUREAU		502752N 0302329E	UR	S081022
KIYEV AIRFRAME PLANT 473 ANATOV DESIGN BUREAU		502752N 0302329E	UR	S081002
KIYEV AIRFRAME PLANT 473		502752N 0302329E	UR	S081344
KIYEV SHIPYARD STALIN		502845N 0303019E	UR	S079513
KIYEV PORT COMPLEX DNEPR RIVER		502828N 0303113E	UR	
KIYEV SHIPYARD LENINSKAYA KUZNITSA		502845N 0303142E	UR	
KREMUNCHUG RAILROAD CAR MFG PLANT KRYUKOV		490121N 0332657E	UR	S079134
KAMENETS PODOLSKIY ARTILLERY DEPOT D01 EQUIP		484142N 0263514E	UR	S079426
KAMENETS PODOLSKIY ARTILLERY DEPOT D01		484142N 0263514E	UR	S080309
SHEPETOVKA ARMY BARRACKS NW AL1		501141N 0270303E	UR	S078084
ZHITOMIR ORDNANCE DEPOT D01		501216N 0284025E	UR	S079425
KIROVOGRAD ARMY BARRACKS CENTRAL AL1		483055N 0321530E	UR	S080810
ZHITOMIR ARMY BKS AL2/HQ 8TH TK ARMY/SAM SUPT		501632N 0283708E	UR	S079425
ZHITOMIR ARMY BKS AL2/HQ 8TH TK ARMY/SAM SUPT		501632N 0283708E	UR	
ZHITOMIR ARMY BARRACKS WEST AL3		501443N 0283738E	UR	
SHEPETOVKA ORDNANCE DEPOT D01		501106N 0270450E	UR	S078085
OVRUCH ARMY BARRACKS AL1/HEADQUARTERS TK DIV		511947N 0284744E	UR	S078661
ZHMERINKA ARMY BARRACKS SW AL1		490206N 0280533E	UR	S079423
STARO KONSTANTINOV ARMY BARRACKS WEST AL1		494455N 0271102E	UR	S078451

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
STARO KONSTANTINOV ARMY BARRACKS WEST AL1		494455N 0271102E	UR	S078149
STARO KONSTANTINOV ARMY BKS WEST AL1 TK UNITS		494455N 0271102E	UR	S081543
ZHMERINKA ARMY BARRACKS AL2		490337N 0280645E	UR	S079179
KHMELNITSKIY ARMY BARRACKS RAKOVO AL1 TANKS		492348N 0270343E	UR	S081543
TERNOPOL ARMY BARRACKS NE AL1		493348N 0253615E	UR	S078068
CHERNOVTSY ARMY BARRACKS SADGORA AL7		482025N 0255742E	UR	S078078
KAMENETS PODOLSKIY ARMY BKS SE AL1 VEHS/EQUIP		484008N 0263526E	UR	S079426
TULCHIN ARMY BARRACKS AL1		484038N 0285147E	UR	S078062
KRIVROY ROG THERMAL POWER PLT SOKOLOVKA EXPSN		480009N 0332626E	UR	S079336
SHEPETOVKA SAM TRAINING SITE		500945N 0270532E	UR	S079176
KAMENETS PODOLSKIY ARMY BKS NW AL2 VEHS/EQUIP		484058N 0263412E	UR	S079426
KHMELNITSKIY ARMY BARRACKS RUZHICHNAYA AL3		492420N 0265933E	UR	S078597
NOVOGRAD VOLYNSKIY ARMY/SAM MANEUVER AREA 30		503915N 0273600E	UR	S079165
NOVOGRAD VOLYNSKIY ARMY/SAM MANEUVER AREA 30		503915N 0273600E	UR	
ZHITOMIR ARMY TRAINING AREA SINGURI		501000N 0283800E	UR	S079425
KAMENETS PODOLSKIY ARTILLERY DEPOT VEHS/EQUIP		484142N 0263440E	UR	S079426
ZHITOMIR ARMY BARRACKS AL4 + HQ ARTY BDE U/I		501502N 0284015E	UR	S079425
KYIEV HEAT + THERMAL POWER PLANT TETS 2		503515N 0303033E	UR	S079513
MIROPOL ARMY BARRACKS AL1		500610N 0274140E	UR	S080800
MIROPOL ARMY BARRACKS AL1		500610N 0274140E	UR	S081309
YEMILCHINO ARMY BARRACKS AL1 HEAVY ARTY BRGD		505210N 0274832E	UR	S080309
KHMELNITSKIY ARMY TRAINING AREA NORTH 2		492700N 0270100E	UR	S078598

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ROVNO ARMY BARRACKS CENTRAL AL2		503710N 0261440E	UR	S078075
CHERKASSY TV RELAY + FM BROADCASTING STATION		492740N 0320210E	UR	S080768
KOLOMYYA ARMY BARRACKS NNW AL4		483220N 0250200E	UR	S078147
ZHITOMIR MILITARY DEPOT DUBOVETS DX1		501958N 0282441E	UR	S079425
CHERKASSY CHEMICAL COMBINE		492221N 0320418E	UR	S081616
KAMENETS PODOLSKIY ARMY BKS AL5 VEHS/EQUIP		484100N 0263630E	UR	S079426
STARO KONSTANTINOV ARMY BARRACKS AL4		494528N 0271100E	UR	S079173
PERVOMAYSK/NIKOLAYEV RADIO RELAY LINE		480410N 0305135E	UR	S078122
STARO KONSTANTINOV MILITARY TRAINING AREA		494500N 0270930E	UR	S079173
KAMENETS PODOLSKIY MILITARY TRNG AREA EQUIP		483925N 0263730E	UR	S079426
KIYEV CEMENT GRINDING/REINFORCED CONCRETE PLT		502330N 0303440E	UR	S079513
KIYEV REINFORCED CONCRETE PRODUCTS PLANT 3		502737N 0303500E	UR	
KIYEV GRAIN ELEVATOR + WAREHOUSES PORT		502815N 0303125E	UR	
SMELA ARMY BARRACKS AL1		491336N 0315301E	UR	S079167
SHEPETOVKA SAM SUPPORT FACILITY		500957N 0270542E	UR	S079176
SHEPETOVKA SAM SUPPORT FACILITY		500957N 0270542E	UR	S081672
SLAVUTA ARMY BARRACKS AL1		501815N 0265130E	UR	S078098
KIROVOGRAD/KANATOVO AAM SUPPORT FACILITY		483357N 0322343E	UR	S079208
KAMENETS PODOLSKIY MILITARY MAINT DEPOT D03		484120N 0263415E	UR	S079426
CHERNOBYL NUCLEAR POWER PLANT CONST ACTIVITY		512320N 0300420E	UR	S078047
ZHITOMIR ARMY BARRACKS AL5		501830N 0283610E	UR	S079425
KANEV RADIO RELAY STATION		494427N 0312639E	UR	S080768
KODYMA ARMY BARRACKS AL1		480540N 0290800E	UR	S080791

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KODYMA ORDNANCE/GENERAL STORAGE DEPOT D01	480600N	0290830E	UR	
KODYMA ARMY BKS AL1 SIGNALS REGT KGB POSS	480550N	0290755E	UR	
KHMELNITSKIY MILITARY VEHICLE OPEN STGE DPO 1	492709N	0270032E	UR	S078598
ZHITOMIR ORDNANCE DEPOT D02	501620N	0284030E	UR	S079425
BELAYA TSERKOV AIRFIELD RAIL CARS	494749N	0300135E	UR	S080165
BELAYA TSERKOV AIRFIELD RAIL CARS	494749N	0300135E	UR	
BELAYA TSERKOV AIRFIELD BEAR TU-95	494749N	0300135E	UR	S081896
KIYEV/BORISPOL AIRFIELD AAM STORAGE POTENTIAL	502043N	0305344E	UR	S078963
KIYEV/BORISPOL AIRFIELD AIR SURVEILLANCE RDR	502043N	0305344E	UR	S079838
KIROVOGRAD/KANATOVO AIRFIELD	483334N	0322322E	UR	S079208
KIROVOGRAD/KANATOVO AIRFIELD AAM STGE PTNTL	483334N	0322322E	UR	S079103
MOZYR AIRFIELD SS-X-20 RELATED ACTIVITY SRCH	515855N	0291000E	UR	S081354
MOZYR AIRFIELD SS-X-20 RELATED ACTIVITY SRCH	515855N	0291000E	UR	
NEZHIN AIRFIELD BADGER G AS-5/AS-6 ARMED	510519N	0315207E	UR	S079977
NEZHIN AIRFIELD BADGER G AS-5/AS-6 ARMED	510519N	0315207E	UR	
NEZHIN AIRFIELD BACKFIRE CANVAS-COVERED SRCH	510519N	0315207E	UR	S079857
NEZHIN AIRFIELD BACKFIRE SEARCH	510519N	0315207E	UR	S081454
STARO KONSTANTINOV AIRFIELD AAM STORAGE PTNTL	494453N	0271619E	UR	S078955
UZIN/CHEPELEVKA AIRFIELD BEAR TU-95	494724N	0302626E	UR	S081896
ZHITOMIR AIRFIELD POL STORAGE CAPACITY	501635N	0284344E	UR	S079882
ZHITOMIR/SKOMOROKHI AIRFIELD AAM STGE PTNTL	500933N	0284419E	UR	S078978
BORODYANKA AIRFIELD POL STORAGE CAPACITY	504010N	0295508E	UR	S080014
PALMIRA AIRFIELD POL STORAGE CAPACITY	494600N	0320708E	UR	S079850
ALEKSANDRIYA AIRFIELD EAST	484057N	0331114E	UR	S079452

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHERVONAYA KAMENKA AIRFIELD POL STGE CAPACITY		483704N 0332333E	UR	S079447
PODGAYTSY AIRFIELD POL STORAGE CAPACITY SRCH		491900N 0251300E	UR	S079883
SHOSTKA AIRFIELD		514950N 0332713E	UR	S079457
PERVOMAYSK SSM COMPLEX SS-11/SS-19 ACTIVITY		481224N 0305416E	UR	S078576
PERVOMAYSK SSM COMPLEX PROPELLANT HANDLING		481224N 0305416E	UR	S079223
PERVOMAYSK SSM COMPLEX ANTENNAS HARDENED		481224N 0305416E	UR	S079664
PERVOMAYSK SSM COMPLEX ANTENNA MAST		481224N 0305416E	UR	S079556
PERVOMAYSK SSM COMPLEX SS-11/SS-19 ACTIVITY		481224N 0305416E	UR	S080277
PERVOMAYSK SSM COMPLEX SS-19 REENTRY VEH CAN		481224N 0305416E	UR	S081409
DERAZHNYA SSM COMPLEX SS-11/SS-19 ACTIVITY		491254N 0270818E	UR	S078576
DERAZHNYA SSM COMPLEX PROPELLANT HANDLING		491254N 0270818E	UR	S079223
DERAZHNYA SSM COMPLEX ANTENNAS HARDENED		491254N 0270818E	UR	S079664
DERAZHNYA SSM COMPLEX ANTENNA MAST		491254N 0270818E	UR	S079556
DERAZHNYA SSM COMPLEX SS-11/SS-19 ACTIVITY		491254N 0270818E	UR	S080277
ZHITOMIR SSM COMPLEX		500318N 0281449E	UR	S079425
VINNITSA SRF ARMY COMMAND CONTROL COMMO FACS		4914 N 02828 E	UR	S080479
CHERNUKHINO RADIO RELAY + TV STATION		481850N 0383130E	UR	S079632
CHERNUKHINO RADIO RELAY + TV STATION		481850N 0383130E	UR	
LISICHANSK RADIO RELAY STATION		485520N 0382430E	UR	
NIKITOVKA TV BROADCASTING STATION PROB		482010N 0380200E	UR	
VORONEZH RADIO COMMO R+D TEST STA HARD IDENT		513659N 0390023E	UR	S078212
VORONEZH RADIO COMMO R+D TEST STATION HARD		513659N 0390023E	UR	S081085
POLTAVA AIRFIELD GCA SITE		493737N 0342926E	UR	S081142

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VORONEZH AW RADAR FACILITY WEST RADAR O/B		513925N 0390320E	UR	S080318
LEBEDIN EW RADAR SITE		503300N 0343100E	UR	S078925
LEBEDIN AIRFIELD GCA SITE		503314N 0343158E	UR	
VORONEZH AIRFIELD SW GCA SITE RADAR O/B		513711N 0390826E	UR	S080318
VORONEZH AIRFIELD SW AW RADAR FACILITY		513616N 0390630E	UR	S079956
VORONEZH AIRFIELD SW AW RADAR FACILITY O/B		513616N 0390630E	UR	S079904
VORONEZH AIRFIELD SW AW RADAR FACILITY O/B		513616N 0390630E	UR	S080318
DNEPROPETROVSK MISSILE DPC RKT ENG TEST FACIL		482601N 0345828E	UR	S078636
DNEPROPETROVSK MISSILE DPC RKT ENG TEST FACIL		482601N 0345828E	UR	S078610
DNEPROPETROVSK MISSILE DPC CANISTERS PROB		482601N 0345828E	UR	S079611
DNEPROPETROVSK MISSILE DEVELOPMENT + PROD CTR		482601N 0345828E	UR	S079734
DNEPROPETROVSK MISSILE DEVELOPMENT + PROD CTR		482601N 0345828E	UR	S080816
DNEPROPETROVSK MISSILE DPC RKT ENG TEST STAND		482601N 0345828E	UR	S081194
VORONEZH AIRFRAME PLANT 64		513819N 0391517E	UR	S079297
GORLOVKA EXPLOSIVES PLANT 64		481806N 0380756E	UR	S079467
PAVLOGRAD SOLID PROPELLANT + AMMO LDG PLT 55		483346N 0354947E	UR	S078065
PAVLOGRAD SOLID PROPELLANT + AMMO LDG PLT 55		483346N 0354947E	UR	
PAVLOGRAD SOLID PROPELLANT + AMMO LDG PLT 55		483346N 0354947E	UR	S078569
PAVLOGRAD SOLID PROPELLANT + AMMO LDG PLT 55		483346N 0354947E	UR	
PAVLOGRAD SOLID PROPELLANT + AMMO LDG PLT 55		483346N 0354947E	UR	S080806
PAVLOGRAD SOLID PROPELLANT + AMMO LDG PLT 55		483346N 0354947E	UR	
KRAMATORSK HEAVY MACHINE PLANT ACTIVITY REV		484333N 0373259E	UR	S079772
KHARKOV AVIATION INSTITUTE ICBM SILO POSS U/C		500251N 0361652E	UR	S078365
KHARKOV AVIATION INSTITUTE ICBM SILO POSS U/C		500251N 0361652E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KRAMATORSK HEAT + THERMAL POWER PLANT EXPSN		484449N 0373430E	UR	S081205
RUBEZHNOYE CHEMICAL PLANT 20		485930N 0382510E	UR	S079464
DONETSK AGRICULTURAL MACHINE BLDG PLT ACT REV		480305N 0374620E	UR	S079772
LISICHANSK HEAT + THERMAL POWER PLANT 1 EXPSN		485620N 0382730E	UR	S081205
VOROSHILOVGRAD RADIO RELAY/TV/FM BDCST CENTER		483400N 0391812E	UR	S079632
VOROSHILOVGRAD RADIO RELAY/TV/FM BDCST CENTER		483400N 0391812E	UR	
VORONEZH SYNTHETIC RUBBER PLANT CIV DEF BKRS		513743N 0391439E	UR	S079782
VORONEZH SYNTHETIC RUBBER PLANT CIV DEF BKRS		513743N 0391439E	UR	
KRAMATORSK MACHINE BLDG PLANT SS-16/20 ASSOC		484503N 0373416E	UR	S081498
KRAMATORSK MACHINE BUILDING PLANT		484503N 0373416E	UR	S081868
KRAMATORSK MACHINE BLDG PLANT SS-16/20 ASSOC		484503N 0373416E	UR	S081498
KRAMATORSK MACHINE BLDG PLANT SS-16/20 ASSOC		484503N 0373416E	UR	
KHARKOV TANK + LOCO PLT ENGINEERING AREA ACT		495802N 0361706E	UR	S079010
KHARKOV TANK + LOCO PLT ENGINEERING AREA ACT		495802N 0361706E	UR	
KHARKOV TANK + LOCOMOTIVE PLANT MALYSHEV 75		495802N 0361706E	UR	S080821
KHARKOV TANK + LOCOMOTIVE PLANT MALYSHEV 75		495802N 0361706E	UR	
KHARKOV AIRFRAME PLANT 135		500129N 0361542E	UR	S079300
GORLOVKA CHEMICAL COMBINE SOUTH ORDZHONIKIDZE		481804N 0380629E	UR	S080472
DNEPRODZERZHINSK CHEMICAL COMBINE		482915N 0344030E	UR	S081612
URYUPINSK ARMY BARRACKS AL1		504740N 0415955E	UR	S080949
URYUPINSK ARMY BARRACKS AL2		504720N 0415955E	UR	
LISICHANSK HEAT + THERMAL POWER PLANT 2		485619N 0382712E	UR	S081205
KAMENSK SHAKHTINSKIY SOLID MTR PROD PLT CONST		481750N 0401049E	UR	S079974

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
URYUPINSK ARMY BARRACKS AL3		5047 N 04159 E	UR	S080949
POLTAVA ASM SUPPORT FACILITY		493723N 0343053E	UR	S081142
KHARKOV ENGINEER DEPOT DE1 CIV STGE FAC PROB		495810N 0361614E	UR	S081128
KHARKOV ENGINEER DEPOT DE1 CIV STGE FAC PROB		495810N 0361614E	UR	
KHARKOV MILITARY DEPOT WEST DX1 EW STORAGE		495837N 0360758E	UR	S079369
MEREFA ARMY BARRACKS AL1		494720N 0355910E	UR	S080836
URYUPINSK MILITARY TRAINING AREA SOUTH		504700N 0420100E	UR	S080949
URYUPINSK MILITARY TRAINING AREA SSW 2		504500N 0415600E	UR	
KHARKOV INDUSTRY 3 U/I MILITARY EQUIP PROD		495717N 0361722E	UR	S081546
KHARKOV INDUSTRY 3 U/I MILITARY EQUIP PROD		495717N 0361722E	UR	

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PAVLOGRAD SOLID MOTOR PRODUCTION PLANT		483401N 0354912E	UR	S078065
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT		483401N 0354912E	UR	S078569
PAVLOGRAD SOLID MOTOR PROD PLANT CONTAINERS		483401N 0354912E	UR	S079334
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT		483401N 0354912E	UR	S080806
PAVLOGRAD ORDNANCE R+D FACILITY		483030N 0355702E	UR	S078065
PAVLOGRAD ORDNANCE R+D FACILITY		483030N 0355702E	UR	S078569
PAVLOGRAD ORDNANCE R+D FACILITY		483030N 0355702E	UR	S080806
KHARKOV ARMY BKS SSE AL8 CW DEF UNIT/SCHOOL		495600N 0361610E	UR	S082042
KHARKOV ARMY BKS SSE AL8 CW DEF UNIT/SCHOOL		495600N 0361610E	UR	
PAVLOGRAD SOLID MOTOR TEST FACILITY		482605N 0355817E	UR	S078065
PAVLOGRAD SOLID MOTOR TEST FACILITY		482605N 0355817E	UR	S078569
PAVLOGRAD SOLID MOTOR TEST FACILITY		482605N 0355817E	UR	S080806

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SUBJECT	IDHS. CODE	COORD	COUN	ACCN NO.
PAVLOGRAD SOLID MOTOR TEST FACILITY TEST PREP		482605N 0355817E	UR	S080249
PAVLOGRAD SOLID MOTOR TEST FAC STATIC TESTING		482605N 0355817E	UR	S080884
VOROSHILOVGRAD ARMY BARRACKS AL6		483430N 0392140E	UR	S080818
LUKASHEVKA NUCLEAR POWER PLANT KURSK		513950N 0353550E	UR	S078047
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC		482658N 0355723E	UR	S078065
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC		482658N 0355723E	UR	S078569
PAVLOGRAD SOLID MOTOR ASBLY/TEST SUPT FAC CAN		482658N 0355723E	UR	S079611
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC		482658N 0355723E	UR	S080806
DNEPROPETROVSK ENGINEER DPO NZHM-56 BRG UNIT		481430N 0344545E	UR	S081116
DNEPROPETROVSK/VOLOSHKOYE AFLD AAM STGE PTNTL		482127N 0350544E	UR	S079104
DNEPROPETROVSK/VOLOSHKOYE AFLD FOXBAT A IDENT		482127N 0350544E	UR	S080921
KHARKOV/ROGAN AIRFIELD		495542N 0362610E	UR	S079585
KRAMATORSK AIRFIELD AAM STORAGE POTENTIAL		484228N 0373739E	UR	S079084
LEBEDIN AIRFIELD		503312N 0343159E	UR	S078925
POLTAVA AIRFIELD BEAR B/C AS-3 ARMED IDENT		493740N 0342923E	UR	S079952
POLTAVA AIRFIELD BEAR B/C AS-3 ARMED IDENT		493740N 0342923E	UR	
POLTAVA AIRFIELD		493740N 0342923E	UR	S081142
VORONEZH/CHERTOVITSKOYE AIRFIELD POL CAPACITY		514850N 0391330E	UR	S079965
GREMYACHYE AIRFIELD		512812N 0385812E	UR	S079586
TALOVAYA AIRFIELD		510334N 0405029E	UR	S079581
PAVLOGRAD MISSILE DEVELOPMENT + PROD COMPLEX		483247N 0355120E	UR	S080806
VOLGOGRAD MILITARY TEST FACILITY 3		490006N 0443435E	UR	S079188

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VOLGOGRAD MILITARY TEST FACILITY 3 ACT REVIEW		490006N 0443435E	UR	S079772
VOLGOGRAD MILITARY TEST FACILITY 3		490006N 0443435E	UR	S080331
VOLGOGRAD MILITARY TEST FACILITY 3		490006N 0443435E	UR	S081868
VOLGOGRAD MILITARY TEST FACILITY 1		485510N 0443119E	UR	S079188
VOLGOGRAD MILITARY TEST FACILITY 1 ACT REVIEW		485510N 0443119E	UR	S079772
VOLGOGRAD MILITARY TEST FACILITY 1		485510N 0443119E	UR	S080331
VOLGOGRAD MILITARY TEST FACILITY 1		485510N 0443119E	UR	S081868
VOLGOGRAD MILITARY TEST FACILITY 2 ARMD VEHS		485255N 0443533E	UR	S079168
TEREKTY ASM IMPACT AREA RADAR AREA A CRATERS		481515N 0483140E	UR	S078627
TEREKTY ASM IMPACT AREA CRATERS		481515N 0483140E	UR	S078611
TEREKTY ASM IMPACT AREA RADARS/CRATERS		481515N 0483140E	UR	S081542
AKHTUBINSK/VLADIMIROVKA AIRFIELD BACKFIRE B		481851N 0461630E	UR	S080468
AKHTUBINSK/VLADIMIROVKA AIRFIELD FENCER MODIF		481851N 0461630E	UR	S080442
VOLGOGRAD CHEMICAL COMBINE KRASNOARMEYSK		482830N 0443830E	UR	S078225
KAPUSTIN YAR MTC ELECTRONICS TEST FAC RADOME		484130N 0454330E	UR	S080775
KAPUSTIN YAR MTC ELECTRONICS RLTD FACIL RDRS		485008N 0453911E	UR	S078077
KAPUSTIN YAR MTC ELCT RELATED FACIL PAD A1/2		485008N 0453911E	UR	S079683
KAPUSTIN YAR MTC ELCT RLTD FAC PAD A2 R+D RDR		485008N 0453911E	UR	S079673
KAPUSTIN YAR MTC ELCT RLTD FAC PAD A2 R+D RDR		485008N 0453911E	UR	
KAPUSTIN YAR MTC ELCT FAC PAD A1/2 R+D RADAR		485008N 0453911E	UR	S079666
KAPUSTIN YAR MTC ELCT FAC PAD A1/2 R+D RADAR		485008N 0453911E	UR	
KAPUSTIN YAR MTC ELCT RLTD FAC PAD A1 R+D RDR		485008N 0453911E	UR	S080001
KAPUSTIN YAR MTC ELECTRONICS RLTD FAC PAD A1		485008N 0453911E	UR	S080357

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KAPUSTIN YAR MTC RANGEHEAD TRKG FAC BOW/ARROW		483858N 0454538E	UR	S081413
AKHTUBINSK ORDNANCE TEST AREA 4		4826 N 04623 E	UR	S081074
AKHTUBINSK ORDNANCE TEST AREA 4		4826 N 04623 E	UR	S081075
KAPUSTIN YAR MTC ORDNANCE TEST REAR L		4830 N 04615 E	UR	S081074
KAPUSTIN YAR MTC ORDNANCE TEST REAR L		4830 N 04615 E	UR	
KAPUSTIN YAR MTC ORDNANCE TEST REAR L		4830 N 04615 E	UR	S081075
KAPUSTIN YAR MTC ORDNANCE TEST REAR L		4830 N 04615 E	UR	
SARATOV AIRFRAME PLANT 292		512948N 0455703E	UR	S079304
SARATOV AIRFRAME PLT 292 SA-2/SS-N-3/12 CANS		512948N 0455703E	UR	S080625
SARATOV AIRFRAME PLT 292 SA-2/SS-N-3/12 CANS		512948N 0455703E	UR	
SARATOV AIRFRAME PLT 292 SA-2/SS-N-3/12 CANS		512948N 0455703E	UR	
SARATOV AIRFRAME PLANT 292 CONICAL OBJECT		512948N 0455703E	UR	S081407
SARATOV PORT COMPLEX		513050N 0455810E	UR	S081483
KAMYSHIN PORT FACILITIES VOLGA RIVER		500550N 0452335E	UR	S078346
SARATOV ARMY BARRACKS NORTH AL3		513420N 0460056E	UR	S078676
KAPUSTIN YAR MTC COMPLEX D CRUISE TEST SITES		482813N 0461904E	UR	S080356
VOLGOGRAD/ELISTA RADIO RELAY LINE		484425N 0443150E	UR	S078120
KAPUSTIN YAR MTC SAM FIRING RANGE SH-7 EQUIP		484828N 0454343E	UR	S078206
KAPUSTIN YAR MTC SAM FIRING RANGE SH-7 EQUIP		484828N 0454343E	UR	S079240
KAPUSTIN YAR MTC SAM FIRING RANGE SA-X-10 NEW		484828N 0454343E	UR	S079645
KAPUSTIN YAR MTC SAM FIRING RANGE		484828N 0454343E	UR	S079775
KAPUSTIN YAR MTC SAM FIRING RANGE SAM SYS NEW		484828N 0454343E	UR	S079773
KAPUSTIN YAR MTC SAM FIRING RANGE SA-X-10 TRNG		484828N 0454343E	UR	S079831
KAPUSTIN YAR MTC SAM FIRING RANGE TOWER/RDRS		484828N 0454343E	UR	S080651

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KAPUSTIN YAR MTC MRBM SITE C1 SS-X-20 LAUNCH		484637N 0454350E	UR	S079217
AKHTUBINSK FLIGHT TEST CENTER RAM J IDENT		481735N 0461216E	UR	S078137
AKHTUBINSK FLIGHT TEST CENTER AAM STGE PTNTL		481735N 0461216E	UR	S079162
AKHTUBINSK FLIGHT TEST CENTER AAM STGE PTNTL		481735N 0461216E	UR	
AKHTUBINSK FLIGHT TEST CTR SPACE VEHICLE SRCH		481735N 0461216E	UR	S079968
AKHTUBINSK FLIGHT TEST CTR SPACE VEHICLE SRCH		481735N 0461216E	UR	
AKHTUBINSK FLIGHT TEST CTR FOXBAT MODIF IDENT		481735N 0461216E	UR	S080023
AKHTUBINSK FLIGHT TEST CTR TU-22 DEBRIS POSS		481735N 0461216E	UR	S080339
AKHTUBINSK FLIGHT TEST CTR FOXBAT MODIF DMNS		481735N 0461216E	UR	S080709
VOLGOGRAD SYNTHETIC RUBBER PLANT CIV DEF BKRS		484854N 0445038E	UR	S079782
VOLGOGRAD SYNTHETIC RUBBER PLANT CIV DEF BKRS		484854N 0445038E	UR	
KAPUSTIN YAR MTC CPLX C SITE 2 SS-X-20 EXER		483555N 0461752E	UR	S078133
KAPUSTIN YAR MTC CPLX C SITE 2 SS-16/20 EXER		483555N 0461752E	UR	S080938
KAPUSTIN YAR MTC CPLX C SITE 2 SS-16/20 EXER		483555N 0461752E	UR	
KAPUSTIN YAR MTC COMPLEX C MRBM SITE 2		483555N 0461752E	UR	S081868
KAPUSTIN YAR MTC CPLX C SITE 1 SS-16/20 EXER		483658N 0461800E	UR	S080939
KAPUSTIN YAR MTC CPLX C SITE 1 SS-X-20 MARKER		483658N 0461800E	UR	S081262
KAPUSTIN YAR MTC CPLX C SITE 1 SS-16/20 EXER		483658N 0461800E	UR	S080939
KAPUSTIN YAR MTC COMPLEX C MRBM SITE 1		483658N 0461800E	UR	S081868
AKHTUBINSK/VLADIMIROVKA ASM/AAM SUPPORT CPLX		481853N 0461035E	UR	S081992
KAPUSTIN YAR MTC NAV TEST CPLX B SS-21 EQUIP		484012N 0461615E	UR	S081451
KAPUSTIN YAR MTC NAV TEST CPLX B SS-21 EQUIP		484012N 0461615E	UR	
KAPUSTIN YAR MTC SRBM SUPT FACIL EXER U/I CF		484302N 0461523E	UR	
KAPUSTIN YAR MTC SRBM SUPT FAC SS-12 LNCH RVT		484302N 0461523E	UR	S081581
VOLGOGRAD STEEL + MACHINE PLT SS-16/SS-X-20		484632N 0443449E	UR	S079505

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VOLGOGRAD STEEL + MACH PLT KRASNYY BARRIKADA		484632N 0443449E	UR	S079188
VOLGOGRAD STEEL + MACH PLT SS-16/20/21 GSE		484632N 0443449E	UR	S079610
VOLGOGRAD STEEL + MACH PLT SS-16/20/21 GSE		484632N 0443449E	UR	
VOLGOGRAD STEEL + MACHINE PLT SS-16/SS-X-20		484632N 0443449E	UR	S079505
VOLGOGRAD STEEL + MACHINE PLANT 221 ACT REV		484632N 0443449E	UR	S079772
VOLGOGRAD STEEL + MACH PLT KRASNYY BARRIKADA		484632N 0443449E	UR	S080331
VOLGOGRAD STEEL + MACH PLT KRASNYY BARRIKADA		484632N 0443449E	UR	S081868

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VOLGOGRAD MILITARY BARRACKS ZELENYY AL12		484735N 0444123E	UR	S081662
VOLGOGRAD SA-5 COMPLEX C21 SA-5 NOSE CONES		482114N 0441736E	UR	S081465
KAPUSTIN YAR MTC MRBM/IRBM TRNG AREA SILO NEW		483647N 0460935E	UR	S078134
KAPUSTIN YAR MTC MRBM/IRBM TRNG SS-16/20 GSE		483647N 0460935E	UR	S080907
KAPUSTIN YAR MTC COMD CNTRL SILO SS-X-20 POSS		483647N 0460935E	UR	S081137
KAPUSTIN YAR MTC MRBM/IRBM TRNG SS-16/20 GSE		483647N 0460935E	UR	S080907
KAPUSTIN YAR MTC MRBM/IRBM BIVOUAC/TRNG AREA		483647N 0460935E	UR	S081868
AKHTUBINSK ORDNANCE TEST AREA 2 CRATERS		482220N 0465830E	UR	S078611
AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY		482220N 0465830E	UR	S081067
AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY		482220N 0465830E	UR	S081075
AKHTUBINSK ORDNANCE TEST AREA 1 WPNS TEST U/I		482039N 0462000E	UR	S080692
AKHTUBINSK ORDNANCE TEST AREA 1		482039N 0462000E	UR	S081074
AKHTUBINSK ORDNANCE TEST AREA 1		482039N 0462000E	UR	S081075
TATISHCHEVO SSM COMPLEX CNTRL FAC DD LCC LDG		514247N 0451346E	UR	S080445

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
URALSK ARMY BARRACKS COMMUNICATIONS TRNG FACS		511320N 0512149E	UR	S081139
URALSK ARMY BARRACKS TA-EL-1 ANTENNA TRK MTD		511320N 0512149E	UR	S081134
URALSK ARMY BARRACKS TA-EL-1 ANTENNA TRK MTD		511320N 0512149E	UR	
IVANOVSKIY ARMY BARRACKS AL1		512155N 0453730E	UR	S078443
ENGELS AIRFIELD BISON M-4 COUNT		512845N 0461250E	UR	S081697
SARATOV AIRFIELD SOUTH V/STOL AREA PROB		512838N 0455634E	UR	S079419
SARATOV AIRFIELD SOUTH		512838N 0455634E	UR	S079580
SARATOV AIRFIELD WEST		513222N 0455048E	UR	S079541
VOLGOGRAD/GUMRAK AIRFIELD POL STORAGE CPCTY		484700N 0442038E	UR	S079869
AKHTUBINSK/VLADIMIROVKA AIRFIELD FOXBAT MODIF		481838N 0461424E	UR	S079481
AKHTUBINSK/VLADIMIROVKA AIRFIELD F-5E IDENT		481838N 0461424E	UR	S080043
AKHTUBINSK/VLADIMIROVKA AIRFIELD FOXBAT MODIF		481838N 0461424E	UR	S081048
AKHTUBINSK/VLADIMIROVKA AIRFIELD FOXBAT MODIF		481838N 0461424E	UR	S081090
MARINOVKA AIRFIELD AAM STORAGE PTNTL SEARCH		483810N 0434730E	UR	S079102
KAMYSHIN AIRFIELD NW		501218N 0451218E	UR	S081422
SARATOV/SHARAPOVKA AIRFIELD		513838N 0460355E	UR	S079539
KAMYSHIN AIRFIELD		500330N 0452220E	UR	S079460
TATISHCHEVO SSM COMPLEX SS-11/SS-19 ACTIVITY		515042N 0454042E	UR	S078576
TATISHCHEVO SSM COMPLEX PROPELLANT HANDLING		515042N 0454042E	UR	S079223
TATISHCHEVO SSM COMPLEX SS-11/SS-19 ACTIVITY		515042N 0454042E	UR	S080277
KAPUSTIN YAR MTC		484107N 0455853E	UR	S078341
KAPUSTIN YAR MTC SS-16/SS-X-20 ACTIVITY		484107N 0455853E	UR	S079505

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KAPUSTIN YAR MTC		484107N 0455853E	UR	S079195
KAPUSTIN YAR MTC SRBM RELATED ACTIVITY		484107N 0455853E	UR	S079506
KAPUSTIN YAR MTC SS-16/20 RELATED ACTIVITY		484107N 0455853E	UR	S079637
KAPUSTIN YAR MTC		484107N 0455853E	UR	S079861
KAPUSTIN YAR MTC SS-X-20 CANISTERS/GSE		484107N 0455853E	UR	S080353
KAPUSTIN YAR MTC		484107N 0455853E	UR	S080307
KAPUSTIN YAR MTC		484107N 0455853E	UR	S081178
KAPUSTIN YAR MTC		484107N 0455853E	UR	S081343
KAPUSTIN YAR MTC SS-X-20 TRAINING FIELD-DPL		484107N 0455853E	UR	S082055
MAKAT ASM IMPACT AREA CRATERS		480600N 0534400E	UR	S078624
MAKAT ASM IMPACT AREA CRATERS/INSTR TOWERS		480600N 0534400E	UR	S078611
MAKAT ASM IMPACT AREA		480600N 0534400E	UR	S079578
KAPUSTIN YAR MTC INSTRUMENTATION SITE		481640N 0535320E	UR	
EMBA MTC ELECTRONICS FACILITY B RADAR VEH MTD		483300N 0580300E	UR	S078129
EMBA MTC ELECTRONICS FACILITY B EM-EL-3 RADAR		483300N 0580300E	UR	S081735
EMBA AIRFIELD GCA SITE		484409N 0580240E	UR	S078230
ORENBURG GUIDED MISSILE PLANT NVL CR MSL CRT		514816N 0550737E	UR	S078369
ORENBURG GUIDED MISSILE PLANT 47 CONST NEW		514816N 0550737E	UR	S079004
ORENBURG GUIDED MISSILE PLANT 47		514816N 0550737E	UR	S081201
ORENBURG MACHINE TOOL PLANT		514645N 0550333E	UR	S082174
EMBA MTC COMPLEX A TEL DEFENSIVE SYSTEM NEW		483103N 0580207E	UR	S078130
EMBA MTC COMPLEX C PAD 1 CAN TEL DEF SYS NEW		483103N 0580207E	UR	S078131

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
EMBA MTC CPLX C SAM SYSTEM CANISTER-LNCHD NEW		483103N 0580207E	UR	S079347
EMBA MTC COMPLEX A PAD 2 3-RAIL TEL/MISSILES		483103N 0580207E	UR	S079960
EMBA MTC TACTICAL SAMS NEW PROB		483103N 0580207E	UR	S079929
EMBA MTC COMPLEX C PAD 2 MISSILE WRECKAGE		483103N 0580207E	UR	S079737
EMBA MTC LAUNCH COMPLEX TAC SAM TEL MODIFIED		483103N 0580207E	UR	S080740
EMBA MTC COMPLEX C RADARS TEL/TRAILER MOUNTED		483103N 0580207E	UR	S080300
EMBA MTC COMPLEX C PAD 1 CANISTER/MISSILE TEL		483103N 0580207E	UR	S081193
EMBA MTC COMPLEX A TEL TRACKED-CHASSIS		483103N 0580207E	UR	S081734
EMBA MTC RADARS U/I NEW		483800N 0580300E	UR	S078565
EMBA MTC DOWNRANGE LAUNCH AREA NEW SEARCH		483800N 0580300E	UR	S079335
EMBA MTC		483800N 0580300E	UR	S079775
EMBA MTC		483800N 0580300E	UR	S080517
EMBA MTC ELECTRONICS R+D FACIL ELCT EQUIP NEW		484008N 0575721E	UR	S081712
EMBA MTC ELECTRONICS R+D FACIL ELCT EQUIP NEW		484008N 0575721E	UR	
AKTYUBINSK ARMY BARRACKS AL2/HQ ARTILLERY DIV		500051N 0565740E	UR	S078910
DONGUZ ARTILLERY TEST AREA SAM TEL/SP ARTY		513203N 0545729E	UR	S080699
DONGUZ ARTILLERY TEST AREA SAM TEL/SP ARTY		513203N 0545729E	UR	
AKTYUBINSK AIRFIELD POL STORAGE CAPACITY		501448N 0571223E	UR	S081236
ORENBURG/KARGALA AIRFIELD		515300N 0551010E	UR	S079450
DOMBAROVSKIY AIRFIELD AAM STORAGE POTENTIAL		504820N 0593102E	UR	S079101
EMBA AIRFIELD		484409N 0580240E	UR	S078230
DOMBAROVSKIY SSM COMPLEX SS-9/SS-18 ACTIVITY		510746N 0600957E	UR	S078467
DOMBAROVSKIY SSM COMPLEX PROPELLANT HANDLING		510746N 0600957E	UR	S079223

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
DOMBAROVSKIY SSM COMPLEX ANTENNAS HARDENED		510746N 0600957E	UR	S079664
DOMBAROVSKIY SSM COMPLEX SS-9/SS-18 ACTIVITY		510746N 0600957E	UR	S081526
TYURATAM MTC TRACKING FACILITY 5 BOW + ARROW		515333N 0672113E	UR	S080185
TYURATAM MTC TRACKING FACILITY 5 BOW + ARROW		515333N 0672113E	UR	S081413
IMENI GASTELLO SSM CPLX LCF DD TYPE 3X MODIF		512615N 0660800E	UR	S081165
ARKALYK AIRFIELD NORTH POL STORAGE CAPACITY		501857N 0665734E	UR	S079847
IMENI GASTELLO SSM COMPLEX SS-9/SS-18 ACT		511641N 0655550E	UR	S078467
IMENI GASTELLO SSM COMPLEX PROPELLANT HDLG		511641N 0655550E	UR	S079223
IMENI GASTELLO SSM COMPLEX SS-9/SS-18 ACT		511641N 0655550E	UR	S081526

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
[Redacted]					
[Redacted]	TEMIR TAU ARMY BARRACKS WEST AL2	[Redacted]	500305N 0725445E	UR	S078685
[Redacted]	VYACHESLAVKA ARMY BARRACKS AL1	[Redacted]	510018N 0720513E	UR	S078684
[Redacted]	TSELINOGRAD ARMY BKS AL1 TAC ROADWAY BRG NEW	[Redacted]	511052N 0712313E	UR	S078802
[Redacted]	TSELINOGRAD ARMY BKS AL1 TAC ROADWAY BRG NEW	[Redacted]	511052N 0712313E	UR	
[Redacted]					

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KARAGANDA AIRFIELD SE POL STORAGE CAPACITY		494755N 0730831E	UR	S079918
SEMIYARKA AIRFIELD		504410N 0783220E	UR	S081910
TSELINOGRAD AIRFIELD SOUTH		510110N 0712850E	UR	S080663
RUBTSOVSK TRACTOR PLANT ALTA 1		513222N 0811237E	UR	S079431
RUBTSOVSK AGRICULTURAL MACH PLT BMP APC PROD		512917N 0811147E	UR	S081325
RUBTSOVSK AGRICULTURAL MACH PLT BMP APC PROD		512917N 0811147E	UR	
ZHANGIZ TOBE ICBM SUPT SS-18 CMPNTS RCVG AREA		491215N 0810925E	UR	S079245
SEMIPALATINSK AIRFIELD AAM STORAGE POTENTIAL		502110N 0801357E	UR	S079088

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DOLON AIRFIELD BEAR TU-95		503214N 0791138E	UR	S081896
RUBTSOVSK AIRFIELD POL STORAGE CAPACITY		513505N 0811201E	UR	S081782
ZHANGIZ TOBE SSM COMPLEX SS-9/SS-18 ACTIVITY		491759N 0811944E	UR	S078467
ZHANGIZ TOBE SSM COMPLEX PROPELLANT HANDLING		491759N 0811944E	UR	S079223
ZHANGIZ TOBE SSM COMPLEX SS-9/SS-18 ACTIVITY		491759N 0811944E	UR	S081526
CHADAN ARMY BARRACKS AL1		511755N 0913540E	UR	S079220
KYREN RADIO RELAY STATION PROB		514500N 1020900E	UR	S078527
BULGAN ARMY BARRACKS AL1 SOVIET CF/CNCLMT ACT		483454N 1032803E	MG	S079008
BULGAN ARMY BARRACKS AL1 SOVIET CF/CNCLMT ACT		483454N 1032803E	MG	S079007
BULGAN ARMY BKS SOV TANK REGT/MTRZD RIFLE CO		483454N 1032803E	MG	S080184
BULGAN ARMY BARRACKS AL1		483454N 1032803E	MG	S081209
BULGAN ARMY BARRACKS AL1 M-1973 152MM SP GUN		483454N 1032803E	MG	S080762

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BULGAN ARMY BARRACKS AL1		483454N 1032803E	MG	S081537
KARABULAK/BUKHTARMINSKOYE AIRFIELD		473638N 0843441E	UR	S078937
SARY OZEK MOBILE SSM SUPT BASE SS-12 LNCH RVT		442829N 0775652E	UR	S081581
SARY OZEK MOBILE SSM SUPPORT BASE SS-12 EXER		442829N 0775652E	UR	S082051
SARY OZEK ARMY BKS AL1/HQ MRD SA-6/SA-8 UNIT		442232N 0775720E	UR	S081745
TALDY KURGAN ARMY BARRACKS AL2		450000N 0782030E	UR	S078829
TALDY KURGAN ARMY BARRACKS AL2		450000N 0782030E	UR	S081674
TALDY KURGAN ARMY BARRACKS AL3 EW REGIMENT		450048N 0782640E	UR	S079369
TALDY KURGAN ARMY BARRACKS AL3 EW EXERCISE		450048N 0782640E	UR	S079931
TALDY KURGAN ARMY BARRACKS AL3 EW EXERCISE		450048N 0782640E	UR	
TALDY KURGAN ARMY BARRACKS AL3 SIGNAL EXER CF		450048N 0782640E	UR	S081468
UCH ARAL ARMY BARRACKS AL3		461050N 0805640E	UR	S078907
MAKANCHI AIRFIELD		464830N 0820030E	UR	S078947
MAKANCHI AIRFIELD		464830N 0820030E	UR	S079526
YENBEKSHI AIRFIELD GSE INVENTORY		461115N 0804942E	UR	S078552
TALDY KURGAN AIRFIELD NE DRIVE-IN BLDGS 4-BAY		450710N 0782720E	UR	S079709
KYZYLAGASH AIRFIELD NW		452555N 0784125E	UR	S078332
SAYAK AIRFIELD SOUTH		465303N 0772322E	UR	S078818
SARY SHAGAN MTC R+D RADAR FACILITY PROB		455800N 0733810E	UR	S078030
SARY SHAGAN MTC R+D RADAR FAC 3 ABM RDR POSS		455800N 0733810E	UR	S078558

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SARY SHAGAN MTC R+D RADAR FAC 3 SQUARE PAIR		455800N 0733810E	UR	S079858
SARY SHAGAN MTC R+D RADAR FAC 3 SQUARE PAIR		455800N 0733810E	UR	
SARY SHAGAN MTC MISSILE RLTD FAC OPTICAL DOME		455200N 0733100E	UR	S079646
SARY SHAGAN MTC LINEAR TEST FACILITY SUSP U/C		455200N 0733100E	UR	S080234
SARY SHAGAN MTC LINEAR TEST FACIL CONST NEW		455220N 0733100E	UR	S080486
SARY SHAGAN MTC LINEAR TEST FACIL CONST NEW		455200N 0733100E	UR	S080462
SARY SHAGAN MTC ELCT TEST FAC COFFIN SHELTER		455100N 0733500E	UR	S081052
SARY SHAGAN MTC ELCT TEST FACIL COFFIN LASER		455100N 0733500E	UR	S081010
SARY SHAGAN MTC ELCT TEST FACIL BACK TO BACK		455100N 0733500E	UR	S081079
SARY SHAGAN MTC RADAR POSS U/C		463600N 0743000E	UR	S079835
SARY SHAGAN MTC PHASED-ARRAY RADAR PROB U/C		463600N 0743000E	UR	S081264
SARY SHAGAN MTC COMPLEX B ABM SILO SEGMENTS		460106N 0722804E	UR	S078808
SARY SHAGAN MTC COMPLEX B ABM RELATED CONST		460106N 0722804E	UR	S079634
SARY SHAGAN MTC COMPLEX B ABM SILO CONST		460106N 0722804E	UR	S080039
SARY SHAGAN MTC COMPLEX B ABM SILOS POSS U/C		460106N 0722804E	UR	S079776
SARY SHAGAN MTC CPLX B ABM SILO PREFAB SECTS		460106N 0722804E	UR	S080695
SARY SHAGAN MTC COMPLEX B ABM SILOS U/C		460106N 0722804E	UR	S080684
SARY SHAGAN MTC COMPLEX B ABM SILO CONST		460106N 0722804E	UR	S080235
SARY SHAGAN MTC COMPLEX B ABM-1 CAN ELEVATION		460106N 0722804E	UR	S081199
SARY SHAGAN MTC COMPLEX A FAN SONG RDR MODIF		462444N 0725056E	UR	S080478
SARY SHAGAN MTC ESV TRACKING/MOLNIYA FACILITY		455338N 0733727E	UR	S081863
SARY SHAGAN MTC ESV TRKG/MOLNIYA 4-DISH ANT		455338N 0733727E	UR	S081047

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SARY SHAGAN MTC R+D RADAR FACILITY 1		460010N 0733859E	UR	S078030
SARY SHAGAN MTC R+D RADAR FACILITY 1		460010N 0733859E	UR	S079196
SARY SHAGAN MTC R+D RADAR FACIL 1 BIG SCREEN		460010N 0733859E	UR	S079987
SARY SHAGAN MTC R+D RADAR FACIL 1 RDR NEW U/C		460010N 0733859E	UR	S079836
SARY SHAGAN MTC R+D RDR FAC PHASED-ARRAY RDR		460010N 0733859E	UR	S081263
SARY SHAGAN MTC CPLX D OPTICAL R+D TRKG FACIL		454840N 0733404E	UR	S079601
SARY SHAGAN MTC CPLX D OPTICAL R+D TRKG FACIL		454840N 0733404E	UR	
SARY SHAGAN MTC COMPLEX D POL TRANS PROB		454840N 0733404E	UR	S081774
SARY SHAGAN MTC COMPLEX F ABM-X-3/SH-4 EQUIP		462629N 0725108E	UR	S078158
SARY SHAGAN MTC CPLX F SITE 4 FLAT TWIN RADAR		462629N 0725108E	UR	S078537
SARY SHAGAN MTC COMPLEX F ABM LAUNCH PSTN U/C		462629N 0725108E	UR	S078117
SARY SHAGAN MTC COMPLEX F ABM SILO SEGMENTS		462629N 0725108E	UR	S078808
SARY SHAGAN MTC COMPLEX F ABM RELATED CONST		462629N 0725108E	UR	S079634
SARY SHAGAN MTC COMPLEX F ABM SILOS POSS U/C		462629N 0725108E	UR	S079776
SARY SHAGAN MTC CPLX F ABM SILO PREFAB SECTS		462629N 0725108E	UR	S080695
SARY SHAGAN MTC COMPLEX F ABM SILO CONST		462629N 0725108E	UR	S080235
SARY SHAGAN MTC COMPLEX F ABM SILOS U/C		462629N 0725108E	UR	S081155
SARY SHAGAN MTC CPLX F ABM PSTN 4E SILO CONST		462629N 0725108E	UR	S081502
SARY SHAGAN MTC COMPLEX F ABM-X-3 SITE		462629N 0725108E	UR	S081762
SARY SHAGAN MTC CPLX F SITE 3 LNCH TUBE/CAN		462629N 0725108E	UR	S081798
SARY SHAGAN MTC COMPLEX F DOWNRANGE DEBRIS		462629N 0725108E	UR	S082085
SARY SHAGAN MTC COMPLEX 6 FISHBED IN-FLIGHT		455149N 0732352E	UR	S075043
SARY SHAGAN MTC COMPLEX 6 FISHBED IN-FLIGHT		455149N 0732352E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SARY SHAGAN MTC COMPLEX G SAM SYSTEM NEW		455149N 0732352E	UR	S078355
SARY SHAGAN MTC CPLX G SAM SYS CAN-LNCHD NEW		455149N 0732352E	UR	S079347
SARY SHAGAN MTC COMPLEX G LAUNCHER U/I		455149N 0732352E	UR	S079996
SARY SHAGAN MTC COMPLEX G MISSILE SYSTEM NEW		455149N 0732352E	UR	S080382
SARY SHAGAN MTC COMPLEX G D-BAND ANTENNA SRCH		455149N 0732352E	UR	S082082
SARY SHAGAN AIRFIELD AAM STORAGE POTENTIAL		460130N 0732946E	UR	S079089
DZHAKPEK AIRFIELD		470903N 0691000E	UR	S080748
SARY SHAGAN MTC SH-6 ROCKET VEHICLE		460147N 0724009E	UR	S078359
SARY SHAGAN MTC		460147N 0724009E	UR	S079775
SARY SHAGAN MTC		460147N 0724009E	UR	S080635
SARY SHAGAN MTC		460147N 0724009E	UR	S081651
TYURATAM MTC SUPPORT FAC TYPE 3F/X SILO CMPNT		455315N 0632645E	UR	S080674
TYURATAM/TARTUGAY MTC RADAR TEST FACIL SUSP		442953N 0661406E	UR	S079956
TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW		454230N 0632020E	UR	S080045
TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW		454230N 0632020E	UR	S080185
TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW		454230N 0632020E	UR	S081413
TYURATAM MTC SPACE SITE A1 LAUNCH PREP		455516N 0632030E	UR	S075040
TYURATAM MTC ICBM SITE G5/6 CANISTER CHRONO		460512N 0625451E	UR	S079694
TYURATAM MTC ICBM SITE G5/6 CANISTER CHRONO		460512N 0625451E	UR	S079693
TYURATAM MTC ICBM SITE G5/6 SS-19 CAN CHRONO		460512N 0625451E	UR	S079653

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TYURATAM MTC ICBM SITE I1 SILO CONV CNCLMT

455600N 0632603E UR S079937

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TYURATAM MTC ICBM SITE I1 SILO CONV CNCLMT		455600N 0632603E	UR	S079863
TYURATAM MTC ICBM SITE I1 TYPE 3C SILO CONST		455600N 0632603E	UR	S080690
TYURATAM MTC ICBM SITE I1 SS-9 SILO CNCLMT		455600N 0632603E	UR	S080245
TYURATAM MTC ICBM SITE I1 CONCEALMENT ACT		455600N 0632603E	UR	S081158
TYURATAM MTC ICBM SITE I1 CONCEALMENT ACT		455600N 0632603E	UR	S081373
TYURATAM MTC ICBM SITE I1 3F SILO HEADWORKS		455600N 0632603E	UR	S081170
TYURATAM MTC ICBM SITE I1 SS-9 SILO CONV CF		455600N 0632603E	UR	S081347
TYURATAM MTC ICBM SITE I1 CONCEALMENT ACT		455600N 0632603E	UR	S081733
TYURATAM MTC SPACE SITE 61A/B SL-11 LAUNCH		460454N 0625555E	UR	S080673
TYURATAM MTC SPACE SITE 61 SL-11 LAUNCH PREP		460454N 0625555E	UR	S081426
TYURATAM MTC ICBM SUPPORT FACIL SIGNALS BKS		453808N 0631734E	UR	S078324
TYURATAM MTC ICBM SUPPORT FACIL 2 R-400 ANT		455946N 0633453E	UR	S081043
TYURATAM MTC ICBM SUPPORT FAC 7 CYL OBJ POSS		460324N 0625626E	UR	S079955
TYURATAM MTC ICBM SUPT RING FIXTURE RAIL MTD		460324N 0625626E	UR	S080999
TYURATAM MTC ICBM SUPPORT FACILITY 7 SL-12/13		460324N 0625626E	UR	S080914
TYURATAM MTC ICBM SUPPORT FACILITY 7 SL-12/13		460324N 0625626E	UR	
TYURATAM MTC ICBM SUPPORT FAC 7 SL-12/13 PREP		460324N 0625626E	UR	S081331
TYURATAM MTC ICBM SUPPORT FACIL 7 R-400 ANT		460324N 0625626E	UR	S081043
TYURATAM MTC SPACE SITE 63/4 SL-12/SL-13 A/F		460423N 0625849E	UR	S078531
TYURATAM MTC SPACE SITE 63/4 SL-12/13 LNCHR		460423N 0625849E	UR	S080600
TYURATAM MTC SPACE SITE 63/4 SL-12/13 LAUNCH		460423N 0625849E	UR	S080909
TYURATAM MTC SPACE SITE 63/4 SL-12/13 PREP		460423N 0625849E	UR	S081331

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TYURATAM MTC ICBM SITE N3 SILO MODIFICATION		460419N 0625722E	UR	S080904
TYURATAM MTC ICBM SITE N3 SILO CONVERSION		460419N 0625722E	UR	S081466
TYURATAM MTC SRF COMMAND POST BKR R-400 ANT		453705N 0631912E	UR	S081043
TYURATAM MTC ICBM SITE L3 SILO CONVERSION		460425N 0630503E	UR	S081164
TYURATAM MTC ICBM SITE L3 SILO CONVERSION		460425N 0630503E	UR	S081466
TYURATAM MTC ICBM SITE S2 SS-19 LAUNCH		460459N 0625500E	UR	S080444
TYURATAM MTC ICBM SITE S2 SS-19 SILO LOADING		460459N 0625500E	UR	S080237
TYURATAM MTC ICBM SITE S2 SS-19 SILO LOADING		460459N 0625500E	UR	S080482
TYURATAM MTC ICBM SUPPORT FACIL 31 R-400 ANT		455536N 0631626E	UR	S081043
VOZROZHDENIYA OSTROV BW TEST AREA NO SIG CHNG		450524N 0591436E	UR	S078473
TYURATAM MTC ICBM SITE V4 SS-17 TEST ACT		460325N 0630154E	UR	S075301
TYURATAM MTC ICBM SITE V4		460325N 0630154E	UR	S078626
TYURATAM MTC ICBM SITE V4 TYPE 3H SILO		460325N 0630154E	UR	S078614
TYURATAM MTC ICBM SITE V4		460325N 0630154E	UR	S081060
TYURATAM MTC LAUNCH CONTROL FACIL S ANT MAST		460044N 0630104E	UR	S079556
TYURATAM MTC ESV TRACKING FACILITY		455426N 0632015E	UR	S081863
TYURATAM MTC DEEP SPACE TRACKING FACILITY		454216N 0632018E	UR	
VOZROZHDENIYA OSTROV BW LAB NO SIG CHANGE		450725N 0591520E	UR	S078473
TYURATAM MTC LAUNCH CONTROL FACIL R ANT MAST		455431N 0632553E	UR	S079556
TYURATAM MTC SPACE SITE U1/2 CONST COMPLETE		460214N 0630212E	UR	S080044
ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA		464617N 0612048E	UR	S079956
ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA		464617N 0612048E	UR	
TYURATAM MTC ICBM SITE S9 SILO COVER U/I MAT		460308N 0625915E	UR	S081150

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TYURATAM MTC ICBM SITE SILO CONSTRUCTION		455440N 0632600E	UR	S080690
TYURATAM MTC ICBM SITE SILO U/I TYPE U/C		455440N 0632600E	UR	S081152
TYURATAM MTC ICBM SITE TYPE 3X LCF MODIFIED		455440N 0632600E	UR	S081165
ARALSK AIRFIELD POL STORAGE CAPACITY		464935N 0613650E	UR	S081699
DZHUSALY AIRFIELD		453105N 0640455E	UR	S079527
TYURATAM MTC		455637N 0632755E	UR	S078177
TYURATAM MTC		455637N 0632755E	UR	S078361
TYURATAM MTC GUIDANCE RELATED FACILITIES		455637N 0632755E	UR	S078619
TYURATAM MTC		455637N 0632755E	UR	S079346
TYURATAM MTC		455637N 0632755E	UR	S079333
TYURATAM MTC		455637N 0632755E	UR	S079995
TYURATAM MTC		455637N 0632755E	UR	S080067
TYURATAM MTC SILO U/C		455637N 0632755E	UR	S079928
TYURATAM MTC R-400 MICROWAVE ANTS LOC/ORIEN		455637N 0632755E	UR	S081233
TYURATAM MTC GUIDANCE RELATED FACILITIES		455637N 0632755E	UR	S081624
CASPIAN SEA ASM IMPACT AREA		453000N 0514200E	UR	S080389
CASPIAN SEA ASM IMPACT AREA		453000N 0514200E	UR	S080356
KEMP MISSILE TRACKING FACILITY		475700N 0534815E	UR	S079578
GURYEV AIRFIELD NE		471329N 0515946E	UR	S079110
MINERALNYE VODY RADIO RELAY STATION		441248N 0430812E	UR	S080070

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ASHULUK SAM FIRING RANGE		472620N 0480230E	UR	S080736
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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ELISTA/VOLGOGRAD RADIO RELAY LINE		461815N 0441200E	UR	S078120
PYATIGORSK RADIO RELAY + TV BROADCAST CENTER		440310N 0430450E	UR	S080070
PYATIGORSK RADIO RELAY + TV BROADCAST CENTER		440310N 0430450E	UR	
BAUTINO PORT FACILITIES CASPIAN SEA		443228N 0501556E	UR	S081746
ASTRAKHAN AIRFIELD NW DRONE LAUNCH SITE		462350N 0475327E	UR	S078539
ASTRAKHAN AIRFIELD NW AAM STORAGE POTENTIAL		462350N 0475327E	UR	S079090
FEODOSIYA NAVAL MTC		445115N 0350805E	UR	S081256
VODORAZDEL RADIO RELAY STATION		443405N 0421238E	UR	S080070
FEODOSIYA NAVAL MTC ELECTRONICS R+D FACILITY		445130N 0350815E	UR	S079956
AKSAY ORDNANCE DEPOT		472030N 0395200E	UR	S078452

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BERDYANSK AIRFIELD GCA SITE		464854N 0364539E	UR	S078420
BERDYANSK AIRFIELD TALL KING AW RADAR FACIL		464730N 0364610E	UR	
GELENDZHNIK OCEANOLOGY INSTITUTE		443440N 0375900E	UR	S079862
GELENDZHNIK OCEANOLOGY INSTITUTE SUBMERSIBLES		443440N 0375900E	UR	S079784
GELENDZHNIK OCEANOLOGY INSTITUTE SUBMERSIBLES		443440N 0375900E	UR	
GELENDZHNIK OCEANOLOGY INSTITUTE		443440N 0375900E	UR	S079862
GELENDZHNIK OCEANOLOGY INST SUBMERSIBLE NEW		443440N 0375900E	UR	S081531
GELENDZHNIK OCEANOLOGY INST SUBMERSIBLE NEW		443440N 0375900E	UR	
ROSTOV AIRFRAME PLANT 168		471516N 0394318E	UR	S079296
ROSTOV AIRFRAME PLANT 168 HOOK MI-6 CF		471516N 0394318E	UR	S080455
KERCH NAVAL BASE + SHPYD KAMYSH BURUN PROD/XL		451558N 0362504E	UR	S078544
KERCH NAVAL BASE + SHPYD KAMYSH BURUN PROD/XL		451558N 0362504E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KERCH NAVAL BASE + SHPYD KERCH C/BARGE PROB		451558N 0362504E	UR	S078577
KERCH NAVAL BASE + SHPYD KERCH C/BARGE PROB		451558N 0362504E	UR	
KERCH NAVAL BASE + SHPYD SURFACE EFFECT SHIPS		451558N 0362504E	UR	S080622
KERCH NAVAL BASE + SHPYD SURFACE EFFECT SHIPS		451558N 0362504E	UR	
KERCH NAVAL BASE + SHIPYARD 532 340D CL AK		451558N 0362504E	UR	S081984
KERCH NAVAL BASE + SHIPYARD 532 340D CL AK		451558N 0362504E	UR	
TAGANROG AIRFRAME PLANT DIMITROV 86		471154N 0385221E	UR	S080059
TAGANROG AIRFRAME PLANT DIMITROV 86		471154N 0385221E	UR	S081407
TAGANROG AIRFRAME PLANT DIMITROV 86		471154N 0385221E	UR	S081648
TAGANROG AIRFRAME PLANT DIMITROV 86 KASP B		471154N 0385221E	UR	S081614
TAGANROG AIRFRAME PLANT 86 BERIYEV DESIGN BUR		471154N 0385221E	UR	S081623
TAGANROG AIRFRAME PLT DIMITROV 86 BEAR TU-95		471154N 0385221E	UR	S081560
TAGANROG AIRFRAME PLANT DIMITROV 86		471154N 0385221E	UR	S081344
TAGANROG AIRFRAME PLT DIMITROV 86 BEAR F NEW		471154N 0385221E	UR	S081870
MELITOPOL MACHINE TOOL PLANT 23 OKT		465013N 0352257E	UR	S081231
CHERNOMORSKOYE MISSILE TEST + EVAL CONST U/I		450116N 0355748E	UR	S080896
CHERNOMORSKOYE MISSILE TEST/EVAL NAVAL LNCHR		450116N 0355748E	UR	S081484
NOVOCHERKASSK ARMY BARRACKS AL7		473125N 0400600E	UR	S081667
NOVOCHERKASSK ARMY BARRACKS ZHDANOVA AL2		472510N 0400430E	UR	S081668
ZHDANOV STEEL + RR TANK CAR PLT ILICH ACT REV		470912N 0373331E	UR	S079772
ZHDANOV STEEL + RR TANK CAR PLT ILICH ACT REV		470912N 0373331E	UR	
FEODOSIYA NAVAL BASE CYLINDRICAL OBJ FLOATING		450133N 0352335E	UR	S078069
ZAPOROZHYE MILITARY TRAINING AREA 1		474500N 0351800E	UR	S079728
NOVOCHERKASSK ARMY BARRACKS SE AL6		472440N 0400710E	UR	S081669

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SLAVYANSKAYA ARMY BKS WEST AL1 HVY ARTY BRGD		451510N 0380610E	UR	S080309
FEODOSIYA NAVAL MISSILE SUPT NVL SAM SYS NEW		450808N 0353337E	UR	S078244
FEODOSIYA NAVAL MISSILE SUPPORT SS-N-9 MODIF		450808N 0353337E	UR	S078423
FEODOSIYA NAVAL MISSILE SUPPORT FAC EQUIP NEW		450808N 0353337E	UR	S080303
UST DONETSK PORT COMPLEX SEVERNYY DONETS RVR		473758N 0405122E	UR	S079037
YEYSK ORDNANCE DEPOT D01		464148N 0381524E	UR	S080330
KURSAVKA RADIO RELAY STATION		442620N 0423715E	UR	S080070
NEVINNOMYSSK RADIO RELAY STATION SSE		443445N 0415830E	UR	
CHERKESK RADIO RELAY STATION NE		441545N 0420620E	UR	
ROSTOV ARMY BARRACKS NE AL10		471630N 0395350E	UR	S078453
MIKHAYLOVSKOYE AIRFIELD POL STORAGE CAPACITY		450631N 0420634E	UR	S079884
AKIMOVKA AIRFIELD POL STORAGE CAPACITY		464310N 0350155E	UR	S079820
AKIMOVKA AIRFIELD POL STORAGE CAPACITY		464310N 0350155E	UR	S079879
BOLSHOY TOKMAK AIRFIELD POL STORAGE CAPACITY		471717N 0354238E	UR	S079849
NOVO BOGDANOVKA AIRFIELD POL STORAGE SEARCH		470615N 0351630E	UR	S079843
KRASNODAR AIRFIELD AIRCRAFT/ORDNANCE DISPLAY		450508N 0385641E	UR	S078265
KRASNODAR AIRFIELD AIRCRAFT/ORDNANCE DISPLAY		450508N 0385641E	UR	
KRASNODAR/PASHKOVSKIY AIRFIELD POL STORAGE		450205N 0390907E	UR	S079973
KRYMSK AIRFIELD AAM STORAGE POTENTIAL		445754N 0380005E	UR	S079122
NOVOMINSKAYA AIRFIELD		462034N 0385616E	UR	S079454
KRASNODAR/NOVO TITAROVSKAYA AIRFIELD POL STGE		451512N 0385741E	UR	S079442
BERDYANSK AIRFIELD + RELATED FACILITIES		464903N 0364532E	UR	S078420
ROSTOV AIRFIELD NW AAM STORAGE POTENTIAL		471646N 0393812E	UR	S079124

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SLAVYANSK NA KUBANI AIRFIELD		451406N 0380502E	UR	S079456
TAGANROG SEAPLANE STATION AIRFRAME U/I		471135N 0385230E	UR	S080361
ZAPOROZHYE AIRFIELD EAST AAM STORAGE PTNTL		475203N 0351857E	UR	S079087
KIROVSKOYE AIRFIELD AAM STORAGE POTENTIAL		450957N 0351113E	UR	S079081
SALSK AIRFIELD SW AAM STORAGE POTENTIAL		462456N 0413107E	UR	S079123
NIKOLAYEV AMMUNITION STORAGE FACILITY		470055N 0320055E	UR	S081416
UNGENY MILITARY BARRACKS		471210N 0274815E	UR	S079748
DZHANKOY BOMBING RANGE		454729N 0344335E	UR	S081551
BALAKLAVA MTC SLBM POP-UP TEST PLATFORM		443014N 0333122E	UR	S078546
BALAKLAVA MTC SLBM POP-UP TEST PROGRAM PREP		443014N 0333122E	UR	S080183
BALAKLAVA MTC		443014N 0333122E	UR	S080305
BALAKLAVA MTC SLBM CANISTER PROB LARGE		443014N 0333122E	UR	S080910
BALAKLAVA MTC		443014N 0333122E	UR	S080876
BALAKLAVA MTC MISSILE TRANSPORTER NEW POSS		443014N 0333122E	UR	S081135
NIKOLAYEV/GALITSYNOVO PORT FACILITIES NEW U/C		464549N 0315712E	UR	S081890
NIKOLAYEV NUCLEAR POWER STA KONSTANTINOVKA		474835N 0311401E	UR	S078047
OCHAKOV AIRFIELD EW RADAR SITE		463735N 0313045E	UR	S078922
OCHAKOV AIRFIELD GCA SITE		463859N 0313312E	UR	
NIKOLAYEV SHIPYARD 444 SLBM POP-UP PLATFORM		465705N 0315816E	UR	S078546
NIKOLAYEV SHIPYARD 444 SLBM POP-UP PLATFORM		465705N 0315816E	UR	
NIKOLAYEV SHIPYARD NOSENKO 444 PROD/EXPANSION		465705N 0315816E	UR	S078544
NIKOLAYEV SHIPYARD 444 SLBM POP-UP TEST BARGE		465705N 0315816E	UR	S079888
NIKOLAYEV SHIPYARD NOSENKO 444		465705N 0315816E	UR	S080232

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	NIKOLAYEV SHIPYARD 444 SLBM POP-UP TEST BARGE		465705N 0315816E	UR	S080183
	SEVASTOPOL NAVAL BASE + SHPYD KILENBALOCHNAYA		443655N 0333318E	UR	S079359
	SEVASTOPOL NAVAL BASE + SHPYD KILENBALOCHNAYA		443655N 0333318E	UR	
	SEVASTOPOL NAVAL BASE/SHPYD 445C CL AOR IDENT		443655N 0333318E	UR	S081744
	SEVASTOPOL NAVAL BASE/SHPYD 445C CL AOR IDENT		443655N 0333318E	UR	
	NIKOLAYEV SHIPYARD NORTHERN 61 PROD/EXPANSION		465840N 0320019E	UR	S078544
	NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445		465840N 0320019E	UR	S078981
	NIKOLAYEV SHIPYARD NORTHERN 61 445E CL DD U/C		465840N 0320019E	UR	S079907
	NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445		465840N 0320019E	UR	S080233
	NIKOLAYEV SHIPYARD NORTHERN 61 KARA CLASS CG		465840N 0320019E	UR	S080952
	NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445		465840N 0320019E	UR	S081886
	NIKOLAYEV SHIPYARD NORTHERN 61 KARA CLASS CG		465840N 0320019E	UR	S081869
	SEVASTOPOL OFFSHORE DEFENSE FORCE BASE		443639N 0332959E	UR	S081568
	BALAKLAVA SUBMARINE BASE/SHPYD POP-UP BARGE		443010N 0333554E	UR	S081315
	BALAKLAVA SUBMARINE BASE/SHPYD POP-UP BARGE		443010N 0333554E	UR	
	NIKOLAYEV THERMAL POWER PLANT KOMMUNAR		465831N 0320039E	UR	S078981
	YALTA PORT FACILITIES		442943N 0341015E	UR	S079543
	SEVASTOPOL SHIP RPR YD NANUCHKA CL P66 LDG OP		443727N 0333228E	UR	S080294
	KRIVOY ROG ARMY BARRACKS AL1		475332N 0331915E	UR	S080797
	IASI ARMY BARRACKS EAST 2		470955N 0273731E	RO	S080147
	SEVASTOPOL NAVAL BASE STRELETSKAYA		443613N 0332828E	UR	S081567
	MURFATLAR ARMY BARRACKS 1		441052N 0282454E	RO	S080153
	BEREZINO ARMY BARRACKS AL1		461342N 0291150E	UR	S079175

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BEREZINO ARMY BARRACKS AL1 HEAVY ARTY BRIGADE		461342N 0291150E	UR	S080309
NIKOLAYEV MILITARY TRNG AREA 1 TELMAN R-410		470400N 0313000E	UR	S080013
NIKOLAYEV MILITARY TRNG AREA 1 TELMAN R-410		470400N 0313000E	UR	
TOPRAISAR ARMY BARRACKS 1		440719N 0282808E	RO	S080154
YEVPARATORIYA DEEP SPACE TRKG FACIL 4-DISH ANT		451325N 0330955E	UR	S081047
YEVPARATORIYA DEEP SPACE TRACKING FACIL NORTH		451325N 0330955E	UR	S081863
YEVPARATORIYA DEEP SPACE TRACKING FACIL SOUTH		451024N 0331318E	UR	
SIMFEROPOL SPACE FLIGHT CENTER TRACKING FACIL		450326N 0335342E	UR	
MIHAIL KOGALNICEANU ARMY BARRACKS 1/TRNG AREA		442130N 0282830E	RO	S080155
MIHAIL KOGALNICEANU ARMY BARRACKS 1/TRNG AREA		442130N 0282830E	RO	
SEVASTOPOL SHIPYARD SEVMORZAVOD GRISHA 1 PCE		443646N 0333211E	UR	S078366
SEVASTOPOL SHIPYARD SEVMORZAVOD 497B NEW POSS		443646N 0333211E	UR	S078578
SEVASTOPOL SHIPYARD SEVMORZAVOD 497		443646N 0333211E	UR	S081569
SEVASTOPOL SHIPYARD 497 SVERDLOV CL MODIFIED		443646N 0333211E	UR	S082139
SEVASTOPOL NAVAL BASE SUBMERSIBLES		443628N 0333147E	UR	S079784
SEVASTOPOL NAVAL BASE		443628N 0333147E	UR	S080995
SEVASTOPOL NAVAL BASE T CLASS SS		443628N 0333147E	UR	S080966
BRAILA PORT FACILITIES		451644N 0275906E	RO	S081356
FOCSANI ARMY BARRACKS SOUTH 1/2		454057N 0271051E	RO	S080136
MEDGIDIA ARMY BARRACKS 2		441440N 0281530E	RO	S080148
MEDGIDIA ARMY BARRACKS 1		441409N 0281700E	RO	S080149
SIMFEROPOL ARMY BARRACKS FEODOSIYA AL9		445825N 0340825E	UR	S081418
KILIYA PORT FACILITIES		452555N 0291620E	UR	S080350
SEVASTOPOL ARMY BARRACKS AL2		443810N 0333200E	UR	S078060

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NIKOLAYEV/PERVOMAYSK RADIO RELAY LINE		465820N 0315831E	UR	S078122
ODESSA ARMY BKS PROTOPOPOVKA AL11 SIG UNITS		463648N 0304600E	UR	S081993
ODESSA ARMY BARRACKS SVERDLOVO AL12		463500N 0305551E	UR	S080279
ODESSA MILITARY TRAINING AREA 1		463615N 0305730E	UR	
NIKOLAYEV MILITARY TRAINING AREA 2		4703 N 03200 E	UR	S078564
SEVASTOPOL NAVAL MISSILE SUPT FAC KASHIN DDG		443733N 0333321E	UR	S078252
SULINA PORT FACILITIES		450922N 0293910E	RO	S079707
NIKOLAYEV PETROLEUM PRODUCTS STORAGE KOMMUNA		465844N 0320100E	UR	S078981
RAUKHOVKA TACTICAL SSM BKS AL1 HVY ARTY BRGD		470955N 0304840E	UR	S080309
CONSTANTA SAM TRAINING FACIL SA-6 EQUIP IDENT		442320N 0284310E	RO	S081584
ODESSA SA-3 SITE A20 SA-9 TELS		462001N 0304114E	UR	S080708
UNGENY ARMY BARRACKS SOUTH AL1		471248N 0274743E	UR	S079748
GALATI ARMY BARRACKS 1		452810N 0280120E	RO	S080156
RYBNITSA ARMY BARRACKS AL1		474715N 0285940E	UR	S080308
BELGOROD DNESTROVSKIY PORT FACILITY		461100N 0302220E	UR	S080349
TULCEA PORT FACILITIES		451108N 0284720E	RO	S079712
UNGENY ARTILLERY TRAINING AREA 1		471500N 0274730E	UR	S079748
UNGENY ARTILLERY TRAINING AREA 1/STORAGE AREA		471510N 0274720E	UR	S081281
UNGENY ARTILLERY TRAINING AREA 1/STORAGE AREA		471510N 0274720E	UR	
UNGENY ARTILLERY TRAINING AREA 1/AMMO STORAGE		471500N 0274730E	UR	S081280
UNGENY ARTILLERY TRAINING AREA 1/AMMO STORAGE		471500N 0274730E	UR	
SIMFEROPOL ARMY BARRACKS AL12		445402N 0342007E	UR	S078179
BALAKLAVA COASTAL DEFENSE CRUISE MSL SITE 2		442950N 0333812E	UR	S078102

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NIKOLAYEV SHIPYARD FACILITIES APPROACHES		4655 N 03200 E	UR	S080231
SEVASTOPOL NAVAL FACILITIES APPROACHES WEST		4436 N 03329 E	UR	S080994
SIMFEROPOL AIRFIELD POL STORAGE CAPACITY		445458N 0340335E	UR	S079964
COCARGEAU AIRFIELD AAM STORAGE POTENTIAL		442333N 0274333E	RO	S078394
MARKULESHTY AIRFIELD AAM STORAGE POTENTIAL		475148N 0281249E	UR	S079099
IZMAIL AIRFIELD		452348N 0284813E	UR	S079444
IZMAIL AIRFIELD POL STORAGE CAPACITY		452348N 0284813E	UR	S079876
IZMAIL AIRFIELD POL STORAGE CAPACITY		452348N 0284813E	UR	S079881
SEVASTOPOL/BELBEK AIRFIELD AAM STORAGE PTNTL		444125N 0333425E	UR	S079100
KISHINEV AIRFIELD SE POL STORAGE CAPACITY		465555N 0285618E	UR	S079916
KISHINEV AIRFIELD SE		465555N 0285618E	UR	S082178
NIKOLAYEV/KULBAKINO AFLD HARDSTAND MODIF SRCH		465614N 0320557E	UR	S079420
NIKOLAYEV/KULBAKINO AFLD BACKFIRE B MOD SRCH		465614N 0320557E	UR	S079746
OCHAKOV AIRFIELD		463800N 0313326E	UR	S078922
OKTYABRSKOYE AIRFIELD HARDSTAND MARKING MODIF		451924N 0340620E	UR	S079420
OKTYABRSKOYE AIRFIELD BACKFIRE B MODIF SEARCH		451924N 0340620E	UR	S079746
GVARDEYSKOYE AIRFIELD HARDSTAND MODIFICATION		450710N 0335838E	UR	S080500
TIRASPOL AIRFIELD AAM STORAGE POTENTIAL		465207N 0293531E	UR	S079098
TIRASPOL AIRFIELD HANGARETTE ANT/LTNG ARRST		465207N 0293531E	UR	S079641
TIRASPOL AIRFIELD EAST		464820N 0295004E	UR	S079453
LIMANSKOYE AIRFIELD AAM STORAGE POTENTIAL		464007N 0300042E	UR	S079126
SARATA AIRFIELD POL STORAGE CAPACITY		460339N 0293841E	UR	S079448

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHERVONO GLINSKOYE AIRFIELD AAM STORAGE PTNTL		455645N 0292239E	UR	S079125
SOVETSKIY AIRFIELD POL STORAGE CAPACITY		452124N 0345636E	UR	S079920
CONSTANTA/MIHAIL KOGALNICEANU AFLD AAM STGE		442131N 0282920E	RO	S078506
VORONKOVO AIRFIELD POL STORAGE CAPACITY		474104N 0290616E	UR	S079868
AZOVSKOYE AIRFIELD POL STORAGE CAPACITY		453311N 0343319E	UR	S079880
SOKOLOGORNOYE AIRFIELD POL STORAGE CAPACITY		462922N 0345828E	UR	S080018
SIZOVKA AIRFIELD POL STORAGE SEARCH		452139N 0335132E	UR	S079877
DOMANEVKA AIRFIELD SW POL STORAGE CAPACITY		473525N 0305705E	UR	S079821
VOINKA AIRFIELD POL STORAGE CAPACITY		455343N 0335320E	UR	S079851
MIZIL ARMORED VEHICLE RPR PLT T-55 TANK MODIF		445950N 0262550E	RO	S080595

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CRAIOVA AIRFRAME PLANT		441930N 0235220E	RO	S080492
TELEAJEN CHEIA COMSAT STATION INTERSPUTNIK		452730N 0255640E	RO	S081195
ORSOVA PORT FACILITIES COROANA		444239N 0222548E	RO	S080348
FAGARAS CHEMICAL COMBINE 1		454840N 0245836E	RO	S078343
SZEGED PORT COMPLEX		461514N 0200918E	HU	S080875
TURNU SEVERIN PORT FACILITIES		443720N 0223932E	RO	S080345
TURNU SEVERIN ENGINEERING WORKS MMR NEW U/C		443719N 0223857E	RO	S080789
PRAHOVO PORT FACILITIES DANUBE RIVER		441733N 0223642E	YO	S080347
DEBRECCEN ARMY BKS GERKICSIZO 7/SAM TRNG FACIL		473253N 0213616E	HU	S078308
DEBRECCEN ARMY BKS GERKICSIZO 7/SAM TRNG FACIL		473253N 0213616E	HU	S078308
SZABADSZALLAS ARMY BARRACKS 1/2		465325N 0191257E	HU	S080865

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BUCURESTI ARMY BARRACKS 62/63/64 + HQ DIV		442315N 0260849E	RO	S080157
MEZOTUR ARMY BARRACKS SZABO LAJOS 1		470028N 0203548E	HU	S078309
ORADEA ARMY BARRACKS 1		470254N 0215504E	RO	S080135
BACAU ARMY BARRACKS + DEPOT 3/4/5/6		463336N 0265333E	RO	S080158
BACAU ARMY BARRACKS + DEPOT 3/4/5/6		463336N 0265333E	RO	
HODMEZOVA SARHELY ARMY BARRACKS ZRINYI 1		462413N 0201913E	HU	S078306
SLATINA DOLY ARMY BARRACKS AL1		475734N 0235237E	UR	S081525
KISKOROS ARMY BARRACKS ADANY ARON 1/2		463621N 0191815E	HU	S080542
TAPIOSZECSE AMMUNITION DEPOT SE 502		472654N 0193811E	HU	S078172
RETSAG ARMY BARRACKS + TRAINING CTR H JANOS 1		475544N 0190747E	HU	S078441
RETSAG ARMY BARRACKS + TRAINING CTR H JANOS 1		475544N 0190747E	HU	
TIMISOARA ARMY BARRACKS CHISODA 11		454242N 0211312E	RO	S080159
JANOSHALMA ARMY BARRACKS 1		461657N 0191816E	HU	S078310
KECSKEMET AMMUNITION DUMP KADAFALVA		465308N 0193655E	HU	S081793
BUDAPEST POLICE BARRACKS + ACADY P SENDOR 020		473118N 0185946E	HU	S080750
VERPELET ARMY BARRACKS BEM JOSZEF 1		475115N 0201310E	HU	S078311
TIRGU MURES CHEMICAL COMBINE		463049N 0243014E	RO	S081473
CRAIOVA CHEMICAL COMBINE ISALNITA		442302N 0234305E	RO	S080656
BUCURESTI AIRFRAME PLANT BANEASA IAR		443011N 0260550E	RO	S078695
PIATRA NEAMT ARMY BARRACKS 1		465459N 0262359E	RO	S080152
SIMLEU SILVANIEI ARMY BARRACKS 1		471406N 0224939E	RO	S080160
KISKUNHALAS AMMUNITION STORAGE DEPOT SE 508		462456N 0193016E	HU	S080870
CEGLED ARMY BARRACKS SE 1/HEADQUARTERS CORPS		470930N 0195030E	HU	S080541

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SUBJECT	COORD	COUN	ACCN NO.
BOTOSANI ARMY BARRACKS 6	474346N 0264018E	RO	S080161
GHIMBAV AIRCRAFT PLANT ICA	454035N 0253023E	RO	S078648
BUCURESTI ARMY BARRACKS 70	442718N 0261305E	RO	S080151
DEJ ARMY BARRACKS 3 + HEADQUARTERS DIVISION	470810N 0235332E	RO	S080162
BAIA MARE ARMY BARRACKS SOUTH 1	473820N 0233450E	RO	S080163
BISTRITA ARMY BARRACKS	470800N 0243050E	RO	S080150
AVRIG MOTOR VEHICLE BODY PLANT	454115N 0242302E	RO	S078082
TIMISOARA ARMY BARRACKS 12	454305N 0211420E	RO	S080137
KISKUNLACHAZA AIRFIELD NUCLEAR WPNS STGE SIT	471015N 0190405E	HU	S080286
CRAIOVA AIRFIELD	441903N 0235319E	RO	S080492
SATU MARE AIRFIELD	474300N 0225310E	RO	S078962
DEBRECEN AIRFIELD SENSITIVE STORAGE BUNKERS	472928N 0213656E	HU	S080286
DEBRECEN AIRFIELD SOVIET PHOTO LAB SEARCH	472928N 0213656E	HU	S081408
DEBRECEN AIRFIELD SOVIET PHOTO LAB SEARCH	472928N 0213656E	HU	
DEBRECEN AIRFIELD RUNWAY NEW	472928N 0213656E	HU	S082173
KECSKEMET AIRFIELD AAM STORAGE POTENTIAL	465506N 0194457E	HU	S078325
KUNMADARAS AIRFIELD FITTER C/D MIG-21 IDENT	472324N 0204702E	HU	S079001
CARACAL AIRFIELD AAM STORAGE POTENTIAL	440444N 0242500E	RO	S078396
TIMISOARA AIRFIELD NE AAM STORAGE POTENTIAL	454845N 0212000E	RO	S078505
LUIZI CALUGARA AIRFIELD AAM STORAGE POTENTIAL	463122N 0265439E	RO	S078501
DOR MARUNT AIRFIELD SEARCH	442654N 0265820E	RO	S080605
OPALYI AIRFIELD SEARCH	475850N 0222000E	HU	S079091

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
RAINIC AIRFIELD SEARCH		442750N 0265315E	RO	S080606
ZALAU AIRFIELD SEARCH		471250N 0230150E	RO	S078942
PETRESTI/VEZENDIU AIRFIELD SEARCH		473610N 0222350E	RO	S078944
VIDIN/SMURDAN AIRFIELD		440125N 0224845E	BU	S080019
CAREI AIRFIELD EAST SEARCH		474010N 0223210E	RO	S078954
TASNAD AIRFIELD SEARCH		472740N 0223320E	RO	S078941
MARGHITA AIRFIELD SEARCH		471940N 0222020E	RO	S078943
PAPA ELECTRONICS FACILITY U/I		471745N 0174510E	HU	S081195
TALIANDOROGD COMSAT STATION INTERSPUTNIK		465907N 0173558E	HU	
KOMARNO PORT COMPLEX		474521N 0180722E	CZ	S081509
KAMNIK EXPLOSIVES PLANT		461349N 0143622E	YO	S079801
VUKOVAR PORT FACILITIES DANUBE RIVER		452147N 0185919E	YO	S080344
NAGYKANIZSA ARMY BARRACKS DOSZA GYORGY 2		462719N 0170045E	HU	S078312
VARAZDIN ARMY BARRACKS EAST		461834N 0162053E	YO	S080846
NOVE ZAMKY ARMY BARRACKS 201		475856N 0180950E	CZ	S081532
LJUBLJANA QUARTERMASTER DEPOT		460308N 0143205E	YO	S081796
PECS ARMY BARRACKS 4		460257N 0181344E	HU	S078442
MARCALI ARMY BARRACKS HUNYADI JANOS 1		463500N 0172450E	HU	S079026
SZEKESFHERVAR ARMY BARRACKS ZAMOLY 2/23		471251N 0182432E	HU	S082043
ERCSI ARMY BARRACKS RAKOCZY FERENC 1/2 PMP		471442N 0185330E	HU	S080047
LENTI ARMY BARRACKS ZAIDA 1		463846N 0163551E	HU	S080865
TAB ARMY BARRACKS EAST 201		464407N 0180430E	HU	S079027

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KALOCSA ARMY BARRACKS GABOR ARON 1		463113N 0185941E	HU	S078583
KESZTHELY ARMY BARRACKS SZABADSAG 1		464617N 0171418E	HU	S078313
ERCSI ENGINEER TRAINING AREA 403 OT-64C IDENT		471340N 0185410E	HU	S080047
VESZPREM ARMY TRAINING AREA NNW		470850N 0175400E	HU	S080311
HAJMASKER MILITARY TRAINING AREA NORTH 221		471058N 0180058E	HU	
SLAVONSKA POZEGA AMMUNITION DEPOT		452130N 0173946E	YO	S081899
ZAGREB ARMY BARRACKS NE 3		454930N 0160137E	YO	S081126
VITEZ CHEMICAL PLANT SLOBODAN PRINCIPSELJO		440928N 0174542E	YO	S081355
KOPER PORT FACILITIES		453255N 0134330E	YO	S078216
GYOR PETROLEUM PRODUCTS STORAGE NORTH U/G		474320N 0174228E	HU	S079731
TAPOLCA TACTICAL SSM BARRACKS BOTTYAN 3		465250N 0172443E	HU	S080560
BANJA LUKA ARMY BKS NORTH 4 FROG EQUIP IDENT		444820N 0171216E	YO	S080609
BANJA LUKA ARMY BARRACKS NORTH 4		444820N 0171216E	YO	S080543
SLAVONSKA POZEGA MILITARY STORAGE DEPOT 503		452144N 0174106E	YO	S081902
LJUBLJANA ORDNANCE REPAIR + STORAGE DEPOT 512		460354N 0143012E	YO	S081898
ZADAR ARMY BARRACKS/TRNG CTR SA-9 EQUIP IDENT		440714N 0151401E	YO	S080609
ZADAR ARMY BARRACKS/TRNG CTR SA-9 EQUIP IDENT		440714N 0151401E	YO	
ZADAR ARMY BARRACKS/TRNG CTR SA-9 EQUIP IDENT		440714N 0151401E	YO	
PAKS NUCLEAR POWER PLANT CONSTRUCTION ACT		463500N 0185100E	HU	S078047
GYOR ARMORED VEHICLE PLANT		474133N 0174143E	HU	S080546
VARPOLOTA AMMUNITION STORAGE FACILITY		471310N 0180800E	HU	S080869
GUTTAMASI ARMY BARRACKS + TRAINING CENTER 1		471525N 0181445E	HU	S078080
GUTTAMASI ARMY BARRACKS + TRAINING CENTER 1		471525N 0181445E	HU	
VIDEM NUCLEAR POWER PLANT U/C		455620N 0153058E	YO	S078047

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NAGYKANIZSA MILITARY TRAINING AREA NE		462852N 0165548E	HU	S080811
ZADAR MISSILE INSTL U/I SA-6 EQUIP IDENT		441240N 0150930E	YO	S080239
BUDAPEST/TOKOL AIRFIELD SENSITIVE STGE BKRS		472043N 0185854E	HU	S080286
PAPA AIRFIELD AAM STORAGE POTENTIAL		472153N 0173004E	HU	S078331
TASZAR AIRFIELD AAM STORAGE POTENTIAL		462336N 0175453E	HU	S078329
SARMELLEK AIRFIELD SENSITIVE STORAGE BUNKERS		464124N 0170929E	HU	S080286

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NEVELSK PORT FACILITIES		464004N 1415128E	UR	S081482
DOLINSK/SOKOL AAM SUPPORT FACILITY		471536N 1424617E	UR	S079135
DOLINSK/SOKOL AIRFIELD AAM STORAGE POTENTIAL		471536N 1424617E	UR	S079097
LYALICHI ARMY BARRACKS AL4 MRD NEW		440406N 1322231E	UR	S081439
CHHSIEN CEMENT PLANT		464215N 1310920E	CH	S081708
ARSENYEV AIRFRAME PLANT 116		440859N 1331523E	UR	S079439
ARSENYEV AIRFRAME PLT 116 CR MSL PROGRAM NEW		440859N 1331523E	UR	S079321
ARSENYEV AIRFRAME PLT 116 CR MSL PROGRAM NEW		440859N 1331523E	UR	
ARSENYEV SHIP CMPNTS PLT 515 MSL CMPNTS PROD		440950N 1331446E	UR	
ARSENYEV SHIP CMPNTS PLT 515 MSL CMPNTS PROD		440950N 1331446E	UR	
TROITSKOYE ARMY BARRACKS AL1 SA-8 REGIMENT		444854N 1320218E	UR	S078829
BARANO ORENBURGSKOYE ARMY BARRACKS AL1		442145N 1312710E	UR	S080194

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NOVOSYSOYEVKA IRBM SITE 2 HEAVY ARTY BRIGADE		440725N 1332810E	UR	S080309
NOVOSYSOYEVKA IRBM SITE 2 SP MORTAR HEAVY NEW		440725N 1332810E	UR	S080973
NOVOSYSOYEVKA IRBM SITE 2 SP GUN PROB NEW		440725N 1332810E	UR	S081173
NOVOSYSOYEVKA IRBM SITE 2 SP GUN PROB NEW		440725N 1332810E	UR	
GALENKI ESV TRACKING/MOLNIYA FACIL 4-DISH ANT		440130N 1314545E	UR	S081047
GALENKI ESV TRACKING/MOLNIYA FACILITY		440130N 1314545E	UR	S081863
BIKIN ARMY BARRACKS AL1 + HQ TANK DIVISION		464801N 1341615E	UR	S081565
NOVOGEOGIYEVKA ARMY BARRACKS AL1		440128N 1312409E	UR	S080195

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VARFOLOMEYEVKA ARMY BARRACKS AL1 MRD REDPL		441608N 1332402E	UR	S080679
LERMONTOVKA ARMY BARRACKS AL1 + HQ MRD		470920N 1342030E	UR	S081566
LENINSKOYE MILITARY BARRACKS AL1		475822N 1323702E	UR	S080145
ARSENYEV RADIO COMMO RECEIVER STA DF SUPPORT		441144N 1331900E	UR	S079799
GALENKI SPACE TRACKING FACILITY NORTH		440340N 1314015E	UR	S081863
BARANO ORENBURGSKOYE ARMY BARRACKS AL2		442005N 1313055E	UR	S080190
SPASSK DALNIY ARMY BARRACKS AL4 EW UNIT IDENT		443540N 1325310E	UR	S078989
SERGEYEVKA ARMY BARRACKS AL2 R-410 UNIT IDENT		442003N 1314031E	UR	S081323
SPASSK DALNIY AIRFIELD AIRCRAFT RPR FACS SRCH		443506N 1325021E	UR	S078819
SPASSK DALNIY AIRFIELD AIRCRAFT RPR FACS SRCH		443506N 1325021E	UR	
SPASSK DALNIY AIRFIELD AIR O/B		443506N 1325021E	UR	S079802
CHERNIGOVKA AIRFIELD AAM STORAGE POTENTIAL		441911N 1323246E	UR	S079117

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LUCHKI AIRFIELD		441253N 1321231E	UR	S078816
SANDAGOU AIRFIELD FOXBAT MIG-25 REGIMENT		440500N 1335203E	UR	S078996
SPASSK DALNIY AIRFIELD EAST AAM STORAGE PTNTL		443647N 1325302E	UR	S079121
SPASSK DALNIY AIRFIELD EAST		443647N 1325302E	UR	S079588
VELIKAYA KEMA AIRFIELD		452929N 1371107E	UR	S080607
VARFOLOMEYEVKA AIRFIELD SOUTH		441554N 1332508E	UR	S080435
VARFOLOMEYEVKA AIRFIELD SW		441642N 1332443E	UR	S080433
VERINO AIRFIELD AAM STORAGE POTENTIAL		475949N 1350516E	UR	S079118
KHOROL AIRFIELD EAST GSE INVENTORY		442650N 1320743E	UR	S078552
OSINOVKA AIRFIELD AAM STORAGE POTENTIAL		440058N 1321309E	UR	S079119
GALENKI AIRFIELD NE AAM STORAGE POTENTIAL		440543N 1314845E	UR	S079120
GALENKI AIRFIELD NE POL STORAGE CAPACITY		440543N 1314845E	UR	S081906
LASTOCHKA AIRFIELD		462326N 1340612E	UR	S078337
CHUNGHO COMSAT STATION DOMESTIC PROB		443500N 1274610E	CH	S078146
CHUNGHO COMSAT STATION PROB		443500N 1274610E	CH	S079665
CHINGCHENG CEMENT PLANT		465245N 1273115E	CH	S081708
CHIAMUSSU CEMENT PLANT		464640N 1302650E	CH	S081708
MUTANCHIANG PETROLEUM REFINERY NEW U/C		443720N 1293700E	CH	S078228
FULAERHCHI CEMENT PLANT		471155N 1233625E	CH	S081708
LALIN AIRFIELD AW RADAR FACILITY		451540N 1265510E	CH	S079415
NINGAN AW RADAR FACILITY		442020N 1295340E	CH	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHICHIHAERH AMMUNITION PLANT 672 AREA D		472200N 1235740E	CH	S079901
HAERHPIN AIRFRAME PLANT PINGFANG NOMAD N-22		453549N 1263925E	CH	S078228
SAERHTU PETROLEUM RFY/STGE/ACRYLIC FIBERS PLT		463127N 1250520E	CH	S078422
SAERHTU PETROLEUM RFY/STGE/ACRYLIC FIBERS PLT		463127N 1250520E	CH	
SAERHTU PETROLEUM RFY/STGE/ACRYLIC FIBERS PLT		463127N 1250520E	CH	
HAERHPIN TANK PLANT 674		454639N 1264255E	CH	S079760
CHICHIHAERH ARTILLERY TEST RANGE		472335N 1240505E	CH	S079901
TUNGHO ARMS PLANT FENGSHAN NORTH		462021N 1282149E	CH	
TUNGHO AMMUNITION PLANT WANPAOTUN SOUTH		461619N 1282708E	CH	
PAICHENG WEAPONS TEST RANGE CIRCULAR GRID U/I		455910N 1223035E	CH	S080186
PAICHENG WEAPONS TEST RANGE INSTR SITE 1		460042N 1222957E	CH	
PAICHENG WEAPONS TEST RANGE		454417N 1223922E	CH	S079901
NIENZUSHAN AMMUNITION TEST AREA OLD SOUTH		472818N 1225412E	CH	S079901
NIENZUSHAN AMMUNITION TEST AREA NEW NORTH		473602N 1225751E	CH	
NALAYH ARMY BARRACKS AL1		473135N 1071845E	MG	S079510
SAYNSHAND ARMY BARRACKS AL2		445345N 1100605E	MG	S078829
SUMBER SUMA TACTICAL MISSILE SUPPORT FAC POSS		462600N 1082430E	MG	S079417
SAYNSHAND AIRFIELD		445400N 1100200E	MG	S078076
SAYNSHAND AIRFIELD TASM FAC PROB U/C IDENT		445400N 1100200E	MG	S078833
SAYNSHAND AIRFIELD TASM FAC PROB U/C IDENT		445400N 1100200E	MG	
SAYNSHAND AIRFIELD		445400N 1100200E	MG	S080015
SUMBER SUMA AIRFIELD GSE INVENTORY		463455N 1081916E	MG	S078552
SUMBER SUMA AIRFIELD HIND D MI-24 REGT IDENT		463455N 1081916E	MG	S079924

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SAYNSHAND AIRFIELD NE		445910N 1101030E	MG	S078076
CHOYR AIRFIELD		461500N 1082346E	MG	S080946
CHOYR AIRFIELD EAST		461549N 1082622E	MG	S080947
MANDALGOVI MILITARY INSTL SOV CF/CNCLMT ACT		454459N 1061443E	MG	S079009
MANDALGOVI MILITARY INSTL U/C SOV MRD IDENT		454459N 1061443E	MG	S078830
ULAANBAATAR SAM SUPPORT FACILITY		475632N 1065826E	MG	S080196
ARVAYHEER ARMY BARRACKS AL1		462200N 1024800E	MG	S081209
SHUANGCHENGTZU MTC SAM CPLX SAM MBL NEW IDENT		410430N 1003110E	CH	S078201
SHUANGCHENGTZU MTC SAM COMPLEX CSA-X-2 EQUIP		410430N 1003110E	CH	S080453
SHUANGCHENGTZU MTC SSM TRACKING FACILITY 10		411735N 1002000E	CH	S081332
SHUANGCHENGTZU MTC SSM TRACKING FACILITY 23		405759N 1001448E	CH	S078282
SHUANGCHENGTZU MTC SSM TRACKING FACILITY 22		403715N 1002330E	CH	S078287
SHUANGCHENGTZU MTC SSM SITE A ELCT VEHICLES		411653N 1001816E	CH	S081332
SHUANGCHENGTZU MTC ICBM SITE B1/2		411828N 1001854E	CH	S078620
SHUANGCHENGTZU MTC ICBM SITE B1/2		411828N 1001854E	CH	S078987
SHUANGCHENGTZU MTC ICBM SITE B1/2		411828N 1001854E	CH	S079661
SHUANGCHENGTZU MTC ICBM SITE B CSS-X-4/CSL-2		411828N 1001854E	CH	S080623
SHUANGCHENGTZU MTC ICBM SITE B CSS-X-4/CSL-2		411828N 1001854E	CH	
SHUANGCHENGTZU MTC ICBM SITE B1/2 LNCH STAND		411828N 1001854E	CH	S080594
SHUANGCHENGTZU MTC ICBM SITE B1/2 CSS-X-4		411828N 1001854E	CH	S081332
SHUANGCHENGTZU MTC SSM SITE C INSTR FACIL		412135N 1001921E	CH	S079986
SHUANGCHENGTZU MTC SSM SUPPORT FACILITY		410613N 1001647E	CH	S081036

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
SHUANGCHENGZU AERO RADIO COMMO XMTR STATION		402537N 0994612E	CH	S081459
SHUANGCHENGZU MTC		410800N 1001500E	CH	S078074
SHUANGCHENGZU MTC RADAR O/B		410800N 1001500E	CH	S079620
SHUANGCHENGZU MTC		410800N 1001500E	CH	S080317
SHUANGCHENGZU MTC CONSTRUCTION ACTIVITY		410800N 1001500E	CH	S080474
SHUANGCHENGZU MTC		410800N 1001500E	CH	S081339
TATUNG MILITARY TRAINING AREA		400840N 1132225E	CH	S080980
CHANGCHIAKOU AIRFIELD SE RADCOM STA BKR HARD		404450N 1145545E	CH	S079893
CHANGCHIAKOU ARMY BARRACKS AL7		405329N 1145429E	CH	S080716
WANCHUAN ARMY BARRACKS AL1		405125N 1144418E	CH	S080717
TATUNG ARMY BARRACKS SW PINGWANG		400323N 1131144E	CH	S080979
HSIMALIN ARMY BARRACKS AL2		404850N 1142750E	CH	S080712
CHANGCHIAKOU ARMY BARRACKS WEST AL8		404630N 1144310E	CH	S080719
PEISHACHENG ARMY BARRACKS AL1		404324N 1143147E	CH	S080711
CHANGCHIAKOU ARMY BARRACKS SOUTH AL9		404350N 1145445E	CH	S080728
TATUNG ARMY BARRACKS NW AL2/HQ INFANTRY DIV		400645N 1131526E	CH	S080990
PAOTOU ARMORED VEHICLE PLANT 617		404006N 1095423E	CH	S079315
PAOTOU ARMORED VEHICLE PLANT 617 TEST FACs		404006N 1095423E	CH	S079901
PAOTOU ARMORED VEHICLE PLT 617 PROD INCREASE		404006N 1095423E	CH	S081683
PAOTOU ARMORED VEHICLE PLT 617 PROD INCREASE		404006N 1095423E	CH	S081767
TUHAMACHING ARTILLERY TEST RANGE		405054N 1093745E	CH	S079901
PAOTOU NUCLEAR ENERGY FACILITY		403938N 1095821E	CH	S078465

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
HUAIAN ARMY BARRACKS AL1 + HQ INFANTRY DIV		404006N 1142456E	CH	S080710
YANGKAO ARMY BARRACKS WNW AL1		402157N 1134340E	CH	S080987
TATUNG ARMY BARRACKS AL10		400811N 1131722E	CH	S080992
TATUNG ARMY BARRACKS NW AL1/HEADQUARTERS		400703N 1131621E	CH	S080977
HUHOHAOTE SOLID PROPELLANT COMPLEX		404414N 1115740E	CH	S080271
HUHOHAOTE SOLID PROPELLANT COMPLEX CYL OBJS		404414N 1115740E	CH	S080369
HUHOHAOTE SOLID PROPELLANT COMPLEX		404414N 1115740E	CH	S081036
CHINING ARMY BARRACKS AL6/HQ INF DIV/DEF AREA		405931N 1130357E	CH	S080982
CHINING ARMY BARRACKS SOUTH ALIENKOU AL1		404703N 1131222E	CH	S080988
HUAIAN ARMY BARRACKS WEST AL3		404008N 1142141E	CH	S080713
CHANGCHIAKOU ARMY BARRACKS AL1 + HQ		404851N 1145340E	CH	S080723
CHANGCHIAKOU ARMY BARRACKS AL2		404605N 1145413E	CH	S080720
CHANGCHIAKOU ORDNANCE TEST RANGE		404042N 1145620E	CH	S079901
WUMAOCHIEN AIRFIELD RADIO COMMO STA BKR HARD		403855N 1090215E	CH	S079893
CHANGCHIAKOU ARMY BARRACKS AL4 + HQ INF DIV		404514N 1144339E	CH	S080715
CHINING ARMY BARRACKS 5		405900N 1130705E	CH	S080983
TATUNG MILITARY TRAINING AREA 2		400715N 1131420E	CH	S080993
CHINING ARMY BARRACKS AL4 + DEFENSIVE AREA		405130N 1133200E	CH	S080986
TATUNG ARMY BARRACKS AL11		401330N 1130815E	CH	S080978
CHULOPAO ARMY BARRACKS AL4 + HQ INFANTRY DIV		401014N 1132836E	CH	S080985
CHANGCHIAKOU ARMY BKS/DEF AREA TRENCH NETWORK		410120N 1143800E	CH	S079553
TATUNG ARMY BARRACKS AL14		400330N 1125755E	CH	S080991

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHANGCHIAKOU MILITARY AREA 1	4050	N 11456 E	CH	S080722
CHANGCHIAKOU MILITARY AREA 2	4051	N 11457 E	CH	S080714
CHANGCHIAKOU COMBINED ARMS TRAINING AREA	404620N	1144742E	CH	S080721
SHANFANGPAO ARMY BARRACKS AL1	405740N	1144324E	CH	S080718
HUAIAN MILITARY AREA 1	4040	N 11423 E	CH	S080732
TATUNG MILITARY AREA 1	4005	N 11318 E	CH	S080976
TATUNG MILITARY AREA 2	4006	N 11319 E	CH	S080989
CHINING MILITARY AREA 1	4057	N 11302 E	CH	S080981
CHULOPAO MILITARY AREA 1	4009	N 11336 E	CH	S080984
CHANGCHIAKOU AIRFIELD SE FISHBED F-7 COUNT	404423N	1145542E	CH	S080782
PIKOCHI AIRFIELD VIP ARRIVAL PREPARATIONS	404416N	1111347E	CH	S080956
NIUHO POL STORAGE AREA REGIONAL	412120N	1193840E	CH	S078087
SHANHAIKUAN/FANGSHAN CRUDE OIL PIPELINE	400115N	1193730E	CH	S079622
HSINCHENGTZU COMSAT STA SOUTH DOMESTIC PROB	405139N	1194034E	CH	S078146
HSINCHENGTZU COMSAT STATION SOUTH PROB	405139N	1194034E	CH	S079665
FOUHSIN AIRFIELD 2 RADCOM STA NORTH BKR HARD	420600N	1213920E	CH	S079893
FOUHSIN AIRFIELD 2 RADCOM STATION SE BKR HARD	420430N	1214005E	CH	
HSIAOLINGTZU AIRFIELD RADCOM STATION WEST BKR	410625N	1210105E	CH	
KANTZU RADIO COMMUNICATIONS STA SE BKR HARD	401550N	1225735E	CH	
HSIAOLINGTZU AIRFIELD RADCOM STATION BKR HARD	410615N	1210137E	CH	
HSUANHUA ARMY BARRACKS NW AL10	403818N	1150030E	CH	S080726
HULUTAO NAVAL BASE/SHIPYARD/PORT FACILITY	404309N	1205939E	CH	S079209
HULUTAO NAVAL BASE/SHIPYARD/PORT FACILITY	404309N	1205939E	CH	
HULUTAO NAVAL BASE/SHIPYARD/PORT FACILITY	404309N	1205939E	CH	
HULUTAO NAVAL BASE/SHPYD/PORT SUB LAUNCH PREP	404309N	1205939E	CH	S081147

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HULUTAO NAVAL BASE/SHPYD/PORT SUB LAUNCH PREP	404309N 1205939E	CH	
HULUTAO NAVAL BASE/SHIPYARD/PORT LUTA CL DD	404309N 1205939E	CH	S080763
HULUTAO NAVAL BASE/SHPYD/PORT SUB LAUNCH PREP	404309N 1205939E	CH	S081147
HULUTAO NAVAL BASE/SHIPYARD/PORT LUTA CL DD	404309N 1205939E	CH	S080763
HULUTAO NAVAL BASE/SHIPYARD/PORT LUTA CL DD	404309N 1205939E	CH	
HULUTAO NAVAL BASE/SHPYD/PORT FACIL LNCH PREP	404309N 1205939E	CH	S081591
HULUTAO NAVAL BASE/SHPYD/PORT FACIL LNCH PREP	404309N 1205939E	CH	
HULUTAO NAVAL BASE/SHPYD/PORT FACIL LNCH PREP	404309N 1205939E	CH	
PEICHING SPACE TRACKING RADIO RCVR COMSAT STA	400321N 1161459E	CH	S078146
PEICHING SPACE TRACKING RADIO COMMO RCVR STA	400321N 1161459E	CH	S079665
PEICHING SPACE TRKG RADCOM RCVR HF COMMO ANTS	400321N 1161459E	CH	S081631
CHINHSI MTC CRUISE MISSILE R+D SITE	404136N 1205449E	CH	S078072
CHINHSI MTC CR MSL R+D SITE CSS-N-1 VARIANT	404136N 1205449E	CH	S079614
CHINHSI MTC SSM SUPPORT FACILITY MAIN	404206N 1205229E	CH	S078072
HSUANHUA ARMY BARRACKS AL1 + HQ INFANTRY DIV	403613N 1150155E	CH	S080725
SHACHENG ARMY BARRACKS NW AL1	402416N 1152935E	CH	S080727
SHANHAIKUAN ARMY BARRACKS AL1	400041N 1194601E	CH	S081601
MIYUN HYDROELECTRIC POWER PLT/DAM EARTHQUAKE	402846N 1164940E	CH	S078550
HUAIJOU MISSILE PROPULSION R+D FACILITY	402424N 1164027E	CH	S079187
PEICHING RADIO COMMO XMTR STA NE BURIED ANTS	400054N 1163207E	CH	S079893
YUNGNING RADIO COMMUNICATIONS RECEIVER STA 2	403003N 1160336E	CH	S081512
HSUANHUA ARMORED TRAINING AREA	404550N 1150640E	CH	S080731
HSINPAOAN ARMY BARRACKS AL1	402640N 1152500E	CH	S080730

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHINHSI NAVAL WEAPONS R+D TEST AREA		404055N 1205133E	CH	S078072
CHINHSI NAVAL WEAPONS R+D AREA MSL LNCH PSTN		404055N 1205133E	CH	S080452
CHINHSI NAVAL WEAPONS R+D AREA MSL LNCH PSTN		404055N 1205133E	CH	
CHINHSI NAVAL WEAPONS R+D TEST AREA CONST		404055N 1205133E	CH	S080913
CHINHSI NAVAL WEAPONS R+D TEST AREA 57MM GUNS		404055N 1205133E	CH	S081736
CHANGKOCHUANG COMSAT STATION DOMESTIC PROB		400600N 1165440E	CH	S078146
CHANGKOCHUANG COMSAT STATION DOMESTIC PROB		400600N 1165440E	CH	S079665
YUNGNING RADIO COMMUNICATIONS RCVR STA SOUTH		402840N 1160938E	CH	S081460
HSUANHUA MILITARY AREA 1		4038 N 11506 E	CH	S080724
SHACHENG ARMY BARRACKS AL3		402430N 1152910E	CH	S080729
PEICHING AIRFIELD CAPITAL AIRCRAFT NEW IDENT		400424N 1163543E	CH	S078999
CHINHSI MTC		404126N 1205309E	CH	S078072
CHINHSI MTC SLBM TUBE PROB		404126N 1205309E	CH	S079332
CHINHSI MTC		404126N 1205309E	CH	S080310
CHINHSI MTC		404126N 1205309E	CH	S081709
CHINHSI MTC		404126N 1205309E	CH	S081339
CHINHSI MTC		404126N 1205309E	CH	S081036
CHANGCHUN ARMY BARRACKS SE AL14		435130N 1252030E	CH	S080209
KANGGYE MUNITIONS LOADING PLANT		405840N 1263455E	KN	S079339
CHUANTOU CEMENT PLANT		425110N 1240930E	CH	S081708
CHINGYUAN POL STORAGE AREA REGIONAL		420630N 1245550E	CH	S078234
NIUHSINTAI POL STORAGE AREA REGIONAL		412210N 1235450E	CH	S078088

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SHENYANG/TUNGHUA TELCOM LINE SSM FACIL SEARCH		414340N 1255230E	CH	S081039
SHENYANG/TUNGHUA TELCOM LINE SSM FACIL SEARCH		414340N 1255230E	CH	
LIUHO ARMY BARRACKS EAST AL2		421600N 1255030E	CH	S080229
SHIHLINGTZU CEMENT PLANT		430520N 1244220E	CH	S081708
CHANGCHUN ARMY BARRACKS WEST AL13		435231N 1251450E	CH	S080208
TIEHLING RADIO COMMUNICATIONS STA SE BKR HARD		421311N 1240229E	CH	S079893
HOCHUAN RADIO COMMO STATION NORTH BUNKER HARD		401450N 1230220E	CH	
FUSHUN COMSAT STATION DOMESTIC PROB		415850N 1240145E	CH	S078146
FUSHUN COMSAT STATION DOMESTIC PROB		415850N 1240145E	CH	S079665
NANTSAMU ARMS TEST FACILITY		415654N 1242439E	CH	S079901
LIAOYANG PETROCHEMICAL PLANT		411138N 1231308E	CH	S078422
TUNGHUA SSM REGIMENT HQ 2 RADCOM STATION HARD		412730N 1260200E	CH	S079893
SINHUNG MUNITIONS PLANT PUG		401030N 1273915E	KN	S079339
CHONGJIN NUCLEAR POWER PLANT POSS U/C		414715N 1294520E	KN	S078843
CHINGYU MTC SSM SITE POSS SILOS U/C		421755N 1265231E	CH	S081883
PAENGMA RI PETROLEUM REFINERY NEW U/C		400420N 1243245E	KN	S078228
PAENGMA RI PETROLEUM REFINERY U/C		400420N 1243245E	KN	S081683
KUOCHIATIEN CEMENT PLANT		431930N 1243600E	CH	S081708
CHANGCHUN CEMENT PLANT EAST		435400N 1252350E	CH	
SHENYANG AIRFRAME PLANT 112 MISSILE PROD AREA		415208N 1232600E	CH	S080281
SHENYANG AIRFRAME PLANT 112 MISSILE PROD AREA		415208N 1232600E	CH	
SHENYANG AIRFRAME PLT FARMER F-6 REPAIR/MODIF		415208N 1232600E	CH	S081407
KRASKINO ARMY BKS CENTRAL AL1 SA-8 REGT IDENT		424215N 1304720E	UR	S081487
HUICHON MACHINE TOOL PLANT PUG		401103N 1261425E	KN	S079338

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHANGCHUN ARMY BARRACKS WEST AL4		435351N 1251448E	CH	S080215
CHANGCHUN ARMY BARRACKS AL7 + HEADQUARTERS		435355N 1251824E	CH	S080207
HAILUNG ARMY BARRACKS WEST AL1		423846N 1254908E	CH	S080223
TUNGHUA ARMY BARRACKS AL2 + HQ INFANTRY DIV		414246N 1255856E	CH	S080227
TUNGHUA ARMY BARRACKS NE AL4		414415N 1255716E	CH	S080228
TUNGHUA ARMY BARRACKS NE AL5		414542N 1255911E	CH	S080230
PYORHA RI ARMS + AMMUNITION PLT 81 PUG EXPSN		404550N 1263250E	KN	S081768
CHANGCHUN ARMY BARRACKS NNE AL15		435540N 1251950E	CH	S080217
WEICHING ARMY BARRACKS SOUTH AL1		424640N 1251620E	CH	S080224
KUSONG TANK MANUFACTURING PLANT		400250N 1251240E	KN	S079577
KUSONG TANK MANUFACTURING PLANT EXPANSION		400250N 1251240E	KN	S081768
TUNGFENG ARMY BARRACKS NORTH AL1		424120N 1253150E	CH	S080222
KIMCHAEK RADIO COMM0 XMTR STA VLF CPBL SEARCH		404059N 1291217E	KN	S079492
LIAOYUAN ARMY BARRACKS EAST AL1 + HQ INF DIV		425405N 1250932E	CH	S080220
LIAOYUAN ARMY BARRACKS NE AL2		425625N 1251240E	CH	S080225
TATUN ARMY BARRACKS AL1		434655N 1250911E	CH	S080210
CHANGCHUN ARMY BARRACKS AL3 + HQ INFANTRY DIV		435055N 1251605E	CH	S080213
LIAOYUAN ARMY BARRACKS SOUTH AL3		425129N 1250802E	CH	S080221
KANGGYE ARMS PLANT 93 PUG EXPANSION		405956N 1263647E	KN	S081768
MANPO UP EXPLOSIVES PLANT 13 PUG		411220N 1262133E	KN	S079339
CHANGCHUN ARMY BARRACKS + TRAINING AREA AL10		435240N 1251310E	CH	S080214
CHANGCHUN ARMY BARRACKS + TRAINING AREA AL10		435240N 1251310E	CH	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KANGGYE AMMUNITION PLANT PO DUNG PUG		405905N 1263952E	KN	S079339
CHINGYU MTC ICBM SITE LAUNCH CAPABILITY		421712N 1265255E	CH	S080652
CHINGYU MTC ICBM SITE CSS-3 POST-LAUNCH ACT		421712N 1265255E	CH	S081585
CHANGCHUN ARMY BARRACKS AL6		435352N 1251812E	CH	S080216
KAIYUAN ARMY BARRACKS AL1		423150N 1240320E	CH	S080218
HSINGCHENGPU ORDNANCE TEST RANGE		420540N 1233040E	CH	S079901
CHANGCHUN SSM/SPACE TRACKING FACILITY		434345N 1253205E	CH	S078986
CHANGCHUN SSM/SPACE TRACKING FACILITY		434345N 1253205E	CH	S079665
CHINGYUAN COMSAT STATION DOMESTIC PROB		415830N 1251205E	CH	S078146
CHINGYUAN COMSAT STATION DOMESTIC PROB		415830N 1251205E	CH	S079665
CHANGCHUN ARMY BARRACKS AL11		434920N 1251635E	CH	S080211
CHINGYU MTC SSM HEADQUARTERS CONSTRUCTION		421853N 1265430E	CH	S079986
IHA RI MILITARY BKS SOUTH MSL-SHAPED OBJ U/I		400000N 1251410E	KN	S079921
IHA RI MILITARY BKS SOUTH MSL-SHAPED OBJ U/I		400000N 1251410E	KN	
FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE		421040N 1265600E	CH	S080461
FUSUNG SSM FIELD POSITION 3 CSS-2 EQUIPMENT		421040N 1265600E	CH	S080456
FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE		421040N 1265600E	CH	S080687
FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE		421040N 1265600E	CH	S080459
TUNGHUA SSM COMPLEX COMMAND POST BUNKERED		413615N 1255158E	CH	S079893
TUNGHUA MILITARY AREA 1		4141 N 12555 E	CH	S080226
LIAOYUAN MILITARY AREA 1		425500N 1250900E	CH	S080219
CHANGCHUN MILITARY AREA 2		435100N 1252200E	CH	S080212

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHANGCHUN MILITARY AREA 1		435200N 1252100E	CH	S080206
TANTUNG AIRFIELD FARMER F F-6 COUNTS		400119N 1241709E	CH	S079326
CHANGJIN UP AIRFIELD		402145N 1271554E	KN	S080548
TUNGHUA SSM COMPLEX		412833N 1260828E	CH	S079169
CHINGYU MTC		421705N 1265320E	CH	S078066
CHINGYU MTC CSS-3 1ST/2ND STAGE TRANSPORTERS		421705N 1265320E	CH	S079243
CHINGYU MTC RADAR O/B		421705N 1265320E	CH	S079621
CHINGYU MTC		421705N 1265320E	CH	S080802
CHINGYU MTC		421705N 1265320E	CH	S081339
NOVOLITOVSK BOATYARD NANUCHKA PGG LNCH PREP		425445N 1324615E	UR	S081423
NOVOLITOVSK BOATYARD MINOR WARSHIP PRODUCTION		425445N 1324615E	UR	S081524
OLGA SA-1 SITE IDENTIFICATION		435810N 1353155E	UR	S078529
USSURIYSK EW RADAR SITE		435024N 1320250E	UR	S081682
TAVRICHANKA THICK EIGHT HF/DF FAC FIX 24 SRCH		431800N 1314955E	UR	S079840
USSURIYSK/VOZDVIZHENKA AIRFIELD GCA SITE		435423N 1315553E	UR	S081682
USSURIYSK/VOZDVIZHENKA AIRFIELD EW RADAR SITE		435410N 1315510E	UR	
VLADIVOSTOK NAVAL BASE + SHIPYARD 202		430628N 1315510E	UR	S080337
VLADIVOSTOK NAVAL BASE + SHPYD PETYA 1/3 CONV		430628N 1315510E	UR	S080297
VLADIVOSTOK NAVAL BASE + SHPYD PETYA 1/3 CONV		430628N 1315510E	UR	
VLADIVOSTOK NAVAL BASE + SHIPYARD 202		430628N 1315510E	UR	S080337
VLADIVOSTOK NAVAL BASE + SHPYD 202 OBJECT U/C		430628N 1315510E	UR	S080574
VLADIVOSTOK NAVAL BASE + SHPYD 202 OBJECT U/C		430628N 1315510E	UR	
VLADIVOSTOK NAVAL BASE + SHPYD SVERDLOV MODIF		430628N 1315510E	UR	S082139
VLADIVOSTOK NAVAL BASE + SHPYD SVERDLOV MODIF		430628N 1315510E	UR	

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
VLADIVOSTOK SUBMARINE BASE ULIS BUKHTA		430449N 1315506E	UR	S079203
VLADIVOSTOK SUBMARINE BASE 199D/SUBMERSIBLES		430449N 1315506E	UR	S079784
VLADIVOSTOK SUBMARINE BASE F CLASS SS PROB CF		430449N 1315506E	UR	S080596
VLADIVOSTOK PORT FACILITIES		430543N 1315224E	UR	S079546
VLADIVOSTOK MISSILE PATROL BOAT BASE		430420N 1315541E	UR	S079202
VLADIVOSTOK MISSILE PTL BOAT BASE CR MSL CRT		430420N 1315541E	UR	S080418
VLADIVOSTOK MISSILE BOAT BASE NANUCHKA CL PGG		430420N 1315541E	UR	S081156
SMOLYANINOVO ARMY BARRACKS AL1/TRNG AREA TA3		431808N 1322816E	UR	S079511
USSURIYSK MILITARY MANEUVER AREA TK TRNG EXER		434043N 1315834E	UR	S079237
USSURIYSK ARMY BKS AL2/HQ ARTY DIV DONGUZ A/B		434932N 1315650E	UR	S080658
BARABASH MILITARY BKS AL1/HQ MRD FROG-7 EXER		431143N 1312940E	UR	S078991
BARABASH MILITARY BKS AL1/HQ MRD FROG-7 EXER		431143N 1312940E	UR	
ABREK BUKHTA NAVAL BASE PROMYSLOVKA		425608N 1322515E	UR	S079213
PETROVKA NAVAL BASE + SHPYD RPR FACS NEW U/C		430703N 1322017E	UR	S078083
PETROVKA NAVAL BASE + SHPYD RPR HALL OPRTNL		430703N 1322017E	UR	S075042
PETROVKA NAVAL BASE + SHPYD RPR FACS NEW U/C		430703N 1322017E	UR	S078083
PETROVKA NAVAL BASE + SHPYD RPR HALL OPRTNL		430703N 1322017E	UR	S075042
PETROVKA NAVAL BASE + SHIPYARD SUBMERSIBLES		430703N 1322017E	UR	S079726
PETROVKA NAVAL BASE + SHIPYARD SUBMERSIBLES		430703N 1322017E	UR	
PETROVKA NAVAL BASE + SHIPYARD		430703N 1322017E	UR	S080052
PETROVKA NAVAL BASE + SHIPYARD		430703N 1322017E	UR	
PETROVKA NAVAL BASE + SHIPYARD Y CL SSBN RPR		430703N 1322017E	UR	S080243
PETROVKA NAVAL BASE + SHIPYARD Y CL SSBN RPR		430703N 1322017E	UR	
PETROVKA NAVAL BASE + SHIPYARD		430703N 1322017E	UR	S080488

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PETROVKA NAVAL BASE + SHIPYARD		430703N 1322017E	UR	
PETROVKA NAVAL BASE + SHPYD SUB RPR HALL U/C		430703N 1322017E	UR	S081367
PETROVKA NAVAL BASE + SHPYD SUB RPR HALL U/C		430703N 1322017E	UR	
PETROVKA NAVAL BASE + SHIPYARD E-2 CLASS SSGN		430703N 1322017E	UR	S081489
PETROVKA NAVAL BASE + SHIPYARD E-2 CLASS SSGN		430703N 1322017E	UR	S081559
PETROVKA NAVAL BASE + SHIPYARD E-2 CLASS SSGN		430703N 1322017E	UR	S081489
PETROVKA NAVAL BASE + SHIPYARD E-2 CLASS SSGN		430703N 1322017E	UR	S081559
STRELOK ZALIV SUBMARINE BASE PAVLOVSKOGO TNL		425210N 1323135E	UR	S078192
STRELOK ZALIV SUBMARINE BASE PAVLOVSKOGO		425210N 1323135E	UR	S079214
STRELOK ZALIV SUBMARINE BASE TUNNEL CONST		425210N 1323135E	UR	S079936
STRELOK ZALIV SUBMARINE BASE TUNNEL CONST		425210N 1323135E	UR	S080905
DUNAY SUBMARINE BASE + SHPYD RAZBOYNIK BUKHTA		425356N 1322118E	UR	S079215
DUNAY SUBMARINE BASE + SHPYD RAZBOYNIK BUKHTA		425356N 1322118E	UR	
VLADIMIR SUBMARINE BASE		435614N 1352723E	UR	S078319
VLADIMIR SUBMARINE BASE LUZA CL AOS SALVAGE		435614N 1352723E	UR	S081168
USSURIYSK/VOZDVIZHENKA AIRCRAFT REPAIR BASE		435512N 1315450E	UR	S081682
VLADIVOSTOK SHIPYARD ULIS CONST/CONV/FITTING		430504N 1315525E	UR	S078573
VLADIVOSTOK SHIPYARD ULIS CONSTRUCTION HALL		430504N 1315525E	UR	S079357
VLADIVOSTOK SHIPYARD ULIS MINOR WARSHIP PROD		430504N 1315525E	UR	S081524
VLADIVOSTOK NAVAL BASE PARIS BUKHTA		430049N 1315440E	UR	S079204
DUNAY SUBMARINE BASE KONYUSHKOVA BUKHTA		425159N 1322158E	UR	S079216
USSURIYSK AAM SUPPORT FACILITY		435505N 1315706E	UR	S081682
USSURIYSK ARMY BARRACKS AL5		434920N 1315755E	UR	S081787

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SOKOLOVKA PORT FACILITIES		425426N 1335355E	UR	S080524
USSURIYSK/VOZDVIZHENKA ASM FACILITY		435505N 1315530E	UR	S081682
VOSTOCHNYY PORT FACILITIES		424340N 1330440E	UR	S079828
VLADIVOSTOK NAVAL FACILITIES APPROACHES		4304 N 13154 E	UR	S079201
STRELOK ZALIV NAVAL FACILITIES APPROACHES		4254 N 13226 E	UR	S079212
VLADIMIR NAVAL FACILITIES APPROACHES		4353 N 13527 E	UR	S078318
UGLOVOYE AIRFIELD NW AAM STORAGE POTENTIAL		432044N 1320335E	UR	S079115
UGLOVOYE AIRFIELD NW AIRCRAFT REPAIR FAC SRCH		432044N 1320335E	UR	S078821
UGLOVOYE AIRFIELD NW AIRCRAFT REPAIR FAC SRCH		432044N 1320335E	UR	
UNASHI AIRFIELD AAM STORAGE POTENTIAL		425727N 1330710E	UR	S079075
UNASHI AIRFIELD AA-3 ACTIVITY		425727N 1330710E	UR	S079988
UNASHI AIRFIELD AA-3 ACTIVITY		425727N 1330710E	UR	
USSURIYSK/VOZDVIZHENKA AIRFIELD AAM STGE SRCH		435425N 1315547E	UR	S079105
USSURIYSK/VOZDVIZHENKA AIRFIELD		435425N 1315547E	UR	S081682
ARTEM AIRFIELD NORTH AIR DEFENSE UNIT IDENT		432352N 1320916E	UR	S078990
SERGEYEVKA AIRFIELD SOUTH POL STORAGE SEARCH		431809N 1332100E	UR	S079818

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SPLIT PORT FACILITY SOUTH		433009N 0162625E	YO	S078097
SPLIT PORT FACILITIES NORTH		433139N 0162820E	YO	S078096
PLOCE PORT FACILITIES		430259N 0172539E	YO	S078220
TIVAT AIRFIELD SUPPORT FACILITY POSS U/G U/C		422429N 0184320E	YO	S080466
TELISH TACTICAL SSM BARRACKS		432020N 0241540E	BU	S081287

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VETREN RADIO RELAY STATION PROB		421850N 0240130E	BU	S079455
VAKAREL RADIO RELAY STATION PROB		423240N 0234800E	BU	
SPASOVO RADIO RELAY STATION PROB		421935N 0251610E	BU	
GORNA MALINA RADIO RELAY STATION PROB		424115N 0234300E	BU	
STARA ZAGORA RADIO RELAY STATION PROB		422835N 0254005E	BU	
NOVA ZAGORA RADIO RELAY STATION PROB		422505N 0260920E	BU	
SARANTSI RADIO RELAY STATION PROB		424630N 0234630E	BU	
DZHINOVO RADIO RELAY STATION PROB		423620N 0260935E	BU	
SLIVEN RADIO RELAY STATION PROB		424305N 0261305E	BU	
BELA SLATINA RADIO RELAY STATION PROB		432930N 0235230E	BU	
BISTRITSA COMSAT STATION INTERSPUTNIK		422920N 0232710E	BU	S080184
BISTRITSA COMSAT STATION INTERSPUTNIK IDENT		422920N 0232710E	BU	S081195
LOM PORT FACILITIES		435000N 0231400E	BU	S078345
RUSE PORT COMPLEX		435027N 0255627E	BU	S081792
DURRES PORT FACILITIES		411833N 0192716E	AL	S078219
DURRES PORT FACILITIES DEFENSIVE POSITIONS		411833N 0192716E	AL	S079959
DURRES PORT FACILITIES DEFENSIVE POSITIONS		411833N 0192716E	AL	
KORCE ARMY BARRACKS SOUTH 1		403639N 0204647E	AL	S079151
GORNA MALINA ARMY BARRACKS 1 TWIN PLATE DPL		424234N 0234107E	BU	S079605
GORNA MALINA ARMY BARRACKS 1 TWIN PLATE DPL		424234N 0234107E	BU	
GORNA MALINA ARMY BARRACKS 1 CP EXERCISE		424234N 0234107E	BU	S080242
GORNA MALINA ARMY BARRACKS 1 CP EXERCISE		424234N 0234107E	BU	
KRALJEVO AMMUNITION DEPOT DRAKCICI		434450N 0203507E	YO	S082046
DURRES ARMY BARRACKS 1/6		411733N 0193047E	AL	S080130
TIRANE MILITARY BARRACKS NE 3		412040N 0195020E	AL	S080131
TIRANE ARMY BARRACKS SKANDERBERG 4		412035N 0195009E	AL	S080132
SHKODER ARMY BARRACKS 1		420435N 0193058E	AL	S080133
BAR PORT FACILITIES		420527N 0190519E	YO	S078221

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BERAT ARMY BARRACKS 1		404207N 0195825E	AL	S080205
BILISHT MILITARY BARRACKS 1		403726N 0205921E	AL	S079152
BURREL ARMY BARRACKS 1		413709N 0200032E	AL	S080134
ELBASAN ARMY BARRACKS 1		410647N 0200619E	AL	S080129
TURNOVO RADIO RELAY/TV TRANSMITTER		430600N 0254045E	BU	S079455
TURNOVO RADIO RELAY/TV TRANSMITTER		430600N 0254045E	BU	
KOZLODUY NUCLEAR POWER PLANT CONST ACTIVITY		434435N 0234703E	BU	S078047

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YAMBOL COMMAND CONTROL FACILITY BKR HARD U/I		423040N 0263250E	BU	S078121
RECHITSA COMMAND CONTROL FACIL BKR HARD U/I		423625N 0260920E	BU	
NOVA ZAGORA COMMAND CNTRL XMTR FAC BKR HARD		423303N 0255440E	BU	
GRAF IGNATIEVO AIRFIELD AAM STORAGE POTENTIAL		421732N 0244249E	BU	S078027
SLIVEN AIRFIELD		423851N 0262132E	BU	S081909
SKOPJE AIRFIELD CONSTRUCTION/DEFENSES		415757N 0213713E	YO	S081448
GABROVNITSA AIRFIELD AAM STORAGE POTENTIAL		433240N 0231624E	BU	S078025
TIRANE/RINAS AIRFIELD AAM STORAGE POTENTIAL		412450N 0194315E	AL	S078493
CHESHNEGIROVO AIRFIELD FLOGGER MIG-23 IDENT		420653N 0245940E	BU	S075050
MIFOL AIRFIELD		403631N 0192535E	AL	S081105
TENEVO AIRFIELD AAM STORAGE POTENTIAL		422052N 0263427E	BU	S078093
TOPCHIYSKO RADIO RELAY STATION PROB		424930N 0271900E	BU	S079455
RAVNETS TALL KING AW RADAR FACILITY		422900N 0271701E	BU	S079514
RAVNETS AIRFIELD GCA SITE		423200N 0271600E	BU	
RAVNETS AAM SUPPORT FACILITY		423135N 0271645E	BU	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BALCHIK PORT FACILITIES		432405N 0281010E	BU	S079829
RAVNETS AIRFIELD AAM STORAGE POTENTIAL		423148N 0271551E	BU	S078502
RAVNETS AIRFIELD		423148N 0271551E	BU	S079514
KISLOVODSK RADIO RELAY + RADIO COMMO STATION		435724N 0424130E	UR	S080070
SUKHUMI ACOUSTIC RESEARCH + PROD FACIL PROB		425850N 0405825E	UR	S081731
SUKHUMI PORT FACILITIES		425955N 0410118E	UR	S080940
KUTAISI ARMY BARRACKS SE AL2		421429N 0424300E	UR	S078187
BATUMI AIRFIELD POL STORAGE CAPACITY		413639N 0413602E	UR	S079856
GUDAUTA AIRFIELD AAM STORAGE POTENTIAL		430607N 0403455E	UR	S079072
MAKHARADZE AIRFIELD AAM STORAGE POTENTIAL		415549N 0415149E	UR	S079069
MIKHA TSKHAKAYA AIRFIELD AAM STORAGE PTNTL		421428N 0420303E	UR	S079073
SAMTREDIA AIRFIELD EAST FENCER A SU-19 DPL		421028N 0422846E	UR	S081171
MAKHACHKALA TALL KING AW RADAR FACILITY		425620N 0472620E	UR	S078479
MAKHACHKALA TALL KING AW RADAR FACILITY		425620N 0472620E	UR	S080621
URUS MARTAN RADIO RELAY STATION		430550N 0453520E	UR	S080070
KARABULAKSKAYA RADIO RELAY STATION		431807N 0445300E	UR	
BOGATYREVKA RADIO RELAY STATION		430750N 0472128E	UR	
BAKU AMPHIBIOUS TRAINING AREA EXERCISE		401250N 0493318E	UR	S078109
BAKU AMPHIBIOUS TRAINING AREA EXERCISE		401250N 0493318E	UR	S078104
MAKHACHKALA AW RADAR FACILITY		425630N 0472700E	UR	S080785
RUSTAVI KRUG DF FACILITY		412420N 0450720E	UR	S079842
LYAKI PHASED-ARRAY RADAR FACILITY NEW U/C		405208N 0474913E	UR	S081372
TBILISI AIRFRAME PLT 31 AS-2 SHPG CONT MODIF		413954N 0445259E	UR	S080608

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TBILISI AIRFRAME PLT 31 AS-2 SHPG CONT MODIF		413954N 0445259E	UR	
RUSTAVI CHEMICAL PLANT		413208N 0450318E	UR	S081676
BAKU ARMY BARRACKS SHAUMYAN AL2		402308N 0494911E	UR	S078051
KIROVAKAN ARMY BARRACKS SOUTH AL3		404826N 0442858E	UR	S080532
ORDZHONIKIDZE ARMY BARRACKS SOUTH AL6		430023N 0444046E	UR	S081856
YEREVAN ARMY BARRACKS KANAKER AL6		401321N 0443252E	UR	S080531
TBILISI ARMY BARRACKS NAVTLUG AL3/HQS DIV		414058N 0445038E	UR	S080197
TBILISI PETROLEUM PRODUCTS STGE ORKHEVI U/G		414040N 0445538E	UR	S078349
TBILISI ARMY BARRACKS MTSKHETA AL11		415030N 0444350E	UR	S081661
TBILISI ARMY BARRACKS SE AL21		414135N 0444936E	UR	S080198
GORI ARMY BARRACKS NE AL1		415922N 0440727E	UR	S078682
ECHMIADZIN ARMY BARRACKS SW AL3		400938N 0441724E	UR	S081310
BAKU RADIO RELAY/TV/FM BROADCASTING CENTER		402124N 0494935E	UR	S082081
BAKU RADIO RELAY/TV/FM BROADCASTING CENTER		402124N 0494935E	UR	
KIROVAKAN ARMY BARRACKS SE AL2		404802N 0442955E	UR	S080533
YEREVAN ARMY BARRACKS SOVETASHAN AL4		400530N 0443320E	UR	S081311
ORDZHONIKIDZE ARMY BARRACKS AL4/5		430150N 0444010E	UR	S081663
YEVLAKH PETROLEUM PRODUCTS STORAGE WEST		403844N 0465932E	UR	S078470
RUSTAVI RADIO COMMO XMTR STATION 2 KRUG SUPT		412632N 0450925E	UR	S079842
KAMO RADIO RELAY/RADCOM + AM BDCST XMTR STA		402452N 0451136E	UR	S081679
KAMO RADIO RELAY/RADCOM + AM BDCST XMTR STA		402452N 0451136E	UR	

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ORDZHONIKIDZE ARMY BARRACKS EAST AL9		430229N 0444335E	UR	S081859
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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ORDZHONIKIDZE ARMY BARRACKS TEREK RIVER AL10		425930N 0444105E	UR	S081664
ECHMIADZIN ARMY BARRACKS CENTRAL AL5		401010N 0441740E	UR	S080534
DUSHETI ARMY BARRACKS SE AL1		420502N 0444205E	UR	S079028
RUSTAVI ARMY BARRACKS KECHVELLI AL5		411945N 0451620E	UR	S080199
TBILISI ARMY BARRACKS CENTRAL AL16		414350N 0444700E	UR	S080200
TBILISI ARMY BARRACKS EAST AL19		414145N 0445000E	UR	S080201
TSKHINVALI ARMY BARRACKS NW AL1		421425N 0435705E	UR	S081312
YEREVAN ARMY BARRACKS AL9 + HQ MRD		401500N 0443607E	UR	S081313
GROZNYI RADIO RELAY/TV/FM BROADCASTING CENTER		431400N 0454200E	UR	S080070
GROZNYI RADIO RELAY/TV/FM BROADCASTING CENTER		431400N 0454200E	UR	
NALCHIK TV + FM BROADCASTING CENTER		432750N 0433440E	UR	
ORDZHONIKIDZE TV CENTER		430105N 0444105E	UR	
BAKU RADIO RELAY + TROPOSCATTER STATION		401942N 0494812E	UR	S082081
BAKU ARMY BARRACKS PUTA NORTH AL27		402041N 0493917E	UR	S080535
RUSTAVI RADIO COMMO RCVR STATION 1 KRUG SUPT		412700N 0450900E	UR	S079842
MOZDOK ASM SUPPORT FACILITY AS-3 INCREASE		434638N 0443726E	UR	S079950
TBILISI/SARTICHALA ESV TRACKING FACILITY		414220N 0490940E	UR	S081863
OKTEMBERYAN NUCLEAR POWER PLANT ARMYANSKAYA		401020N 0440900E	UR	S078047
KHASAV YURT RADIO RELAY STATION		431440N 0463555E	UR	S080070
BUYNAKSK ARMY BARRACKS AL3		424850N 0470715E	UR	S081665
KASPIYSK NAVAL R+D FACILITY TORPS/CRTS/CANS		425255N 0473922E	UR	S078263
KASPIYSK NAVAL R+D FACILITY KASP B		425255N 0473922E	UR	S081383
KASPIYSK NAVAL R+D FACILITY KASP B		425255N 0473922E	UR	
KASPIYSK NAVAL R+D FACILITY KASP B		425255N 0473922E	UR	S081370

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KASPIYSK NAVAL R+D FACILITY		425255N 0473922E	UR	S081632
KASPIYSK NAVAL R+D FACIL KASP B TESTING PROB		425255N 0473922E	UR	S081866
KASPIYSK NAVAL R+D FACIL KASP B TESTING PROB		425255N 0473922E	UR	
ORDZHONIKIDZE RADIO RELAY STATION SW		425840N 0443900E	UR	S080070
KHASAV YURT RADIO RELAY STATION EAST		431325N 0464125E	UR	
LUSAVAN RADIO RELAY STATION		402210N 0443940E	UR	S081679
BAKU MILITARY RADIO RELAY + RADIO COMMO STA		402005N 0494755E	UR	S082081
GUDERMES RADIO RELAY STATION		432010N 0460420E	UR	S080070
ARDON RADIO RELAY STATION		431045N 0441625E	UR	
NAZRAN RADIO RELAY STATION		431325N 0444550E	UR	
SAMASHKI RADIO RELAY STATION		431745N 0451800E	UR	
TEREK RADIO RELAY STATION		432928N 0440846E	UR	
BAKSAN RADIO RELAY STATION		434112N 0433102E	UR	
DILIZHAN RADIO RELAY + TV BROADCASTING STA		403930N 0445530E	UR	S081679
DILIZHAN RADIO RELAY + TV BROADCASTING STA		403930N 0445530E	UR	
GROZNY ARMY BARRACKS SOUTH AL14 SHALI		430615N 0454910E	UR	S081666
KASPIYSK RADIO RELAY STATION		425200N 0473830E	UR	S080070
GINDARKH AIRFIELD POL STORAGE SEARCH		400255N 0471300E	UR	S079817
KYURDAMIR AAM SUPPORT FACILITY		401635N 0480935E	UR	S078028
KYURDAMIR AIRFIELD AAM STORAGE POTENTIAL		401635N 0480935E	UR	S079106
MOZDOK AIRFIELD BEAR/AS-3 ACTIVITY INCREASE		434715N 0443600E	UR	S079950
MOZDOK AIRFIELD BEAR/AS-3 ACTIVITY INCREASE		434715N 0443600E	UR	
MOZDOK AIRFIELD		434715N 0443600E	UR	S080467
MOZDOK AIRFIELD BEAR TU-95		434715N 0443600E	UR	S081896
NALCHIK AIRFIELD		433055N 0433822E	UR	S082180
NASOSNY AIRFIELD AAM STORAGE POTENTIAL		403534N 04 3322E	UR	S079113

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ORDZHONIKIDZEVS KAYA AIRFIELD		431920N 0450119E	UR	S082179
TBILISI/VAZIANI AIRFIELD AAM STORAGE PTNTL		413743N 0450152E	UR	S079109
TBILISI/VAZIANI AIRFIELD		413743N 0450152E	UR	S082182
TBILISI/MARNEULI AIRFIELD AAM STORAGE PTNTL		412754N 0444756E	UR	S079114
TELAVI HELIPORT AAM STORAGE POTENTIAL SEARCH		415753N 0453220E	UR	S079108
YEV LAKH AIRFIELD POL STORAGE CAPACITY		403800N 0470818E	UR	S079445
KALINOVSKAYA AIRFIELD		433547N 0453232E	UR	S079808
TSKHINVALI AIRFIELD SOUTH		420713N 0435522E	UR	S079584
TSKHINVALI AIRFIELD SOUTH		420713N 0435522E	UR	S079461
TSKHINVALI HELIPORT HIND A MI-24 IDENT		421130N 0435615E	UR	S079932
SHEVCHENKO NUCLEAR DESALINIZATION PLANT		433613N 0511700E	UR	S078047
KRASNOVODSK PORT COMPLEX CASPIAN SEA		400026N 0530022E	UR	S081652
KRASNOVODSK AIRFIELD		400349N 0530025E	UR	S079116
KRASNOVODSK AIRFIELD AAM STORAGE POTENTIAL		400349N 0530025E	UR	S079111
AYTYM TROPOSCATTER STATION SQUARE SCREEN ANTS		420934N 0633523E	UR	S081081
MURUNTAU GOLD ORE CONCENTRATION PLANT		412830N 0643120E	UR	S078542
MURUNTAU GOLD ORE CONCENTRATION PLANT		412830N 0643120E	UR	S082140
KHODZHEYLI RADIO RELAY + TV RELAY STATION		422359N 0592300E	UR	S080878
KHODZHEYLI RADIO RELAY + TV RELAY STATION		422359N 0592300E	UR	
NUKUS AIRFIELD POL STORAGE CAPACITY		422904N 0593723E	UR	S079854
NAVOI AIRFIELD		400702N 0651117E	UR	S079528
NAVOI AIRFIELD		400702N 0651117E	UR	S079852

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SUGRALY AIRFIELD		413626N 0641352E	UR	S080643
TOKMAK TROPOSCATTER STATION SQUARE SCREEN ANT		403912N 0693536E	UR	S081081
MIN KUSH TROPOSCATTER STATION PROB		414330N 0742930E	UR	S078352
MIN KUSH TROPOSCATTER STA SQUARE SCREEN SRCH		414330N 0742930E	UR	S081081
KARAVAN RADIO RELAY STATION PROB		412622N 0714255E	UR	S079864
ANGREN COAL GASIFICATION SITE U/G		410042N 0700948E	UR	S080660
ANDIZHAN AIRFIELD GCI SITE RADAR NEW SEARCH		404610N 0722410E	UR	S079739
ANDIZHAN AIRFIELD GCA SITE RADAR NEW SEARCH		404330N 0721712E	UR	
TASHKENT KRUG DF FACILITY 2		410704N 0692409E	UR	S081554
TASHKENT KRUG DF FACILITY 1		411924N 0692546E	UR	
TASHKENT AIRFRAME PLANT B CHKALOV 84 CONST		411802N 0691904E	UR	S080116
TASHKENT AIRFRAME PLT B CKHALOV CANDID IL-76		411802N 0691904E	UR	S080062
TASHKENT AIRFRAME PLANT A CHKALOV 84 CONST		411945N 0691609E	UR	S079966
TASHKENT RADIO COMMO RCVR STA KRUG SUPT POSS		412130N 0692550E	UR	S079476
FRUNZE ARMY BARRACKS AL4		425350N 0743415E	UR	S078683
URTASARAY RADIO COMMO XMTR WNW KRUG SUPT POSS		410850N 0692120E	UR	S079476
FRUNZE ARMY BKS AL7 COMMO EXERCISE TERMINATED		425315N 0743120E	UR	S075493
FRUNZE ARMY BKS AL7 COMMO EXERCISE TERMINATED		425315N 0743120E	UR	
FRUNZE ARMY BARRACKS AL7 TWIN PLATE EXERCISE		425315N 0743120E	UR	S079235
FRUNZE ARMY BARRACKS AL7 TWIN PLATE EXERCISE		425315N 0743120E	UR	
KHAVAST PETROLEUM PRODUCTS STGE RESERVE U/G		401317N 0685200E	UR	S078029
CHIRCHIK ARMY BARRACKS AL10		413314N 0693704E	UR	S080638
SOVETSKIY TROPO/RADIO RELAY STA SQUARE SCREEN		401015N 0711840E	UR	S081081
DZHANGYPAKHTA NAVAL RADIO COMMO RCVR STA BKR		430448N 0741012E	UR	S078527

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ANDIZHAN AIRFIELD AAM STORAGE POTENTIAL		404336N 0721728E	UR	S079076
CHIMKENT AIRFIELD AAM STORAGE POTENTIAL		422155N 0692825E	UR	S079128
CHIMKENT AIRFIELD CANDID IL-76		422155N 0692825E	UR	S081728
DZHALAL ABAD AIRFIELD		405646N 0725833E	UR	S079074
TASHKENT AIRFIELD CANDID IL-76 MODIFIED IDENT		411848N 06 2330E	UR	S081441
TASHKENT AIRFIELD CANDID IL-76 MODIFIED		411848N 0692330E	UR	S081779
CHIRCHIK AIRFIELD AAM STORAGE POTENTIAL		413040N 0693433E	UR	S079127
LUGOVOYE AIRFIELD AAM STORAGE POTENTIAL		425812N 0724346E	UR	S079160
CHARDARA AIRFIELD		411600N 0675855E	UR	S080644
KARAVAN AIRFIELD POL STORAGE CAPACITY		412829N 0714349E	UR	S081784
DYURBEL DZHIN AIRFIELD		411600N 0745600E	UR	S080645
PAKHTAKOR AIRFIELD		401500N 0675430E	UR	S080666
ALMA ATA SCIENCE ACADEMY CIVIL DEFENSE BUNKER		431418N 0765707E	UR	S079305
ALMA ATA SCIENCE ACADEMY CIVIL DEFENSE BUNKER		431418N 0765707E	UR	
ALMA ATA COMSAT STATION		432943N 0764115E	UR	S082057
OTAR ARMY BARRACKS EAST AL5 HEAVY ARTY BRGD		432009N 0760137E	UR	S080309
OTAR ARMY BARRACKS NORTH AL1 BMP M-1975		433438N 0751258E	UR	S079939
OTAR ARMY BARRACKS NORTH AL1/HQ MRD ARTY BRGD		433438N 0751258E	UR	S080309
RYBACHYE ARMY BARRACKS AL1/TRAINING AREA TA1		422820N 0761200E	UR	S078908
RYBACHYE ARMY BARRACKS AL1/TRAINING AREA TA1		422820N 0761200E	UR	
OTAR ARMY BARRACKS NE ROSLAVLSKIY AL3		433450N 0751640E	UR	S078909
NIKOLAYEVKA CIVIL FACILITY BUNKERED U/I		434045N 0770655E	UR	S079441
OTAR MILITARY STGE DPO DE1 NZHM-56 EQUIP SRCH		433219N 0751332E	UR	S081121

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
[Redacted]	ALMA ATA/ZAKIROVSKIY AIRFIELD POL STGE CPCTY	[Redacted]	432638N 0770311E	UR	S081510
	ILIYSK AIRFIELD SOUTH 4-BAY BUILDINGS U/C		434346N 0770712E	UR	S079708
	CHUNDZHA AIRFIELD		433520N 0792540E	UR	S081698
	ILIYSK AIRFIELD NORTH		435940N 0770818E	UR	S081904
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
WULUMUCHI RADIO COMMUNICATIONS STATION 2		434343N 0872751E	CH	S081458
HALAKASSUTE SSM/SPACE TRACKING FACILITY		404521N 0871327E	CH	S079665
WULUMUCHI COMSAT STATION DOMESTIC PROB		432538N 0872126E	CH	S078146
WULUMUCHI COMSAT STATION DOMESTIC PROB		432538N 0872126E	CH	S079665
WUSHIHTALA AIRFIELD		421050N 0871110E	CH	S080181
WUSHIHTALA AIRFIELD VIP ARRIVAL		421050N 0871110E	CH	S081425
YAERHTANG AIRFIELD		404142N 0890428E	CH	S080181
CHANGCHI AIRFIELD AIR DEFENSE EXERCISE LARGE		435705N 0870447E	CH	S081153
LIUCHINGKOU SSM COMPLEX COMMAND POST BUNKERED		380900N 1001055E	CH	S079893
TELINGHA SSM SITE 1 NEW U/C		373358N 0964952E	CH	S080251
TELINGHA MILITARY STORAGE AREA		372647N 0971537E	CH	S081001
TELINGHA PETROLEUM PRODUCTS STORAGE AREA POSS		372943N 0970326E	CH	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TELINGHA SSM SITE 2 NEW U/C		372940N 0972056E	CH	S080251
TELINGHA MILITARY STORAGE AREA NORTH		372944N 0971433E	CH	S081001
TATUNG CEMENT PLANT TSINGHAI		370220N 1013450E	CH	S081708
TATUNG COMSAT STATION DOMESTIC PROB		370710N 1013210E	CH	S078146
TATUNG COMSAT STATION DOMESTIC PROB		370710N 1013210E	CH	S079665
LIUCHINGKOU SSM SITE 4 RAIL-SERVED ADITS		381348N 1001559E	CH	S081001
TELINGHA MILITARY STORAGE AREA NW		373358N 0964952E	CH	
TELINGHA MILITARY STORAGE AREA NNE		372940N 0972056E	CH	
LIUCHINGKOU SSM COMPLEX		380835N 1000625E	CH	S079170
MINFENG MISSILE IMPACT AREA CRATERS		365005N 0825910E	CH	S081086
SULO RADIO COMMUNICATIONS XMTR STATION EAST		392315N 0761430E	CH	S079665
SULO SSM/SPACE TRACKING FACILITY		392340N 0761220E	CH	
AVCHI RADIO RELAY/TROPO STA SQUARE SCREEN ANT		392836N 0690014E	UR	S081081
DUSHANBE TROPO/RADIO RELAY STA SQUARE SCREEN		384355N 0684450E	UR	
DZHARKURGAN TV/TROPO/RADCOM STA SQUARE SCREEN		373045N 0671800E	UR	
DZHARKURGAN TV/TROPO/RADCOM STA SQUARE SCREEN		373045N 0671800E	UR	
FAKHRABAD TROPO/RADIO RELAY STA SQUARE SCREEN		381832N 0683935E	UR	
KOKAYTY AIRFIELD AAM STORAGE POTENTIAL		373725N 0673102E	UR	S079070
DUSTI AIRFIELD		372218N 0684112E	UR	S078490
OBI KIIK AIRFIELD		381658N 0684037E	UR	S078488
SARY ASSIYA AIRFIELD		382410N 0675644E	UR	S081905
KISHYLK TROPO/RDO RELAY STA SQUARE SCREEN ANT		391742N 0665442E	UR	S081081
TAKHTA BAZAR ARMY BARRACKS WEST AL1		360330N 0624300E	UR	S080202
TEDZHEN ARMY BARRACKS AL1/TRAINING AREA TA2		372103N 0603159E	UR	S080203
TEDZHEN ARMY BARRACKS AL1/TRAINING AREA TA2		372103N 0603159E	UR	
CHARDZHOU ARMY BARRACKS AL6		390525N 0633600E	UR	S079507

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
DERBENT TROPO/RDO RELAY STA SQUARE SCREEN ANT		381321N 0665659E	UR	S081081
CHARDZHOU AIRFIELD POL STORAGE SEARCH		390535N 0633635E	UR	S079814
MARY AIRFIELD NE AAM STORAGE POTENTIAL		373710N 0615341E	UR	S079161
KARSHI/KHANABAD AIRFIELD AAM STORAGE PTNTL		385003N 0655518E	UR	S079068
MARY AIRFIELD NORTH AAM STORAGE POTENTIAL		373955N 0614938E	UR	S079159
KARSHI AIRFIELD SOUTH		384822N 0654615E	UR	S081700
MAYMANAK AIRFIELD		390819N 0650955E	UR	S080642
MAYMANAK AIRFIELD POL STORAGE CAPACITY		390819N 0650955E	UR	S081107
NEBIT DAG ARMY BARRACKS AL1		392958N 0542301E	UR	S080204
ASHKHABAD ESV TRACKING FACILITY		375337N 0582239E	UR	S081863
KIZYL ARVAT ARMY BARRACKS AL5		385705N 0561738E	UR	S079508
ASHKHABAD/BEZMEIN AIRFIELD AAM STORAGE PTNTL		380050N 0581138E	UR	S079306
ASHKHABAD/BEZMEIN AIRFIELD BLAST DOORS SEARCH		380050N 0581138E	UR	S080620
NEBIT DAG AIRFIELD AAM STORAGE POTENTIAL		392854N 0542148E	UR	S079295
NEBIT DAG AIRFIELD FLAGON C SU-15		392854N 0542148E	UR	S081272
DZHEBEL AIRFIELD POL STORAGE CAPACITY		394052N 0541223E	UR	S079870
GYUARS AIRFIELD		375110N 0584800E	UR	S078491
KELYATA AIRFIELD		381540N 0574350E	UR	S078489
LENKORAN ARMY BARRACKS AL1		384515N 0485125E	UR	S080536
BANK ARMY BARRACKS AL1		392456N 0491536E	UR	S081314
ALYAT PRISTAN PETROLEUM PROD STGE U/G SOUTH		395625N 0492317E	UR	S078218
LENKORAN ARMY BARRACKS AL2		384455N 0485135E	UR	S078681

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENKORAN ARMY BARRACKS SE AL3		384525N 0485143E	UR	S078680
LENKORAN ARMY BARRACKS NORTH AL4		384620N 0485039E	UR	S080537
LENKORAN ARMY BARRACKS NNW AL5		384605N 0485115E	UR	S080538
PORT ILICH ARMY BARRACKS SSE AL1		385206N 0484847E	UR	S078677
PRISHIB ARMY BARRACKS WSW AL2		390640N 0483415E	UR	S078679
ALYAT PRISTAN RADIO RELAY STATION		395500N 0492440E	UR	S082081
ALYAT PRISTAN RADIO RELAY STATION		395635N 0492410E	UR	
DZHERMUK AIRFIELD		394856N 0453953E	UR	S082181
ZOD ARARAT GOLD PLANT		395030N 0444420E	UR	S078542
ZOD ARARAT GOLD PLANT		395030N 0444420E	UR	S082140
NAKHICHEVAN ARMY BARRACKS NORTH AL1/SAM SUPT		391324N 0452430E	UR	S079221
NAKHICHEVAN ARMY BARRACKS NORTH AL1/SAM SUPT		391324N 0452430E	UR	
DZHULFA ARMY BARRACKS NORTH AL1		385745N 0453725E	UR	S079029
NAKHICHEVAN ARMY BARRACKS AL4		391119N 0452405E	UR	S079030
NAKHICHEVAN ARMY BARRACKS AL5		391110N 0452655E	UR	S079031
KYVRAKH ARMY BARRACKS AL1		392353N 0450659E	UR	S078678
KAMISHLY AIRFIELD		370136N 0411151E	SY	S078593
MINAKH AIRFIELD UPGRADING		363125N 0370216E	SY	S081208
BIZERTE PORT FACILS SHANGHAI-2 CL PGM IDENT		371608N 0095224E	TS	S079942
BLIDA MILITARY STGE DPO 3 M-1974 SP-GUN IDENT		362825N 0024807E	AG	S081504
PYONGYANG AIR DEFENSE COMMAND CENTER		390030N 1254858E	KN	S080513
CHO DO OFFSHORE OIL DRILLING PLATFORM 1 U/C		383319N 1243118E	KN	S081683

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
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HWANG CHON MOTOR VEHICLE PLANT		391310N 1254950E	KN	S078535
TAEJON EXPLOSIVES TESTING AREA		362439N 1271923E	KS	S081752
KANDONG AMMUNITION LOADING PLANT		390625N 1260755E	KN	S079339
NAMPO SHIPYARD CHONGJU CLASS PTFS MODIFIED		384305N 1252351E	KN	S080693
HAMHUNG EXPLOSIVES PLANT 17 HUNGNAM		394905N 1273520E	KN	S079339
KOSONG UP NAVAL BASE		384414N 1281135E	KN	S080095
HAMHUNG MACHINERY PLANT YONGSONG		394908N 1273558E	KN	S079338
HAMHUNG MACHINERY PLANT YONGSONG SP ARTY PROD		394908N 1273558E	KN	S081769
HAEJU RAILROAD STATION CLF YARDS + SHOPS		380154N 1254415E	KN	S080587
YANGJIMAL ARMY BKS/TRNG AREA/HQ M-1974 SP GUN		382640N 1280707E	KN	S080756
YANGJIMAL ARMY BKS/TRNG AREA/HQ M-1974 SP GUN		382640N 1280707E	KN	
TOKCHON MOTOR VEHICLE PLANT PUG		394503N 1261814E	KN	S078535
PYONGYANG RADIO COMMO RCVR INTL VLF CPBL SRCH		390343N 1255345E	KN	S079492

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YANGHAP TONG ARMY BKS/STGE NE ARTY EXER PROB		380946N 1263537E	KN	S075048
YANGHAP TONG ARMY BKS/STGE NE ARTY EXER PROB		380946N 1263537E	KN	
YANGHAP TONG ARMY BKS/STGE NE ARTY EXER PROB		380946N 1263537E	KN	
SAINJANG MOTOR VEHICLE PLANT		391630N 1255130E	KN	S078535
SUNWI DO NAVAL FACILITY PUG		374610N 1252018E	KN	S080096
PYONGYANG AIRFIELD EAST		390050N 1255046E	KN	S079639

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ONGJIN AIRFIELD		375550N 1252518E	KN	S080589
NAMSI AIRFIELD HOUND MI-4 WINGS/STORES		395530N 1251230E	KN	S080790
NAMSI AIRFIELD HOUND MI-4 ASSAULT FORCE		395530N 1251230E	KN	S080886
HAEJU AIRFIELD NE		380740N 1255110E	KN	S080588
PEICHING ELECTRONICS FACILITY U/I		395450N 1163540E	CH	S079665
HSIEHKOCHUANG CHEMICAL FTLZR PLANT EARTHQUAKE		391612N 1182750E	CH	S078550
TZUPO COMSAT STATION DOMESTIC PROB		362355N 1173140E	CH	S078146
TZUPO COMSAT STATION PROB		362355N 1173140E	CH	S079665
YENTAI TROPOSCATTER STATION		373227N 1212429E	CH	S081041
ITU SSM TRAINING SCHOOL RADCOM STA BKR HARD		363535N 1181940E	CH	S079893
LUSHUN TROPOSCATTER STATION		384835N 1211511E	CH	S081041
LUSHUN RADIO COMMUNICATIONS STA SW BKR HARD		384528N 1210954E	CH	S079893
HSIAOPINGTAO NAVAL SUPT FAC SLBM POP-UP STAND		385240N 1212930E	CH	S081867
HSIAOPINGTAO NAVAL SUPT FAC SLBM POP-UP STAND		385240N 1212930E	CH	
SHIHHO RADIO STATION BUNKER HARD		392045N 1215315E	CH	S079893
WUCHING OPTICAL TRACKING STATION		392200N 1170450E	CH	S079659
CHIANGKOCHUANG MISSILE HANDLING FACILITY PROB		360722N 1203550E	CH	S081036
FENGJUN LOCOMOTIVE REPAIR PLT EARTHQUAKE DMG		394910N 1180800E	CH	S078550
LIYUANCHEN THERMAL POWER PLANT EARTHQUAKE DMG		394615N 1181640E	CH	
LIYUANCHEN THERMAL POWER PLANT RECONSTRUCTION		394615N 1181640E	CH	S079016
WANGCHUCHUANG PETROCHEMICAL PLANT		364425N 1181450E	CH	S078422
YANGLIUCHING PETROCHEMICAL PLANT		390530N 1170200E	CH	
HANKU CHEMICAL PLANT SOUTH EARTHQUAKE DAMAGE		391300N 1174650E	CH	S078550
HANKU CHEMICAL PLANT 2 EARTHQUAKE DAMAGE		391500N 1174700E	CH	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TANGSHAN COKE BYPRODUCTS PLANT EARTHQUAKE DMG		394000N 1181240E	CH	
NINGHO NITROGEN FTLZR PLANT 2 EARTHQUAKE DMG		391845N 1175015E	CH	
NINGHO NITROGEN FERTILIZER PLT EARTHQUAKE DMG		391920N 1174950E	CH	
TANGSHAN CERAMICS PLANT EARTHQUAKE DAMAGE		393946N 1181226E	CH	
TANGSHAN MOTOR VEHICLE PLANT EARTHQUAKE DMG		394230N 1181750E	CH	
TUCHENGTZU CEMENT PLANT		385600N 1211600E	CH	S081708
SANSHIHLIPAO CEMENT PLANT		390050N 1213455E	CH	
PEICHING/NANYUAN AIRFIELD AW RADAR FACILITY		394650N 1162250E	CH	S080274
CHINAN AW RADAR FACILITY CROSS LEGS DEPLOYED		364212N 1165735E	CH	S079416
CHIHSHIA AW RADAR FACILITY RADARS		371330N 1204425E	CH	S080778
CHINAN AW RADAR FACILITY SOUTH		363410N 1170025E	CH	S079416
YENTAI PORT FACILITIES GRAIN HANDLING FACILS		373259N 1212322E	CH	S081772
TANGSHAN IRON + STEEL PLANT EARTHQUAKE DAMAGE		393852N 1181223E	CH	S078550
HANKU CHEMICAL PLANT TIENCHING EARTHQUAKE DMG		391334N 1174729E	CH	
TANGSHAN HEAT + THERMAL POWER PLT EARTHQUAKE		393851N 1181154E	CH	
TANGSHAN HEAT + THERMAL POWER PLANT RECONST		393851N 1181154E	CH	S079016
LUTA SHIPYARD DAIREN AO/AOR CLASS NEW		385559N 1213816E	CH	S078257
LUTA SHIPYARD DAIREN		385559N 1213816E	CH	S080540
LUTA SHIPYARD DAIREN DESTROYER/FRIGATE U/C		385559N 1213816E	CH	S081348
LUTA SHIPYARD DAIREN SLBM POP-UP PLATFORM		385559N 1213816E	CH	S081349
LUTA SHIPYARD DAIREN SLBM POP-UP PLATFORM		385559N 1213816E	CH	
TANGSHAN RAILROAD EQUIP MFG EARTHQUAKE DAMAGE		393615N 1181056E	CH	S078550
PEICHING LOCOMOTIVE PLANT EARTHQUAKE DAMAGE		394919N 1161126E	CH	
CHINGTAO PORT FACILITIES GRAIN HDLG FACILS		360513N 1201906E	CH	S081772
TANGKU PORT FACILS HSINCHIANG GRAIN HDLG FACS		385904N 1174408E	CH	
CHINHUANGTAO PORT FACILITIES GRAIN HDLG FACS		395433N 1193616E	CH	
LUTA PORT FACILITIES GRAIN HANDLING FACILS		385558N 1213920E	CH	
CHINGTAO NAVAL BASE		360601N 1201901E	CH	S080124

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PEICHING RADIO + TV BROADCAST CTR ANT MSRMTS		395405N 1162057E	CH	S079355
PEICHING RADIO + TV BROADCAST CTR ANT MSRMTS		395405N 1162057E	CH	
PEICHING TELECOMMUNICATIONS CENTER ANT MSRMTS		395415N 1162232E	CH	
WUCHING ARMY BKS + HQ INF DIV ACT INCREASE		392126N 1170422E	CH	S078997
WUCHING ARMY BARRACKS AL1 + HQ INFANTRY DIV		392126N 1170422E	CH	S081597
TANGSHAN CEMENT PLANT CHIHSIEN EARTHQUAKE DMG		393747N 1181200E	CH	S078550
KOKU ARMY BARRACKS WNW AL1		385954N 1172725E	CH	S081611
YINGCHENG TZU MILITARY TRAINING AREA AAA EXER		390055N 1212500E	CH	S081490
PEICHING GUIDED MISSILE DPC CHANGHSINTIEN		394849N 1160805E	CH	S079484
PEICHING GUIDED MISSILE DPC CHANGHSINTIEN		394849N 1160805E	CH	S080814
CHIUFENGCHUN ARMY BARRACKS AL1		394901N 1182303E	CH	S081602
CHINGTAO SUBMARINE BASE		360545N 1201839E	CH	S080125
CHAOKOCHUANG ARMY BARRACKS AL1 + HQ INF DIV		394631N 1182504E	CH	S081599
CHANGHSINTIEN ARMY BKS AL2 ASLT BRG TANK-LNCH		395117N 1160948E	CH	S080031
CHANGHSINTIEN ARMORED VEHICLE DEV PLANT 618		394900N 1161025E	CH	S079901
CHANGHSINTIEN ARMORED VEHICLE DEV PLANT 618		394900N 1161025E	CH	S081391
TANGKUANTUN ARMY BARRACKS SW AL1		384034N 1165121E	CH	S081610
TUNGHSIEN ARMY BARRACKS NORTH AL2		395849N 1164106E	CH	S081604
TIENCHING ARMY BARRACKS AL1 + HQ INFANTRY DIV		390854N 1171454E	CH	S081607
YANGLIUCHING ARMY BARRACKS SE AL2 + HQ		390706N 1170022E	CH	S081595
YANGLIUCHING ARMY BARRACKS SOUTH AL3		390538N 1170028E	CH	S081594
PEICHING GUIDED MISSILE PLANT NANYUAN		394748N 1162358E	CH	S078188
PEICHING GUIDED MISSILE PLANT SLBM TUBE POSS		394748N 1162358E	CH	S079332

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PEICHING GUIDED MISSILE PLT PRPLNT TANKS POSS		394748N 1162358E	CH	S079345
HSIAOPINGTAO SUBMARINE BASE		384903N 1212937E	CH	S079211
HSIAOPINGTAO SUBMARINE BASE SLBM TUBE PROB		384903N 1212937E	CH	S079332
HSIAOPINGTAO SUBMARINE BASE		384903N 1212937E	CH	S081036
TANGKU ARMY BARRACKS WEST AL2		390130N 1173550E	CH	S081600
PEICHING ELECTRONICS R+D FACILITY RADCOM RCVR		395744N 1162304E	CH	S079665
PEICHING ELECTRONICS R+D FACILITY RADCOM RCVR		395744N 1162304E	CH	
TANGKU PORT FACILITIES HAIHO GRAIN HDLG FACS		385950N 1174018E	CH	S081772
PEICHING ELECTRONICS R+D FACILITY SUSP		394715N 1160920E	CH	S081254
TANGSHAN PORCELAIN PLANT EARTHQUAKE DAMAGE		393741N 1181140E	CH	S078550
ITU SSM TRAINING POSITION CSS-3 IDENT		363604N 1182842E	CH	S079718
ITU SSM TRAINING POSITION		363604N 1182842E	CH	S080370
ITU SSM TRAINING POSITION SERVICE TOWER		363604N 1182842E	CH	S080388
ITU SSM TRAINING POSITION		363604N 1182842E	CH	S080777
ITU SSM TRAINING POSITION		363604N 1182842E	CH	S080403
ITU SSM TRAINING POSITION		363604N 1182842E	CH	S081096
TANGSHAN CERAMICS PLANT 1 EARTHQUAKE DAMAGE		394048N 1181320E	CH	S078550
TANGSHAN CERAMICS PLANT 4 EARTHQUAKE DAMAGE		393827N 1181213E	CH	
TANGSHAN PORCELAIN PLANT 1 EARTHQUAKE DAMAGE		394148N 1181439E	CH	
LAIYANG SSM/SPACE TRACKING FACILITY		370311N 1204642E	CH	S079665
CHINHSIEN SSM FIELD POSITION		390522N 1214634E	CH	S080379
CHINAN SPACE TRACKING FACIL COMSAT STA PROB		362720N 1170840E	CH	S078146
CHINAN SPACE TRACKING FACILITY		362720N 1170840E	CH	S079665

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
CHAOKOCHUANG MILITARY TRAINING AREA		394730N 1182520E	CH	S081605
KUANERHCHUANG ARMY BARRACKS AL1		390845N 1172340E	CH	S081608
WANGWENCHUANG ARMY BARRACKS AL1		3850 N 1171830E	CH	S081609
WUCHING MILITARY AREA 1		3923 N 11703 E	CH	S081596
CHAOKOCHUANG MILITARY AREA 1		3945 N 11824 E	CH	S081598
CHINHUANGTAO ARMY BARRACKS AL2		395730N 1193533E	CH	S081603
YANGLIUCHING MILITARY AREA 1		3908 N 11659 E	CH	S081593
TIENCHING MILITARY AREA 1		3908 N 11712 E	CH	S081606
CHINGTAO NAVAL FACILITIES APPROACHES		3604 N 12018 E	CH	S080123
LUTA NAVAL FACILITIES APPROACHES		3855 N 12137 E	CH	S080539
WUCHING AIRFIELD OPTICAL SHELTERS NEW SEARCH		392217N 1170524E	CH	S078528
KUCHENG AIRFIELD FISHBED F-7 COUNT		372918N 1160649E	CH	S080782
WENTENG AIRFIELD NAN YUAN A RADAR		371103N 1221340E	CH	S081534
TANGSHAN EARTHQUAKE REPAIR/RECONSTRUCTION ACT		393708N 1181146E	CH	S080627
TANGSHAN EARTHQUAKE EFFECTS + RECOVERY		393708N 1181146E	CH	S081250
TANGSHAN RECONSTRUCTION POST-EARTHQUAKE		393708N 1181146E	CH	S081683
TIENCHING EARTHQUAKE REPAIR/RECONST ACTIVITY		390730N 1171155E	CH	S080627
ANYANG IRON PLANT SHUIYEH 2		360830N 1140552E	CH	S081140
WUCHAI MTC SSM TRACKING FACILITY 5		383040N 1105530E	CH	S080324
WUCHAI MTC SSM TRACKING FACILITY 2		390605N 1113010E	CH	
WUCHAI MTC SSM TRACKING FACILITY 3		385140N 1114300E	CH	
WUCHAI MTC SSM TRACKING FACILITY 6		382740N 1111300E	CH	S079662
WUCHAI MTC SSM TRACKING FACILITY 6		382740N 1111300E	CH	S080324

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
WUCHAI MTC SSM TRACKING FACILITY 7		380900N 1111000E	CH	S079662
WUCHAI MTC SSM TRACKING FACILITY 7		380900N 1111000E	CH	S080324
LINHSIEN IRON PLANT		360810N 1135040E	CH	S081140
HSINHSIEN AIRFIELD RADIO COMMO STA BKR HARD		383742N 1125900E	CH	S079893
HSINHSIEN COMSAT STATION WEST DOMESTIC PROB		382557N 1122745E	CH	S078146
HSINHSIEN COMSAT STATION WEST		382557N 1122745E	CH	S079665
LINGCHIU AIRFIELD RADIO COMMO STA BUNKER HARD		392528N 1141157E	CH	S079893
TUNGUNHO ARMY BARRACKS NORTH AL1		383750N 1151602E	CH	S078890
TINGHSIEN ARMY BARRACKS NORTH AL2		383300N 1145945E	CH	S078893
PAOTING ARMY BARRACKS NNE AL14		385315N 1153120E	CH	S078866
WANGTU ARMY BARRACKS EAST AL6		384225N 1150955E	CH	S078889
TUNGKOU ARMY BARRACKS AL1		384755N 1154400E	CH	S078881
HSINHSIEN COMSAT STATION DOMESTIC PROB		383055N 1123238E	CH	S078146
HSINHSIEN COMSAT STATION DOMESTIC PROB		383050N 1123238E	CH	S079665
WUCHAI MTC SSM TRACKING FACILITY 1		392326N 1111143E	CH	S080324
YUCHUNG IRON PLANT		360920N 1140420E	CH	S081140
ANYANG IRON PLANT SHUIYEH 3		360810N 1140610E	CH	
WUCHAI MTC SSM TRACKING FACILITY 4		384700N 1114500E	CH	S080324
WUCHAI MTC SSM TRACKING FACILITY 4 INSTR		384700N 1114500E	CH	S082083
ANYANG IRON + STEEL PLANT		360659N 1141708E	CH	S081140
LIKCHUANG ARMY BARRACKS AL1/HQ INFANTRY DIV		392134N 1154941E	CH	S078872
SUNGLINGTIEN ARMY BARRACKS AL1		392359N 1155236E	CH	S078874

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TAIYUAN EXPLOSIVES + SOLID MOTOR PROD PLT 245		375920N 1123211E	CH	S080273
TAIYUAN EXPLOSIVES + SOLID MOTOR PROD PLT 245		375920N 1123211E	CH	
TAIYUAN EXPLOSIVES + SOLID MOTOR PROD PLT 245		375920N 1123211E	CH	S081036
TAIYUAN EXPLOSIVES + SOLID MOTOR PROD PLT 245		375920N 1123211E	CH	
TINGHSING ARMY BARRACKS AL1		391226N 1154158E	CH	S078875
KUCHENG ARMY BARRACKS AL1		390656N 1154206E	CH	S078882
CHANGCHIACHUANG ARMY BARRACKS AL2		392205N 1153250E	CH	S078876
PAOTING ARMY BARRACKS AL3 + HEADQUARTERS		385237N 1153019E	CH	S078865
PAOTING ARMY BARRACKS WEST AL2		385114N 1152311E	CH	S078883
WANGTU ARMY BARRACKS AL1		384419N 1151009E	CH	S078894
WANGTU ARMY BARRACKS AL3		384736N 1151542E	CH	S078891
WANGTU ARMY BARRACKS AL5		383821N 1150207E	CH	S078892
WANGTU ARMY BARRACKS AL4 + HQ INFANTRY DIV		384817N 1151903E	CH	S078888
MANCHENG ARMY BARRACKS AL5		385740N 1151400E	CH	S078885
TINGHSING ARMY BARRACKS AL2		391246N 1154400E	CH	S078877
ANYANG IRON PLANT SHUIYEH		360838N 1140718E	CH	S081140
LAISHUI ARMY BARRACKS WNW AL1		392430N 1153750E	CH	S078873
LIKOCHUANG MILITARY AREA 1		3921 N 11548 E	CH	S078871
TAIYUAN WEAPONS TEST FACILITY		380606N 1124351E	CH	S079901
KUCHENG ARMOR TRAINING AREA		391220N 1152930E	CH	S078878
MANCHENG ARMY BARRACKS AL2		385940N 1151743E	CH	S078869
TANGHSIEN ARMY BARRACKS AL1 + TRAINING AREA		384620N 1150000E	CH	S078895
TANGHSIEN ARMY BARRACKS AL1 + TRAINING AREA		384620N 1150000E	CH	

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PAOTING ARMY BARRACKS AL5	384819N 1152212E	CH	S078870
WUCHAI MTC IRBM SITE A FACILITY U/I	384952N 1113618E	CH	S078293
WUCHAI MTC IRBM SITE A TRAILER/TRANS U/I	384952N 1113618E	CH	S081321
WUCHAI MTC IRBM SITE A CSS-2 EXERCISE	384952N 1113618E	CH	S081486
WUCHAI MTC IRBM SITE A CSS-2 LAUNCH POSS	384952N 1113618E	CH	S081742
WUCHAI MTC IRBM SITE A CSS-2 LAUNCH PREP	384952N 1113618E	CH	S081432
FANGSHAN PETROLEUM REFINERY/CHEMICAL INDUSTRY	394447N 1155547E	CH	S078422
FANGSHAN PETROLEUM REFINERY/CHEMICAL INDUSTRY	394447N 1155547E	CH	
SHIHCHIACHUANG METAL FAB PLT 3 MIL/ELCT RLTD	380109N 1143002E	CH	S080611
SHIHCHIACHUANG METAL FAB PLT 3 MIL/ELCT RLTD	380109N 1143002E	CH	
SHIHCHIACHUANG METAL FAB PLT 3 MIL/ELCT RLTD	380109N 1143002E	CH	
WUCHAI MTC ICBM SITE B INSTRUMENTATION FACILS	385255N 1113527E	CH	S079986
PAOTING ARMY BARRACKS AL9	384750N 1152833E	CH	S078884
FANGSHAN/SHANHAIKUAN CRUDE OIL PIPELINE	393905N 1155807E	CH	S079622
PAOTING MILITARY AREA 1	3852 N 11529 E	CH	S078864
WANGTU MILITARY AREA 1	3843 N 11539 E	CH	S078887
YUANPING COMSAT STATION DOMESTIC PROB	384024N 1123616E	CH	S078146
YUANPING COMSAT STATION DOMESTIC PROB	384024N 1123616E	CH	S079665
CHANTAOTSUN SPACE TRACKING FACILITY	393445N 1143226E	CH	
PAOTING ARMY BARRACKS SSW AL12	385155N 1155345E	CH	S078867
HSUSHUI MILITARY AREA 1	3901 N 11539 E	CH	S078879
HSINHSIEN ORDNANCE TEST FACILITY	381849N 1124419E	CH	S079901
HSUSHUI ARMY BARRACKS AL1 + HQ INFANTRY DIV	390055N 1153905E	CH	S078880
TUANTSUN ARMY BARRACKS AL1 + PONTOON BRG REGT	385232N 1155710E	CH	S078868

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TOP SECRET CHESS RUFF

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WUCHAI MTC SITE D		385044N 1113649E	CH	S078292
WUCHAI MTC SITE D		385044N 1113649E	CH	S078606
WUCHAI MTC SITE D SERVICE TOWER U/C		385044N 1113649E	CH	S080757
MANCHENG ARMOR TRAINING AREA		385520N 1151445E	CH	S078886
WUCHAI MTC		384950N 1113620E	CH	S078058
WUCHAI MTC		384950N 1113620E	CH	S078642
WUCHAI MTC		384950N 1113620E	CH	S078591
WUCHAI MTC CSS-X-4 1ST/2ND STAGE TRANSPORTERS		384950N 1113620E	CH	S079233
WUCHAI MTC RADAR O/B		384950N 1113620E	CH	S079619
WUCHAI MTC		384950N 1113620E	CH	S080795
WUCHAI MTC CRATES MSL ASSOC/TLR SLBM ASSOC		384950N 1113620E	CH	S081163
WUCHAI MTC FLATBED TRAILER SLBM ASSOC IDENT		384950N 1113620E	CH	S080928
WUCHAI MTC SLBM CAN/LNCH TUBE/CSS-2 LNCH PREP		384950N 1113620E	CH	S081729
WUCHAI MTC SLBM CAN/LNCH TUBE/CSS-2 LNCH PREP		384950N 1113620E	CH	
WUCHAI MTC		384950N 1113620E	CH	S081339
WUCHAI MTC		384950N 1113620E	CH	S081036
WEICHOU GRID PATTERN U/I CW TESTING POSS		372316N 1060647E	CH	S079901
WEICHOU GRID PATTERN U/I CW TESTING		372316N 1060647E	CH	S080186
SHUANGTA SSM FIELD PSTN 2 CSS-1 EQUIP IDENT		373603N 1024809E	CH	S079925
SHUANGTA SSM FIELD POSITION 2		373603N 1024809E	CH	S081630
SHUANGTA SSM FIELD POSITION 3 IDENTIFICATION		373758N 1024508E	CH	S079224
SHUANGTA SSM FIELD POSITION 3		373758N 1024508E	CH	S081630

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
SHUANGTA SSM FIELD POSITION 4 IDENTIFICATION		373937N 1024336E	CH	S079224
SHUANGTA SSM FIELD POSITION 4		373937N 1024336E	CH	S081630
TIENSHUI CEMENT PLANT		370830N 1064658E	CH	S081708
LANCHOU PETROCHEMICAL PLANT		360745N 1033627E	CH	S078422
LANCHOU PETROCHEMICAL PLANT COPY		360745N 1033627E	CH	S081367
SHUANGTA SSM FIELD POSITION 1		373604N 1025129E	CH	S081630
CHACHEN RADIO COMMUNICATIONS STATION BKR HARD		325740N 1075820E	CH	S079893
HSIFENGCHEN AW RADAR FACILITY 2 RADARS		354436N 1073633E	CH	S079741
HSIFENGCHEN AW RADAR FACILITY RADARS		354419N 1073849E	CH	
FENGCHOU EXPLOSIVE FORMING FACILITY		335623N 1064423E	CH	S080396
FENGCHOU EXPLOSIVE FORMING FACILITY		335623N 1064423E	CH	S080376
SANYUAN SAM TRAINING AREA TRACKING/GDNC RDRS		343900N 1085830E	CH	S082096
HSIAN BALLISTICS/SHELL TEST FACILITY		342425N 1085720E	CH	S079901
HSIAN AVIATION INSTITUTE		341451N 1085425E	CH	S080408
HSIAN AVIATION INSTITUTE		341451N 1085425E	CH	S080354
FENGCHOU GUIDED MISSILE ENGINE PLANT		335711N 1064332E	CH	S080577
CHENGKU COMSAT STATION DOMESTIC PROB		331250N 1071540E	CH	S078146
CHENGKU COMSAT STATION DOMESTIC PROB		331250N 1071540E	CH	S079665
LANCHOU COMSAT STATION DOMESTIC PROB		355632N 1041032E	CH	S078146

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LANCHOU COMSAT STATION DOMESTIC PROB		355632N 1041032E	CH	S079665
HUHSIEN MISSILE COMPONENTS R+D TEST AREA		335831N 1084129E	CH	S079901
HUHSIEN MISSILE COMPONENTS R+D TEST AREA		335831N 1084129E	CH	S081036
WUCHUSSU AFLD REMOTE SENSING TEST/CALIB TGT		330802N 1071223E	CH	S080680
WUCHUSSU AFLD REMOTE SENSING TEST/CALIB TGT		330802N 1071223E	CH	
LUSHAN IRON PLANT		334540N 1125325E	CH	S081140
SHANHSIEN IRON PLANT		344610N 1111030E	CH	
YUNYANG IRON PLANT		332600N 1124440E	CH	
CHINCHENG AIRCRAFT ENGINE TEST FACILITY PROB		352650N 1125825E	CH	S081677
HSIAOTIEN IRON PLANT		341037N 1123229E	CH	S081140
NANCHAO RADIO COMMO STATION EAST BUNKER HARD		332936N 1122935E	CH	S079893
CHIUMENGCHIN SSM FIELD POSITION IDENT		344809N 1124025E	CH	S079592
CHIUMENGCHIN SSM FIELD POSITION		344809N 1124025E	CH	S081046
CHIYUAN IRON PLANT		350510N 1123320E	CH	S081140
PAISHAN IRON PLANT		351230N 1130600E	CH	
CHUEHSHAN IRON PLANT		324900N 1140215E	CH	
MINGCHIANG IRON PLANT 2		322800N 1140245E	CH	
CHIAOTSO IRON PLANT EAST		351504N 1131508E	CH	
LOYANG STEEL PLANT		343645N 1122900E	CH	
HSIAN AIRFRAME PLANT YENLIANG 172 HSIAN A ACT		343854N 1091336E	CH	S078118
HSIAN AIRFRAME PLANT YENLIANG 172		343854N 1091336E	CH	S080371
HSIAN AIRFRAME PLANT YENLIANG FISHBED COUNT		343854N 1091336E	CH	S080782
HSIAN AIRFRAME PLANT YENLIANG 172		343854N 1091336E	CH	S080414
HSIAN AIRFRAME PLANT YENLIANG 172 HSIAN A		343854N 1091336E	CH	S081718
HUAYIN WEAPONS TEST FACILITY WEST		343345N 1095715E	CH	S079901
MINGCHIANG IRON PLANT		322815N 1140225E	CH	S081140

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MIENCHIH IRON PLANT		344530N 1114500E	CH	
LANTIEN SOLID PROPELLANT PRODUCTION COMPLEX		340319N 1092430E	CH	S080792
LANTIEN SOLID PROPELLANT PROD COMPLEX CYL OBJ		340319N 1092430E	CH	S080369
LANTIEN SOLID PROPELLANT PRODUCTION COMPLEX		340319N 1092430E	CH	S081036
SUNTIEN ICBM SITE 1		334723N 1115926E	CH	S079983
SUNTIEN ICBM SITE 1 CSS-3 SILO ANALYSIS		334723N 1115926E	CH	S079984
HUAYIN WEAPONS TEST FACILITY EAST		343545N 1100650E	CH	S079901
KAIFENG PETROLEUM PRODUCTS STORAGE SW PUG		344600N 1141923E	CH	S078237
MUCHIAYEN SSM FIELD POSITION ABANDONED PROB		340737N 1093532E	CH	S079990
CHIYUAN AIRFIELD SUPPORT FACILITY A U/G U/C		350825N 1123510E	CH	S080551
CHIYUAN AIRFIELD SUPPORT FACILITY A1 U/G U/C		350825N 1123510E	CH	
CHIYUAN AIRFIELD SUPPORT FACILITY A2 U/G U/C		350700N 1123700E	CH	
SUNTIEN ICBM SITE 1 RADIO COMMO STA BKR HARD		334445N 1120030E	CH	S079893
SUNTIEN SSM PROPELLANT STORAGE AREA POSS		334815N 1115600E	CH	S079983
LONING ICBM SITE 1 SILO PROB U/C		342136N 1115037E	CH	S078809
LONING ICBM SITE 1 SILO U/C		342136N 1115037E	CH	S079413
LONING ICBM SITE 1 SILO U/C		342136N 1115037E	CH	S080491
LONING ICBM SITE 1 CSS-X-4 SILO U/C MIDSTAGE		342136N 1115037E	CH	S081161
LONING ICBM SITE 1 CONSTRUCTION ACTIVITY		342136N 1115037E	CH	S081298
LONING ICBM SITE 1 SILO U/C CSS-3 DPL POSS		342136N 1115037E	CH	S080503
LONING ICBM SITE 1 PROB CONSTRUCTION EXPNSN		342136N 1115037E	CH	S080515
LONING ICBM SITE 2 SILO PROB U/C		341713N 1113738E	CH	S078809
LONING ICBM SITE 2 SILO U/C		341713N 1113738E	CH	S080491

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LONING ICBM SITE 2 SILO U/C CSS-3 DPL POSS		341713N 1113738E	CH	S080503
CHIYUAN AIRFIELD		350703N 1123626E	CH	S080551
SUNTIEN SSM COMPLEX		334700N 1120430E	CH	S080007
SUNTIEN SSM COMPLEX		334700N 1120430E	CH	S079983
SUNTIEN SSM COMPLEX RAIL-SERVED ADITS		334700N 1120430E	CH	S081001
NANCHING RADIO COMMO RCVR STA ENE COMSAT STA		320555N 1185350E	CH	S078146
NANCHING RADIO COMMUNICATIONS RCVR STA ENE		320555N 1185350E	CH	S079665
NANCHING TROPOSCATTER STATION COMSAT STA PROB		320208N 1185004E	CH	S078146
HSUCHOU/TAKOUCUANG AIRFIELD AW RADAR FACIL		341240N 1171440E	CH	S078057
NANCHING/LINI CRUDE OIL PIPELINE U/C		320930N 1185508E	CH	S079622
CHIAWANG ARMY BKS AL4 MECHANIZED INF REGT		342740N 1172620E	CH	S079591
NANCHING AERONAUTICAL INSTITUTE		320210N 1184859E	CH	S080401
NANCHING AERONAUTICAL INSTITUTE WIND TUNNEL		320210N 1184859E	CH	S080394
NANCHING AERONAUTICAL INST WIND TUNNEL U/C		320210N 1184859E	CH	S080365
NANCHING AERONAUTICAL INSTITUTE		320210N 1184859E	CH	S080897
NANCHING PETROCHEMICAL PLANT		320840N 1185010E	CH	S078422
ANGANG AMMUNITION LDG PLT HIGH-SPEED CAM POSS		355911N 1291129E	KS	S081754
ANGANG AMMUNITION LDG PLT HIGH-SPEED CAM POSS		355911N 1291129E	KS	

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DHAYA MILITARY BARRACKS ARMOR DEPLOYMENT NEW		344044N 0003801W	AG	S081320
MERS EL KEBIR NAVAL BASE + SHPYD ARDD IDENT		354330N 0004115W	AG	S079944
MERS EL KEBIR NAVAL BASE + SHPYD ARDD IDENT		354330N 0004115W	AG	

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
MERS EL KEBIR NAVAL BASE/SHPYD FLOGGER CONTS		354330N 0004115W	AG	S080449
MERS EL KEBIR NAVAL BASE/SHPYD FLOGGER CONTS		354330N 0004115W	AG	
MERS EL KEBIR NAVAL BASE/SHPYD FLOGGER CONTS		354330N 0004115W	AG	
MERS EL KEBIR NAVAL BASE/SHPYD M-1974 SP GUN		354330N 0004115W	AG	S081224
MERS EL KEBIR NAVAL BASE/SHPYD M-1974 SP GUN		354330N 0004115W	AG	
MERS EL KEBIR NAVAL BASE + SHPYD SA-6 GSE		354330N 0004115W	AG	S081743
MERS EL KEBIR NAVAL BASE + SHPYD SA-6 GSE		354330N 0004115W	AG	
MERS EL KEBIR NAVAL BASE + SHPYD SA-6 GSE		354330N 0004115W	AG	
RAS EL MA ARMY BARRACKS ARMORED BRIGADE		343000N 0004800W	AG	S080696
AIN OUSSERA AIRFIELD FLOGGER A/C + CRTS IDENT		353123N 0025246E	AG	S081361
TARABULUS ARMY BKS EAST GROUND FORCE MBLZTN		325335N 0131945E	LY	S080963
TARABULUS MILITARY STORAGE AREA FITTER CRATES		324900N 0131335E	LY	S080931
TARABULUS MILITARY STORAGE AREA FITTER CRATES		324900N 0131335E	LY	
TARABULUS MILITARY STORAGE AREA TANK INCREASE		324900N 0131335E	LY	S081304
TARABULUS MILITARY INSTL SOUTH ARMORED BRGD		325054N 0130851E	LY	S080955
TARABULUS MILITARY STORAGE AREA SE SS-1C TEL		324945N 0132026E	LY	S079905
TARABULUS MILITARY STORAGE AREA SE SS-1C TEL		324945N 0132026E	LY	
TARABULUS MILITARY STORAGE SE SS-1 EXER SIMUL		324945N 0132026E	LY	S081157
TARABULUS MILITARY STORAGE AREA SE SS-1 EQUIP		324945N 0132026E	LY	S080965
TARABULUS MILITARY STGE SE SS-1 EQUIP TAC DPL		324945N 0132026E	LY	S080967
TARABULUS MILITARY STORAGE AREA SE SS-1 EQUIP		324945N 0132026E	LY	S080965
TARABULUS MILITARY STORAGE SE SS-1 XLDG EXER		324945N 0132026E	LY	S080972
TARABULUS MILITARY STORAGE AREA SE SS-1 BRGD		324945N 0132026E	LY	S081382
TARABULUS MILITARY STORAGE SE SS-1 XLDG EXER		324945N 0132026E	LY	S080972
TARABULUS MILITARY STORAGE SE SS-1 EXER SIMUL		324945N 0132026E	LY	S081157

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TARABULUS MILITARY STGE SE SS-1 EQUIP TAC DPL		324945N 0132026E	LY	S080967
TARABULUS TALL KING AW RDR FAC SOV EQUIP NEW		325130N 0132050E	LY	S078831
QABIS KHALIJ OFFSHORE OIL DRILLING ACT LIBYAN		340055N 0123307E	TS	S080683
TARABULUS PORT FACILITIES LST FRENCH IDENT		325408N 0131127E	LY	S080457
TARABULUS PORT FACILITIES SS-1 EQUIP DELIVERY		325408N 0131127E	LY	S080597
TARABULUS PORT FACILITIES SS-1 EQUIP DELIVERY		325408N 0131127E	LY	
TARABULUS SA-2 SITE A17 UNOCC MIL VEH CONC		324950N 0131130E	LY	S080691
TARABULUS SA-2 SITE A17 UNOCC MIL VEH CONC		324950N 0131130E	LY	
TARABULUS SA-2 SUPPORT FAC SA-2 RESUPPLY VEHS		325040N 0131500E	LY	S080964
TARABULUS SA-3 SUPPORT FAC SA-3 RESUPPLY VEHS		325020N 0131510E	LY	
OKBA IBN NAFA AIRFIELD BLINDER TU-22 INCREASE		325346N 0131632E	LY	S079227
OKBA IBN NAFA AIRFIELD FITTER SHPG CONT IDENT		325346N 0131632E	LY	S081159
OKBA IBN NAFA AIRFIELD FITTER SHIPPING CONTS		325346N 0131632E	LY	S081721
TUBRUQ MILITARY FACILITY SE MECH INF BRGD		320002N 0240028E	LY	S080698
TUBRUQ MILITARY FACILITY SE ACTIVITY INCREASE		320002N 0240028E	LY	S080962
TUBRUQ MILITARY FACILITY WEST BTR-60PB CONVOY		320447N 0235231E	LY	S080959
TUBRUQ MILITARY FACILITY WEST ACT INCREASE		320447N 0235231E	LY	S080958
TUBRUQ MILITARY STORAGE FACILITY U/C		320224N 0235543E	LY	S081889
TUBRUQ PORT FACILITIES ARMS SHIPMENT		320455N 0235850E	LY	S080935
TUBRUQ PORT FACILITIES ARMS SHIPMENT		320455N 0235850E	LY	
AL MARJ INFANTRY SCHOOL MECH/ARTY UNIT MBLZTN		322849N 0205333E	LY	S080919
BANGHAZI SA-2 SITE A09 FLOGGER CRATES IDENT		320730N 0201510E	LY	S081166
BANGHAZI SA-2 SUPPORT FACIL SA-6 EQUIP IDENT		320450N 0200915E	LY	S080040
TUKRAH GUERRILLA/COMMANDO TRAINING CAMP PROB		323330N 0203800E	LY	S081766

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TOP SECRET CHESS RUFF

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BENINA AIRFIELD FLOGGER A/C + CRATES INCREASE		320545N 0201630E	LY	S081166
BENINA AIRFIELD FLOGGER MIG-23 DISPERSAL		320545N 0201630E	LY	S080926
AL QUTAYFAH TAC SSM STGE + TRNG FACIL FROG-7		334215N 0363200E	SY	S081887
AN NABATIYAH TANK ACTIVITY		332425N 0352945E	LE	S079229
AL LADHIQIYAH PORT FACILITIES		353047N 0354552E	SY	S080108
HAMAH AIRCRAFT MAINTENANCE + REPAIR BASE		350720N 0364242E	SY	S079139
TARTUS PORT FACILITIES SOVIET NAVAL ACTIVITY		345450N 0355220E	SY	S078992
TARTUS PORT FACILITIES		345450N 0355220E	SY	S078418
HIMS SA-2 SITE B22		343340N 0363500E	SY	S078863
HAMAH AIRFIELD AVIATION HEADQUARTERS		350730N 0364258E	SY	S079139
AL QUSAYR AIRFIELD AVIATION HEADQUARTERS		343412N 0363415E	SY	S078863
HAMAH AIRFIELD AIR DEFENSE HEADQUARTERS		350730N 0364257E	SY	S079139
ABU AD DUHUR AIRFIELD AVIATION HEADQUARTERS		354405N 0370633E	SY	S079039
HAMAH AIRFIELD		350708N 0364242E	SY	S079139
PALMYRA AIRFIELD		343327N 0381851E	SY	S078566

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TOP SECRET CHESS RUFF

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AL QUSAYR AIRFIELD		343410N 0363418E	SY	S078863
DUMAYR AIRFIELD		333640N 0364500E	SY	S078460
SAYQAL AIRFIELD		334050N 0371205E	SY	S080882
TIYAS AIRFIELD		343115N 0373754E	SY	S079725
MARJ RUHAYYIL AIRFIELD		331654N 0362730E	SY	S078461
MARJ RUHAYYIL AIRFIELD		331654N 0362730E	SY	S079038
MARJ RUHAYYIL AIRFIELD UPGRADING		331654N 0362730E	SY	S081208
AN NASIRIYAH AIRFIELD		335545N 0365235E	SY	S079648
TABAQAH AIRFIELD		354510N 0383420E	SY	S078462
ABU AD DUHUR AIRFIELD		354405N 0370633E	SY	S079039
SHAYRAT AIRFIELD		342918N 0365420E	SY	S079171
SHAYRAT AIRFIELD		342918N 0365420E	SY	S079140
AS SUWAYDA AIRFIELD WEST		324216N 0362435E	SY	S079144
AS SUWAYDA AIRFIELD WEST U/C		324216N 0362435E	SY	S081208
BAGHDAD SAM TRAINING AREA TAJI SS-1 ACTIVITY		333215N 0441600E	IZ	S078998
BAGHDAD SAM TRAINING AREA TAJI SS-1 ACTIVITY		333220N 0441600E	IZ	
BAGHDAD SAM TRNG AREA TAJI SA-6 REGT MOVEMENT		333215N 0441600E	IZ	S081319
BAGHDAD AIR DEPOT TAJI SA-2 BRIGADE TRAINING		333125N 0441425E	IZ	S075044
BAGHDAD AIR DEPOT TAJI SA-2 BRIGADE TRAINING		333125N 0441425E	IZ	
BAGHDAD ARMY BARRACKS RASHID ARMOR INCREASE		331730N 0442810E	IZ	S079597
BAGHDAD ARMY BARRACKS RASHID ARMOR MOVEMENT		331730N 0442810E	IZ	S081307
DEIR EZ ZOR AIRFIELD		351710N 0401040E	SY	S078067

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
LASA RADIO COMMUNICATIONS STATION NORTH 2		294010N 0910307E	CH	S081461
LASA SSM/SPACE TRACKING FACILITY		293855N 0910516E	CH	S079665
LASA RADIO COMMUNICATIONS RECEIVER STA WEST		293824N 0910244E	CH	
CHUEHNEIHSU MILITARY BARRACKS		284220N 0893825E	CH	S080076
SURATGARH AIRFIELD FITTER A SU-7 FIRST DPL		292320N 0735410E	IN	S079238
AL BASRAH PORT FACILITIES		303349N 0474737E	IZ	S082080
UMM QASR PORT FACILITIES MEDIUM TANK DELIVERY		300152N 0475657E	IZ	S079244
UMM QASR PORT FACILITIES MEDIUM TANK DELIVERY		300152N 0475657E	IZ	
UMM QASR PORT FACILITIES ARMORED VEH TRSHPMT		300152N 0475657E	IZ	S081492
UMM QASR PORT FACILITIES ARMORED VEH TRSHPMT		300152N 0475657E	IZ	
UMM QASR PORT FACILITIES		300152N 0475657E	IZ	S082080
TABUK MILITARY DEPOT/CAMP/STAGING AREA CONST		282230N 0363510E	SA	S080739
TABUK MILITARY DEPOT/CAMP/STAGING AREA CONST		282230N 0363510E	SA	
SUEZ CANAL SPECIAL AREA 0712 GRND FORCE TRNG		304200N 0321500E	EG	S081739

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AL QAHIRAH AIRFRAME PLANT 36 NO SIG CHANGE		294950N 0311958E	EG	S081580
BUR SAID NAVAL BASE		311528N 0321818E	EG	S078419
AL QAHIRAH AIRCRAFT ENG PLANT 135 NO SIG CHNG		294931N 0312018E	EG	S081580

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DAHSHUR ARMY BARRACKS + HQ ARMORED BRGD REDPL		294844N 0310849E	EG	S079947
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TOP SECRET CHESS RUFF ZARF

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TOP SECRET CHESS RUFF

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WAC/BE

SUBJECT

IDHS CODE

COORD

CoUN ACCN NO.

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WAC/BE	SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
	BIR JIFJAFAH AIRFIELD		302450N 0330945E	EG	S078993
	KANBUTH SPECIAL AREA 107 SE TANK/MECH INF DPL		314140N 0244520E	LY	S081327
	AS SALLUM SPECIAL AREA 112 TANK/ARTY BN IDENT		313000N 0250300E	EG	S081148
	AL JAGHBUB MILITARY FACILITY BOMB DAMAGE		294706N 0243114E	LY	S080961
	SIDI BARRANI MECHANIZED INF BRGD AREA IDENT		312248N 0255438E	EG	S080951
	SIDI BARRANI MECHANIZED INF BRDG AREA ARTY BN		312248N 0255438E	EG	S081162
	MATRUH SA-6 SITE 915		312050N 0271250E	EG	S081303
	AS SALLUM BORDER AREA 2 MILITARY ACT INCREASE		313430N 0250430E	EG	S080912
	SIDI BARRANI ARMORED VEHICLE CONC/HQ BRIGADE		312136N 0255224E	EG	S080450
	AL ISKANDARIYAH NAVAL BASE/SUB BASE/HQ NATL		311150N 0295150E	EG	S080107
	AL ISKANDARIYAH NAVAL BASE/SUB BASE/HQ NATL		311150N 0295150E	EG	
	MATRUH RAILROAD YARD SA-6 BN IN TRANSIT		312105N 0271450E	EG	S081172
	MATRUH RAILROAD YARD SA-6 BN IN TRANSIT		312105N 0271450E	EG	
	MATRUH RAILROAD YARD ARMOR SHIPMENT		312105N 0271450E	EG	S080969
	MATRUH RAILROAD YARD ARMOR SHIPMENT		312105N 0271450E	EG	
	BARDIYAH ARMY BARRACKS DAMAGE		314525N 0250405E	LY	S080934
	SIDI BARRANI AIRFIELD RUNWAY CONST COMPLETE		312753N 0255152E	EG	S079953
	SIDI BARRANI AIRFIELD FISHBED MIG-21 IDENT		312753N 0255152E	EG	S080950

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AL JAGHBUB MILITARY ACTIVITY INCREASE		294550N 0243115E	LY	S080688
AL JAGHBUB DEFENSIVE POSITIONS U/C		294550N 0243115E	LY	S080960
TUBRUQ AW RADAR FACILITY SOV EQUIP/CONST NEW		315220N 0235715E	LY	S077466
GAMAL ABD EL NASSER AIRFIELD FLOGGER IDENT		315115N 0235502E	LY	S080244
GAMAL ABD EL NASSER AIRFIELD BOMB DAMAGE		315115N 0235502E	LY	S080933
SHANGHAI ANTENNA R+D FACILITY POSS		311831N 1212926E	CH	S078146
CHINSHANWEI PETROCHEMICAL COMPLEX		304220N 1211900E	CH	S078422
SANMEN IRON PLANT		290515N 1212420E	CH	S079649
SUNGCHIANG CEMENT PLANT		310220N 1211225E	CH	S081708
SHANGHAI SHIPYARD KIANGNAN DOCK NAVAL AUX NEW		311205N 1212901E	CH	S078368
SHANGHAI SHIPYARD KIANGNAN DOCK COMPANY		311205N 1212901E	CH	S079019
SHANGHAI SHIPYARD KIANGNAN DOCK COMPANY		311205N 1212901E	CH	S080084
SHANGHAI SHIPYARD KIANGNAN DOCK CO A6M CL U/C		311205N 1212901E	CH	S081302
SHANGHAI NAVAL BASE + SHIPYARD HUTUNG		311647N 1213401E	CH	S079022
SHANGHAI NAVAL BASE + SHIPYARD HUTUNG		311647N 1213401E	CH	
SHANGHAI NAVAL BASE + SHIPYARD HUTUNG		311647N 1213401E	CH	S080085
SHANGHAI NAVAL BASE + SHIPYARD HUTUNG		311647N 1213401E	CH	
SHANGHAI NAVAL BASE + SHPYD HUTUNG KIANGHU FF		311647N 1213401E	CH	S081301
SHANGHAI NAVAL BASE + SHPYD HUTUNG KIANGHU FF		311647N 1213401E	CH	
SHANGHAI NAVAL BASE/SHPYD KIANGHU CL FF PROD		311647N 1213401E	CH	S081758
SHANGHAI NAVAL BASE/SHPYD KIANGHU CL FF PROD		311647N 1213401E	CH	
SHANGHAI SHIPYARD CHUNGHUA		311703N 1213334E	CH	S079023
SHANGHAI SHIPYARD CHUNGHUA		311703N 1213334E	CH	S080086
SHANGHAI SHIPYARD CHUNGHUA LST CLASS NEW U/C		311703N 1213334E	CH	S081862

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	SHANGHAI SHIPYARD CHIUHSIN		311240N 1212941E	CH	S079020
	SHANGHAI SHIPYARD CHIUHSIN		311240N 1212941E	CH	S080087
	SHANGHAI NAVAL BASE + SHIPYARD INTERNATIONAL		311538N 1213240E	CH	S079021
	SHANGHAI NAVAL BASE + SHIPYARD INTERNATIONAL		311538N 1213240E	CH	
	SHANGHAI NAVAL BASE + SHIPYARD INTERNATIONAL		311538N 1213240E	CH	S080088
	SHANGHAI NAVAL BASE + SHIPYARD INTERNATIONAL		311538N 1213240E	CH	
	SHANGHAI STEAM TURBINE PLT MSL RLTD ACT SRCH		310015N 1212442E	CH	S080364
	SHANGHAI STEAM TURBINE PLT MSL RLTD ACT SRCH		310015N 1212442E	CH	
	SHANGHAI NAVAL BASE WUSUNG		312340N 1212959E	CH	S079024
	HANGCHOU IRON + STEEL PLANT		302127N 1200951E	CH	S079649
	SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4 TRANS		305800N 1211242E	CH	S080364
	TAHSIEH SUBMARINE BASE PUG		295357N 1215719E	CH	S080742
	MINHANG BOILER PLANT MSL RLTD ACT/EQUIP SRCH		310028N 1212320E	CH	S080364
	MINHANG BOILER PLANT MSL RLTD ACT/EQUIP SRCH		310028N 1212320E	CH	
	SHANGHAI PETROCHEMICAL PLANT KAOCHIAO		311851N 1213347E	CH	S078422
	WUHSING MISSILE PROPULSION R+D CENTER		304450N 1200135E	CH	S079185
	WUHSING MISSILE PRPLN R+D CTR PROD AREA U/C		304450N 1200135E	CH	S081986
	WUHSING MISSILE PROPULSION R+D CENTER		304450N 1200135E	CH	S081036
	CHIANGWAN COMSAT STATION DOMESTIC PROB		311810N 1212700E	CH	S078146
	CHIANGWAN COMSAT STATION DOMESTIC PROB		311810N 1212700E	CH	S079665
	HSIANGSHANCHIANG SHIPYARD		293630N 1214458E	CH	S080189
	SHANGHAI NAVAL FACILITIES APPROACHES		3113 N 12128 E	CH	S079018
	WUHAN IRON PLANT HANYANG		303348N 1141417E	CH	S081350
	WUHU AIRFIELD RADIO COMMO STATION NW BKR HARD		312605N 1182150E	CH	S079893

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
WUHU AIRFIELD RADIO COMMO STATION NE BKR HARD		312650N 1182245E	CH	
LICHIANHSIANG IRON PLANT		305630N 1195900E	CH	S079649
WUI IRON PLANT		285600N 1194925E	CH	
NANCHANG AIRFRAME/MSL PLT CSS-N-1/CSSC-2 CRTS		283752N 1155526E	CH	S079732
NANCHANG AIRFRAME/MSL PLT CSS-N-1/CSSC-2 CRTS		283752N 1155526E	CH	
NANCHANG AIRFRAME/MSL PLT CSS-N-1/CSSC-2 CRTS		283752N 1155526E	CH	
NANCHANG AIRFRAME + MISSILE PLT 320 NAN B ACT		283752N 1155526E	CH	S081865
NANCHANG AIRFRAME + MISSILE PLT 320 NAN B ACT		283752N 1155526E	CH	
WUHAN SHIPYARD WUCHANG		303158N 1141713E	CH	S079210
OCHENG IRON + STEEL PLANT		302418N 1145140E	CH	S081350
WUHAN ENGINEERING INSTITUTE CENTRAL		303110N 1142500E	CH	S080996
WUHAN ENGINEERING INSTITUTE CENTRAL		303110N 1142500E	CH	S081019
HUANGSHIH STEEL PLANT TAYEH		301218N 1150710E	CH	S081350
WUHAN IRON + STEEL PLANT		303734N 1142627E	CH	
WUHU SHIPYARD		312102N 1182105E	CH	S080089
TAYEH IRON + STEEL PLANT HSIALU		301125N 1145832E	CH	S081350
HUANGSHIH IRON PLANT		301142N 1150302E	CH	
KUANGCHI SHIPYARD SUBMARINE CONSTRUCTION POSS		294940N 1153040E	CH	S081146
TUNGKU ARMS PLANT + TEST RANGE 518		283311N 1142718E	CH	S079901
YUNGSHIU MILITARY TEST RANGE		290018N 1160753E	CH	
LIUAN SPACE TRACKING FACILITY COMSAT STA PROB		313606N 1160719E	CH	S078146
LIUAN SPACE TRACKING FACILITY		313606N 1160719E	CH	S079665
CHIHSI TACTICAL ROCKET PLANT + TEST FACILITY		300610N 1184130E	CH	S079901
CHIHSI TACTICAL ROCKET PLANT + TEST FACILITY		300610N 1184130E	CH	S080554
LIENKENGWANG IRBM SITE 5 RADCOM STA BKR HARD		300545N 1173440E	CH	S079893

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
WUHU AIRFIELD FISHERD F-7 COUNT		312328N 1182428E	CH	S080782
LIENKENGWANG SSM COMPLEX		301200N 1174330E	CH	S078191
LIENKENGWANG SSM COMPLEX RAIL-SERVED ADITS		301200N 1174330E	CH	S081001
IYANG COMSAT STATION DOMESTIC PROB		284230N 1121640E	CH	S078146
IYANG COMSAT STATION PROB		284230N 1121640E	CH	S079665
TUTISHAN IRON PLANT		281900N 1121340E	CH	S078861
SHIHMEN IRON PLANT		293720N 1111825E	CH	
KUANGSHIH IRON PLANT		313057N 1135930E	CH	S081350
YUEHYANG IRON PLANT + FABRICATION FACILITY		292345N 1130538E	CH	S078861
CHANGSHA/TATO AIRFIELD RADCOM STA BUNKER HARD		280605N 1130005E	CH	S079893
CHANGSHA RADIO COMMO STATION WEST BUNKER HARD		280926N 1125027E	CH	
CHANGSHA RADIO COMMUNICATIONS STA NW BKR HARD		281437N 1124614E	CH	
CHANGSHA RADIO COMMO STATION NNW BUNKER HARD		281750N 1124630E	CH	
WANGCHIAYING IRON PLANT		301830N 1084020E	CH	S081350
SANLIKANG RADIO COMMUNICATIONS STA BKR HARD		313340N 1125646E	CH	S079893
YUANAN SOLID PROPELLANT PRODUCTION COMPLEX		310236N 1114056E	CH	S079834
YUANAN SOLID PROPELLANT PRODUCTION COMPLEX		310236N 1114056E	CH	S081517
LIUCHIACHANG IRON PLANT		300405N 1112850E	CH	S081350
CHENHSI AMMUNITION PLANT 861 PUG		280510N 1101252E	CH	S079901
CHANGSHA STEEL PLANT		281128N 1130004E	CH	S078861
CHINGMEN SPACE TRACKING FACIL COMSAT STA PROB		310625N 1121130E	CH	S078146
CHINGMEN SPACE TRACKING FACILITY		310625N 1121130E	CH	S079665
CHILINHSIANG PETROCHEMICAL PLANT		292830N 1131650E	CH	S078422
CHINGSHAN SSM FIXED FIELD POSITION		310518N 1130718E	CH	S080776

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
CHINGMEN SEAPLANE STATION HARB A IDENT		305900N 1120335E	CH	S079011

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CHUNGCHING BALLISTICS TEST SITE SOUTH		293050N 1063110E	CH	S079901
CHUNGCHING BALLISTICS TEST SITE NORTH		293605N 1063355E	CH	
CHIENYANG MILITARY BARRACKS + AAA REGIMENT		302005N 1043810E	CH	S078799
CHENG TU AIRFRAME PLANT 132 FRESCO COUNT		304227N 1035747E	CH	S078587
CHENG TU AIRFRAME PLANT 132 FISHBED F-7 COUNT		304227N 1035747E	CH	S080782
MIENYANG AIRCRAFT RDR/INSTR PLT RDR NEW SRCH		312826N 1044427E	CH	S080280
CHUNGCHING ARMORED VEHICLE PLANT 256		293035N 1063052E	CH	S079793
CHUNGCHING ARMORED VEHICLE TEST AREA		292150N 1062647E	CH	S079901

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HANWANG ARTILLERY TEST RANGE CHISHANMIA		313020N 1040710E	CH	S079901
HUAYUAN COMSAT STATION DOMESTIC PROB		304605N 1033105E	CH	S078146
HUAYUAN COMSAT STATION DOMESTIC PROB		304605N 1033105E	CH	S079665
FOULING SHIPYARD LAUNCH PLATFORM U/C		294445N 1071828E	CH	S081590
ANNING POL TRANSSHIPMENT AREA STORAGE FACIL		245720N 1023400E	CH	S078236
ANNING POL TRANSSHIPMENT AREA STORAGE FACIL		245720N 1023400E	CH	
TIENWEI MTC SSM TRACKING FACILITY 4		260030N 1022720E	CH	S079665
TIENWEI MTC SSM TRACKING FACILITY 4		260030N 1022720E	CH	S079625
ANSHUN AIRCRAFT R+D FAC POSS FARMER F-6 IDENT		261245N 1054830E	CH	S081228
LEICHUANG AIRFIELD RADIO COMMO STA BKR HARD		262534N 1063331E	CH	S079893
KUNMING SSM RAIL-TO-ROAD TRANSFER POINT		245645N 1025248E	CH	S081082

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
KUNMING ELECTRONICS FACILITY COMSAT STA PROB		245347N 1024732E	CH	S078146
KUNMING ELECTRONICS FACILITY		245347N 1024732E	CH	S079665
KUNMING ARMY BARRACKS AL6/DPO ARMD REGT IDENT		250151N 1025215E	CH	S078810
KUNMING ARMY BARRACKS AL6/DPO ARMD REGT IDENT		250151N 1025215E	CH	
KUNMING ARMY BARRACKS AL6/DPO ARMD REGT IDENT		250151N 1025215E	CH	S078801
KUNMING ARMY BARRACKS AL6/DPO ARMD REGT IDENT		250151N 1025215E	CH	
KUNMING RAIL-TO-ROAD TRANSLOADING YARD SOUTH		245538N 1024942E	CH	S081082
CHANI SPACE TRACKING FACILITY		253814N 1034252E	CH	S079665
KUNMING SSM FIELD POSITION CSS-2 EXERCISE		245208N 1025347E	CH	S080049
KUNMING SSM FIELD POSITION		245208N 1025347E	CH	S080403
KUNMING SSM FIELD POSITION		245208N 1025347E	CH	S081082
KUNMING SSM FIELD POSITION		245208N 1025347E	CH	S081096
KUNMING SSM HEADQUARTERS GENERAL		245526N 1024749E	CH	S081082
KUNMING SSM SUPPORT FACILITY CHENGKUNG		245401N 1024918E	CH	
PAISHA COMSAT STATION DOMESTIC PROB		252230N 1021325E	CH	S078146
PAISHA COMSAT STATION DOMESTIC PROB		252230N 1021325E	CH	S079665
CHENGCHIANG COMSAT STATION DOMESTIC PROB		244040N 1025615E	CH	S078146
CHENGCHIANG COMSAT STATION DOMESTIC PROB		244040N 1025615E	CH	S079665
CHUHSIUNG AMMUNITION TEST RANGE		250840N 1012609E	CH	S079901
ANNING ROCKET ENGINE TEST FACILITY PROB		250145N 1022640E	CH	S080659
KUNMING SSM/SPACE TRACKING FACILITY		245435N 1024810E	CH	S079665
TIENWEI MTC RADAR O/B		255520N 1024928E	CH	S079618
TIENWEI MTC LAUNCH ACTIVITY SEARCH		255520N 1024928E	CH	S079991

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TIENWEI MTC		255520N 1024928E	CH	S081339
TUYUN ELECTRONICS FABRICATION + TEST COMPLEX		261300N 1073600E	CH	S078146
HACHI IRON PLANT		274110N 1112615E	CH	S078861
LEIYANG COKE + IRON PLANT		262340N 1124840E	CH	
HSIANGTAN IRON PLANT 2		275930N 1125910E	CH	
LICHIATSUN AIRFIELD RADIO COMMO STA BKR HARD		251000N 1101740E	CH	S079893
TUNGTAO ICBM DIVISION HEADQUARTERS PROB		263207N 1094421E	CH	S079667
TUNGTAO ICBM RIM FACILITY		263242N 1093441E	CH	S079343
TUNGTAO ICBM RIM FACILITY PROB		263242N 1093441E	CH	S079667
TUNGTAO ICBM REGIMENT HEADQUARTERS PROB		261550N 1095515E	CH	
TUNGTAO ICBM SUPPORT AREA A		261535N 1095510E	CH	
TUNGTAO ICBM CAVE/TUNNEL CONSTRUCTION NORTH		261830N 1095655E	CH	
TUNGTAO ICBM CAVE/TUNNEL CONSTRUCTION SOUTH		261120N 1095400E	CH	
TUNGTAO ICBM CAVE/TUNNEL CONSTRUCTION SOUTH		261120N 1095400E	CH	S081001
TUNGTAO ICBM SUPPORT AREA B		261525N 1095205E	CH	S079667
KUANYINSHAN RADIO COMMUNICATIONS STATION HARD		272259N 1122431E	CH	S079893
HUANGCHIAPA IRON + STEEL PLANT		270810N 1115610E	CH	S078861
HSIANGTAN IRON + STEEL PLANT		274914N 1125352E	CH	
LOUTI IRON + STEEL PLANT		274506N 1115810E	CH	
HSIANGTAN IRON PLANT		275810N 1125055E	CH	
HSIANGTAN ARMORED VEHICLE REPAIR PLANT 627		275220N 1125340E	CH	S079901
HSIANGTAN ARMORED VEHICLE REPAIR PLANT 627		275220N 1125340E	CH	S080879
TZUCHISHIH COMSAT STATION DOMESTIC PROB		262126N 1111007E	CH	S078146
TZUCHISHIH COMSAT STATION DOMESTIC PROB		262126N 1111007E	CH	S079665
TUNGTAO ICBM SITE CONSTRUCTION		261338N 1095351E	CH	S079667
TUNGTAO ICBM SITE CSS-3 SILO ANALYSIS		261338N 1095351E	CH	S079984

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
TUNGTAO ICBM SITE CAMOUFLAGE ACTIVITY		261338N 1095351E	CH	S079926
HSINHUA SSM/SPACE TRACKING FACILITY		274605N 1111535E	CH	S079665
TUNGTAO ICBM COMPLEX		261430N 1095358E	CH	S079677
TUNGTAO ICBM COMPLEX		261430N 1095358E	CH	S079667
LUNGYEN IRON + STEEL PLANT		250340N 1170310E	CH	S081443
LINCHIANG AIRFIELD RADIO COMMO STA BKR HARD		275907N 1153244E	CH	S079893
YUNGAN COMSAT STATION DOMESTIC PROB		255755N 1172059E	CH	S078146
YUNGAN COMSAT STATION DOMESTIC PROB		255755N 1172059E	CH	S079665
SHAHSIEN SPACE TRACKING FACILITY POSS		262345N 1174830E	CH	
FUWEN IRON PLANT		265845N 1174445E	CH	S081443
CHIUFOUCHIANG IRON PLANT		271225N 1133350E	CH	S078861
SANMING IRON + STEEL PLANT		261538N 1173656E	CH	S081443
CHIAOKOU IRON PLANT		255645N 1131232E	CH	S078861
HULISHE NAVAL FACILITY ARMORED VEHICLES IDENT		242950N 1180440E	CH	S080038
HULISHE NAVAL FACILITY ARMORED VEHICLES IDENT		242950N 1180440E	CH	
NANSHENG SPACE TRACKING FACIL COMSAT STA PROB		263352N 1172650E	CH	S078146
NANSHENG SPACE TRACKING FACILITY		263352N 1172650E	CH	S079665
LIENCHENG AIRFIELD BEAGLE IL-28 DEPLOYMENT		254030N 1164447E	CH	S080048
PUMENCHENG NAVAL FACILITY NW HOKU CLASS PTG		271312N 1202150E	CH	S079941
PINGTAN CRUISE MISSILE SUPPORT FACILITY PROB		252950N 1194400E	CH	S081884
PINGTAN NAVAL BASE HOKU CLASS PTG IDENT		253033N 1194347E	CH	S080051
SANTUAO NAVAL BASE + SHIPYARD KIANGHU CL FF		263818N 1194147E	CH	S079941
SANTUAO NAVAL BASE + SHIPYARD KIANGHU CL FF		263818N 1194147E	CH	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PUMENCHENG NAVAL BASE KIANGHU CLASS FF		271236N 1202320E	CH	S080598
FUCHOU COMSAT STATION DOMESTIC PROB		260400N 1191430E	CH	S078146
FUCHOU COMSAT STATION DOMESTIC PROB		260400N 1191430E	CH	S079665
BIR MOGREIN ARMY BARRACKS MILITARY UNIT DPL		251332N 0113432W	MR	S079002
KUFRA AIRFIELD BOMB DAMAGE		241055N 0231908E	LY	S080932
BUR SAFAJAH PORT FACILITIES + NAVAL HQ		264358N 0335640E	EG	S080109
BUR SAFAJAH PORT FACILITIES + NAVAL HQ		264358N 0335640E	EG	
BUGAYQ PETROLEUM STBL PLANT/STORAGE FIRE DMG		255609N 0494057E	SA	S080240
BUGAYQ PETROLEUM STBL PLANT/STORAGE FIRE DMG		255609N 0494057E	SA	
ASH SHARIQAH AIRFIELD NEW AIRCRAFT FIRST DPL		251945N 0553104E	TC	S079225
KARACHI SOLID MOTOR PRODUCTION PLANT		245502N 0665516E	PK	S078841
SOMIANI ROCKET TEST RANGE		251052N 0664500E	PK	S079615
CHITTAGONG NAVAL BASE SOUTH SALISBURY CL FFL		221645N 0914740E	B6	S080672
DACCA/TEZGAON AFLD FARMER/FRESCO/MAX IDENT		234650N 0902310E	B6	S081491
DACCA/TEZGAON AIRFIELD JAPANESE DC-8 HIJACKED		234650N 0902310E	B6	S081587
LOURDES SPACE ASSOCIATED ELECTRONICS FACILITY		225855N 0822748W	CU	S081707
LA HABANA PORT FAC EL JIGUE MRCHT CRATES U/I		230750N 0822050W	CU	S080924
LA HABANA PORT FACILITIES		230750N 0822050W	CU	S080769
CIENFUEGOS PORT FACILITIES		220825N 0802720W	CU	S080770
MARIEL PORT FACILITIES A/C FUSELAGE SHPG CONT		225940N 0824516W	CU	S080974
MARIEL PORT FACILITIES A/C FUSELAGE SHPG CONT		225940N 0824516W	CU	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LA HABANA TV TRANSMITTER + RADIO RELAY STA		230237N 0822725W	CU	S081770
LA HABANA TV TRANSMITTER + RADIO RELAY STA		230237N 0822725W	CU	
CABANAS KOMAR BASE		225838N 0825833W	CU	S078994
LA CACHIMBA SA-2 SITE A12 OCCUPIED SA-3 EQUIP		224502N 0822716W	CU	S078111
CAMPO LIBERTAD AIRFIELD COLT AN-2 SHPG PREP		230541N 0822555W	CU	S080888
SAN ANTONIO DE LOS BANOS AFLD FISHBED H IDENT		225216N 0823034W	CU	S080126
JOSE MARTI AIRFIELD INTL TRANSPORT AIRCRAFT		225922N 0822427W	CU	S081685
CHIANGTZUPI SSM SITE		220840N 1205312E	TW	S079767
TASHU SOLID PRPLNT PROD PLT RKT MTR TEST AREA		224245N 1202430E	TW	S079342
KUANGCHOU SPACE TRKG FACILITY COMSAT STA PROB		231049N 1131745E	CH	S078146
KUANGCHOU SPACE TRACKING FACILITY PROB		231049N 1131745E	CH	S079665
KUANGCHOU RADIO STATION BUNKERED HARD		231142N 1132013E	CH	S079893
PINGHAI RADAR FACILITY		223355N 1145435E	CH	S079629
HUANGPU NAVAL BASE + SHIPYARD		230510N 1132442E	CH	S080139
HUANGPU NAVAL BASE + SHIPYARD		230510N 1132442E	CH	
HUANGPU NAVAL BASE + SHIPYARD		230510N 1132442E	CH	S080079
HUANGPU NAVAL BASE + SHIPYARD		230510N 1132442E	CH	
TUNGAOWAN NAVAL FACILITY		220125N 1134241E	CH	S080078
PAILI NAVAL FACILITY PUG		215939N 1134501E	CH	
HUANGPU NAVAL FACILITY WEST		230448N 1132239E	CH	S080079
HUANGPU DEPERMING FACILITY		230442N 1132400E	CH	
HUANGPU NAVAL FACILITIES APPROACHES		2304 N 11325 E	CH	S080138
KUANGCHOU AIRFIELD EAST RADAR SEARCH		230952N 1132209E	CH	S080292
KUANGCHOU/PAIYUN AIRFIELD NAN CHING A IDENT		231101N 1131554E	CH	S078063

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	NANNING AW RADAR FACILITY RADARS		224138N 1081230E	CH	S079741
	CHANCHIANG PORT FACILITIES GRAIN HDLG FACILS		211126N 1102452E	CH	S081772
	CHANCHIANG NAVAL BASE + SHIPYARD		211212N 1102521E	CH	S080081
	CHANCHIANG NAVAL BASE + SHIPYARD		211212N 1102521E	CH	
	SANCHOUSHI NAVAL FACILITY SHANGCHUANSHAN		214356N 1124524E	CH	S080080
	SHATIHSU NAVAL FACILITY		213640N 1124540E	CH	
	CHANCHIANG SHIPYARD NORTH		211422N 1102514E	CH	S080081
	NANNING SSM/SPACE TRACKING FACILITY		225607N 1082738E	CH	S079665
	PINGYUANCHIEH AIRFIELD RADCOM STA BKR HARD		234355N 1035220E	CH	S079893
	HAI PHONG PORT FACILITIES EAST		205157N 1064153E	VM	S080464
	HAI PHONG NAVAL BASE		205147N 1064046E	VM	S080465
	HAI PHONG CEMENT PLANT RECONSTRUCTION		205149N 1064023E	VM	S079016
	TIENYANG AIRFIELD RADIO COMMO STA BUNKER HARD		234433N 1065833E	CH	S079893
	CHIENSHUI SSM SITE 5 MISSILE CHECKOUT BLDG		235546N 1024406E	CH	S079343
	CHIENSHUI SSM DIVISION HQ BURIED ANTENNAS		234030N 1024524E	CH	S079893
	WONICHAI IRBM SITE 1 RADIO COMMO STA BKR HARD		232240N 1024530E	CH	
	HAI PHONG NAVAL/SHIPYARD FACILS APPROACHES		2051 N 10640 E	VM	S080463
	CHIENSHUI SSM COMPLEX		233805N 1025030E	CH	S078625
	CHIENSHUI SSM COMPLEX		233805N 1025030E	CH	S078609
	CHIENSHUI SSM COMPLEX		233805N 1025030E	CH	S079720
	CHIENSHUI SSM COMPLEX RAIL-SERVED ADITS		233805N 1025030E	CH	S081001
	VIENTIANE AIRFIELD FISHBED MIG-21 IDENT		175900N 1023411E	LA	S081430
	DA NANG MILITARY STGE AREA NW AFLD EQUIP MBL		160545N 1080830E	VM	S080676
	DA NANG MILITARY STGE AREA NW AFLD EQUIP MBL		160545N 1080830E	VM	

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YULIN NAVAL BASE + SHIPYARD	181312N 1093200E	CH	S080863
YULIN NAVAL BASE + SHIPYARD	181312N 1093200E	CH	
CHINGLAN MOTOR TORPEDO BOAT BASE	193338N 1104908E	CH	S080082
YALUNG NAVAL BASE	181311N 1094146E	CH	S080083
YULIN SUBMARINE BASE R CLASS SS DPL INCREASE	181332N 1093244E	CH	S075046
YULIN SUBMARINE BASE	181332N 1093244E	CH	S080862
YALUNG NAVAL FACILITY NORTH PUG	181530N 1094320E	CH	S080083
PAOTING COMSAT STATION DOMESTIC PROB	184050N 1093655E	CH	S078146
PAOTING COMSAT STATION DOMESTIC PROB	184050N 1093655E	CH	S079665
CHANGCHIANG SSM/SPACE TRACKING FACILITY	192139N 1090822E	CH	
YULIN NAVAL FACILITIES APPROACHES	1813 N 10933 E	CH	S080861
BELIZE AIRFIELD INTERNATIONAL HARRIER IDENT	173210N 0881836W	BH	S080599
BOMBAY PORT FACILITIES SA-6 EQUIPMENT IDENT	185823N 0725105E	IN	S081891
BOMBAY PORT FACILITIES SA-6 EQUIPMENT IDENT	185823N 0725105E	IN	

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HYDERABAD NUCLEAR FUEL COMPLEX	172702N 0783431E	IN	S080803
VISHAKHAPATNAM PORT FACILITIES	174152N 0831703E	IN	S082080
HYDERABAD SOLID MOTOR TEST FACIL STATIC FACS	171930N 0783000E	IN	S078543
HYDERABAD SOLID MOTOR TEST FACILITY	171930N 0783000E	IN	S079429
HYDERABAD SOLID MOTOR TEST FACILITY	171930N 0783000E	IN	S079616
HYDERABAD SOLID MOTOR TEST FACILITY	171930N 0783000E	IN	S080501
SRI HARIKOTA ISLAND ROCKET MOTOR TEST FACIL	134456N 0801412E	IN	S078174

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
SRI HARIKOTA ISLAND ROCKET LAUNCH STATION		134150N 0801425E	IN	
SRI HARIKOTA ISLAND ROCKET LAUNCH STA CONST		134150N 0801425E	IN	S078372
GOA AIRFIELD MAY IL-38 IDENTIFICATION		152240N 0734950E	IN	S081324
ASEB MILITARY BKS NORTH M-46 FIELD GUN IDENT		130225N 0424401E	ET	S081371
ASEB PORT FACILITY FRESCO CRATES/T-34 TANKS		130030N 0424530E	ET	S080458
ASEB PORT FACILITY FRESCO CRATES/T-34 TANKS		130030N 0424530E	ET	
ASEB PORT FACILITY FRESCO CRATES/T-34 TANKS		130030N 0424530E	ET	
ASEB PORT FAC FISHBED MIG-21 SHPG CONT IDENT		130030N 0424530E	ET	S081503
ASEB PORT FAC FISHBED MIG-21 SHPG CONT IDENT		130030N 0424530E	ET	
ASEB PORT FACILITIES BRDM-2 IDENT		130030N 0424530E	ET	S081493
ASEB PORT FACILITIES BRDM-2 IDENT		130030N 0424530E	ET	
ASEB PORT FACILS FISHBED MIG-21 DELIVERIES		130030N 0424530E	ET	S081588
ASEB PORT FACILITIES		130030N 0424530E	ET	S082080
ASEB PORT FACILS FISHBED MIG-21 DELIVERIES		130030N 0424530E	ET	S081588
ADEN PORT FACILITIES		124715N 0450027E	YS	S082080
AL HUDAYDAH PORT FACILITIES		145001N 0425603E	YE	
ASEB MILITARY BARRACKS BM-21 RKT LNCHER IDENT		130045N 0424438E	ET	S081371
ASMERA/YOHANNES IV AIRFIELD TANK DEPLOYMENT		151728N 0385437E	ET	S081379
ASMERA/YOHANNES IV AIRFIELD TANK DEPLOYMENT		151728N 0385437E	ET	
BAMAKO AIRFIELD RUNWAY EXT/SOVIET EQUIP IDENT		123756N 0080136W	ML	S079003
SAIGON PORT FACIL AMERICAN YACHT BRILLIG PROB		104535N 1064256E	VM	S081738

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LOAITA ISLAND AREA STUDY	104007N	1142520E	PG	S079561
SAND CAY AREA STUDY	102235N	1142845E	PG	
NORTHEAST CAY AREA STUDY	112630N	1142029E	PG	
SOUTHWEST CAY AREA STUDY	112631N	1142030E	PG	
SIN COWE ISLAND AREA STUDY	095315N	1141942E	PG	
THITU ISLAND AREA STUDY	110315N	1141659E	PG	
NAMYIT ISLAND AREA STUDY	101032N	1142140E	PG	
ITU ABA ISLAND AREA STUDY	102230N	1142130E	PG	
SPRATLY ISLAND AREA STUDY	083800N	1115430E	PG	
SPRATLY ISLAND AIRFIELD UPGRADING	083800N	1115430E	PG	S080032
SPRATLY ISLAND AIRFIELD RUNWAY OBSTRUCTIONS	083800N	1115430E	PG	S079935
NANSHAN ISLAND AREA STUDY	104425N	1154820E	PG	S079561
JIJIGA ARMY BARRACKS NW UNDER ATTACK	092115N	0424610E	ET	S081377
SIGA MEDA MILITARY TRNG CAMP PERSONNEL CONC	090126N	0383856E	ET	S080447
SIGA MEDA MILITARY TRAINING CAMP ACT INCREASE	090126N	0383856E	ET	S080766
JIJIGA BATTLE AREA	092300N	0423700E	ET	S081384
HARAR INFANTRY DIVISION HQ EQUIPMENT INCREASE	091808N	0420750E	ET	S081318
HARAR MILITARY BARRACKS/ACADY EQUIP INCREASE	091950N	0420510E	ET	
HARAR MILITARY BARRACKS/ACADY EQUIP INCREASE	091950N	0420510E	ET	
JIJIGA MILITARY BARRACKS WAR DAMAGE	0918 N	04246 E	ET	S081316
DIREDAWA MILITARY BKS/BTR-60PB/ZSU-23/4 IDENT	093619N	0415146E	ET	S081306
LIDDETTA AIRFIELD HIP C MI-8 IDENTIFICATION	090004N	0384338E	ET	S080460
LIDDETTA AIRFIELD MILITARY ACTIVITY	090004N	0384338E	ET	S081322
LIDDETTA AIRFIELD MILITARY ACTIVITY	090004N	0384338E	ET	
ABA TENNA DEJAZMATCH YILMA AIRFIELD WAR ACT	093720N	0415103E	ET	S081174
ABA TENNA DEJAZMATCH YILMA AIRFIELD DMG + DEF	093720N	0415103E	ET	S081227
ABA TENNA DEJAZMATCH YILMA AFLD ACT INCREASE	093720N	0415103E	ET	S080937

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
JIJIGA EVACUATION POST-BATTLE		092140N 0424020E	ET	S081376
JIJIGA BATTLE AREA		092100N 0424810E	ET	S081326
HARGEISA MILITARY AREA EAST INCREASED MIL ACT		093246N 0440532E	SO	S081501
HARGEISA SA-2 SITE IDENTIFICATION		093100N 0440620E	SO	S079239
BERBERA SA-2 SITE IDENTIFICATION		102130N 0445945E	SO	
BERBERA PORT FACILITIES AFDM FLOATING DRYDOCK		102630N 0450030E	SO	S081185
BURAO MILITARY BARRACKS GROUND FORCE EQUIP		093152N 0453245E	SO	S080759
BERBERA HF RADIO COMMUNICATIONS RECEIVER STA		102405N 0450200E	SO	S081186
BERBERA HF RADIO COMMUNICATIONS XMTR STATION		102725N 0450300E	SO	
BERBERA AIRFIELD NEW FISHBED H MIG-21 IDENT		102400N 0445600E	SO	S080911
TUG WAJALE BOMB DAMAGE		093557N 0431959E	SO	S081494
KABRADAHARE MILITARY BKS/HQ BRGD HOSTILITIES		064440N 0441549E	ET	S080925
LUMUT KAMPONG LIQUIFIED NATURAL GAS PLT SHELL		044013N 1142730E	BX	S080103
SINGAPORE NAVAL BASE BRANI PULAU		011531N 1034959E	SN	S078856
SINGAPORE SHIPYARD JURONG		011831N 1034228E	SN	S078855
SINGAPORE PORT FACILITIES KEPPEL HARBOR EXPSN		011610N 1035015E	SN	S078228
MOGADISCIO SAM SUPPORT FACILITY SA-3 EQUIP		020430N 0451700E	SO	S081387
MOGADISCIO SA-2 SITE 5 SA-3 EQUIPMENT IDENT		020755N 0451715E	SO	
UANLE UEN AIRFIELD BEAR D TU-95 IDENT		024032N 0444730E	SO	S078255
CHISIMAI PORT FACILITIES MOL CLASS PTF IDENT		002214S 0423313E	SO	S079933
DJAKARTA PETROLEUM PRODUCTS STORAGE EAST		060811S 1065339E	ID	S080104
CAPITAN MONTES AIRFIELD FITTER A/C + CONTS		043353S 0811510W	PE	S080677
CABINDA HF RADIO COMMUNICATIONS STATION IDENT		053400S 0121200E	AO	S079866

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NEGAGE MILITARY INSTALLATION U/C TANK BN	074530S	0151550E	AO	S080697
NEGAGE AIRFIELD MILITARY ACTIVITY INCREASE	074534S	0151647E	AO	S079949
NEGAGE AIRFIELD MILITARY ACTIVITY INCREASE	074534S	0151647E	AO	
TABORA AIRFIELD RUNWAY CONSTRUCTION	050421S	0325015E	TZ	S080021
DAR ES SALAAM AW RADAR FACILITY SW	065322S	0391039E	TZ	S078927
DAR ES SALAAM SA-3 SITE 1 IDENTIFICATION	064400S	0391630E	TZ	S078364
DAR ES SALAAM SA-3 SITE 1 IDENTIFICATION	064400S	0391630E	TZ	S078371
DAR ES SALAAM SA-3 SITE 1	064400S	0391630E	TZ	S078235
DAR ES SALAAM SA-3 SITE 2 IDENTIFICATION	064900S	0391830E	TZ	S078364
DAR ES SALAAM SA-3 SITE 2 IDENTIFICATION	064900S	0391830E	TZ	S078371
DAR ES SALAAM SA-3 SITE 2	064900S	0391830E	TZ	S078235
DAR ES SALAAM SA-3 SITE 2	064900S	0391830E	TZ	S078927
DAR ES SALAAM SA-3 SITE 3	064900S	0391200E	TZ	S078235
DAR ES SALAAM SA-3 SITE 3 IDENTIFICATION	064900S	0391200E	TZ	S078371
DAR ES SALAAM SA-3 SITE 3 IDENTIFICATION	064900S	0391200E	TZ	S078364
DAR ES SALAAM SA-3 SITE 4	065400S	0391200E	TZ	S078235
DAR ES SALAAM SA-3 SUPPORT FACILITY	065400S	0391700E	TZ	
DAR ES SALAAM SA-3 SUPPORT FACILITY IDENT	065400S	0391700E	TZ	S078371
DAR ES SALAAM SA-3 SUPPORT FACILITY IDENT	065400S	0391700E	TZ	S078364
DAR ES SALAAM SA-3 SUPPORT FACILITY	065400S	0391700E	TZ	S078927
DAR ES SALAAM SA-3 SUPPORT FACILITY PROB	065500S	0391600E	TZ	S078235
DAR ES SALAAM SA-3 SUPPORT FACIL PROB IDENT	065500S	0391600E	TZ	S078371
DAR ES SALAAM SA-3 SUPPORT FACIL PROB IDENT	065500S	0391600E	TZ	S078364

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SUBJECT	IDHS CODE	COORD	CoUN	ACCN NO.
DAR ES SALAAM PORT FACILITIES BRDM-2 IDENT		065000S 0392000E	TZ	S079938
DAR ES SALAAM PORT FACILITIES BRDM-2 IDENT		065000S 0392000E	TZ	
DAR ES SALAAM ARMY BARRACKS MGULANI RDR TRNG		065100S 0391639E	TZ	S078927
LUVUA ROCKET LAUNCH SITE IDENT		084815S 0251920E	CG	S081367
LUSO AIRFIELD MTRZD RIFLE/AD OBSTACLE COURSES		114521S 0195150E	AO	S079887
LUSO AIRFIELD MTRZD RIFLE/AD OBSTACLE COURSES		114521S 0195150E	AO	
KASAJI AIRFIELD BUFFALO DHC-5		102215S 0232515E	CG	S080248
KASAJI MILITARY ACTIVITY INCREASE		102249S 0232736E	CG	S080238
CALLAO EXOCET MISSILE TEST/MAINT FAC PROB U/C		120249S 0770825W	PE	S079886
LIMA ARMY BARRACKS + SCHOOL SA-3 UNIT IDENT		120954S 0770124W	PE	S081861
MOCAMEDES AIRFIELD NEW IDENTIFICATION		151600S 0120900E	AO	S079859
NACALA PORT FACILITIES		143212S 0404015E	MZ	S082080
BEIRA PORT FACILITIES SOVIET NAVAL VSLs IDENT		194932S 0345005E	MZ	S080765
BEIRA PORT FACILITIES		194932S 0345005E	MZ	S082080
MPACHA AIRFIELD		173800S 0241100E	WA	S081364
GROOTFONTEIN ARMY CAMP ARMORED UNIT		193630S 0180810E	WA	S079604
GROOTFONTEIN AIRFIELD EXPANSION		193600S 0180800E	WA	
GROOTFONTEIN AIRFIELD CONSTRUCTION ACTIVITY		193600S 0180800E	WA	S081364
RUNTU AIRFIELD CONSTRUCTION ACTIVITY		175800S 0194400E	WA	
ONDANGUA AIRFIELD MILITARY ACTIVITY INCREASE		175300S 0155800E	WA	S079946
ONDANGUA AIRFIELD MILITARY ACTIVITY INCREASE		175300S 0155800E	WA	
ONDANGUA AIRFIELD CONSTRUCTION ACTIVITY		175300S 0155800E	WA	S081364
RUACANA AIRFIELD CONSTRUCTION ACTIVITY		172500S 0142200E	WA	
CAMIARA ARMY BARRACKS + HQ T-55 TANKS IDENT		174205S 0705050W	PE	S079867

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
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LOURENCO MARQUES PORT FACS SOV NAV VSLs IDENT		255830S 0323415E	MZ	5080764
LOURENCO MARQUES PORT FACILITIES		255830S 0323415E	MZ	5082080
BOANE ARMY BARRACKS/TRAINING CTR ACT INCREASE		260210S 0322020E	MZ	5081378
BOANE ARMY BARRACKS + TRNG CTR T-34/APC IDENT		260210S 0322020E	MZ	5081317
BOANE ARMY BARRACKS + TRNG CTR T-34/APC IDENT		260210S 0322020E	MZ	
BOANE ARMY BARRACKS/TRAINING CTR ACT INCREASE		260210S 0322020E	MZ	5081378
LOURENCO MARQUES ORDNANCE DPO SOV EQUIP IDENT		255720S 0323522E	MZ	5081589
SKUKUZA AIRFIELD ACTIVITY INCREASE		245745S 0313510E	SF	5079945

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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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	CAPE TOWN RADIO RELAY STATION NE		335000S 0183627E	SF	S081873
	CAPE TOWN RADIO RELAY STATION		335542S 0182501E	SF	
	CAPE TOWN RADIO COMMO RCVR INTERNATIONAL UK		335235S 0183020E	SF	
	SIMONDSTOWN PETROLEUM PRODUCTS STORAGE SOUTH		341132S 0182638E	SF	S078089

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TOP SECRET CHESS RUFF

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PART VI

Listing of Reports by Accession Number

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DIA IIM 5B3-1311-76 18 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078025 25X1

GABROVNITSA AIRFIELD AAM STORAGE POTENTIAL BU 433240N 0231624E
WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 23
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

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DIA IIM 5B3-1314-76 18 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078027 25X1

GRAF IGNATIEVO AIRFIELD AAM STORAGE POTENTIAL BU 421732N 0244249E
WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 30
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

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25X1

DIA IIM 5B3-1319-76 14 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078028 25X1

KYURDAMIR AAM SUPPORT FACILITY UR 401635N 0480935E
WAC NO : 0325 BE/OBJ NO: [] NPIC NO : - 32
IDHS CODE: [] EPF CAT : 40J COMIREX NO: []

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25X1

DIA IIM 5B2-1332-76 15 OCT 76 [] SEC CLASS: 13 MSN: [] 5P ACCN: S078029 25X1

KHAVAST PETROLEUM PRODUCTS STGE RESERVE U/G UR 401317N 0685200E
WAC NO : 0328 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 80A COMIREX NO:

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25X1

NPIC MEMO [] 19 OCT 76 [] SEC CLASS: 14B MSN: [] 20P ACCN: S078030 25X1

OLENEGORSK HEN HOUSE ABM RADAR FACILITY UR 680650N 0335434E
WAC NO : 0051 BE/OBJ NO: [] NPIC NO : - 18-N
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
SARY SHAGAN MTC R+D RADAR FACILITY 1 UR 460010N 0733859E
WAC NO : 0245 BE/OBJ NO: [] NPIC NO : - 2-C

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IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
 SARY SHAGAN MTC R+D RADAR FACILITY PROB UR 455800N 0733810E
 WAC NO : 0245 BE/OBJ NO: [] NPIC NO : - 2-D1
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

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MEASUREMENTS AND PHOTOGRAPHS OF SELECTED RADARS UNDER CONSTRUCTION AT OLENEGORSK, SARY-SHAGAN R+D RADAR FACILITY 1, AND SARY-SHAGAN PROBABLE R+D RADAR FACILITY ARE INCLUDED IN THIS MEMORANDUM.*

NPIC MEMO [] 19 OCT 76 [] SEC CLASS: 14B MSN: 2P ACCN: S078031 25X1

PRAVAYA KHETTA TWIN DISH TROPOSCATTER STATION UR 655115N 0742854E
 WAC NO : 0094 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:
 MAKAROV TWIN DISH TROPOSCATTER STATION UR 483900N 1424547E
 WAC NO : 0205 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:

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KEYHOLE PHOTOGRAPHY FROM JAN 1976 TO THE PRESENT [] WAS SEARCHED TO IDENTIFY TWIN DISH TROPOSCATTER STATIONS WITHIN 10 NAUTICAL MILES OF URENGOY, PRAVAYA KHETTA, MAKAROV, AND ARGUNSKOYE. IDENTIFICATION WAS MADE AT PRAVAYA KHETTA AND MAKAROV.*

NPIC MEMO [] 01 OCT 76 [] SEC CLASS: 13 MSN: [] 5P ACCN: S078032 25X1

VLADIMIROVKA ADVANCED WEAPONS CPLX TGT AREA UR 4818 N 04613 E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 40E COMIREX NO:

25X1

NPIC NBRG NCA07-5001-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078033

GRODNO ARMY BARRACKS AL9 UR 533825N 0235015E
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 22-J2
 IDHS CODE: [] EPF CAT : 35A COMIREX NO:

25X1

25X1

NPIC NBRG NCA07-5002-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078034

VOLKA ARMY BARRACKS AL1 UR 524756N 0253857E
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 198
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1

25X1

NPIC NBRG NCA07-5003-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078035

GOMEL ARMY BARRACKS SW AL2 UR 522505N 0305613E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 16-L

25X1

1184
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1

NPIC NBRG NCA07-5004-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078036

VITEBSK ARMY BARRACKS CENTRAL AL6 UR 551113N 0301113E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 84-D2
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

NPIC NBRG NCA07-5005-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078037

SOVETSK ARMY BARRACKS AL4 UR 550853N 0213915E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 69-Q
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

NPIC NBRG NCA07-5006-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078038

OSIPOVICH I ARMY BARRACKS NE AL1 UR 531819N 0283931E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 51-G
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

NPIC NBRG NCA07-5007-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078039

ZNAMENSK ARMY BARRACKS AL1/SA-4 SUPPORT FACIL UR 543605N 0211403E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 96-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []
ZNAMENSK ARMY BARRACKS AL1/SA-4 SUPPORT FACIL UR 543605N 0211403E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 96-A
IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1

NPIC NBRG NCA07-5008-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078040

KALININGRAD ARMY BARRACKS LUGOVOYE AL15 UR 544005N 0203855E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 59-A1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

NPIC NBRG NCA07-5009-76 13 OCT 76 SEC CLASS: 05B MSN: 1P ACCN: S078041

KALININGRAD ARMY BARRACKS NW AL14 UR 544420N 0202737E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 59-G
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

NPIC BIIR RCA09-0032-76 OCT 76 [] SEC CLASS: 25 X MSN: [] 8P ACCN: S078042

25X1

1185
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

LENINGRAD APPLIED CHEMISTRY INSTITUTE	UR	595655N 0301802E
WAC NO : 0153	BE/OBJ NO:	NPIC NO : - 36-F5
IDHS CODE:	EPF CAT : 65A	COMIREX NO:
PETROKREPOST EXPLOSIVES/SOLID MTR PLT MOROZOV	UR	595914N 0305935E
WAC NO : 0153	BE/OBJ NO:	NPIC NO : - 156
IDHS CODE:	EPF CAT : 40E	COMIREX NO:
PETROKREPOST EXPLOSIVES/SOLID MTR PLT MOROZOV	UR	595914N 0305935E
WAC NO : 0153	BE/OBJ NO:	NPIC NO : - 156
IDHS CODE:	EPF CAT : 35G	COMIREX NO:
LENINGRAD SOLID MOTOR TEST FACILITY 1	UR	600401N 0303615E
WAC NO : 0103	BE/OBJ NO:	NPIC NO : - 42-T2
IDHS CODE:	EPF CAT : 40E	COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

THIS REPORT PROVIDES AN INITIAL BASIC STUDY OF THE LENINGRAD STATE INSTITUTE OF APPLIED CHEMISTRY (GIPKH) AND UPDATES INFORMATION ON PETROKREPOST EXPLOSIVES AND SOLID MOTOR PLANT MOROZOV AND LENINGRAD SOLID MOTOR TEST FACILITY 1, TWO FACILITIES WHICH ARE PART OF A LARGE RESEARCH HIERARCHY IN THE LENINGRAD AREA HEADED BY THE INSTITUTE.

A LOCATION MAP OF THE FACILITIES, A TABLE PROVIDING A CONSTRUCTION CHRONOLOGY OF GIPKH, AND THREE ANNOTATED PHOTOGRAPHS ARE INCLUDED IN THIS REPORT.

NPIC BIR RCA05-0001-77 OCT 76 [] SEC CLASS: 14D MSN: [] 9P

ACCN: S078043 25X1

AIRFIELDS, AIR FORCE ACTIVITY SUMMARY	KN
WAC NO :	NPIC NO :
IDHS CODE:	COMIREX NO:
BE/OBJ NO:	
EPF CAT : 05	

THIS SPECIAL BASIC REPORT CONTAINS INFORMATION ON JET-CAPABLE AIRFIELDS, TRANSPORT/UTILITY AIRFIELDS, HIGHWAY AIRSTRIPS, AND AIR ORDER-OF-BATTLE IN NORTH KOREA. THE INFORMATION IN THIS REPORT IS DERIVED FROM KEYHOLE PHOTOGRAPHY ACQUIRED BETWEEN JUNE 1975 AND MAY 1976.

THIS REPORT UPDATES NPIC [] AND INCLUDES THREE LOCATION MAPS, FOUR ANNOTATED PHOTOGRAPHS, AND THREE TABLES.

25X1

SINCE MID-1975, NORTH KOREA HAS CONTINUED TO EMPHASIZE AIR FACILITY EXPANSION AND MODERNIZATION. SALIENT DEVELOPMENTS OBSERVED INCLUDE SUPPORT FACILITY CONSTRUCTION AT SEVEN JET-CAPABLE AIRFIELDS, CONSTRUCTION OF A SECOND RUNWAY AT A JET AIRFIELD, IDENTIFICATION OF AN OPERATIONAL SEAPLANE STATION, IDENTIFICATION OF A NEW TRANSPORT/UTILITY AIRFIELD AND A NEW HIGHWAY AIRSTRIP, AND SUBSTANTIAL CHANGES IN AIRCRAFT DEPLOYMENT.

25X1

1186
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC BIIR RCA09-0033-76 OCT 76 SEC CLASS: 25B MSN: 9P ACCN: S078045

25X1
25X1

SEVERODVINSK SHIPYARD 402	WAC NO : 0092	BE/OBJ NO:	UR 643438N 0394832E
	IDHS CODE:	EPF CAT : 75E	NPIC NO : - 7-A
SEVERODVINSK SHIPYARD YAGRY OSTROV	WAC NO : 0092	BE/OBJ NO:	COMIREX NO: 643514N 0394907E
	IDHS CODE:	EPF CAT : 75E	NPIC NO : - 7-K
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	WAC NO : 0092	BE/OBJ NO:	COMIREX NO: 643445N 0394716E
	IDHS CODE:	EPF CAT : 75A	NPIC NO : - 8
SEVERODVINSK NAVAL BASE WEST	WAC NO : 0092	BE/OBJ NO:	COMIREX NO: 643420N 0394551E
	IDHS CODE:	EPF CAT : 75B	NPIC NO : - 7-L
			COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

THIS REPORT DESCRIBES SIGNIFICANT ACTIVITY AT SEVERODVINSK SHIPYARD COMPLEX, USSR, THE FOUR INSTALLATIONS THAT MAKE UP THE COMPLEX WERE COVERED ON USABLE KEYHOLE PHOTOGRAPHY

25X1
25X1

SIGNIFICANT EVENTS THAT HAVE OCCURRED AT THE COMPLEX SINCE THE PREVIOUS ACTIVITY REPORT INCLUDE THE LAUNCH OF THE FIFTH AND SIXTH D-II NUCLEAR-POWERED BALLISTIC MISSILE SUBMARINES (SSBNs), THE LAUNCH OF A NEW NUCLEAR-POWERED ATTACK SUBMARINE (SSN), AND AN INCREASE IN THE NUMBER OF LARGE BALLAST CANS.

THIS REPORT CONTAINS A PHOTOGRAPH OF THE SEVERODVINSK SHIPYARD COMPLEX AND THREE ANNOTATED PHOTOGRAPHS. ALSO INCLUDED IN THIS REPORT IS A PLAN OF THE SHIPYARD COMPLEX SHOWING THE MAJOR COMPONENTS AND REPORTING POSITIONS. THE REPORTING POSITIONS ARE PRESENTLY BEING REVIEWED, AND UPDATED INFORMATION WILL BE INCORPORATED IN THE NEXT ACTIVITY REPORT.

THE SEVERODVINSK SHIPYARD COMPLEX, USSR, COMPRISES FOUR INSTALLATIONS -- SHIPYARD 402, SHIPYARD YAGRY ISLAND, THE NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY, AND NAVAL BASE WEST.

CIA BIIR RCS13-0041-76 SEP 76 SEC CLASS: 13 MSN: 11P ACCN: S078046

25X1
25X1

INDUSTRY, IRON/STEEL PLTS HEILUNGCHIANGSHENG	WAC NO :	BE/OBJ NO:	CH
	IDHS CODE:	EPF CAT : 30C	NPIC NO :
			COMIREX NO:

IN EARLY 1976 HEILUNGKIANG PROVINCE HAD 32 PLANTS ENGAGED IN THE PRODUCTION OF IRON, STEEL, AND ROLLED

25X1

1187
TOP SECRET CHESS RUFF

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1

25X1

STEEL PRODUCTS. THIRTY ARE PIG IRON PLANTS, ONE IS AN IRON AND STEEL PLANT, AND ONE IS A STEEL PLANT. MOST OF THE PLANTS ARE LOCATED IN THE EASTERN HALF OF THE PROVINCE.

THERE ARE 50 SMALL BLAST FURNACES AT THE PLANTS WHICH ARE CAPABLE OF PRODUCING AN ESTIMATED 2,810 METRIC TONS OF PIG IRON PER DAY. TWO STEEL FURNACE BUILDINGS ARE IN USE. ONE CONTAINS OPEN-HEARTH FURNACES AND ONE CONTAINS POSSIBLE ELECTRIC FURNACES. IN ADDITION, THERE ARE TWO OPERATIONAL ROLLING MILLS WITH A TOTAL ROOF COVER OF AT LEAST 53,440 SQUARE METERS.

CONSTRUCTION WAS EVIDENT AT FOUR PLANTS. TWO COKE OVEN BATTERIES, A COKE BY-PRODUCTS SECTION, AN AIR SEPARATION PLANT, AN UNIDENTIFIED BUILDING, AND ADDITIONS TO THE POSSIBLE ELECTRIC FURNACE BUILDING AND TO A ROLLING MILL WERE IN VARIOUS STAGES OF CONSTRUCTION.

THIRTEEN OF THE PLANTS WERE OPERATING WHEN SEEN ON THE LATEST AVAILABLE PHOTOGRAPHY.

THIS REPORT SUMMARIZES THE PRODUCTION FACILITIES AT EACH PLANT AND PROVIDES GRAPHICS OF SELECTED PLANTS AS WELL AS A MAP SHOWING PLANT LOCATIONS. THE CUTOFF DATE FOR INFORMATION IN THIS REPORT IS MAY 1976.

25X1

[REDACTED] 1188 TOP SECRET CHESS RUFF [REDACTED]

25X1

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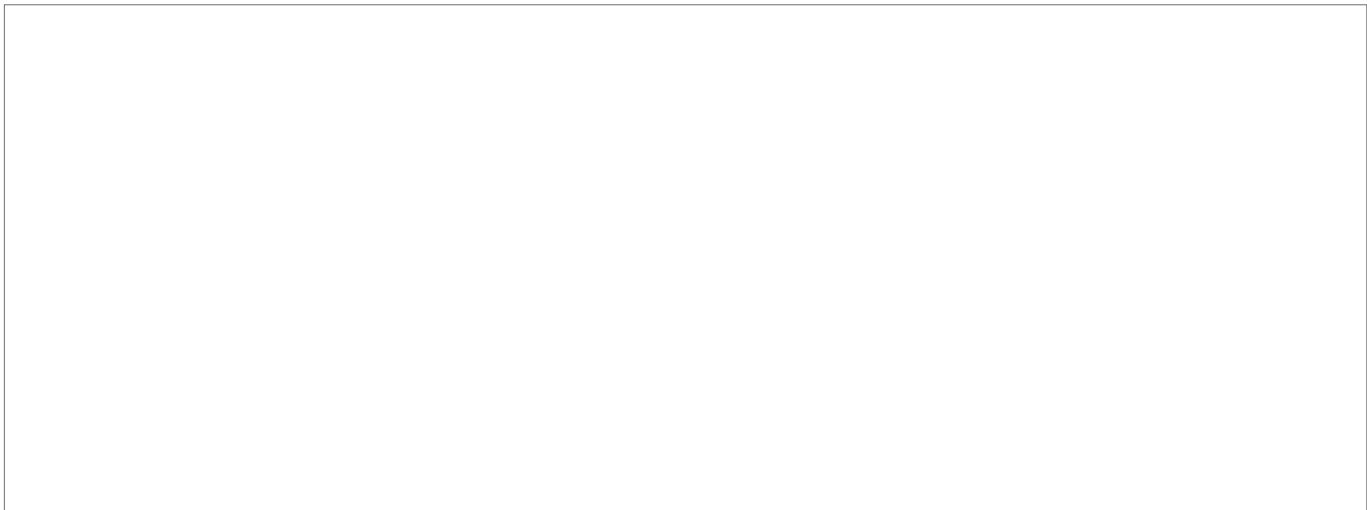
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TOP SECRET CHESS RUFF



25X1



25X1

CIA BIIR RCS13-0036-76 SEP 76 [redacted] SEC CLASS: 13 MSN: [redacted] 12P

ACCN: 5078048 25X1

INDUSTRY, PHOSPHATE FERTILIZER PLANTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30F COMIREX NO:

CHINA'S PHOSPHATE FERTILIZER INDUSTRY, UNLIKE ITS LARGER, MORE MODERN, NITROGEN FERTILIZER INDUSTRY, IS RELATIVELY SMALL AND ANTIQUATED BY WESTERN STANDARDS. THE CHINESE ARE CURRENTLY MAKING THREE TYPES OF PHOSPHATE FERTILIZER -- CRUSHED PHOSPHATE ROCK, FUSED CALCIUM MAGNESIUM PHOSPHATE (CMP), AND SINGLE SUPERPHOSPHATE. ALL ARE LOW-GRADE PHOSPHATE FERTILIZERS AND UNIMPORTANT IN THE MORE INDUSTRIALIZED COUNTRIES OF THE WORLD. IN THE UNITED STATES, THE MAIN PHOSPHATE FERTILIZERS ARE TRIPLE SUPERPHOSPHATE AND AMMONIATED PHOSPHATES, WHICH REPORTEDLY ARE MADE IN ONLY SMALL QUANTITIES AT ONE PLANT IN CHINA.

IN THE MID-TO-LATE 1950S, THE CHINESE BEGAN TO CONSTRUCT PLANTS TO MAKE A CHEMICALLY PRODUCED PHOSPHATE FERTILIZER -- SINGLE SUPERPHOSPHATE. THEY CONCURRENTLY BEGAN MAKING THERMALLY PRODUCED FUSED CMP AND PROBABLY CRUSHED PHOSPHATE ROCK. BY 1969, 60 KNOWN CMP AND SINGLE SUPERPHOSPHATE PLANTS WERE OPERATIONAL AND AT LEAST FOUR OTHERS WERE UNDER CONSTRUCTION. SINCE THAT TIME, AT LEAST FOUR ADDITIONAL PLANTS HAVE BEEN CONSTRUCTED, FOR A TOTAL OF AT LEAST 68, AND THERE HAS BEEN LIMITED EXPANSION OF AND PROBABLY SOME

1190
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

TECHNOLOGICAL IMPROVEMENTS TO THE EXISTING PLANTS. BECAUSE OF THE LARGE NUMBER AND SMALL SIZE OF THE CRUSHED PHOSPHATE ROCK PLANTS, WE HAVE NOT ATTEMPTED TO IDENTIFY THEM ON PHOTOGRAPHY.

THE STEADY GROWTH OF THE PHOSPHATE AND NITROGEN FERTILIZER INDUSTRIES FROM THE LATE 1950S THROUGH THE LATE 1960S PROBABLY MAINTAINED A BALANCE BETWEEN THE TWO SOIL NUTRIENTS. HOWEVER, THE RAPID EXPANSION AND MODERNIZATION OF THE NITROGEN MAY CREATE A RELATIVE DEFICIENCY IN PHOSPHATE FERTILIZER.

WE ESTIMATE THAT THE CURRENT CHINESE SUPERPHOSPHATE FERTILIZER PRODUCTION CAPACITY IS AT LEAST 3.5 MILLION METRIC TONS PER YEAR (MMT/YR), WITH FUSED CMP ACCOUNTING FOR APPROXIMATELY 1.8 ADDITIONAL MMT/YR. THE AMOUNT OF CRUSHED ROCK APPLIED DIRECTLY TO THE SOIL IS UNKNOWN, BUT IT HAS BEEN ESTIMATED TO BE MORE THAN 6 MMT/YR.

CIA BIR RCS13-0042-76 SEP 76 [] SEC CLASS: 13 MSN: [] 6P ACCN: 5078049

25X1

BEREZNIKI CHEMICAL COMBINE
 WAC NO : 0156 BE/OBJ NO: [] UR 592419N 0564419E
 IDHS CODE: [] EPF CAT : 30F NPIC NO : 2-R
 COMIREX NO: []

25X1

225X1

25X1

1191
 TOP SECRET CHESS RUFF

25X1

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TOP SECRET CHESS RUFF



25X1



25X1

DIA IIM

5C-03344-76

27 OCT 76



SEC CLASS: 13

MSN:



2P

ACCN: S07808

25X1

1202
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

NIUHO POL STORAGE AREA REGIONAL

WAC NO : 0289
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 80A

CH 412120N 1193840E
NPIC NO : - 32
COMIREX NO:

25X1
25X1

DIA IIM 5C-03339-76 27 OCT 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S078088

25X1

NIUHSINTAI POL STORAGE AREA REGIONAL

WAC NO : 0290
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 80A

CH 412210N 1235450E
NPIC NO : - 112-H
COMIREX NO:

25X1
25X1

DIA IIM 5D-05638-76 20 OCT 76 [] SEC CLASS: 14 X MSN: [] 3P

ACCN: S078089

25X1

SIMONDSTOWN PETROLEUM PRODUCTS STORAGE SOUTH

WAC NO : 1422
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 80A

SF 341132S 0182638E
NPIC NO :
COMIREX NO:

25X1
25X1

25X1

DIA IIM 5B3-1328-76 21 OCT 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S078093

25X1

TENEVO AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

BU 422052N 0263427E
NPIC NO : - 22-C
COMIREX NO: []

25X1
25X1

25X1

1203
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

DIA IIM 5B2-1261-76 OCT 76 [] SEC CLASS: 14B MSN: [] 8P ACCN: S0780925X1

SPLIT PORT FACILITIES NORTH

WAC NO : 0321

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 75I

YO 433139N 0162820E

NPIC NO : - 8-A

COMIREX NO:

25X1

25X1

DIA IIM 5B2-1260-76 OCT 76 [] SEC CLASS: 14B MSN: [] 5P ACCN: S0780925X1

SPLIT PORT FACILITY SOUTH

WAC NO : 0321

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 75I

YO 433009N 0162625E

NPIC NO : - 8-A2

COMIREX NO:

25X1

25X1

25X1

DIA NBRG NDA07-5118-76 18 OCT 76 SEC CLASS: 05B MSN: [] 1P ACCN: S078099

ORZYSZ TACTICAL SSM BARRACKS + AMMUNITION DPO

WAC NO : 0168

IDHS CODE: []

ORZYSZ TACTICAL SSM BARRACKS + AMMUNITION DPO

WAC NO : 0168

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35A

BE/OBJ NO: []

EPF CAT : 35F

PL 534800N 0215649E

NPIC NO : - 50-A

COMIREX NO: []

PL 534800N 0215649E

NPIC NO : - 50-A

COMIREX NO: []

25X1

25X1

25X1

25X1

DIA NBRG NDA07-5119-76 18 OCT 76 SEC CLASS: 05B MSN: [] 1P ACCN: S078100

1204
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

CHOSZCZNO TACTICAL SSM BARRACKS 1 PL 530959N 0152625E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 270-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5120-76 18 OCT 76 SEC CLASS: 05B MSN: [] 1P ACCN: S078101

MIEDZYRZECZ ARMY BARRACKS 1 PL 522618N 0153410E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 263
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA BIIB BDA08-0001-76 OCT 76 TCS-609783-76 SEC CLASS: 14B MSN: [] 3P ACCN: S078102

BALAKLAVA COASTAL DEFENSE CRUISE MSL SITE 2 UR 442950N 0333812E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 62-U2
IDHS CODE: [] EPF CAT : 40K COMIREX NO: []

25X1
25X1

THIS BRIEF HAS BEEN PREPARED IN ACCORDANCE WITH DIA RESPONSIBILITIES FOR THIRD-PHASE IMAGERY EXPLOITATION UNDER THE NATIONAL TASKING PLAN TO UPDATE EXISTING BASIC REPORTS. IT UPDATES NPIC, RCA-25/0005/70, [] BALAKLAVA POSSIBLE MISSILE RELATED FACILITIES 1 AND 2 (BALAKLAVA POSSIBLE CRUISE MISSILE LAUNCH SITES 1 AND 2), U.S.S.R., APR 70, WHICH IS THE BASIC REPORT FOR THIS INSTALLATION. THE PREVIOUS UPDATE OF THE BASIC REPORT IS DIA, BDA-08/0001/72, [] BALAKLAVA COASTAL DEFENSE SITE 2 CM TSR, U.S.S.R., MAR 72. ALL PERTINENT IMAGERY AVAILABLE TO THIS AGENCY ON THE REPORTING CUTOFF DATE OF 1 APRIL 1976 HAS BEEN UTILIZED. PLEASE NOTE CHANGES IN THE INSTALLATION NAME, CATEGORY, AND B.E. NUMBER.

25X1

25X1

THE INSTALLATION CONTAINS A LAUNCH AREA, WHICH HAS TWO HARDENED LAUNCH POSITIONS AND A GUIDANCE AREA, AND A NEARBY SUPPORT AREA. THE SITE IS COMPLETE AND OPERATIONAL. SEPAL (SSC-1B) TRANSPORTER-ERECTOR-LAUNCHERS (TELS) WERE IDENTIFIED AT THE SITE FOR THE FIRST TIME IN JUNE 1974.

NPIC BRAD Z1203-76 05 OCT 76 SEC CLASS: 05 MSN: [] 2P ACCN: S078103

LAPICHI ARMY BARRACKS AL1 SP GUN LARGE NEW UR 532532N 0282944E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 51-B
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

THE FIRST DEPLOYMENT OF THE SOVIET ARMY'S NEW LARGE-CALIBER SELF-PROPELLED GUN WAS SEEN ON PHOTOGRAPHY OF 28 AUGUST 1976 OF LAPICHI ARMY BARRACKS OSIPOVICHI AL 1.*

NPIC BRAD Z1204-76 07 OCT 76 SEC CLASS: 05 MSN: [] 2P ACCN: S078104

BAKU AMPHIBIOUS TRAINING AREA EXERCISE UR 401250N 0493318E
WAC NO : 0325 BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 35B COMIREX NO: []
MILITARY, BTR-60PB APC UR

25X1
25X1

1205
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE : EPF CAT : 35E COMIREX NO :
 SHIPS, POLNOCNY CLASS LSM UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE : EPF CAT : 75D COMIREX NO :

25X1

PHOTOGRAPHY [REDACTED] SHOWED AN AMPHIBIOUS EXERCISE IN PROGRESS ON THE SHORE OF THE CASPIAN SEA 15 NM SOUTHWEST OF BAKU. THREE POLNOCNY LSM, FIVE BTR-60PB, FIVE BTR-60P AND TWO POSSIBLE BTR-60 WERE PRESENT.*

25X1

NPIC BRAD Z1205-76 15 OCT 76 SEC CLASS: 05 MSN: 2P ACCN: S078105

OMSK AW RADAR FACILITY EW REGIMENT IDENT UR 545930N 0733940E
 WAC NO : 0163 BE/OBJ NO : NPIC NO : - 5-S1
 IDHS CODE : EPF CAT : 25A COMIREX NO :

25X1

25X1

THE FIFTH EARLY WARNING REGIMENT IDENTIFIED IN THE USSR WAS SEEN ON PHOTOGRAPHY [REDACTED] AT OMSK AIR WARNING RADAR FACILITY.*

25X1

NPIC BRAD Z1206-76 18 OCT 76 SEC CLASS: 05 MSN: 2P ACCN: S078106

LVOV/SKNILOV AIRFIELD M-15 AGRICULTURAL A/C UR 494847N 0235707E
 WAC NO : 0232 BE/OBJ NO : NPIC NO : - 95-A
 IDHS CODE : EPF CAT : 05A COMIREX NO :
 MIELEC AIRFRAME PLANT M-15 AGRICULTURAL A/C PL 501838N 0212740E
 WAC NO : 0232 BE/OBJ NO : NPIC NO : - 99-A
 IDHS CODE : EPF CAT : 05G COMIREX NO :
 AIRCRAFT, M-15 AGRICULTURAL BI-PLANE PL
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE : EPF CAT : 05D COMIREX NO :

25X1

25X1

25X1

25X1

A TOTAL OF 16 M-15 AGRICULTURAL AIRCRAFT WERE OBSERVED AT LVOV/SKNILOV AIRFIELD, USSR, AND AT MIELEC AIRFRAME PLANT WSK, POLAND, ON PHOTOGRAPHY OF 31 AUGUST 1976. THIS IS THE HIGHEST NUMBER EVER SEEN ON PHOTOGRAPHY, AND INDICATES THAT THE AIRCRAFT IS PROBABLY IN SERIES PRODUCTION.*

NPIC BRAD [REDACTED] 05 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: S078106

25X1

PERM SOLID MOTOR PRODUCTION PLANT MODIFS UR 575906N 0555320E
 WAC NO : 0156 BE/OBJ NO : NPIC NO : - 16-U1
 IDHS CODE : EPF CAT : 40E COMIREX NO :
 BIYSK SOLID MOTOR PRODUCTION PLANT 1 MODIFS UR 522905N 0850710E
 WAC NO : 0161 BE/OBJ NO : NPIC NO : - 6-A
 IDHS CODE : EPF CAT : 40E COMIREX NO :

25X1

25X1

25X1

25X1

1206 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25A1

MODIFICATIONS TO PERM SOLID MOTOR PRODUCTION COMPLEX AND BIYSK SOLID MOTOR PRODUCTION PLANT WERE OBSERVED ON PHOTOGRAPHY OF APRIL 1975 THROUGH SEPTEMBER 1976. THESE ARE THE ONLY TWO COMPOSITE-MODIFIED DOUBLE-BASE PROPELLANT PRODUCTION PLANTS FOR SERIES PRODUCTION OF ROCKET MOTORS IN THE USSR. THE EXTENSIVE MODIFICATION INDICATES NEW SOLID MOTOR SERIES PRODUCTION PROGRAMS ARE PLANNED.*

NPIC BRAD [] 05 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078108

25X1
25A1

LAPICHI ARMY BARRACKS AL1 SP GUN LARGE NEW UR 532532N 0282944E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 51-R
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25A1

THE FIRST DEPLOYMENT OF THE SOVIET ARMY'S NEW LARGE-CALIBER SELF-PROPELLED GUN WAS SEEN ON PHOTOGRAPHY OF LAPICHI ARMY BARRACKS OSIPOVICH I AL 1.*

25X1

NPIC BRAD [] 07 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078109

25X1
25A1

BAKU AMPHIBIOUS TRAINING AREA EXERCISE UR 401250N 0493318E
WAC NO : 0325 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 35B COMIREX NO:
MILITARY, BTR-60PB APC UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:
SHIPS, POLNOCNY CLASS LSM UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1
25A1

25X1

NPIC BRAD [] 20 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078110

25X1
25A1

LENINGRAD SHIPYARD PETROVSKIY PETR B UR 595736N 0301512E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 36-W1
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25A1

PHOTOGRAPHY [] REVEALED THAT THE RECENTLY IDENTIFIED HYDROFOILS ON THE PETR B ARE RETRACTABLE.*

25X1

NPIC BRAD [] 20 OCT 76 [] SEC CLASS: 14 MSN: [] 2P ACCN: S078111

25X1
25A1

LA CACHIMBA SA-2 SITE A12 OCCUPIED SA-3 EQUIP CU 224502N 0822716W
WAC NO : 0586 BE/OBJ NO: [] NPIC NO : - 485-A
IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1
25A1

ON PHOTOGRAPHY [] AN SA-3 FOUR-RAIL LAUNCHER WAS OBSERVED IN EACH OF THREE SA-3 LAUNCH POSITIONS AT THE LA CACHIMBA SAM SITE A12-2. TWO OF THE LAUNCHERS WERE WITH MISSILES. THIS IS THE FIRST

25X1

1207
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDENTIFICATION OF AN OCCUPIED SA-3 SITE IN CUBA.**

NPIC BRAD [] 20 OCT 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: 507811-25X1

PECHORA PHASED-ARRAY RADAR FACILITY U/C UR 651230N 0571720E
WAC NO : 0093 BE/OBJ NO: [] NPIC NO : - 29-A
IDHS CODE: [] EPF CAT : 25A COMIREX NO:

25X1
25X1

ON PHOTOGRAPHY [] A SECOND PHASED-ARRAY RADAR WAS IDENTIFIED IN THE MID-STAGE OF CONSTRUCTION AT PECHORA. IT IS PROBABLE THAT THE SECOND RADAR WILL FUNCTION AS A TRANSMITTER AND THE FIRST WILL FUNCTION AS A RECEIVER FOR WHAT IS NOW ASSESSED AS A BISTATIC RADAR FACILITY.*

25X1

NPIC BRAD [] 21 OCT 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: 507811-25X1

KUYBYSHEV/BEZMYANKA AIRFIELD KIEV LZ SIMUL UR 531307N 0501940E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 18-B
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
SHIPS, KIEV CLASS CVSG LANDING AREA UR
WAC NO : [] BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 75D COMIREX NO:

25X1
25X1
25X1

THE FIRST SIGHTING OF A SIMULATED LANDING AREA OF THE KIEV CVSG WAS MADE FROM PHOTOGRAPHY [] OF KUYBYSHEV/BEZMYANKA AIRFIELD.**

25X1
25X1

25X1

1208
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

NPIC BRAD [] 21 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078116
LENINGRAD SOLID MOTOR TEST FACIL 3 SS-N-3/12 UR 601533N 0304440E
WAC NO : 0103 BE/OBJ NO: [] NPIC NO : - 42-T1
IDHS CODE: [] EPF CAT : 40G COMIREX NO: []

25X1
25X1
25X1
25X1

A SS-N-3/SS-NX-12-SIZED MISSILE AIRFRAME AND THREE ASSOCIATED MISSILE CRATES WERE SEEN AT THE LENINGRAD SOLID MOTOR TEST FACILITY 3 ON PHOTOGRAPHY [] THEIR APPEARANCE AT AN INSTALLATION INVOLVED IN THE R+D OF SOLID PROPELLANT ROCKET MOTORS SUGGESTS THAT THE SOVIETS MAY BE MODIFYING THE SS-N-3/SS-NX-12 MISSILE SYSTEM.*

25X1

NPIC BRAD [] 21 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078117
SARY SHAGAN MTC COMPLEX F ABM LAUNCH PSTN U/C UR 462629N 0725108E
WAC NO : 0245 BE/OBJ NO: [] NPIC NO : - 49-B6
IDHS CODE: [] EPF CAT : 40D COMIREX NO: []

25X1
25X1
25X1
25X1

AN ABM LAUNCH POSITION UNDER CONSTRUCTION NEAR SITE 3, LAUNCH COMPLEX F, SARY SHAGAN MTC WAS IDENTIFIED ON PHOTOGRAPHY [] THE CONSTRUCTION INDICATES RENEWED INTEREST IN THE ABM TEST PROGRAM.*

25X1

NPIC BRAD [] 21 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078118
HSIAN AIRFRAME PLANT YENLIANG 172 HSIAN A ACT CH 343854N 1091336E
WAC NO : 0385 BE/OBJ NO: [] NPIC NO : - 21-A
IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1
25X1
25X1

PHOTOGRAPHY [] PROVIDED CONFIRMATION THAT THREE HSIAN A PROTOTYPE AIRCRAFT HAVE BEEN PRODUCED. THE AIRCRAFT WERE SEEN IN REVENMENTS AT HSI-AN AIRFRAME PLANT YEN-LIANG 172.*

NPIC MEMO [] 27 OCT 76 [] SEC CLASS: 14B MSN: [] 4P ACCN: S078119
RYBINSK RADIO RELAY FACILITIES UR 5803 N 03849 E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1
25X1

PHOTOGRAPHY OF AUGUST 1975 THROUGH AUGUST 1976 WAS USED IN THIS ANALYSIS OF SELECTED RADIO-RELAY FACILITIES IN THE RYBINSK AREA OF THE USSR.*

NPIC MEMO [] 02 NOV 76 [] SEC CLASS: 14B MSN: [] 6P ACCN: S078120
VOLGOGRAD/ELISTA RADIO RELAY LINE UR 484425N 0443150E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 16-M7
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1
25X1

1209
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ELISTA/VOLGOGRAD RADIO RELAY LINE UR 461815N 0441200E
WAC NO : 0248 BE/OBJ NO: [] NPIC NO : - 22-B1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1

PHOTOGRAPHY [] WAS USED IN THIS ANALYSIS OF RADIO RELAY FACILITIES BETWEEN VOLGOGRAD AND ELISTA.*

25X1

NPIC MEMO [] 08 NOV 76 [] SEC CLASS: 14B MSN: [] 2P ACCN: S078122 25X1

YAMBOL COMMAND CONTROL FACILITY BKR HARD U/I BU 423040N 0263250E
WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 104-B
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []
RECHITSA COMMAND CONTROL FACIL BKR HARD U/I BU 423625N 0260920E
WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 82-C1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []
NOVA ZAGORA COMMAND CNTRL XMTR FAC BKR HARD BU 423303N 0255440E
WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 227-A
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1

[] NO CHANGES TO THE VEGETATION AROUND THE ANTENNAS WAS OBSERVED AT YAMBOL COMMAND AND CONTROL FACILITY/BUNKERED/HARD U/I, RECHITSA COMMAND AND CONTROL FACILITY/BUNKERED/HARD U/I, AND NOVA ZAGORA COMMAND AND CONTROL TRANSMITTER FACILITY/BUNKERED/HARD.*

25X1

NPIC MEMO [] 03 NOV 76 [] SEC CLASS: 14B MSN: [] 2P ACCN: S078122 25X1

PERVOMAYSK/NIKOLAYEV RADIO RELAY LINE UR 480410N 0305135E
WAC NO : 0233 BE/OBJ NO: [] NPIC NO : - 44-D1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []
NIKOLAYEV/PERVOMAYSK RADIO RELAY LINE UR 465820N 0315831E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 46-A2
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1
25X1
25X1

NPIC BRAD Z1209-76 28 OCT 76 SEC CLASS: 05 MSN: [] 3P ACCN: S078123

BALTIYSK NAVAL INFANTRY INSTL LDG/OFF-LDG ACT UR 544110N 0195540E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 57-M2
IDHS CODE: [] EPF CAT : 75 COMIREX NO: []

25X1
25X1

ON PHOTOGRAPHY [] OF BALTIYSK NAVAL INFANTRY INSTALLATION, 50 TANKS, 9 ASSAULT GUNS, 5 MAZ-537, 5 60-TON TRAILERS AND 2 SUPPORT CAMPS WERE IN THE TRAINING AREA. THE PHYSICAL LOCATION OF TANKS AND ASSAULT GUNS AS WELL AS TRACK ACTIVITY AT THIS INSTALLATION INDICATED A PROBABLE LOADING OR OFF-LOADING ACTIVITY, SUBSTANTIATING THE CLAIM THAT BALTIYSK WAS USED AS A TRANSSHIPMENT POINT FOR TANKS

25X1

1210
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
23A1

DESTINED FOR EAST GERMANY.*

NPIC BRAD [] 15 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078124 25X1

OMSK AW RADAR FACILITY EW REGIMENT IDENT UR 545930N 0733940E
WAC NO : 0163 BE/OBJ NO: [] NPIC NO : - 5-S1
IDHS CODE: [] EPF CAT : 25A COMIREX NO: []

25X1

25X1

NPIC BRAD [] 18 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078125 25X1

LVOV/SKNILOV AIRFIELD M-15 AGRICULTURAL A/C UR 494847N 0235707E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 95-A
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1

25X1

MIELEC AIRFRAME PLANT M-15 AGRICULTURAL A/C PL 501838N 0212740E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 99-A
IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1

25X1

AIRCRAFT, M-15 AGRICULTURAL BI-PLANE UR
WAC NO : [] BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 05D COMIREX NO:

NPIC BRAD [] 26 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078126 25X1

MOSKVA ABM COMPLEX E15 COMSAT STATION CONV UR 550900N 0382200E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 122-E1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1

25X1

23A1

OBSERVATION OF PARABOLIC DISH ANTENNAS AT MOSKVA ABM LAUNCH COMPLEX E15 ON PHOTOGRAPHY []
INDICATE THAT THIS UNFINISHED ABM FACILITY IS BEING CONVERTED INTO A COMSAT STATION.*

25X1

25X1

NPIC BRAD [] 26 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078127 25X1

OSTROV/GOROKHOVKA AIRFIELD AS-9 SHIPPING CONT UR 571748N 0282555E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 49
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1

25X1

OSTROV/GOROKHOVKA AIRFIELD AS-9 SHIPPING CONT UR 571748N 0282555E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 49
IDHS CODE: [] EPF CAT : 40J COMIREX NO: []

25X1

25X1

MISSILES, AS-9 SHIPPING CONTAINER UR
WAC NO : [] BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 40J COMIREX NO:

25X1

THE FIRST IDENTIFICATION OF AS-9 SHIPPING CONTAINERS AT A NAVAL AVIATION AIRFIELD AND THE SECOND
SIGHTING AT AN OPERATIONAL FIELD WAS MADE FROM PHOTOGRAPHY [] OF OSTROV/GOROKHOVKA

25X1

1211

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AIRFIELD.*

NPIC BRAD [redacted] 27 OCT 76 [redacted] SEC CLASS: 13 MSN: [redacted] 2P ACCN: S078126 25X1

ULAN UDE TACTICAL SSM BKS SS-1 BRIGADE IDENT UR 515105N 1075550E
WAC NO : 0201 BE/OBJ NO: [redacted] NPIC NO :
IDHS CODE: [redacted] EPF CAT : 35A COMIREX NO: 25X1
25X1

ON PHOTOGRAPHY [redacted] MAJOR ELEMENTS OF A NEW SCUD BRIGADE WERE IDENTIFIED AT THE
ULAN-UDE TACTICAL SSM BARRACKS.* 25X1

NPIC BRAD [redacted] 27 OCT 76 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S078126 25X1

EMBA MTC ELECTRONICS FACILITY B RADAR VEH MTD UR 483300N 0580300E
WAC NO : 0236 BE/OBJ NO: [redacted] NPIC NO : - 22-N1 25X1
IDHS CODE: [redacted] EPF CAT : 25C COMIREX NO: 25X1
ELECTRONICS, RADAR U/I VEHICLE MOUNTED NEW UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

PHOTOGRAPHY [redacted] OF EMBA ELECTRONICS FACILITY B SHOWS THE NEW UNIDENTIFIED RADAR REPORTED
ON 16 OCTOBER 1975 TO HAVE A CUT CYLINDRICAL RADAR SCREEN WHICH ROTATES ON A VEHICLE CHASSIS.* 25X1

NPIC BRAD [redacted] 27 OCT 76 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S078130 25X1

EMBA MTC COMPLEX A TEL DEFENSIVE SYSTEM NEW UR 483103N 0580207E
WAC NO : 0236 BE/OBJ NO: [redacted] NPIC NO : - 22-E 25X1
IDHS CODE: [redacted] EPF CAT : 40E COMIREX NO: [redacted] 25X1
MISSILES, SA-6 TEL POSS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40C COMIREX NO:

MEASUREMENTS FOR TELS OF A NEW DEFENSIVE SYSTEM LOCATED ON PADS A-1 AND A-2 AT EMBA [redacted]
[redacted] ARE GIVEN.* 25X1
25X1

NPIC BRAD [redacted] 27 OCT 76 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S078130 25X1

EMBA MTC COMPLEX C PAD 1 CAN TEL DEF SYS NEW UR 483103N 0580207E
WAC NO : 0236 BE/OBJ NO: [redacted] NPIC NO : - 22-E 25X1
IDHS CODE: [redacted] EPF CAT : 40E COMIREX NO: [redacted] 25X1
MISSILES, CANISTER TEL DEFENSIVE SYSTEM/SAM UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40C COMIREX NO:

1212
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

AT EMBA MISSILE TEST CENTER, LAUNCH AREA C, PAD C-1 THERE WERE TWO PAD C-1 CANISTER TELS SEEN ON PHOTOGRAPHY [REDACTED] MEASUREMENTS ARE PROVIDED.*

25X1

NPIC BRAD [REDACTED] 27 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P ACCN: S078132

25X1

KALININGRAD SHIPYARD STATE 820B CL LPH NEW UR 544131N 0202612E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 57-D
IDHS CODE: [REDACTED] EPF CAT : 75E COMIREX NO: [REDACTED]
SHIPS, 820B CLASS LPH NEW UR
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 75D COMIREX NO:

25X1
25X1

ON PHOTOGRAPHY [REDACTED] A PROBABLE NEW AMPHIBIOUS ASSAULT SHIP (NPIC INTERIM DESIGNATOR 820B) WAS SEEN AT KALININGRAD SHIPYARD STATE 820, REPORTING POSITION 16.*

25X1

NPIC BRAD [REDACTED] 22 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P ACCN: S078133

25X1

KAPUSTIN YAR MTC CPLX C SITE 2 SS-X-20 EXER UR 483555N 0461752E
WAC NO : 0235 BE/OBJ NO: [REDACTED] NPIC NO : - 10-S2
IDHS CODE: [REDACTED] EPF CAT : 40B COMIREX NO: [REDACTED]

25X1
25X1

AN SS-X-20 CREW TRAINING EXERCISE WAS OBSERVED FOR THE FIRST TIME AT KAPUSTIN YAR MTC COMPLEX C SITE 2 ON PHOTOGRAPHY [REDACTED] THE USE OF TRIPLE- AND SINGLE-BAY PARKING SHEDS DURING THE EXERCISE SUGGESTS THAT THESE SHEDS MAY BE SIMULATING THE FUNCTION OF SIMILAR BUILDINGS SEEN AT DEPLOYED MISSILE SITES.*

25X1

NPIC BRAD [REDACTED] 22 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P ACCN: S078134

25X1

KAPUSTIN YAR MTC MRBM/IRBM TRNG AREA SILO NEW UR 483647N 0460935E
WAC NO : 0235 BE/OBJ NO: [REDACTED] NPIC NO : - 10-F1
IDHS CODE: [REDACTED] EPF CAT : 40B COMIREX NO: [REDACTED]

25X1
25X1

A SILO OF UNKNOWN TYPE AND FUNCTION WAS OBSERVED IN A MID-STAGE OF CONSTRUCTION IN THE EASTERN PORTION OF KAPUSTIN YAR MR/IRBM BIVOUAC/TROOP TRAINING AREA ON PHOTOGRAPHY [REDACTED]

25X1
25X1

NPIC BRAD [REDACTED] 26 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: S078135

25X1

DROVYANAYA MOBILE IRBM BASE 1 SS-X-20 ACT UR 512720N 1130404E
WAC NO : 0201 BE/OBJ NO: [REDACTED] NPIC NO : - 53-A3
IDHS CODE: [REDACTED] EPF CAT : 40B COMIREX NO: [REDACTED]
MISSILES, PEAKED-ROOF BUILDING SS-X-20 ASSOC UR
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 40B COMIREX NO:

25X1
25X1

1213
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS



25X1
25X1

PHOTOGRAPHY [REDACTED] SHOWED SS-X-20 RELATED PEAK-ROOFED BUILDINGS AT DROVYANAYA ICBM LAUNCH SITE 4, A PARTIALLY DISMANTLED SS-7 SITE.*

25X1

NPIC BRAD [REDACTED] 28 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: S07813 25X1

CHERNYAKHOVSK AIRFIELD TACTICAL ASM FAC PROB UR 543609N 0214703E
WAC NO : 0168 BE/OBJ NO: [REDACTED] NPIC NO : - 17-A
IDHS CODE: [REDACTED] EPF CAT : USA COMIREX NO: [REDACTED]
CHERNYAKHOVSK AIRFIELD TACTICAL ASM FAC PROB UR 543609N 0214703E
WAC NO : 0168 BE/OBJ NO: [REDACTED] NPIC NO : - 17-A
IDHS CODE: [REDACTED] EPF CAT : 40J COMIREX NO: [REDACTED]

25X1
25X1

25X1
25X1
25X1



THE FIRST IDENTIFICATION OF A PROBABLE TACTICAL AIR-LAUNCHED MISSILE FACILITY UNDER CONSTRUCTION IN THE USSR WAS MADE FROM PHOTOGRAPHY [REDACTED] OF CHERNYAKHOVSK AIRFIELD.*

25X1

NPIC BRAD [REDACTED] 27 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: S07813 25X1

AKHTUBINSK FLIGHT TEST CENTER RAM J IDENT UR 481735N 0461216E
WAC NO : 0235 BE/OBJ NO: [REDACTED] NPIC NO : - 18
IDHS CODE: [REDACTED] EPF CAT : 05G COMIREX NO: [REDACTED]
AIRCRAFT, RAM J UR
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 05D COMIREX NO:

25X1
25X1
25X1

A RAM J WAS FIRST IDENTIFIED AT AKHTUBINSK FLIGHT TEST CENTER ON PHOTOGRAPHY [REDACTED] THREE FORGER A WERE ALSO OBSERVED [REDACTED]

25X1
25X1

NPIC BRAD [REDACTED] 28 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: S07813 25X1

BALTIYSK NAVAL BASE LOADING/OFF-LOADING ACT UR 543824N 0195510E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 6-E
IDHS CODE: [REDACTED] EPF CAT : 75B COMIREX NO: [REDACTED]

25X1
25X1
25X1

ON PHOTOGRAPHY [REDACTED] OF BALTIYSK NAVAL BASE, TEN TANKS WERE ON THE LST LOADING RAMP AND EIGHT TANKS WERE IN A SMALL HOLDING AREA WEST OF THE LOADING RAMP. THE PHYSICAL LOCATION OF TANKS AND THE TRACK ACTIVITY INDICATE A PROBABLE LOADING OR OFF-LOADING ACTIVITY, SUBSTANTIATING THE CLAIM THAT BALTIYSK WAS USED AS A TRANSSHIPMENT POINT FOR TANKS DESTINED FOR EAST GERMANY.*

25X1

1214
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

25X1
ZDAI

NPIC BRAD [] 28 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078139

25X1
ZDAI

BALTIYSK NAVAL INFANTRY INSTL LDG/OFF-LDG ACT UR 544110N 0195540E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 57-M2
IDHS CODE: [] EPF CAT : 75 COMIREX NO:

25X1
ZDAI

ON PHOTOGRAPHY [] OF BALTIYSK NAVAL INFANTRY INSTALLATION, 50 TANKS, 9 ASSAULT GUNS,
5 MAZ-537,560-TON TRAILERS AND 2 SUPPORT CAMPS WERE IN THE TRAINING AREA. THE PHYSICAL LOCATION OF TANKS
AND ASSAULT GUNS AS WELL AS TRACK ACTIVITY INDICATE A PROBABLE LOADING OR OFF-LOADING ACTIVITY,
SUBSTANTIATING THE CLAIM THAT BALTIYSK WAS USED AS A TRANSSHIPMENT POINT FOR TANKS DESTINED FOR EAST
GERMANY.**

25X1

NPIC BRAD [] 28 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078140

25X1
ZDAI

LENINGRAD SOLID MOTOR TEST FAC 1 RKT CONT NEW UR 600401N 0303615E
WAC NO : 0103 BE/OBJ NO: [] NPIC NO : - 42-T2
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []
KRASNOARMEYSK SOLID MTR DEV FAC RKT CONT NEW UR 560750N 0380954E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 55-A
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
ZDAI

25X1
ZDAI

25X1

PHOTOGRAPHIC EVIDENCE [] INDICATES THAT A NEW ROCKET MOTOR IS UNDER DEVELOPMENT AT THE
LENINGRAD SOLID MOTOR TEST FACILITY 1 AND AT THE KRASNOARMEYSK SOLID MOTOR DEVELOPMENT FACILITY. DETAILS
OF THE NEW ROCKET MOTOR CASE OR SHIPPING CONTAINER OBSERVED ARE GIVEN**

NPIC BRAD [] 29 OCT 76 [] SEC CLASS: 14 MSN: [] 3P ACCN: S078141

25X1

GORKIY/SORMOVO AIRFIELD FOXBAT C AA-6 ARMED UR 561905N 0434740E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 13-F
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
GORKIY/SORMOVO AIRFIELD FOXBAT C AA-6 ARMED UR 561905N 0434740E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 13-F
IDHS CODE: [] EPF CAT : 40J COMIREX NO: []

25X1

25X1

25X1

25X1

FIRST SIGHTINGS OF A FOXBAT C WITH AA-6 MISSILES UNDER EACH WING WERE CONFIRMED AT GORKIY/SORMOVO
AIRFIELD ON PHOTOGRAPHY []

25X1

NPIC BRAD [] 29 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078142

25X1

GORKIY SHIPYARD 112 APRON/TRANSVERSER EXT UR 562142N 0435228E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 13-C
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1

25X1,1

1215
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

RESUMED CONSTRUCTION ACTIVITY ON THE CONCRETE APRON/TRANSVERSER FOR THE NEW FABRICATION BUILDING/ASSEMBLY HALL AT GORKIY SHIPYARD 112 WAS SEEN ON PHOTOGRAPHY THE REINFORCED APRON/TRANSVERSER COULD EXTEND EASTWARD IN FRONT OF THE BUILDING AS MUCH AS 138 METERS. IT ALSO APPEARS THAT THE APRON/TRANSVERSER IS BEING EXTENDED NORTHWARD TO CONNECT WITH THE LAUNCHING TRANSVERSER.*

25X1

NPIC BRAD 29 OCT 76 SEC CLASS: 13 MSN: 3P

ACCN: 507814

KAZAN MISSILE PROPULSION R+D TEST BLDG MODIF UR 555345N 0485007E
WAC NO : 0165 BE/OBJ NO: NPIC NO : - 14-X
IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1
25X1

THIS REPORT DESCRIBES THE MODIFICATIONS OF THE HORIZONTAL TEST BUILDING AT KAZAN MISSILE PROPULSION R+D FACILITY. A LONG HORIZONTAL PROBABLE DIFFUSER HAS BEEN ADDED TO THE EASTERN END OF THE BUILDING. ALSO A SMALL DIAMETER PIPELINE WAS CONSTRUCTED ON THE ROOF OF THE HORIZONTAL TEST BUILDING

25X1
25X1
25X1

NPIC PIN PIN011-76 NOV 76 SEC CLASS: 25 X MSN: 3P

ACCN: 507814

MISSILES, SLBM LOAD SIMULATORS/AIRFRAME SIZE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40G COMIREX NO:
MISSILES, SS-9/14 LOAD SIMULATORS/AIRFRAMES UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40 COMIREX NO:

A STUDY OF SUBMARINE-LAUNCHED BALLISTIC MISSILE (SLBM) LOAD SIMULATORS INDICATES THAT THE SOVIET SS-N-8 MISSILE MAY BE SEVERAL FEET SHORTER TO BE THE LENGTH OF THIS MISSILE. EVIDENCE FOR THIS SHORTER LENGTH IS DERIVED FROM A REVIEW OF PHOTOGRAPHY OF MISSILE LOAD SIMULATORS FOR SLBMS AND NAVAL CRUISE MISSILES, AS WELL AS THOSE FOR LAND-BASED STRATEGIC SURFACE-TO-SURFACE MISSILES.

25X1

NPIC MEMO 02 NOV 76 SEC CLASS: 13 MSN: 2P

ACCN: 507814

PETROPAVLOVSK AMMUNITION/MTR VEH BODY PLT 239 UR 545222N 0691030E
WAC NO : 0163 BE/OBJ NO: NPIC NO : - 7-A
IDHS CODE: EPF CAT : 35G COMIREX NO:
PETROPAVLOVSK AMMUNITION/MTR VEH BODY PLT 239 UR 545222N 0691030E
WAC NO : 0163 BE/OBJ NO: NPIC NO : - 7-A
IDHS CODE: EPF CAT : 85A COMIREX NO:

25X1
25X1

A REVIEW OF THE LATEST PHOTOGRAPHY WAS MADE OF ALL INDUSTRIAL FACILITIES IN OR NEAR PETROPAVLOVSK. THE SEARCH WAS TO PROVIDE A GENERAL DESCRIPTION OF PETROPAVLOVSK AMMUNITION AND MOTOR VEHICLE BODY PLANT #239 AND TO REPORT ANY MAZ-543 WHEELED TEL VEHICLES OR KY-12 SRBM RELATED

25X1

1216
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

EQUIPMENT. NO MAZ-543 TELS OR KY-12 SRBM EQUIPMENT WERE OBSERVED.

NPIC BIIR	RCA03-0013-76	NOV 76		SEC CLASS: 25 X MSN:		52P	ACCN: S078146	25X1
CHANGKOCHUANG COMSAT STATION DOMESTIC PROB	WAC NO : 0289	BE/OBJ NO:		CH 400600N 1165440E	NPIC NO : - 75-C			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
CHENGCHIANG COMSAT STATION DOMESTIC PROB	WAC NO : 0496	BE/OBJ NO:		CH 244040N 1025615E	NPIC NO : - 8-A			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
CHENGKU COMSAT STATION DOMESTIC PROB	WAC NO : 0384	BE/OBJ NO:		CH 331250N 1071540E	NPIC NO : - 14-B1			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
CHIANGWAN COMSAT STATION DOMESTIC PROB	WAC NO : 0492	BE/OBJ NO:		CH 311810N 1212700E	NPIC NO : - 28-W3			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
CHINGMEN SPACE TRACKING FACIL COMSAT STA PROB	WAC NO : 0494	BE/OBJ NO:		CH 310625N 1121130E	NPIC NO : - 35-A1			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
ELECTRONICS, COMSAT STATIONS DOMESTIC PROB	WAC NO :	BE/OBJ NO:		CH	NPIC NO :			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
YUNGAN COMSAT STATION DOMESTIC PROB	WAC NO : 0498	BE/OBJ NO:		CH 255755N 1172059E	NPIC NO : - 52-E			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
YUANPING COMSAT STATION DOMESTIC PROB	WAC NO : 0382	BE/OBJ NO:		CH 384024N 1123616E	NPIC NO : - 15-A3			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
WULUMUCHI COMSAT STATION DOMESTIC PROB	WAC NO : 0330	BE/OBJ NO:		CH 432538N 0872126E	NPIC NO : - 54-D			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
TZUPO COMSAT STATION DOMESTIC PROB	WAC NO : 0381	BE/OBJ NO:		CH 362355N 1173140E	NPIC NO : - 125			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
TZUCHISHIH COMSAT STATION DOMESTIC PROB	WAC NO : 0497	BE/OBJ NO:		CH 262126N 1111007E	NPIC NO : - 14			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1
TUYUN ELECTRONICS FABRICATION + TEST COMPLEX	WAC NO : 0497	BE/OBJ NO:		CH 261300N 1073600E	NPIC NO : - 39-A1			25X1
	IDHS CODE:	EPF CAT : 25E			COMIREX NO:			25X1
TATUNG COMSAT STATION DOMESTIC PROB	WAC NO : 0332	BE/OBJ NO:		CH 370710N 1013210E	NPIC NO : - 55-B			25X1
	IDHS CODE:	EPF CAT : 25C			COMIREX NO:			25X1

1217
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1
25X1

SHANGHAI ANTENNA R+D FACILITY POSS	CH 311831N 1212926E	
WAC NO : 0492	NPIC NO : - 28-F3	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25E		
PEICHING SPACE TRACKING RADIO RCVR COMSAT STA	CH 400321N 1161459E	
WAC NO : 0289	NPIC NO : - 47-E1	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
PAOTING COMSAT STATION DOMESTIC PROB	CH 184050N 1093655E	
WAC NO : 0618	NPIC NO : - 62-A1	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
PAISHA COMSAT STATION DOMESTIC PROB	CH 252230N 1021325E	
WAC NO : 0496	NPIC NO : - 47-A	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
NANSHENG SPACE TRACKING FACIL COMSAT STA PROB	CH 263352N 1172650E	
WAC NO : 0498	NPIC NO : - 158-B	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
NANCHING RADIO COMMO RCVR STA ENE COMSAT STA	CH 320555N 1185350E	
WAC NO : 0386	NPIC NO : - 17-Q3	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
NANCHING TROPOSCATTER STATION COMSAT STA PROB	CH 320208N 1185004E	
WAC NO : 0386	NPIC NO : - 17-Q6	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
LIUAN SPACE TRACKING FACILITY COMSAT STA PROB	CH 313606N 1160719E	
WAC NO : 0493	NPIC NO : - 86-B1	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
LANCHOU COMSAT STATION DOMESTIC PROB	CH 355632N 1041032E	
WAC NO : 0384	NPIC NO : - 65-C	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
KUNMING ELECTRONICS FACILITY COMSAT STA PROB	CH 245347N 1024732E	
WAC NO : 0496	NPIC NO : - 4-H1	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
KUANGCHOU SPACE TRKG FACILITY COMSAT STA PROB	CH 231049N 1131745E	
WAC NO : 0414	NPIC NO : - 2-X6	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
IYANG COMSAT STATION DOMESTIC PROB	CH 284230N 1121640E	
WAC NO : 0494	NPIC NO : - 12	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
HUAYUAN COMSAT STATION DOMESTIC PROB	CH 304605N 1033105E	
WAC NO : 0495	NPIC NO : - 40-A	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
HSINHSIEN COMSAT STATION DOMESTIC PROB	CH 383055N 1123238E	
WAC NO : 0382	NPIC NO : - 96	25X1
IDHS CODE: []	COMIREX NO: []	25X1
BE/OBJ NO: []		
EPF CAT : 25C		
HSINHSIEN COMSAT STATION WEST DOMESTIC PROB	CH 382557N 1122745E	

1218
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 96-A1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
HSINCHENG TZU COMSAT STA SOUTH DOMESTIC PROB	CH 405139N 1194034E	
WAC NO : 0289	BE/OBJ NO: []	NPIC NO : - 105-C
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
CHINGYUAN COMSAT STATION DOMESTIC PROB	CH 415830N 1251205E	
WAC NO : 0290	BE/OBJ NO: []	NPIC NO : - 162-B
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
CHINAN SPACE TRACKING FACIL COMSAT STA PROB	CH 362720N 1170840E	
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 69-E1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
CHUNGHO COMSAT STATION DOMESTIC PROB	CH 443500N 1274610E	
WAC NO : 0283	BE/OBJ NO: []	NPIC NO : - 166
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
FUCHOU COMSAT STATION DOMESTIC PROB	CH 260400N 1191430E	
WAC NO : 0499	BE/OBJ NO: []	NPIC NO : - 2-P
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
FUSHUN COMSAT STATION DOMESTIC PROB	CH 415850N 1240145E	
WAC NO : 0290	BE/OBJ NO: []	NPIC NO : - 36-B5
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []

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THIS REPORT WAS PREPARED TO ASSIST THE ANALYSIS OF THE TRACKING FUNCTION OF 33 CHINESE FACILITIES WHICH HAVE BEEN CONSIDERED TO BE PROBABLE DOMESTIC COMMUNICATIONS SATELLITE (COMSAT) FACILITIES. IT PROVIDES A DESCRIPTION OF EACH FACILITY AND CHRONOLOGICAL AND MENSURAL DATA ON THE ASSOCIATED DISH ANTENNAS, LIGHTNING ARRESTERS, AND HIGH-FREQUENCY COMMUNICATIONS ANTENNAS. THE MENSURAL DATA INCLUDES TABLES SHOWING THE AZIMUTH AND ELEVATION ANGLES OF THE PARABOLIC DISH ANTENNAS. ALTHOUGH THE INFORMATION IS INCOMPLETE, IT SHOULD ASSIST THE ANALYST IN CORRELATING THE POSSIBLE TRACKING OF GEOSYNCHRONOUS SATELLITES AND POSSIBLY THE TRACKING OF SOVIET AND OTHER SATELLITES AND MISSILES BY VARIOUS DISH ANTENNAS. THIS DATA SHOULD ALSO ALLOW THE IDENTIFICATION OF TROPOSCATTER LINKS BETWEEN THE ANTENNAS.

THIS REPORT UPDATES [] AND SUBSEQUENT NPIC REPORTS ON MANY OF THE PROBABLE DOMESTIC COMSAT FACILITIES. IT DESCRIBES SIGNIFICANT AND NEW ACTIVITY OBSERVED AT THESE 33 PROBABLE COMSAT FACILITIES FROM [] ELEVEN OF THESE FACILITIES AND SEVERAL PARABOLIC ANTENNAS WERE NEWLY IDENTIFIED DURING THIS PERIOD. IN ADDITION, A FACILITY PROBABLY USED FOR MANUFACTURING AND TESTING COMSAT ANTENNAS WAS IDENTIFIED AT TU-YUN.

25X1
25X1

DIA	NBRG	NDA07-5035-77	01 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078147
		KOLOMYIA ARMY BARRACKS NNW AL4		UR	483220N 0250200E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 31-C1			25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []			25X1
DIA	NBRG	NDA07-5036-77	01 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078148

1219
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1
23A1

LEPEL ARMY BARRACKS AL6 + SAM SUPPORT FACIL UR 545400N 0285919E
 WAC NO : 0168 BE/OBJ NO: NPIC NO : - 127-D1
 IDHS CODE: EPF CAT : 35A COMIREX NO:
 LEPEL ARMY BARRACKS AL6 + SAM SUPPORT FACIL UR 545400N 0285919E
 WAC NO : 0168 BE/OBJ NO: NPIC NO : - 127-D1
 IDHS CODE: EPF CAT : 40C COMIREX NO:

25X1
25X1
25X1
25X1

DIA NBRG NDA07-5037-77 01 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: 5078149

STARO KONSTANTINOV ARMY BARRACKS WEST AL1 UR 494455N 0271102E
 WAC NO : 0233 BE/OBJ NO: NPIC NO : - 55-C
 IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA NBRG NDA07-5038-77 01 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: 5078150

VLADIMIR VOLYNSKIY MILITARY BKS AL2 + HQ MRD UR 505122N 0241740E
 WAC NO : 0232 BE/OBJ NO: NPIC NO : - 204-D1
 IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA NBRG NDA07-5039-77 01 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: 5078151

KAMENKA BUGSKAYA TACTICAL SSCM BARRACKS AL1 UR 500543N 0242048E
 WAC NO : 0232 BE/OBJ NO: NPIC NO : - 64
 IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA NBRG NDA07-5040-77 01 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: 5078152

VINOGRADOV ORDNANCE DEPOT D01 UR 480921N 0230133E
 WAC NO : 0232 BE/OBJ NO: NPIC NO : - 8-D2
 IDHS CODE: EPF CAT : 35F COMIREX NO:

25X1
25X1

CIA BIIR RCS13-0040-76 SEP 76 SEC CLASS: 05 MSN: 8P ACCN: 5078153

ANGARSK PETROCHEMICAL CMB/SYNTHETIC FUELS PLT UR 523353N 1035531E
 WAC NO : 0200 BE/OBJ NO: NPIC NO : - 1-A
 IDHS CODE: EPF CAT : 30F COMIREX NO:

25X1
25X1

ANGARSK PETROCHEMICAL COMBINE AND SYNTHETIC FUELS PLANT PRODUCES PRIMARILY SYNTHETIC FUELS, PLASTICS AND PLASTICIZER FEEDSTOCKS, RESINS, AND NITROGEN FERTILIZERS. ITS MAIN PRODUCTS INCLUDE AMMONIA, METHANOL, FORMALDEHYDE, PHTHALIC ANHYDRIDE, AND AMMONIUM NITRATE AND UREA FERTILIZERS. XYLENES, ETHYLBENZENE, BUTYL ALCOHOL, AND ETHYLHEXANOL ARE ALSO PROBABLY PRODUCED, AND POLYFORMALDEHYDE IS POSSIBLY PRODUCED. THE COMBINE REPORTEDLY BEGAN OPERATION IN 1956 AS A SYNTHETIC FUELS PLANT. DURING THE CONSTRUCTION OF THE ADJACENT ANGARSK PETROLEUM REFINERY, WHICH BEGAN IN 1956, PETROCHEMICAL PLANTS WERE ADDED TO THE

25X1

1220
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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25X1

COMBINE, WITH OPERATIONS BEGINNING IN 1966. THE COMBINE HAS UNDERGONE EXPANSION EVER SINCE. DURING THE 1971-75 FIVE YEAR PLAN, CONSTRUCTION BEGAN ON AN ETHYLENE PLANT, A POSSIBLE POLYETHYLENE PLANT, AND AN UNIDENTIFIED PLANT. AS OF DECEMBER 1975, THESE PLANTS HAD NOT BEEN COMPLETED.

25X1

DIA BIIR RDA10-0014-76 OCT 76 SEC CLASS: 14B MSN: 13P ACCN: S078156

25X1

NOVOSIBIRSK RAILROAD CLF YARD INSKAYA UR 545759N 0830600E
WAC NO : 0162 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 85B COMIREX NO:

25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF NOVOSIBIRSK RAILROAD CLASSIFICATION YARD INSKAYA. THE FACILITY IS SITUATED ON LINE 34A, ABOUT 4 NM ESE OF NOVOSIBIRSK, IN THE TOWN OF INSKAYA. IT HAS MAXIMUM DIMENSIONS OF 23,900 FT X 1,500 FT, CONTAINS 201 BUILDINGS/STRUCTURES, AND INCLUDES 248 BROAD-GAUGE (5 FT) TRACKS WITH A TOTAL USABLE LENGTH OF 358,940 FEET. THE INSTALLATION CONSISTS OF 15 FUNCTIONAL AREAS -- 1 GRAVITY RAMP, 4 RECEIVING/FORWARDING YARDS, 2 SUPPORT, 2 CLASSIFICATION YARDS, 3 RUNNING TRACKS, 1 LOCOMOTIVE/CAR REPAIR, 1 PROBABLE PASSENGER STATION, AND 1 TURNING LOOP/GRAVITY RAMP.

25X1

1221
TOP SECRET CHESS RUFF

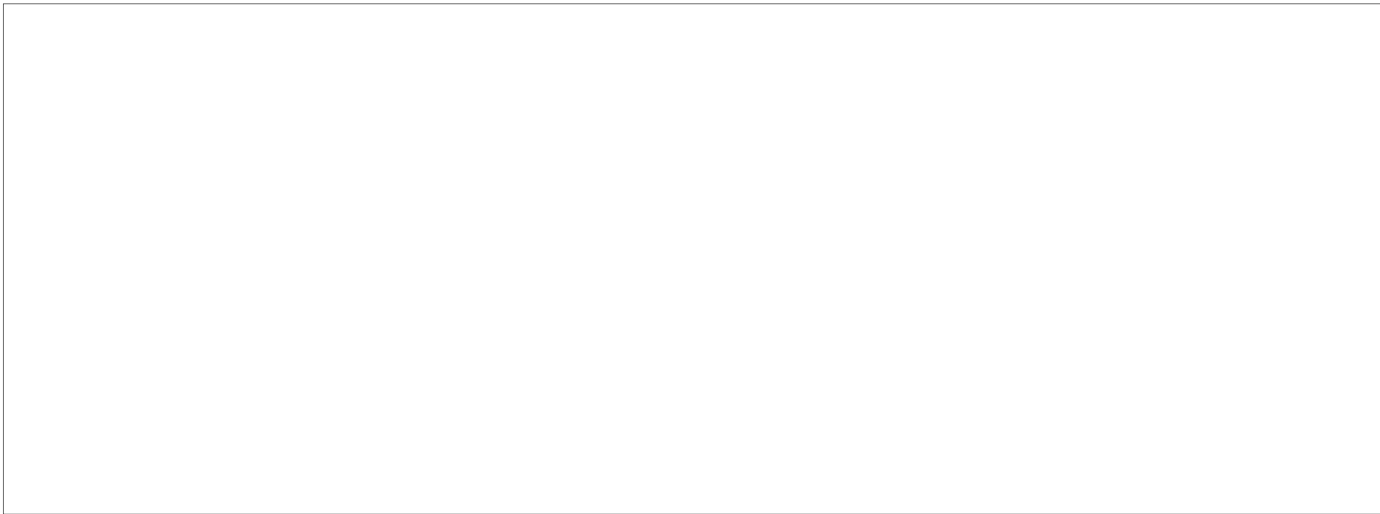
25X1



TOP SECRET CHESS RUFF



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25X1

NPIC PIR PIR016-76 NOV 76 [REDACTED] SEC CLASS: 25BX MSN [REDACTED] 4P ACCN: S07815^{25X1}

MISSILES, ABM-X-3/SH-4 LAUNCHER COMPONENT	UR
WAC NO : [REDACTED]	BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED]	EPF CAT : 40D COMIREX NO:
LENINGRAD MACHINE + MISSILE PLT 232 SH-4 LCHR	UR 595132N 0302919E
WAC NO : 0153 [REDACTED]	BE/OBJ NO: [REDACTED] NPIC NO : - 36-P
IDHS CODE: [REDACTED]	EPF CAT : 30C COMIREX NO: [REDACTED]
LENINGRAD MACHINE + MISSILE PLT 232 SH-4 LCHR	UR 595132N 0302919E
WAC NO : 0153 [REDACTED]	BE/OBJ NO: [REDACTED] NPIC NO : - 36-P
IDHS CODE: [REDACTED]	EPF CAT : 40D COMIREX NO: [REDACTED]
SARY SHAGAN MTC COMPLEX F ABM-X-3/SH-4 EQUIP	UR 462629N 0725108E
WAC NO : 0245 [REDACTED]	BE/OBJ NO: [REDACTED] NPIC NO : - 49-B6
IDHS CODE: [REDACTED]	EPF CAT : 40D COMIREX NO: [REDACTED]

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A PROBABLE SH-04 LAUNCH STAND FOR THE ABM-X-3 SYSTEM HAS BEEN IDENTIFIED AT LENINGRAD MACHINE AND MISSILE PLANT BOLSHEVIK 232 [REDACTED] FROM PHOTOGRAPHY [REDACTED] THIS IS THE FIRST

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TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

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PHOTOGRAPHIC EVIDENCE THAT PLANT 232 IS INVOLVED IN THE DEVELOPMENT OF A COMPONENT OF AN ABM SYSTEM.
THE SH-04 LAUNCH STAND IS A PART OF THE SH-04 ABM-X-3 LAUNCHER. IT HAD BEEN SEEN ONLY AT SARY-SHAGAN
MISSILE TEST CENTER [REDACTED] WHERE DEVELOPMENTAL TESTING OF THE ABM-X-3 SYSTEM HAS BEEN UNDERWAY
SINCE EARLY 1971.

25X1

DIA BIIR RDA10-0005-76 OCT 76 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 42P ACCN: S078159

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SZCZECIN PORT FACILITIES			PL 532512N 0143450E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : - 142-E	
IDHS CODE: [REDACTED]	EPF CAT : 75I	COMIREX NO: [REDACTED]	
SZCZECIN SHIPYARD			PL 532443N 0143300E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : - 142-C5	
IDHS CODE: [REDACTED]	EPF CAT : 75E	COMIREX NO: [REDACTED]	
SZCZECIN THERMAL POWER PLANT			PL 532443N 0143516E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 30E	COMIREX NO: [REDACTED]	
SZCZECIN PETROLEUM PRODUCTS STORAGE PARNICA			PL 532441N 0143524E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 80A	COMIREX NO: [REDACTED]	
SZCZECIN PETROLEUM PRODUCTS STORAGE			PL 532534N 0143505E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 80A	COMIREX NO: [REDACTED]	
SZCZECIN PHOSPHATE FERTILIZER PLANT			PL 532927N 0143659E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : 142-A	
IDHS CODE: [REDACTED]	EPF CAT : 30F	COMIREX NO: [REDACTED]	
SZCZECIN GRAIN SILO			PL 532500N 0143500E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 80B	COMIREX NO: [REDACTED]	
SZCZECIN PETROLEUM PRODUCTS STORAGE HARBOR			PL 532435N 0143619E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 80A	COMIREX NO: [REDACTED]	
SZCZECIN PETROLEUM PRODUCTS STGE HARBOR EAST			PL 532435N 0143628E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 80A	COMIREX NO: [REDACTED]	
SZCZECIN SHIPYARD STOCZ REMONTOWA			PL 532643N 0143522E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : - 142-A9	
IDHS CODE: [REDACTED]	EPF CAT : 75E	COMIREX NO: [REDACTED]	
SZCZECIN SHIPYARD A WARSKI			PL 532649N 0143458E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : - 142-AB	
IDHS CODE: [REDACTED]	EPF CAT : 75E	COMIREX NO: [REDACTED]	
SZCZECIN GAS WORKS			PL 532433N 0143248E
WAC NO : 0169	BE/OBJ NO: [REDACTED]	NPIC NO : [REDACTED]	
IDHS CODE: [REDACTED]	EPF CAT : 30B	COMIREX NO: [REDACTED]	

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TOP SECRET CHESS RUFF

25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF SZCZECIN PORT FACILITIES LOCATED IN SZCZECIN, NORTHWEST POLAND. THE PORT IS SITUATED ALONG AN 8-NM SECTION OF THE ODER RIVER, EXTENDING FROM THE SOUTH EDGE OF SZCZECIN (STETTIN) NORTH TO THE CONFLUENCES OF THE ODER RIVER AND JEZIORO (LAKE) DABIE. FACILITIES ON BOTH BANKS ARE INCLUDED AND PRACTICALLY ALL OF THE WATERFRONT IN THIS VICINITY IS BULKHEADED. THE PORT PRIMARILY HANDLES GENERAL CARGO, COAL, PHOSPHATES, ORE, LUMBER, CEMENT, POL, PASSENGERS, AND GRAIN. SEVERAL MAJOR AND MINOR SHIPYARDS ARE ALSO IN THE AREA. THERE ARE 81,756 FEET OF MAJOR BERTHING. MECHANICAL HANDLING EQUIPMENT INCLUDES 103 PORTAL JIB CRANES, 36 AUTOMOTIVE JIB CRANES, 2 TOWER JIB CRANES, 2 LOCOMOTIVE JIB CRANES, 5 FLOATING JIB CRANES, 4 JIB CRANES, 26 BRIDGE TRANSPORTERS WITH RACKING JIB CRANES, 21 BRIDGE TRANSPORTERS, 9 GANTRY CRANES WITH RACKING JIB CRANES, 1 GANTRY CRANE, 1 TOWER HAMMERHEAD CRANE, 1 BRIDGE CRANE, 3 HOPPERS, 3 ORE/COAL LOADERS, 1 COAL LOADER, 1 ORE LOADER, 3 POL LOADING DEVICES, 3 GRAIN LOADERS, 7 FLOATING DRYDOCKS (3 WITH 2 JIB CRANES EACH), AND NUMEROUS CONVEYORS. OPEN STORAGE AREAS COVER 7,280,445 SQUARE FEET. THERE ARE ALSO 2,526,367 SQUARE FEET OF COVERED STORAGE. THE FACILITIES CONTAIN 603 BUILDINGS/STRUCTURES.

DIA NBRG NDA07-5041-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078160

LEBORK ARMY BARRACKS 2
WAC NO : 0169 BE/OBJ NO: [] PL 543200N 0174520E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 76-A2
COMIREX NO: []

25X1
25X15X1

DIA NBRG NDA07-5042-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078161

BIELSKO BIALA ARMY BARRACKS KOMANDOSY 1
WAC NO : 0232 BE/OBJ NO: [] PL 494939N 0190247E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 10-A1
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5043-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078162

CHELMNO ARMY BARRACKS 2
WAC NO : 0169 BE/OBJ NO: [] PL 532057N 0182454E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 242-B
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5044-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078163

OSWIECIM ARMY BARRACKS SOLA RIVER
WAC NO : 0232 BE/OBJ NO: [] PL 500145N 0191200E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 130-B
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5045-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078164

KRAKOW ARMY BARRACKS 4
WAC NO : 0232 BE/OBJ NO: [] PL 500447N 0195435E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 78-D
COMIREX NO: []

25X1
25X1

1224
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA NBRG NDA07-5046-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078165

LUBLIN ARMY BARRACKS NW 1
WAC NO : 0232 BE/OBJ NO: [] PL 511456N 0223152E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 92-E
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5047-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078166

WLODAWA ARMY BARRACKS NORTH 1
WAC NO : 0232 BE/OBJ NO: [] PL 513340N 0233345E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 362
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5048-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078167

LIDZBARK WARMINSKI ARMY BARRACKS 2
WAC NO : 0169 BE/OBJ NO: [] PL 540746N 0203350E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 8-C
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5049-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078168

LUBLINIEC ARMY BARRACKS 1
WAC NO : 0232 BE/OBJ NO: [] PL 503938N 0184109E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 322
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5050-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078169

ELBLAG ARMY BARRACKS 8
WAC NO : 0169 BE/OBJ NO: [] PL 541033N 0192456E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 30-C
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5051-77 03 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078170

WEGORZEWO ARMY BARRACKS 1/2
WAC NO : 0168 BE/OBJ NO: [] PL 541227N 0214515E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 92-A
COMIREX NO: []

25X1
25X1
25X1
25X1

1225
TOP SECRET CHESS RUFF

25X1

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[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

NPIC BRAD Z1210-76 03 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: 5078197

SWIETOSZOW MILITARY TRNG AREA SHIELD 76 PREP PL 512759N 0152723E
WAC NO : 0231 BE/OBJ NO: IDHS CODE: EPF CAT : 35B COMIREX NO: NPIC NO : - 261-A

25X1
25X1

DEPLOYMENT OF A SOVIET TANK REGIMENT TO SWIETOSZOW TRAINING AREA NEUHAMMER 401 AS PART OF EXERCISE SHIELD 76 PREPARATIONS WAS SEEN ON PHOTOGRAPHY

25X1

NPIC BRAD Z1211-76 04 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: 5078198

BORNE MILITARY TRAINING AREA 404 SHIELD 76 PL 533241N 0163836E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 237-D
IDHS CODE: EPF CAT : 35B COMIREX NO:

25X1
25X1

ON PHOTOGRAPHY OF 13 SEPTEMBER 1976, ELEMENTS OF A CZECHOSLOVAKIAN ARMY UNIT WERE IDENTIFIED AT BORNE TRAINING AREA 404, POLAND, PARTICIPATING IN SHIELD 76 EXERCISES.*

NPIC BRAD Z1212-76 04 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: 5078199

KROSNO ODRZANSKIE RIVER CRSNG ACT SHIELD 76 PL 5203 N 01456 E
WAC NO : 0169 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35B COMIREX NO:

25X1

ON PHOTOGRAPHY PREPARATIONS FOR A RIVER CROSSING EXERCISE WERE SEEN ON THE ODER RIVER APPROXIMATELY 5.0 NM WEST OF KROSNO ODRZANSKIE.*

25X1

NPIC BRAD Z1213-76 04 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: 5078200

BIEDRUSKO MILITARY TRNG AREA SHIELD 76 PREP PL 523245N 0165410E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 109-F1
IDHS CODE: EPF CAT : 35B COMIREX NO: SZCZECIN ARMY BARRACKS BMP/MECH INFANTRY REGT PL 532748N 0142932E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 142-B2
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1

25X1
25X1

1234
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

A POLISH BMP-EQUIPPED MECHANIZED INFANTRY REGIMENT WAS SEEN ON PHOTOGRAPHY [REDACTED] IN BIVOUAC AT THE BIEDRUSKO TRAINING AREA 404. THIS TRAINING ACTIVITY IS SEEN AS PART OF 'SHIELD 76' PREPARATIONS.*

25X1
25X1

NPIC BRAD [REDACTED] 02 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P ACCN: S078201

25X1

SHUANGCHENG TZU MTC SAM CPLX SAM MBL NEW IDENT CH 410430N 1003110E
WAC NO : 0287 BE/OBJ NO: [REDACTED] NPIC NO : - 1-P1
IDHS CODE: [REDACTED] EPF CAT : 40C COMIREX NO: [REDACTED]

25X1
25X1

THE FIRST IDENTIFICATION OF THE NEW MOBILE SAM AT SHUANG-CHENG-TZU SAM LAUNCH COMPLEX ON PHOTOGRAPHY OF [REDACTED] MAY INDICATE THE NEW SYSTEM HAS ADVANCED TO THE LAUNCH TESTING PHASE.*

25X1

NPIC BRAD [REDACTED] 29 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P ACCN: S078202

25X1

LENINGRAD SHIPYARD ADMIRALTY ENVRNMTL COVER UR 595502N 0301618E
WAC NO : 0153 BE/OBJ NO: [REDACTED] NPIC NO : - 36-T
IDHS CODE: [REDACTED] EPF CAT : 75E COMIREX NO: [REDACTED]

25X1
25X1

A NEW ENVIRONMENTAL ENCLOSURE WAS SEEN COVERING AN UNIDENTIFIED SUBMARINE ON PHOTOGRAPHY [REDACTED] OF LENINGRAD SHIPYARD ADMIRALTY 194.*

25X1

25X1

NPIC BRAD [REDACTED] 29 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: S078204

25X1

BARANOVICHI AIRFIELD AAM SUPT FACIL AA-6 CANS UR 530542N 0260254E
WAC NO : 0168 BE/OBJ NO: [REDACTED] NPIC NO : - 3
IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO: [REDACTED]
BARANOVICHI AIRFIELD AAM SUPT FACIL AA-6 CANS UR 530542N 0260254E
WAC NO : 0168 BE/OBJ NO: [REDACTED] NPIC NO : - 3
IDHS CODE: [REDACTED] EPF CAT : 40J COMIREX NO: [REDACTED]
MOSKVA AIRCRAFT COMPONENTS/MSL PLT AA-6 CANS UR 555437N 0375053E
WAC NO : 0167 BE/OBJ NO: [REDACTED] NPIC NO : - 48-B
IDHS CODE: [REDACTED] EPF CAT : 056 COMIREX NO: [REDACTED]

25X1

25X1

25X1

25X1

25X1

25X1

1235
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

MOSKVA AIRCRAFT COMPONENTS/MSL PLT AA-6 CANC [] UR 555437N 0375053E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 48-B
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: []
 MISSILES, AA-6 CANISTER PROB UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1
25X1

ON PHOTOGRAPHY [] 12 PROBABLE AA-6 MISSILE CONTAINERS WERE IDENTIFIED IN THE AAM
 SUPPORT FACILITY AT BARANOVICHI AIRFIELD. DIMENSIONS ARE GIVEN. ON PHOTOGRAPHY [] 7
 POSSIBLE AA-6 MISSILE CANISTERS WERE OBSERVED AT MOSKVA AIRCRAFT COMPONENTS + MISSILE PLANT KOSTINO NO.
 455, INDICATING THAT PLANT 455 MAY BE ENGAGED IN THE PRODUCTION OF THE AA-6 MISSILE SYSTEM.*

25X1
25X1

NPIC BRAD [] 29 OCT 76 [] SEC CLASS: 24 MSN: [] 2P

ACCN: S07820 25X1

SAFONOVO PLASTICS + GM COMPONENTS PLANT CONST UR 550520N 0331500E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 144-A
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: []
 SAFONOVO PLASTICS + GM COMPONENTS PLANT CONST UR 550520N 0331500E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 144-A
 IDHS CODE: [] EPF CAT : 30F COMIREX NO: []

25X1
25X1

THE NEW CONSTRUCTION SEEN ON PHOTOGRAPHY [] WITHIN THE PRODUCTION AREA OF SAFONOVO
 PLASTICS AND GUIDED MISSILE COMPONENTS PLANT MAY INDICATE THAT AT LEAST ONE NEW SOVIET MISSILE SYSTEM IS
 UNDER DEVELOPMENT.*

25X1

NPIC BRAD [] 02 NOV 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S07820 25X1

KAPUSTIN YAR MTC SAM FIRING RANGE SH-7 EQUIP UR 484828N 0454343E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 10-A9
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []
 MISSILES, SH-7 LAUNCHER TRAVEL MODE UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40C COMIREX NO:
 ELECTRONICS, ACQUISITION RADAR SH-4 SAM ASSOC UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X1

ON PHOTOGRAPHY [] TEN LAUNCHERS AND THE ACQUISITION RADAR FOR THE NEW SH-07
 STRATEGIC SAM SYSTEM WERE IDENTIFIED AT THE KAPUSTIN YAR SAM FIRING RANGE. THIS IS THE FIRST TIME THAT
 BOTH LAUNCHERS AND RADAR HAVE BEEN OBSERVED TOGETHER OUTSIDE OF SARY SHAGAN, INDICATING THAT THE SH-07 MAY
 BE ENTERING THE TROOP-TRAINING STAGE.*

25X1

NPIC BRAD [] 03 NOV 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07820 25X1

1236
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SWIETOSZOW MILITARY TRNG AREA SHIELD 76 EXER PL 512759N 0152723E
WAC NO : 0231 BE/OBJ NO: NPIC NO : - 261-A
IDHS CODE: EPF CAT : 35B COMIREX NO:

25X1
25X1
25X1

ELEMENTS OF A SOVIET TANK REGIMENT WERE SEEN IN A BIVOUC AREA AT SWIETOSZOW TRAINING AREA NEUHAMMER
401 ON PHOTOGRAPHY DEPLOYMENT OF A SOVIET TANK REGIMENT TO SWIETOSZOW IS PART OF
EXERCISE SHIELD 76 PREPARATIONS.*

25X1

NPIC BRAD 02 NOV 76 SEC CLASS: 13 MSN: 2P

ACCN: S078206

25X1
25X1

KAMENETS PODOLSKIY SPACE TRKG FACIL U/C IDENT UR 485110N 0264300E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 23-B4
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X1
25X1

A NEW SPACE TRACKING FACILITY WAS OBSERVED UNDER CONSTRUCTION ON PHOTOGRAPHY
ADJACENT TO THE LAUNCH PADS AT THE DEACTIVATED KAMENETS - PODOLSKIY MRBM LAUNCH SITE 1 AND APPROXIMATELY
1.0 NM SOUTHEAST OF DERAZHNYA ICBM LAUNCH SITE 62F. THIS IS THE FIRST IDENTIFICATION OF A SPACE TRACKING
FACILITY IN AN SSM COMPLEX.*

25X1

NPIC BRAD 04 NOV 76 SEC CLASS: 13 MSN: 3P

ACCN: S078205

25X1
25X1

BIEDRUSKO MILITARY TRNG AREA SHIELD 76 PREP PL 523245N 0165410E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 109-F1
IDHS CODE: EPF CAT : 35B COMIREX NO:
SZCZECIN ARMY BARRACKS KRECKOW NE 5 PL 532748N 0142932E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 142-B2
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1

THE POLISH BMP-EQUIPPED MECHANIZED INFANTRY REGIMENT SEEN IN BIVOUC AT BIEDRUSKO TRAINING AREA 404 ON
PHOTOGRAPHY IS PART OF SHIELD 76 PREPARATION.*

25X1

NPIC BRAD 04 NOV 76 SEC CLASS: 13 MSN: 2P

ACCN: S078210

25X1
25X1

BORNE MILITARY TRNG AREA CZECH ARMY SHIELD 76 PL 533241N 0163836E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 237-D
IDHS CODE: EPF CAT : 35B COMIREX NO:

25X1
25X1
25X1

PREPARATIONS FOR A RIVER CROSSING EXERCISE IN THE KROSNO ODRZANSKIE AREA AS PART OF SHIELD 76 WAS SEEN
ON PHOTOGRAPHY

25X1

NPIC BRAD 04 NOV 76 SEC CLASS: 13 MSN: 2P

ACCN: S078211

25X1
25X1

1237
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

KROSNO ODRZANSKIE RIVER CRSNG ACT SHIELD 76 PL 5203 N 01456 E
WAC NO : 0169 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35B COMIREX NO:

25X1

ELEMENTS OF A PROBABLE CZECHOSLOVAKIAN ARMY UNIT IN POLAND PARTICIPATING IN 'SHIELD 76' EXERCISES WERE IDENTIFIED ON PHOTOGRAPHY OF BORNE TRAINING AREA 404.**

25X1

NPIC BRAD 04 NOV 76 SEC CLASS: 13 MSN: 2P

ACCN: S0782

VORONEZH RADIO COMMO R+D TEST STA HARD IDENT UR 513659N 0390023E
WAC NO : 0234 BE/OBJ NO: NPIC NO : - 46-05
IDHS CODE: EPF CAT : 25E COMIREX NO:

25X1

25X1

A RADIO COMMUNICATIONS R+D TEST STATION WAS IDENTIFIED 8.0 NAUTICAL MILES SOUTHWEST OF VORONEZH, USSR ON PHOTOGRAPHY THE STATION CONSISTS OF TWO 32-ELEMENT HARDENED BI-GRID ANTENNAS, TWO HARDENED DOME ANTENNAS, TWO PARTIAL HARDENED ELL ANTENNAS, ONE HARDENED QUAD TRI ANTENNA, TWO HARDENED CIRCULAR ANTENNAS (STILL UNDER CONSTRUCTION), A CONTROL BUILDING AND SEVERAL SUPPORT BUILDINGS.

25X1

THIS FACILITY IS PROBABLY WHERE PHASE II HARDENED ANTENNAS ARE DEVELOPED PRIOR TO TESTING AT THE TYURATAM MISSILE/SPACE TEST CENTER AND THE SUBSEQUENT DEPLOYMENT TO ICBM COMPLEXES. THIS IS ALSO THE FIRST IDENTIFICATION OF PHASE II HARDENED ANTENNAS AT A FACILITY WHICH IS NOT SRF ASSOCIATED.

25X1

DIA IIM 5B3-1423-76 15 NOV 76 SEC CLASS: 13 MSN: 3P

ACCN: S0782

UVELSKIY AIRFIELD UR 542248N 061211E
WAC NO : 0164 BE/OBJ NO: NPIC NO : - 26
IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1

25X1

DIA IIM 5B3-1437-76 11 NOV 76 SEC CLASS: 13 MSN: 2P

ACCN: S0782

AIRCRAFT, FRESCO MIG-17 AAM ARMED SIGHTINGS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:

DIA IIM 5B3-1422-76 12 NOV 76 SEC CLASS: 13 MSN: 3P

ACCN: S0782

RYAZAN/ALEKSANDROVO AIRFIELD UR 542939N 0395607E
WAC NO : 0166 BE/OBJ NO: NPIC NO : - 20-L
IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1

25X1

DIA IIM 5B2-1304-76 NOV 76 SEC CLASS: 14B MSN: 26P

ACCN: S0782

KOPER PORT FACILITIES YO 453255N 0134330E
WAC NO : 0252 BE/OBJ NO: NPIC NO : - 120

25X1

1238
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	IDHS CODE: []	EPF CAT : 75I	COMIREX NO: []				25X1 25X1
DIA IIM	5B2-1322-76	NOV 76	[]	SEC CLASS: 14B	MSN: []	17P	ACCN: S078217 25X1
	SURGUT PORT COMPLEX OB RIVER			UR	611420N 0732800E		
	WAC NO : 0099	BE/OBJ NO: []		NPIC NO : -	2-B		25X1 25X1
	IDHS CODE: []	EPF CAT : 75		COMIREX NO: []			
DIA IIM	5B2-1407-76	NOV 76	[]	SEC CLASS: 13	MSN: []	4P	ACCN: S078218 25X1
	ALYAT PRISTAN PETROLEUM PROD STGE U/G SOUTH			UR	395625N 0492317E		
	WAC NO : 0339	BE/OBJ NO: []		NPIC NO : -	47		25X1 25X1
	IDHS CODE: []	EPF CAT : 80A		COMIREX NO:			
DIA IIM	5B2-1321-76	11 NOV 76	[]	SEC CLASS: 14B	MSN: []	7P	ACCN: S078219 25X1
	DURRES PORT FACILITIES			AL	411833N 0192716E		
	WAC NO : 0322	BE/OBJ NO: []		NPIC NO : -	20-A		25X1 25X1
	IDHS CODE: []	EPF CAT : 75I		COMIREX NO:			
DIA IIM	5B2-1324-76	OCT 76	[]	SEC CLASS: 14B	MSN: []	6P	ACCN: S078220 25X1
	PLOCE PORT FACILITIES			YO	430259N 0172539E		
	WAC NO : 0321	BE/OBJ NO: []		NPIC NO : -	13		25X1 25X1
	IDHS CODE: []	EPF CAT : 75I		COMIREX NO: []			
DIA IIM	5B2-1323-76	NOV 76	[]	SEC CLASS: 14B	MSN: []	7P	ACCN: S078221 25X1
	BAR PORT FACILITIES			YO	420527N 0190519E		
	WAC NO : 0322	BE/OBJ NO: []		NPIC NO : -	274		25X1 25X1
	IDHS CODE: []	EPF CAT : 75I		COMIREX NO:			

25X1

NPIC MEMO	[]	17 NOV 76	[]	SEC CLASS: 13	MSN: []	8P	ACCN: S078223 25X1
	RYAZAN/DYAGILEVO AIRFIELD CLEAT D IDENT			UR	543830N 0393412E		
	WAC NO : 0166	BE/OBJ NO: []		NPIC NO : -	20-B		25X1 25X1
	IDHS CODE: []	EPF CAT : 05A		COMIREX NO: []			

1239
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

25X1

CLEAT D AIRCRAFT WERE IDENTIFIED FOR THE FIRST TIME AT RYAZAN/DYAGILEVO AIRFIELD ON PHOTOGRAPHY



25X1

25X1

ONE CLEAT D WITH BORT NUMBER 76462 WAS LOCATED ON THE LARGE SW PARKING APRON ADJACENT TO THE BACKFIRE. THE SECOND CLEAT D WITH BORT NUMBER 76463 WAS LOCATED ON A CROSSOVER LINK TAXIWAY NEAR THE CENTER OF THE AIRFIELD.*

NPIC MEMO



09 NOV 76



SEC CLASS: 13

MSN:

2P

ACCN: 5078224

25X1

MOSKVA/SHCHELKOVO AIRFIELD AIRBORNE CP POSS

UR 555310N 0380340E

WAC NO : 0167

BE/OBJ NO: [REDACTED]

NPIC NO : 51

IDHS CODE: [REDACTED]

EPF CAT : 25H

COMIREX NO: [REDACTED]

25X1

25X1



25X1

CIA INFR

TSD194-76

OCT 76



SEC CLASS: 14 Y MSN:

23P

ACCN: 5078226

25X1

POONA EXPLOSIVES R+D LABORATORY PROD/TEST FAC

IN 183132N 0734501E

WAC NO : 0673

BE/OBJ NO:

NPIC NO :

1240
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 356 COMIREX NO:

25X1

PRODUCTION AND TEST FACILITIES RELATED TO THE EXPLOSIVES RESEARCH AND DEVELOPMENT LABORATORY (ERDL) HAVE BEEN IDENTIFIED AT 18-31-32N 073-45-01E, APPROXIMATELY 11 KILOMETERS WEST OF PUNE (FORMERLY KNOWN AS POONA) IN MAHARASHTRA STATE, INDIA. THEY ARE SITUATED IN A SMALL ENCLOSED VALLEY 2,650 METERS WEST OF THE VILLAGE OF PASHAN NEAR THE ARMAMENTS RESEARCH AND DEVELOPMENT ESTABLISHMENT (ARDE). ERDL IS ONE OF THE PRINCIPLE LABORATORIES OPERATED BY THE INDIAN MINISTRY OF DEFENSE, AND IT IS INVOLVED IN RESEARCH ON THE CHARACTERISTICS OF PROPELLANTS, HIGH EXPLOSIVES, AND VARIOUS TYPES OF PYROTECHNICS. ALTHOUGH THE ORIGINAL PRODUCTION FACILITIES HAVE NOT BEEN PRECISELY LOCATED, THE FIRST ERDL STATIC TEST CELLS FOR SMALL ROCKET MOTORS ARE WITHIN THE GROUNDS OF THE KIRKEE AMMUNITION PLANT.

DIA BIIR RDA10-0016-76 OCT 76 [] SEC CLASS: 14B MSN: [] 13P ACCN: S078227 25X1

GDYNIA PORT FACILITIES	WAC NO : 0169	BE/OBJ NO: []	PL 543204N 0183207E	25X1
	IDHS CODE: []	EPF CAT : 75I	NPIC NO : - 38-B	25X1
GDYNIA NAVAL BASE OKSYWIE	WAC NO : 0169	BE/OBJ NO: []	COMIREX NO:	
	IDHS CODE: []	EPF CAT : 75B	PL 543230N 0183300E	25X1
GDYNIA NAVAL SHIPYARD OKSYWIE	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 38-C	25X1
	IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
GDYNIA PETROLEUM PRODUCTS STORAGE WHARF	WAC NO : 0169	BE/OBJ NO: []	PL 543230N 0183155E	25X1
	IDHS CODE: []	EPF CAT : 80A	NPIC NO : - 38-C1	25X1
GDYNIA SHIPYARD	WAC NO : 0169	BE/OBJ NO: []	COMIREX NO:	
	IDHS CODE: []	EPF CAT : 75E	PL 543201N 0183212E	25X1
GDYNIA SHIP REPAIR YARD	WAC NO : 0169	BE/OBJ NO: []	NPIC NO :	25X1
	IDHS CODE: []	EPF CAT : 75E	COMIREX NO:	25X1
	WAC NO : 0169	BE/OBJ NO: []	PL 543215N 0183105E	25X1
	IDHS CODE: []	EPF CAT : 75E	NPIC NO :	25X1
	WAC NO : 0169	BE/OBJ NO: []	COMIREX NO:	
	IDHS CODE: []	EPF CAT : 75E	PL 543137N 0183300E	25X1
			NPIC NO :	25X1
			COMIREX NO:	25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF GDYNIA PORT FACILITIES LOCATED NEAR OKSYWIE, NORTH POLAND. THE PORT PRIMARILY HANDLES GENERAL CARGO, COAL, POL PRODUCTS, GRAIN, AND FISH PRODUCTS. FACILITIES ARE AVAILABLE FOR SHIP REPAIR. THERE ARE 65,430 FEET OF MAJOR BERTHING, AND ADDITIONAL BERTHING IS AVAILABLE ALONG BREAKWATERS AND SMALL PIERS. THE PORT HAS 189 PIECES OF MECHANICAL HANDLING EQUIPMENT AND 11 HOPPERS. SIX AREAS PROVIDE A TOTAL OF 2,046,669 SQUARE FEET OF OPEN STORAGE. THE FACILITY CONTAINS 322 BUILDINGS/STRUCTURES WITH 2,859,333 SQUARE FEET OF COVERED STORAGE.

CIA NOTE ISSN0007J-76 08 NOV 76 [] SEC CLASS: 25 MSN: [] 18P ACCN: S078228 25X1

GENERAL, FOREST FIRES OCTOBER 1976
WAC NO : [] BE/OBJ NO: [] UR
NPIC NO : []

1241
TOP SECRET CHESS RUFF

25X1



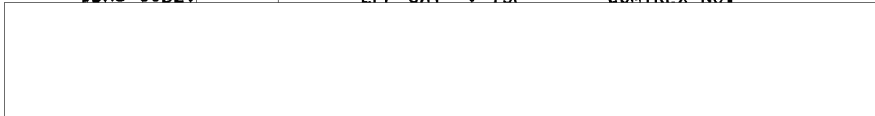
TOP SECRET CHESS RUFF



25X1
25X1

GENERAL, FOREST FIRES OCTOBER 1976	IDHS CODE: []	EPF CAT : 10D	COMIREX NO:
WAC NO : []	BE/OBJ NO:		CH
KAMPONG PASIR GUDANG SHIP REPAIR YARD U/C	IDHS CODE: []	EPF CAT : 10D	NPIC NO :
WAC NO : 0860	BE/OBJ NO:		COMIREX NO:
SINGAPORE PORT FACILITIES KEPPEL HARBOR EXPSN	IDHS CODE: []	EPF CAT : 75E	MY 0127 N 10353 E
WAC NO : 0860	BE/OBJ NO: []		NPIC NO :
WONSAN/PYONGYANG HIGHWAY BRIDGE CONSTRUCTION	IDHS CODE: []	EPF CAT : 75I	COMIREX NO:
WAC NO : 0380	BE/OBJ NO:		SN 011610N 1035015E
PYONGYANG/WONSAN HIGHWAY BRIDGE CONSTRUCTION	IDHS CODE: []	EPF CAT : 85A	NPIC NO : - 18-C
WAC NO : 0380	BE/OBJ NO: []		COMIREX NO: []
PAENGMA RI PETROLEUM REFINERY NEW U/C	IDHS CODE: []	EPF CAT : 85A	KN 3909 N 12726 E
MUTANCHIANG PETROLEUM REFINERY NEW U/C	WAC NO : 0290	BE/OBJ NO: []	NPIC NO :
WAC NO : 0283	BE/OBJ NO: []		COMIREX NO:
SEVASTOPOL NAVAL MATERIEL TEST FACIL PAINTS	IDHS CODE: []	EPF CAT : 30B	KN 3901 N 12545 E
WAC NO : 0250	BE/OBJ NO: []		NPIC NO :
	IDHS CODE: []	EPF CAT : 75F	COMIREX NO:
			CH 443720N 1293700E
			NPIC NO :
			COMIREX NO:
			UR 4436 N 03331 E
			NPIC NO :
			COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1



CHINCHI TANK REGIMENT NEW	WAC NO : 0383	BE/OBJ NO:	CH 3757 N 10606 E
HAERHPIN AIRFRAME PLANT PINGFANG NOMAD N-22	IDHS CODE: []	EPF CAT : 35	NPIC NO :
WAC NO : 0283	BE/OBJ NO: []		COMIREX NO:
IDHS CODE: []	BE/OBJ NO: []	EPF CAT : 05G	CH 453549N 1263925E
			NPIC NO : - 42-P1
			COMIREX NO: []

25X1
25X1
25X1

NPIC BIIR RCA09-0034-76 NOV 76 [] SEC CLASS: 14A MSN: [] BP

ACCN: S07822

KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392	WAC NO : 0161	BE/OBJ NO: []	UR 552415N 0855809E
IDHS CODE: []	BE/OBJ NO: []	EPF CAT : 35G	NPIC NO : - 10-J
			COMIREX NO: []

25X1
25X1

1242
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

KEMEROVO SOLID MOTOR PRODUCTION PLANT
WAC NO : 0161 BE/OBJ NO: [] NPIC NO : - 10-L
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THIS REPORT DESCRIBES ACTIVITY OBSERVED AT THE KEMEROVO SOLID PROPELLANT PRODUCTION COMPLEX FROM OCTOBER 1971 THROUGH JULY 1976. THE INFORMATION IN THIS REPORT UPDATES THAT OF THE PREVIOUS NPIC REPORT, [] MARCH 1972.

25X1

SINCE JULY 1972, ROCKET MOTORS OF TWO SIZES PROBABLY HAVE BEEN IN PRODUCTION AT THE KEMEROVO SOLID MOTOR PRODUCTION PLANT. THE LARGER OF THESE TWO MOTORS MAY BE THE BOOSTER FOR THE ABM-X-3. PHOTOGRAPHIC EVIDENCE ALSO INDICATED THAT PRODUCTION OF A THIRD-SIZE ROCKET MOTOR HAD CEASED BY SEPTEMBER 1972. CONSTRUCTION OF A NEW PROBABLE FINISHING BUILDING AND AN ADDITION TO A STORAGE BUILDING WITHIN THE SOLID MOTOR PRODUCTION PLANT INDICATES EITHER THAT A NEW MOTOR WILL BE PRODUCED OR THAT THE EXISTING PRODUCTION LEVEL OF ROCKET MOTORS WILL BE INCREASED. A NEW POSSIBLE ASSEMBLY/FINISHING AREA WAS UNDER CONSTRUCTION AT THE EASTERN PORTION OF THE COMPLEX, AND EXPANSION OF THE SINGLE-BASE SOLID PROPELLANT PLANT WAS UNDERWAY.

DIA BIIR RDA05-0034-76 NOV 76 [] SEC CLASS: 14B MSN: [] 10P

ACCN: S078230

25X1

EMBA AIRFIELD
WAC NO : 0236 BE/OBJ NO: [] UR 484409N 0580240E
IDHS CODE: [] EPF CAT : 05A NPIC NO : - 22-A
EMBA AIRFIELD GCA SITE
WAC NO : 0236 BE/OBJ NO: [] UR 484409N 0580240E
IDHS CODE: [] EPF CAT : 25H COMIREX NO: []

25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED IMAGERY-DERIVED ANALYSIS OF EMBA AIRFIELD AND ASSOCIATED FACILITIES DURING THE PERIOD JULY 1966 THROUGH FEBRUARY 1976. THE AIRFIELD IS LOCATED IN SOUTH U.S.S.R. AND SUPPORTS A VARIETY OF FIGHTER AIRCRAFT. SIGNIFICANT CHANGES TO THE INSTALLATION DURING THE REPORTING PERIOD INCLUDED THE PAVING OF THE RUNWAY, TAXIWAYS, AND PARKING AREAS, AND THE INSTALLATION OF DRONE-HANDLING AND LAUNCH FACILITIES. FEATURES DESCRIBED IN THIS REPORT INCLUDE A 9,882 FT X 164 FT CONCRETE MAIN RUNWAY, A SOD RUNWAY, TAXIWAYS AND PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED TOTAL CAPACITY OF 984,968 U.S. GALLONS, DRONE-HANDLING FACILITIES, AND TRANSPORTATION. AOB ON KH 4344-1 (1 MAY 75) CONSISTED OF 12 BEAGLE, 3 FIREBAR/BREWER, 11 FISHBED, 1 FARMER, 6 FRESCO, 2 MIDGET, 2 MAYA, 3 CUB, 1 CRATE, 1 HOOK, 4 HIP, 1 HOUND, 3 HARE/HOPLITE, AND 15 LA-17 (DRONES).

25X1

DIA IIM 5B3-1460-76 18 NOV 76 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078232

25X1

1243
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

GUSINAYA LYAGA AIRFIELD
WAC NO : 0162
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 532256N 0782456E
NPIC NO : - 46
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1439-76 15 NOV 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S0782325X1

AGAN AIRFIELD
WAC NO : 0099
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 613751N 0750508E
NPIC NO :
COMIREX NO:

25X1
25X1

DIA IIM 5C-03389-76 18 NOV 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S0782325X1

CHINGYUAN POL STORAGE AREA REGIONAL
WAC NO : 0290
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 80A

CH 420630N 1245550E
NPIC NO : - 163-B
COMIREX NO:

25X1
25X1

DIA IIM 5D-05755-76 18 NOV 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S0782325X1

DAR ES SALAAM SA-3 SITE 1
WAC NO : 1031
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

TZ 064400S 0391630E
NPIC NO : - 3-I
COMIREX NO: []

25X1
25X1

DAR ES SALAAM SA-3 SITE 2
WAC NO : 1031
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

TZ 064900S 0391830E
NPIC NO : - 3-II
COMIREX NO: []

25X1
25X1

DAR ES SALAAM SA-3 SITE 3
WAC NO : 1031
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

TZ 064900S 0391200E
NPIC NO : - 3-I2
COMIREX NO: []

25X1
25X1

DAR ES SALAAM SA-3 SITE 4
WAC NO : 1031
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

TZ 065400S 0391200E
NPIC NO : - 3-I3
COMIREX NO: []

25X1
25X1

DAR ES SALAAM SA-3 SUPPORT FACILITY
WAC NO : 1031
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

TZ 065400S 0391700E
NPIC NO : - 3-65
COMIREX NO: []

25X1
25X1

DAR ES SALAAM SA-3 SUPPORT FACILITY PROB
WAC NO : 1031
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

TZ 065500S 0391600E
NPIC NO : - 3-66
COMIREX NO:

25X1
25X1

DIA IIM 5C-03385-76 22 NOV 76 [] SEC CLASS: 13 MSN: [] 4P

ACCN: S0782325X1

ANNING POL TRANSSHIPMENT AREA STORAGE FACIL
WAC NO : 0496
IDHS CODE: []
ANNING POL TRANSSHIPMENT AREA STORAGE FACIL

BE/OBJ NO: []
EPF CAT : 80A

CH 245720N 1023400E
NPIC NO : - 27-P1
COMIREX NO:
CH 245720N 1023400E

25X1
25X1

1244
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0496 BE/OBJ NO: [] NPIC NO : - 27-P1
IDHS CODE: [] EPF CAT : 85 COMIREX NO:

25X1
25X1

DIA IIM 5C-03386-76 22 NOV 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078237 25X1

KAIFENG PETROLEUM PRODUCTS STORAGE SW PUG CH 344600N 1141923E
WAC NO : 0385 BE/OBJ NO: [] NPIC NO : - 13-D1
IDHS CODE: [] EPF CAT : 80A COMIREX NO:

25X1
25X1

DIA IIM 5B3-1461-76 19 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078238 25X1

KAZAN/KIRBI AIRFIELD UR 553602N 0491710E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 14-01
IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

NPIC BRAD Z1214-76 05 NOV 76 SEC CLASS: 05 MSN: [] 2P ACCN: S078239

ZLOCIENIEC ARMY BARRACKS + AMMO DPO SHIELD 76 PL 533306N 0160320E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 262
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

ZLOCIENIEC ARMY BARRACKS + AMMO DPO SHIELD 76 PL 533306N 0160320E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 262
IDHS CODE: [] EPF CAT : 35F COMIREX NO: []

25X1
25X1

ZLOCIENIEC ARMY BARRACKS + AMMO DPO SHIELD 76 PL 533306N 0160320E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 262
IDHS CODE: [] EPF CAT : 35B COMIREX NO: []

25X1
25X1

25X1

ON PHOTOGRAPHY [] THE VEHICLE PARKS AT ZLOCIENIEC ARMY BARRACKS 1/2/6 + AMMUNITION
DEPOT 504, WHICH NORMALLY CONTAIN ELEMENTS OF TANK AND ARTILLERY REGIMENTS, WERE EMPTY. THIS REDUCTION IN
ACTIVITY INDICATES A PROBABLE INVOLVEMENT IN SHIELD 76.*

NPIC BRAD Z1215-76 05 NOV 76 SEC CLASS: 05 MSN: [] 2P ACCN: S078240

DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76 PL 532300N 0154336E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 284
IDHS CODE: [] EPF CAT : 35B COMIREX NO: []

25X1
25X1

DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76 PL 532300N 0154336E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 284
IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1
25X1

25X1

A HIGH LEVEL OF ACTIVITY WAS EVIDENT ON PHOTOGRAPHY [] AT DRAWSKO POMORSKIE ARMY/SAM
MANEUVER AREA 401 AS PART OF SHIELD 76.**

1245
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

NPIC BRAD Z1216-76 09 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: S078241

OKONEK RAILROAD YARD SOUTH FLATCARS	PL 533120N 0164950E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 237-A1
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
JASTROWIE RAILROAD YARD FLATCARS	PL 532440N 0164759E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
ZLOTOW RAILROAD YARD FLATCARS	PL 532130N 0170310E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
KALISZ POMORSKI RAILROAD YARD FLATCARS	PL 531640N 0155300E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
MILITARY, SHIELD 76 EXERCISE RAIL SUPPORT	PL	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35B	COMIREX NO:

ON PHOTOGRAPHY [] NUMEROUS FLATCARS WERE SEEN IN THE RAILYARDS AT OKONEK, ZLOTOW, JASTROWIE, AND KALISZ POMORSKIE WHICH ARE NEAR MAJOR CENTERS OF ACTIVITY ASSOCIATED WITH THE SHIELD 76 EXERCISE.* 25X1

NPIC BRAD Z1217-76 09 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: S078242

TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76	PL 525622N 0183600E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 154-B1
IDHS CODE: []	EPF CAT : 35B	COMIREX NO:
TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76	PL 525622N 0183600E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 154-B1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:

[] EARLY DEPLOYMENT OF A COMMAND POST AT TORUN TRAINING AREA PODGORZ 416 AS SEEN ON PHOTOGRAPHY [] INDICATES PRELIMINARY PREPARATIONS FOR SHIELD 76 AND ADDITIONALLY THE EFFECTIVENESS OF [] 25X1

NPIC BRAD Z1218-76 09 NOV 76 SEC CLASS: 05 MSN: 2P ACCN: S078243

TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76	PL 530120N 0181520E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 154-J
IDHS CODE: []	EPF CAT : 35B	COMIREX NO:
TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76	PL 530120N 0181520E	
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 154-J
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:

1246
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

EARLY DEPLOYMENT OF A COMMAND POST AT TORUN TRAINING AREA WEST AS SEEN ON PHOTOGRAPHY
INDICATES PRELIMINARY PREPARATIONS FOR SHIELD 76 AND ADDITIONALLY THE EFFECTIVENESS

25X1
25X1
25X1

NPIC BRAD [] 05 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078244

FEODOSIYA NAVAL MISSILE SUPT NVL SAM SYS NEW UR 450808N 0353337E
WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 7-6
IDHS CODE: [] EPF CAT : 40G COMIREX NO: []

25X1
25X1

A PROBABLE NEW NAVAL SAM SYSTEM SIMILAR TO THE DEFENSIVE MISSILE SYSTEM DEVELOPED AT LAUNCH COMPLEX G,
SARY SHAGAN MISSILE TEST CENTER WAS SEEN AT FEODOSIYA MISSILE TEST RANGE ON PHOTOGRAPHY

25X1

NPIC BRAD [] 05 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078245

ZLOCINIENEC ARMY BARRACKS + AMMO DPO SHIELD 76 PL 533306N 0160320E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 262
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []
ZLOCINIENEC ARMY BARRACKS + AMMO DPO SHIELD 76 PL 533306N 0160320E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 262
IDHS CODE: [] EPF CAT : 35F COMIREX NO: []
ZLOCINIENEC ARMY BARRACKS + AMMO DPO SHIELD 76 PL 533306N 0160320E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 262
IDHS CODE: [] EPF CAT : 35B COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1
25X1

REDUCED ACTIVITY LEVELS WERE EVIDENT ON PHOTOGRAPHY [] AT ZLOCINIENEC ARMY BARRACKS
001/2/6 AND AMMUNITION DEPOT 504 AS PART OF **SHIELD 76.**

25X1

NPIC BRAD [] 09 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078246

WALCZ ARMY BARRACKS 4 SHIELD 76 PL 531652N 0162849E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : 1 260-A2
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []
BYDGOSZCZ MILITARY BARRACKS KOSZARY SHIELD 76 PL 530832N 0180052E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 20-B
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []
BYDGOSZCZ MILITARY BARRACKS KOSZARY SHIELD 76 PL 530832N 0180052E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 20-B
IDHS CODE: [] EPF CAT : 35B COMIREX NO: []
WALCZ ARMY BARRACKS 4 SHIELD 76 PL 531652N 0162849E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 260-A2
IDHS CODE: [] EPF CAT : 35B COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

1247
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

REDUCED ACTIVITY LEVELS WERE INDICATED ON PHOTOGRAPHY [REDACTED] AND ON PHOTOGRAPHY [REDACTED] AT BYDGOSZCZ WOW BARRACKS KOSZARY 001/004 AND WALCZ ARMY BARRACKS 004 AS PART OF **SHIELD 76.**

25X1
25X1

NPIC BRAD [REDACTED] 05 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: 50782425X1

DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76 PL 532300N 0154336E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 284
IDHS CODE: [REDACTED] EPF CAT : 40C COMIREX NO: [REDACTED]
DRAWSKO POMORSKIE ARMY/SAM MANEUVER SHIELD 76 PL 532300N 0154336E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 284
IDHS CODE: [REDACTED] EPF CAT : 35B COMIREX NO: [REDACTED]

25X1
25X1
25X1
25X1

A HIGH LEVEL OF ACTIVITY WAS EVIDENT ON PHOTOGRAPHY [REDACTED] AT DRAWSKO POMORSKIE ARMY/SAM MANEUVER AREA 401 AS PART OF **SHIELD 76.**

25X1

NPIC BRAD [REDACTED] 09 NOV 76 [REDACTED] SEC CLASS: 24 MSN: [REDACTED] 3P ACCN: 50782425X1

DEBRZNO AIRFIELD SHIELD 76 SUPPORT PL 533132N 0171532E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 111
IDHS CODE: [REDACTED] EPF CAT : 35B COMIREX NO: [REDACTED]
DEBRZNO AIRFIELD SHIELD 76 SUPPORT PL 533132N 0171532E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 111
IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO: [REDACTED]

25X1
25X1
25X1
25X1

PHOTOGRAPHY [REDACTED] INDICATES PROBABLE CZECHOSLOVAKIAN AIRCRAFT DEPLOYED AT DEBRZNO AIRFIELD, PRESUMABLY IN SUPPORT OF **SHIELD 76.**

25X1

NPIC BRAD [REDACTED] 09 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P ACCN: 50782425X1

OKONEK RAILROAD YARD SOUTH FLATCARS PL 533120N 0164950E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 237-A1
IDHS CODE: [REDACTED] EPF CAT : 85B COMIREX NO: [REDACTED]
JASTROWIE RAILROAD YARD FLATCARS PL 532440N 0164759E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : [REDACTED]
IDHS CODE: [REDACTED] EPF CAT : 85B COMIREX NO: [REDACTED]
ZLOTOW RAILROAD YARD FLATCARS PL 532130N 0170310E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : [REDACTED]
IDHS CODE: [REDACTED] EPF CAT : 85B COMIREX NO: [REDACTED]
KALISZ POMORSKI RAILROAD YARD FLATCARS PL 531640N 0155300E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : [REDACTED]
IDHS CODE: [REDACTED] EPF CAT : 85B COMIREX NO: [REDACTED]
MILITARY, SHIELD 76 EXERCISE RAIL SUPPORT PL

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

1248
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35B COMIREX NO:

ON PHOTOGRAPHY [REDACTED] NUMEROUS FLATCARS WERE SEEN IN THE RAILYARDS AT OKONEK, ZLOTOW, JASTROWIE, AND KALISZ WHICH ARE NEAR MAJOR CENTERS OF ACTIVITY ASSOCIATED WITH THE SHIELD 76 EXERCISE.*

25X1

NPIC BRAD [REDACTED] 09 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P

25X1
25X1
ACCN: S078250

TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76 PL 525622N 0183600E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 154-B1
IDHS CODE: [REDACTED] EPF CAT : 35B COMIREX NO:
TORUN MILITARY TRNG AREA 416 CP CF SHIELD 76 PL 525622N 0183600E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 154-B1
IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO:

25X1

25X1

EARLY DEPLOYMENT OF A COMMAND POST AT TORUN TRAINING AREA PODGORZ 416 AS SEEN ON PHOTOGRAPHY [REDACTED] INDICATES PRELIMINARY PREPARATIONS FOR SHIELD 76 AND ADDITIONALLY THE EFFECTIVENESS OF [REDACTED]

25X1

NPIC BRAD [REDACTED] 09 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P

25X1
25X1
ACCN: S078251

TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76 PL 530120N 0181520E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 154-J
IDHS CODE: [REDACTED] EPF CAT : 35B COMIREX NO:
TORUN MILITARY TRNG AREA WEST CP CF SHIELD 76 PL 530120N 0181520E
WAC NO : 0169 BE/OBJ NO: [REDACTED] NPIC NO : - 154-J
IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO:

25X1

25X1

25X1

25X1

EARLY DEPLOYMENT OF A COMMAND POST AT TORUN TRAINING AREA WEST AS SEEN ON PHOTOGRAPHY [REDACTED] INDICATES PRELIMINARY PREPARATIONS FOR SHIELD 76 AND ADDITIONALLY [REDACTED]

NPIC BRAD [REDACTED] 09 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P

25X1
25X1
ACCN: S078252

SHIPS, KASHIN CLASS DDG MODIFICATIONS UR
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:
SEVASTOPOL NAVAL MISSILE SUPT FAC KASHIN DDG UR 443733N 0333321E
WAC NO : 0250 BE/OBJ NO: [REDACTED] NPIC NO : - 62-C7
IDHS CODE: [REDACTED] EPF CAT : 406 COMIREX NO: [REDACTED]

25X1

25X1

25X1

PHOTOGRAPHY [REDACTED] PROVIDED THE FIRST OBSERVATION OF A NEW SAM WEAPONS SYSTEM AND MODIFICATIONS TO THE ELECTRONICS SUIT ON A KASHIN DDG AT SEVASTOPOL NAVAL MISSILE SUPPORT FACILITY. THE SINGLE-ARM SAM LAUNCHER HAS NOT BEEN IDENTIFIED. THE FORWARD POSITION IS OCCUPIED BY AN UNIDENTIFIED WEAPONS SYSTEM.

1249
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ELECTRONIC CHANGES INCLUDE HEAD NET C RADAR, TWO POSSIBLE BASS TILT RADARS, RADOMES, AND A PROBABLE TOP STEER RADAR.*

NPIC BRAD [] 09 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S0782[] 25X1
HEILUNGCHIANGSHENG FOREST FIRE DAMAGE CH 4845 N 12720 E
WAC NO : 0203 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 10D COMIREX NO:

ON PHOTOGRAPHY [] EXTENSIVE FOREST FIRES + BURNED OUT AREAS WERE OBSERVED IN HEILUNGKIANG PROVINCE NEAR THE SINO-SOVIET BORDER. NO MAJOR MILITARY INSTALLATIONS OR POPULATION CENTERS WERE INVOLVED.*

25X1

NPIC BRAD [] 10 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S0782[] 25X1
RAMENSKOYE FLIGHT TEST CENTER BEAR C UR 553418N 0380923E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 50 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1
AIRCRAFT, BEAR C MISSILE ARMED POSS UR
WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
IDHS CODE: EPF CAT : 05D COMIREX NO:
MISSILES, MISSILE POSS BEAR C MOUNTED UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

THE FIRST OBSERVATION OF TWO UNIDENTIFIED MISSILE-LIKE OBJECTS UNDER THE WINGS OF A BEAR C IN THE TUPOLEV AREA OF THE RAMENSKOYE FLIGHT TEST CENTER WAS MADE ON PHOTOGRAPHY []

25X1

NPIC BRAD [] 12 NOV 76 [] SEC CLASS: 14A MSN: [] 2P ACCN: S0782[] 25X1
UANLE UEN AIRFIELD BEAR D TU-95 IDENT SO 024032N 0444730E
WAC NO : 0911 BE/OBJ NO: [] NPIC NO : - 5 25X1
IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1

NPIC BRAD [] 15 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S0782[] 25X1
LIEPAJA NAVAL BASE WINTER HARBOR G-2 CL SSB UR 563121N 0205935E
WAC NO : 0152 BE/OBJ NO: [] NPIC NO : - 4-B 25X1
IDHS CODE: [] EPF CAT : 75B COMIREX NO: [] 25X1

ON PHOTOGRAPHY [] FOUR G-II CLASS SSBS WERE OBSERVED IN THE NEW HARBOR AREA OF THE LIEPAJA NAVAL BASE WINTER HARBOR. FURTHER PHOTOGRAPHIC EVIDENCE INDICATES THAT THESE SUBMARINES WILL BE PERMANENTLY DEPLOYED TO THE BALTIC FLEET.*

25X1

1250
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

NPIC BRAD [] 16 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078257 25X1

LUTA SHIPYARD DAIREN AO/AOR CLASS NEW CH 385559N 1213816E
WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 18-C 25X1
IDHS CODE: [] EPF CAT : 75E COMIREX NO: [] 25X1
SHIPS, AO/AOR CLASS NEW FITTING-OUT CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

A RECENTLY LAUNCHED, LARGE UNDERWAY REPLENISHMENT SHIP (AO/AOR) WAS OBSERVED FITTING-OUT AT LU-TA SHIPYARD DAIREN ON PHOTOGRAPHY 25X1

NPIC BRAD [] 15 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078258 25X1

SEVERODVINSK NUCLEAR SUB SPEC SUPT Y CL SSBN UR 643445N 0394716E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 8 25X1
IDHS CODE: [] EPF CAT : 75A COMIREX NO: [] 25X1
SHIPS, Y MOD CLASS SSBN MISSILE BAY UR
WAC NO : BE/OBJ NO: NPIC NO : 25X1
IDHS CODE: EPF CAT : 75D COMIREX NO:

THE FIRST, CLEAR OBSERVATION OF THE HIGHER MISSILE BAY ON THE MODIFIED YANKEE SSBN WAS MADE FROM PHOTOGRAPHY [] AT SEVERODVINSK NUCLEAR SUBMARINE SPECIAL SUPPORT FACILITY. MEASUREMENTS AND DESCRIPTION ARE GIVEN.* 25X1

AF REPT 11-76 10 SEP 76 SEC CLASS: 08 MSN: [] 4P ACCN: S078259

MISSILES, CANISTER U/I UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40I COMIREX NO:

THIS REPORT PROVIDES AN ANALYSIS OF THE LAUNCH SEQUENCE OF AN UNIDENTIFIED MISSILE BEING LAUNCHED FROM A SCROOGE-TYPE TEL. INCLUDED IN THE REPORT ARE A LISTING OF MISSILE FEATURES AND THE CORRESPONDING FRAME IN WHICH THE FEATURE CLEARED THE END OF THE LAUNCH TUBE, A LAUNCH SCENARIO WITH THE CORRESPONDING FRAMES, AND A LISTING OF POSITIONS OF THE GUIDE BLOCKS IN RESPECT TO THE MISSILE NOSE DURING THEIR SEPARATION SEQUENCE.

THE REPORT IS KEYED TO DRAWING 76D1020.*

AF REPT 634-76 19 AUG 76 [] SEC CLASS: 13 MSN: [] 6P ACCN: S078260 25X1

CHAPAYEVSK ORDNANCE R+D BALLISTIC TEST FACIL UR 525940N 0494710E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 9-F 25X1

1251
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 356 COMIREX NO: []

25X1

THIS STUDY ON ASSESSMENT OF PERSONNEL STRENGTHS IN THE GROUPS OF SOVIET FORCES PRESENTS THE FOLLOWING CONCLUSIONS - SOME SOVIET UNITS IN THE GROUPS OF FORCES ARE CURRENTLY MANNED WITH FEWER PERSONNEL THAN THE NUMBER AUTHORIZED IN WARTIME.

APPLICATION OF THE NEW DIA METHODOLOGY FOR PERSONNEL ASSESSMENT WILL RESULT IN A REDUCTION IN THE GROUPS OF FORCES PERSONNEL ASSESSMENT BY ABOUT 5,000 PERSONNEL.

PERSONNEL STRENGTH ASSESSMENT WILL REMAIN A DYNAMIC PROCESS. AS MORE USEABLE INFORMATION ON PERSONNEL MANNING LEVELS IS COLLECTED, FURTHER FLUCTUATIONS IN THE CURRENT STRENGTHS OF GROUPS OF FORCES, UNITS ARE ANTICIPATED. COINCIDENTAL WITH POSSIBLE MANNING LEVEL FLUCTUATIONS FOR KNOWN UNITS ARE THE GROWING POSSIBILITIES OF ACCEPTING NEW UNITS. THESE, IF ADDED TO THE ORDER OF BATTLE WOULD CAUSE THE PERSONNEL STRENGTH IN THE GROUPS OF SOVIET FORCES TO INCREASE.

PERSONNEL STRENGTH ASSESSMENT WILL CONTINUE TO BE PLAGUED BY GROSS UNCERTAINTIES, I.E., KNOWN ACTIVE SOVIET INSTALLATIONS WHOSE OCCUPANCY CANNOT BE ATTRIBUTED TO A SPECIFIC UNIT; AND A LACK OF INFORMATION ABOUT VARIOUS SOVIET PERSONNEL MANAGEMENT PRACTICES CONCERNING THE USE OF CIVILIANS, RESERVISTS, PERSONNEL IN TRAINING STATUS, AND MILITARY PERSONNEL IN FUNCTIONS UNRELATED TO THEIR PRIMARY MISSION.

THE UNCERTAINTIES IN PERSONNEL ASSESSMENT SUGGEST THAT MBFR NEGOTIATIONS WOULD BE FACILITATED BY EMPHASIZING UNIT REDUCTIONS AS OPPOSED TO PERSONNEL THIN-OUTS OR RELIANCE UPON VERIFYING TOTAL RESIDUAL PERSONNEL STRENGTHS.

AF REPT 638-76 10 SEP 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: 507826 [] 25X1

KLYUCHI RADIO COMMUNICATIONS XMTR STATION 2 UR 561542N 1604652E
WAC NO : 0132 BE/OBJ NO: [] NPIC NO : - 6-C
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1

PHOTO ANALYSIS OF THE RHOMBIC ANTENNAS AT KLYUCHI RADIO COMMUNICATIONS TRANSMITTER STATION 2 INDICATES THAT THEY ARE OPERATING AS HF RECEIVER ANTENNAS INSTEAD OF TRANSMITTERS. THIS REPORT GIVES DIMENSIONS AND ORIENTATION OF THE COMMUNICATIONS ANTENNAS.

A 3MM SEARCH AROUND THE STATION USING JAN 1976 PHOTOGRAPHY SHOWED NO NEW COMMO OR INSTRUMENTATION FACILITIES. THE COMSAT ANTENNA AT KLYUCHI IS IN A LATE STAGE OF CONSTRUCTION.*

AF REPT 644-76 03 SEP 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: 507826 [] 25X1

YURYA ICBM HQ RADIO COMMUNICATIONS RCVR STA UR 590615N 0491800E
WAC NO : 0155 BE/OBJ NO: [] NPIC NO : - 18-H8
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
YURYA ICBM HQ RADIO RELAY/COMMO XMTR STATION UR 584400N 0493130E
WAC NO : 0155 BE/OBJ NO: [] NPIC NO : - 5-11
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1

25X1
25X1

THIS REPORT LISTS ANTENNA TYPES AND MENSURATION AT YURYA ICBM HQ RADIO COMMUNICATIONS RECEIVER STATION AND AT YURYA ICBM HQ RADIO RELAY AND RADIO COMMUNICATIONS TRANSMITTER STATION. EACH FACILITY HAS A

1252
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

HIP-ROOFED CONTROL BUILDING, SUPPORT BUILDINGS/STRUCTURES, BURIED STRUCTURE, AND A HF ANTENNA FIELD.*

AF REPT 649-76 09 SEP 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078263 25X1

SOLTSY AIRFIELD CRATES/CANISTERS U/I COMP UR 580822N 0301914E
 WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 72 25X1
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
 STRYY AIRFIELD CYLINDERS U/I COMPARISON UR 491443N 0234726E
 WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 186 25X1
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
 SEVEROMORSK AIRFIELD ASM STGE FACIL CRTS/CANS UR 690152N 0332517E
 WAC NO : 0051 BE/OBJ NO: [] NPIC NO : - 32 25X1
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: [] 25X1
 KASPIYSK NAVAL R+D FACILITY TORPS/CRTS/CANS UR 425255N 0473922E
 WAC NO : 0325 BE/OBJ NO: [] NPIC NO : - 35-A 25X1
 IDHS CODE: [] EPF CAT : 75F COMIREX NO: [] 25X1

AF REPT 650-76 03 SEP 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078264 25X1

VERSHINO DARASUNSKIY SA-1 SITE UR 523900N 1150900E
 WAC NO : 0199 BE/OBJ NO: [] NPIC NO : - 20-A 25X1
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: [] 25X1

NO OTHER MISSILE EQUIPMENT THAN THAT NORMALLY ASSOCIATED WITH THE SA-1 MISSILE SYSTEM WAS SEEN AT
 VERSHINO DARASUNSKIY SA-1 SITE AS [] 25X1

AF REPT 654-76 02 SEP 76 [] SEC CLASS: 13 MSN: [] 5P ACCN: S078265 25X1

MOSKVA AIRFIELD CENTRAL AIRCRAFT/ORD DISPLAY UR 554719N 0373150E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 46-K 25X1
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
 MOSKVA AIRFIELD CENTRAL AIRCRAFT/ORD DISPLAY UR 554719N 0373150E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 46-K 25X1
 IDHS CODE: [] EPF CAT : 35 COMIREX NO: [] 25X1
 KRASNODAR AIRFIELD AIRCRAFT/ORDNANCE DISPLAY UR 450508N 0385641E
 WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 19-A 25X1
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
 KRASNODAR AIRFIELD AIRCRAFT/ORDNANCE DISPLAY UR 450508N 0385641E
 WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 19-A 25X1
 IDHS CODE: [] EPF CAT : 35 COMIREX NO: [] 25X1

THIS REPORT PROVIDES DESCRIPTIONS AND DIMENSIONS FOR ALL STORES, EXCEPT MISSILES, SHOWN IN THE MOST
 CURRENT AIRCRAFT ORDNANCE DISPLAYS AT MOSCOW CENTRAL AND KRASNODAR AIRFIELDS ON PHOTOGRAPHY [] 25X1

1253
 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

[Redacted]

25X1

AF REPT 657-76 22 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 2P ACCN: 507826 [Redacted] 25X1

PLESETSK MTC ESV TRACKING FACILITY UR 625357N 0403329E
WAC NO : 0102 BE/OBJ NO: [Redacted] NPIC NO : - 27-N
IDHS CODE: [Redacted] EPF CAT : 25C COMIREX NO: [Redacted]

25X1
25X1

THIS REPORT PROVIDES CHANGES THAT HAVE OCCURRED AT PLESETSK ESV TRACKING FACILITY SINCE PAR 74-693.
ALL ANNOTATIONS IN THIS REPORT ARE KEYED TO DRAWING NUMBER 68E6542/4.*

AF REPT 658-76 21 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 2P ACCN: 507826 [Redacted] 25X1

MISSILES, ICBM TYPE 36 SITES UR
WAC NO : [Redacted] BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: [Redacted] EPF CAT : 40A COMIREX NO:

NO SIGNIFICANT CHANGES IN GUIDANCE FACILITIES AT TYPE IIIG LAUNCH SITES AT DERAZHNYA AND PERVOMAYSK
ICBM COMPLEXES AND AT TYURATAM MISSILE TEST CENTER HAVE OCCURRED SINCE PAR 75-650.*

AF REPT 659-76 28 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 3P ACCN: 507826 [Redacted] 25X1

YELOVKA SPACE TRACKING FACILITY NNE UR 571424N 1613140E
WAC NO : 0132 BE/OBJ NO: [Redacted] NPIC NO : - 27-A
IDHS CODE: [Redacted] EPF CAT : 25C COMIREX NO: [Redacted]

25X1
25X1

THIS REPORT PROVIDES CHANGES THAT HAVE OCCURRED IN THE OPERATIONS AND SUPPORT AREA OF YELOVKA TRACKING
FACILITY NNE.
[Redacted] IT SUPERSEDES PARAGRAPH 26 OF PAR 75-542 DATED MAY 1975. ALL ANNOTATIONS ARE KEYED TO DRAWING NUMBER
75C6513/1.*

25X1
25X1

AF REPT 661-76 27 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 3P ACCN: 507826 [Redacted] 25X1

NARYAN MAR TELEMETRY/TRACKING FACILITY UR 673611N 0525848E
WAC NO : 0093 BE/OBJ NO: [Redacted] NPIC NO : - 4-D1
IDHS CODE: [Redacted] EPF CAT : 25C COMIREX NO: [Redacted]
NARYAN MAR RADIO COMMUNICATIONS XMTR STATION UR 673639N 0530528E
WAC NO : 0093 BE/OBJ NO: [Redacted] NPIC NO : - 4-C1
IDHS CODE: [Redacted] EPF CAT : 25D COMIREX NO: [Redacted]
NARYAN MAR RADIO COMMUNICATIONS XMTR STA WEST UR 673750N 0525400E
WAC NO : 0093 BE/OBJ NO: [Redacted] NPIC NO : - 4-D3
IDHS CODE: [Redacted] EPF CAT : 25D COMIREX NO: [Redacted]

25X1
25X1
25X1
25X1
25X1
25X1

1254
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

THIS REPORT PROVIDES A CHRONOLOGICAL UPDATE OF NARYAN MAR TELEMETRY/TRACKING AND RADCOM FACILITIES SINCE PAR 75-603. ANNOTATIONS ARE KEYED TO DRAWING 75E6526/1.*

AF REPT 663-76 28 SEP 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078276 25X1

NENOKSA NAVAL MTC TRACKING FACILITY UR 643807N 0390924E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 21-A1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
NENOKSA NAVAL MTC ASSEMBLY/CHECKOUT BLDG ANTS UR 643858N 0391125E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 21-D1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1
25X1
25X1

THIS REPORT UPDATES PAR 74-658 OF SEP 1974. ELECTRONIC EQUIPMENT AT NENOKSA MTC TRACKING FACILITY IS IDENTIFIED. AZIMUTH, SIZES, TYPES, AND ORIENTATIONS OF COMMUNICATIONS ANTENNAS AT THE NENOKSA RADCOM FACILITY ARE LISTED. IN THE WESTERN PORTION OF THE SEARCH AREA, A COMMUNICATIONS FACILITY WITH PROBABLE VHF ANTENNAS WAS IDENTIFIED AS ASSOCIATED WITH THE ASSEMBLY/CHECKOUT FACILITY. ALL ANNOTATIONS ARE KEYED TO DRAWING 70C6553/4.*

AF REPT 668-76 27 SEP 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078271 25X1

TYURATAM/KAMCHATKA MTC IMPACT TRACKING FAC 6 UR 570142N 1620114E
WAC NO : 0132 BE/OBJ NO: [] NPIC NO : - 25
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1

THERE HAVE BEEN NO APPARENT CHANGES TO TYURATAM MTR-KAMCHATKA TRACKING FACILITY 6 SINCE PAR 75-542. NO CONSTRUCTION ACTIVITY, INSTRUMENTATION, OR COMMUNICATIONS EQUIPMENT COULD BE IDENTIFIED WITHIN A 3 NAUTICAL MILE RADIUS OF THE FACILITY. PHOTOGRAPHY FROM AUGUST 1975 THROUGH JULY 1976 WAS USED.*

AF REPT 669-76 04 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078272 25X1

BOLSHOY LUMBOVSKIY AW RADAR FACILITY UR 674400N 0403200E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 56-A
IDHS CODE: [] EPF CAT : 25A COMIREX NO: []
GORODETSKIY MISSILE TRACKING FACILITY UR 674357N 0405340E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 33
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1
25X1
25X1

THIS REPORT SUPERSEDES PAR 74-657. THE ONLY APPARENT CHANGES ARE FOUR PROBABLE TUB BRICK ANTENNAS OBSERVED AT BOLSHOY LUMBOVSKIY AW RADAR FACILITY AND PROBABLE HIGH SIEVE ANTENNAS OBSERVED AT GORODETSKIY TRACKING FACILITY.*

AF REPT 670-76 29 SEP 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078273 25X1

1255
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

MISSILES, ICBM TYPE 3F SITES

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

UR

AF REPT 671-76 29 SEP 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07827-25X1

TUNGCHINGCHENG MISSILE BASE U/C SEARCH CH 4400 N 12910 E
WAC NO : 0283 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40 COMIREX NO:

AF REPT 672-76 04 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07827-25X1

NORILSK TELEMETRY/TRACKING FACILITY UR 692130N 0881210E
WAC NO : 0048 BE/OBJ NO: [] NPIC NO : - 2-B4
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1
25A1

ANTENNA TYPES AND ORIENTATIONS AT NORILSK TELEMETRY/TRACKING FACILITY ARE PROVIDED. IN ADDITION, A POSSIBLE INSTRUMENTATION FACILITY WAS IDENTIFIED IMMEDIATELY WEST OF THE TELEMETRY/TRACKING FACILITY.*

AF REPT 674-76 07 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07827-25X1

PEICHING MILITARY BARRACKS COMMUNICATIONS TWR CH 395425N 1162035E
WAC NO : 0381 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1

PEICHING MILITARY BARRACKS COMMUNICATIONS TWR CH 395425N 1162035E
WAC NO : 0381 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1

THIS REPORT VERIFIES A PROBABLE BARRACKS AREA AND MULTI-STORY BUILDING DESCRIBED IN IIR 6010 5991 75. THIS BARRACKS AREA IS LOCATED ADJACENT TO THE NORTHWEST CORNER OF THE PEICHING RADIO AND TV BC CENTER. A PROBABLE COMMUNICATIONS TOWER/MAST WAS OBSERVED MOUNTED ATOP THE ROOF OF THE MULTI-STORY BUILDING.*

AF ENDR A3009-76 08 OCT 76 [] SEC CLASS: 08 MSN: [] 1P ACCN: S078277

AIRCRAFT, FLOGGER B MIG-23 LAUNCH RAIL NEW UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO: []

25X1

AF ENDR B1019-76 13 AUG 76 [] SEC CLASS: 08A MSN: [] 1P ACCN: S078278

AIRCRAFT, FLOGGER MIG-23 UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO: []

25X1

1256
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

AF	ENDR	B1021-76	22 SEP 76		SEC CLASS: 07	MSN:	1P	ACCN: S078279
		MISSILES, AA-8						
		WAC NO :		BE/OBJ NO:		UR		25X1
		IDHS CODE:		EPF CAT : 40J		NPIC NO :		
						COMIREX NO:		
AF	ENDR	C3008-76	10 SEP 76		SEC CLASS: 08	MSN:	1P	ACCN: S078280
		AIRCRAFT, CANDID IL-76 TAIL GUN						
		WAC NO :		BE/OBJ NO:		UR		25X1
		IDHS CODE:		EPF CAT : 05D		NPIC NO :		
						COMIREX NO:		
AF	ENDR	C6513-1-75	15 SEP 76		SEC CLASS: 13	MSN:	1P	ACCN: S078281
		YELOVKA SPACE TRACKING FACILITY NNE						
		WAC NO :	0132	BE/OBJ NO:		UR	571424N 1613140E	25X1
		IDHS CODE:		EPF CAT : 25C		NPIC NO :	- 27-A	25X1
						COMIREX NO:		25X1
AF	ENDR	C6525-4-71	14 JUL 76		SEC CLASS: 13	MSN:	1P	ACCN: S078282
		SHUANGCHENGZU MTC SSM TRACKING FACILITY 23						
		WAC NO :	0287	BE/OBJ NO:		CH	405759N 1001448E	25X1
		IDHS CODE:		EPF CAT : 25C		NPIC NO :	- 1-B1	25X1
						COMIREX NO:		25X1
AF	ENDR	C6547-3-70	AUG 76		SEC CLASS: 13	MSN:	1P	ACCN: S078283
		ROGACHEVO RADIO COMMUNICATIONS STATION WEST						
		WAC NO :	0050	BE/OBJ NO:		UR	713649N 0522107E	25X1
		IDHS CODE:		EPF CAT : 25D		NPIC NO :	- 2-0	25X1
						COMIREX NO:		25X1
AF	ENDR	C6548-2-70	AUG 76		SEC CLASS: 13	MSN:	1P	ACCN: S078284
		BELUSHYA GUBA RADIO RELAY/COMMO STATION NORTH						
		WAC NO :	0050	BE/OBJ NO:		UR	713509N 0522048E	25X1
		IDHS CODE:		EPF CAT : 25D		NPIC NO :	- 2-01	25X1
						COMIREX NO:		25X1
AF	ENDR	C6548-3-71	23 SEP 76		SEC CLASS: 13	MSN:	1P	ACCN: S078285
		TYURATAM/KAMCHATKA MTC IMPACT TRACKING FAC G						
		WAC NO :	0132	BE/OBJ NO:		UR	570142N 1620114E	25X1
		IDHS CODE:		EPF CAT : 25C		NPIC NO :	- 25	25X1
						COMIREX NO:		25X1

1257
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF ENDR C6553-4-70 17 SEP 76 [] SEC CLASS: 13 MSN: 1P ACCN: S07825X1
 NENOKSA NAVAL MTC TRACKING FACILITY UR 643807N 0390924E
 WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 21-A1 25X1
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: [] 25X1

AF ENDR C6558-5-70 14 JUL 76 [] SEC CLASS: 13 MSN: 1P ACCN: S07825X1
 SHUANGCHENG TZO MTC SSM TRACKING FACILITY 22 CH 403715N 1002330E
 WAC NO : 0287 BE/OBJ NO: [] NPIC NO : - 30 25X1
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: [] 25X1

AF ENDR D1020-76 01 SEP 76 SEC CLASS: 08 MSN: 1P ACCN: S078288
 MISSILES, SS-X-15 TYPE CANISTER UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40A COMIREX NO:

AF ENDR D6513-76 02 AUG 76 [] SEC CLASS: 13 MSN: 1P ACCN: S07825X1
 CHAPAYEVSK ORDNANCE R+D BALLISTIC TEST FACIL UR 525940N 0494710E
 WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 9-F 25X1
 IDHS CODE: [] EPF CAT : 356 COMIREX NO: [] 25X1

AF ENDR E1007-1-73 31 AUG 76 SEC CLASS: 07 MSN: 1P ACCN: S078290
 SPACE, MARS-3 SPACECRAFT + LANDER UR
 WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 40H COMIREX NO:

AF ENDR E1515-76 27 AUG 76 [] SEC CLASS: 13 MSN: 1P ACCN: S07825X1
 MISSILES, ICBM TYPE 3H SILO UR
 WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 40A COMIREX NO:

AF ENDR E6514-76 10 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07825X1
 WUCHAI MTC SITE D CH 385044N 1113649E
 WAC NO : 0382 BE/OBJ NO: -01747 NPIC NO : - 77-61 25X1
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

AF ENDR E6514-1-75 27 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07825X1

1258

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WUCHAI MTC IRBM SITE A FACILITY U/I

WAC NO : 0382 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 40B

CH 384952N 1113618E
NPIC NO : - 77-A
COMIREX NO: []

25X1
25X1
25X1

AF ENDR E6526-1-75 20 SEP 76 []

SEC CLASS: 13 MSN: 1P

ACCN: S078294

NARYAN MAR TELEMETRY/TRACKING FACILITY

WAC NO : 0093 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 25C

UR 673611N 0525848E
NPIC NO : - 4-D1
COMIREX NO: []

25X1
25X1
25X1

AF ENDR E6542-4-68 10 SEP 76 []

SEC CLASS: 13 MSN: 1P

ACCN: S078295

PLESETSK MTC ESV TRACKING FACILITY

WAC NO : 0102 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 25C

UR 625357N 0403329E
NPIC NO : - 27-N
COMIREX NO: []

25X1
25X1
25X1

1259
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC MEMO [] 19 NOV 76 [] SEC CLASS: 14D MSN: [] 2P ACCN: S07830 25X1

MAGADAN/YAKUTSK COMMUNICATIONS CABLE LINE	UR 5933 N 15048 E
WAC NO : 0131	BE/OBJ NO:
IDHS CODE: []	EPF CAT : 25D
NPIC NO :	COMIREX NO:
YAKUTSK/MAGADAN COMMUNICATIONS CABLE LINE	UR 6204 N 12938 E
WAC NO : 0124	BE/OBJ NO:
IDHS CODE: []	EPF CAT : 25D
	NPIC NO :
	COMIREX NO:

25X1

25X1

25X1

PHOTOGRAPHY [] WAS USED IN A REVIEW TO DETERMINE THE STATUS OF THE MAINLINE CABLE BETWEEN YAKUTSK AND MAGADAN. THE CABLE LINE APPEARED COMPLETE EXCEPT FOR APPROXIMATELY 20 NM AT ADYGALAKH.
*

25X1

DIA NBRG NDA07-5055-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078306

25X1

1260
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

HODMEZOVA SARHELY ARMY BARRACKS ZRINYI 1 HU 462413N 0201913E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 230
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

DIA NBRG NDA07-5064-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078308

DEBRECEN ARMY BKS GERKICSIZO 7/SAM TRNG FACIL HU 473253N 0213616E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 32-H
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []
 DEBRECEN ARMY BKS GERKICSIZO 7/SAM TRNG FACIL HU 473253N 0213616E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 32-H
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1
25X1
25X1
25X1

DIA NBRG NDA07-5065-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078309

MEZOTUR ARMY BARRACKS SZABO LAJOS 1 HU 470028N 0203548E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 72-A
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5066-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078310

JANOSHALMA ARMY BARRACKS 1 HU 461657N 0191816E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 231
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5067-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078311

VERPELET ARMY BARRACKS BEM JOSZEF 1 HU 475115N 0201310E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 232
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5068-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078312

NAGYKANIZSA ARMY BARRACKS DOSZA GYORGY 2 HU 462719N 0170045E
 WAC NO : 0252 BE/OBJ NO: [] NPIC NO : - 37-B
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

1261
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA NBRG NDA07-5069-77 15 NOV 76 SEC CLASS: 05B MSN: 1P ACCN: S078313

KESZTHELY ARMY BARRACKS SZABADSAG 1 HU 464617N 0171418E
WAC NO : 0252 BE/OBJ NO: [] NPIC NO : - 87
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5001-77 05 NOV 76 SEC CLASS: 05G MSN: 1P ACCN: S078314

PETROPAVLOVSK NAVAL AREA SW APPROACHES UR 5253 N 15826 E
WAC NO : 0194 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5002-77 05 NOV 76 SEC CLASS: 05G MSN: 1P ACCN: S078315

PETROPAVLOVSK SHIPYARD + NAVAL BASE SELDEVAYA UR 525358N 1582607E
WAC NO : 0194 BE/OBJ NO: [] NPIC NO : - 12-0
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []
PETROPAVLOVSK SHIPYARD + NAVAL BASE SELDEVAYA UR 525358N 1582607E
WAC NO : 0194 BE/OBJ NO: [] NPIC NO : - 12-0
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []

25X1
25X1
25X1
25X1

DIA NBRG NDA06-5003-77 05 NOV 76 SEC CLASS: 05G MSN: 1P ACCN: S078316

PETROPAVLOVSK SUBMARINE BASE + SHIP REPAIR YD UR 525455N 1582952E
WAC NO : 0194 BE/OBJ NO: [] NPIC NO : - 12
IDHS CODE: [] EPF CAT : 75A COMIREX NO: []
PETROPAVLOVSK SUBMARINE BASE + SHIP REPAIR YD UR 525455N 1582952E
WAC NO : 0194 BE/OBJ NO: [] NPIC NO : - 12
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1
25X1
25X1

DIA NBRG NDA06-5004-77 05 NOV 76 SEC CLASS: 05G MSN: 1P ACCN: S078317

PETROPAVLOVSK NAVAL MISSILE LOADING FACILITY UR 525714N 1582550E
WAC NO : 0194 BE/OBJ NO: [] NPIC NO : - 12-L
IDHS CODE: [] EPF CAT : 406 COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5005-77 08 NOV 76 SEC CLASS: 05G MSN: 1P ACCN: S078318

VLADIMIR NAVAL FACILITIES APPROACHES UR 4353 N 13527 E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5006-77 08 NOV 76 SEC CLASS: 05G MSN: 1P ACCN: S078319

25X1

1262
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

VLADIMIR SUBMARINE BASE
WAC NO : 0291
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 75A

UR 435614N 1352723E
NPIC NO : - 45
COMIREX NO: []

25X1
25X1
25X1

25X1

NPIC MEMO

29 NOV 76

SEC CLASS: 14B MSN: []

4P

ACCN: S078324

25X1

TYURATAM MTC ICBM SUPPORT FACIL SIGNALS BKS

UR 453808N 0631734E

WAC NO : 0246

BE/OBJ NO: []

NPIC NO : - 6-E2

IDHS CODE: []

EPF CAT : 25C

COMIREX NO: []

25X1
25X1
25X1

A SIGNAL UNIT GARRISON WAS IDENTIFIED IN THE SOUTH CENTRAL PORTION OF THE TYURATAM ICBM TEST SUPPORT FACILITY MAIN [] THIS IS SOMETIMES REFERRED TO AS LENINSK. NO ELECTRONICS-ASSOCIATED VEHICLES COULD BE IDENTIFIED AT THIS GARRISON ON REPETITIVE PHOTOGRAPHY COVERAGE. HOWEVER, FIXED RADIO COMMUNICATIONS ANTENNAS, CONSISTING OF R-400 MICROWAVE ANTENNAS AND COMMUNICATIONS MASTS WERE IDENTIFIED. THE SIGNAL UNIT GARRISON, CONSISTING OF AN OPERATIONS AREA, A HOUSING/SERVICE AREA, AND A MOTOR POOL, IS

25X1

1263

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DESCRIBED.*

DIA IIM 5B3-1360-76 26 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S0783225X1
 KECSKEMET AIRFIELD AAM STORAGE POTENTIAL HU 465506N 0194457E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 58-A
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

25X1

DIA IIM 5B3-1361-76 26 NOV 76 [] SEC CLASS: 13 MSN: [] 5P ACCN: S0783225X1
 PRAHA AIRCRAFT ENGINE TEST FAC STARA BOLES LAV CZ 501300N 0144200E
 WAC NO : 0231 BE/OBJ NO: [] NPIC NO : - 265-A
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1

25X1
25X1

DIA IIM 5B3-1353-76 24 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S0783225X1
 TASZAR AIRFIELD AAM STORAGE POTENTIAL HU 462336N 0175453E
 WAC NO : 0252 BE/OBJ NO: [] NPIC NO : - 61-A
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1

25X1
25X1

DIA IIM 5B3-1359-76 24 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S0783225X1
 BECHYNE AIRFIELD AAM STORAGE POTENTIAL CZ 491630N 0143010E
 WAC NO : 0231 BE/OBJ NO: [] NPIC NO : - 12
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1

25X1
25X1

DIA IIM 5B3-1352-76 24 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S0783225X1
 PAPA AIRFIELD AAM STORAGE POTENTIAL HU 472153N 0173004E
 WAC NO : 0252 BE/OBJ NO: [] NPIC NO : - 41
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1

25X1

1264
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA	IIM	5B3-1474-76	24 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078332	25X1
		KYZYLAGASH AIRFIELD NW				UR 452555N 0784125E			25X1
		WAC NO : 0244		BE/OBJ NO: [REDACTED]		NPIC NO : - 207			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1511-76	26 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S078333	25X1
		VILYUYSK AIRFIELD				UR 634700N 1213800E			25X1
		WAC NO : 0125		BE/OBJ NO: [REDACTED]		NPIC NO : - 7			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1510-76	26 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S078334	25X1
		LENINO AIRFIELD				UR 525435N 1565220E			25X1
		WAC NO : 0194		BE/OBJ NO: [REDACTED]		NPIC NO : - 29			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1448-76	26 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S078335	25X1
		VARYEGAN AIRFIELD				UR 615903N 0763649E			25X1
		WAC NO : 0099		BE/OBJ NO: [REDACTED]		NPIC NO :			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1486-76	26 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078336	25X1
		CESKE BUDEJOVICE AIRFIELD AAM STORAGE PNTI				CZ 485648N 0142542E			25X1
		WAC NO : 0231		BE/OBJ NO: [REDACTED]		NPIC NO : - 29-A			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1479-76	24 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S078337	25X1
		LASTOCHKA AIRFIELD				UR 462326N 1340612E			25X1
		WAC NO : 0282		BE/OBJ NO: [REDACTED]		NPIC NO : - 112			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1362-76	26 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	8P	ACCN: S078338	25X1
		PRAHA AIRCRAFT REPAIR BASE				CZ 500543N 0141703E			25X1
		WAC NO : 0231		BE/OBJ NO: [REDACTED]		NPIC NO :			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05F		COMIREX NO: [REDACTED]			25X1

1265
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA IIM 5B3-1513-76 29 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S0783325X1

ZHIGANSK AIRFIELD

WAC NO : 0071

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 05A

UR 664745N 1232100E

NPIC NO : - 2

COMIREX NO:

25X1

25X1

DIA IIM 5B3-1522-76 29 NOV 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S0783425X1

SUSUMAN AIRFIELD

WAC NO : 0123

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 05A

UR 624550N 1480930E

NPIC NO : - 5-A

COMIREX NO:

25X1

25X1

NPIC BIIR RCA15-0001-77 NOV 76 [] SEC CLASS: 25 MSN: [] 16P ACCN: S0783425X1

KAPUSTIN YAR MTC

WAC NO : 0235

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 40E

UR 484107N 0455853E

NPIC NO : - 10

COMIREX NO: []

25X1

25X1

MOST OF THE ACTIVITY OBSERVED AT THE KAPUSTIN YAR MISSILE/SPACE TEST CENTER SSM BETWEEN [] APPEARED TO BE RELATED TO THE SS-X-16/-20 PROGRAM. THIS ACTIVITY INCLUDED THE FIRST SIGHTING OF A PROBABLY FULLY ASSEMBLED SS-X-20 CANISTER ON AN SS-X-16/-20 TRANSPORTER-ERECTOR-LAUNCHER (TEL)/RESUPPLY VEHICLE, NEW CONSTRUCTION INCLUDING THE ADDITION OF ROOF VENTS TO TEN MISSILE-RELATED BUILDINGS IN ONE OF THE SUPPORT AREAS, AND MODIFICATIONS AT LAUNCH PAD 1C-3 AND TO TWO DOWNRANGE INTERFEROMETERS.

25X1

25X1

THE REPORT IS BASED ON ALL PERTINENT KEYHOLE PHOTOGRAPHY AND UPDATES A PREVIOUS NPIC REPORT,

25X1

25X1

DIA IIM 5B3-1553-76 29 NOV 76 [] SEC CLASS: 13 MSN: [] 22P ACCN: S0783425X1

FAGARAS CHEMICAL COMBINE 1

WAC NO : 0251

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 30F

RO 454840N 0245836E

NPIC NO : - 42

COMIREX NO: []

25X1

25X1

DIA IIM 5B3-1468-76 24 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S0783425X1

KURESSAARE AIRFIELD

WAC NO : 0153

BE/OBJ NO: []

UR 581345N 0223025E

NPIC NO : - 69-C

25X1

25X1

1266
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
 DIA IIM 5B2-1484-76 26 NOV 76 [] SEC CLASS: 14B MSN: [] 6P ACCN: S078345 25X1
 LOM PORT FACILITIES BU 435000N 0231400E 25X1
 WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 49-A 25X1
 IDHS CODE: [] EPF CAT : 75I COMIREX NO: [] 25X1
 DIA IIM 5B2-1456-76 26 NOV 76 [] SEC CLASS: 14B MSN: [] 5P ACCN: S078346 25X1
 KAMYSHIN PORT FACILITIES VOLGA RIVER UR 500550N 0452335E 25X1
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 8-M3 25X1
 IDHS CODE: [] EPF CAT : 75I COMIREX NO: [] 25X1
 AF BREF BEE24-8001-77 20 OCT 76 SEC CLASS: 05 MSN: [] 4P ACCN: S078347 25X1



MILITARY T-72 MEDIUM TANK UR 25X1
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 35E COMIREX NO: []

THIS DIRECT SUPPORT IMAGERY INTERPRETATION BRIEF (DSIIB) PROVIDES INFORMATION ON THE INITIAL DEPLOYMENT OF THE T-72 MEDIUM TANKS TO GROUP OF SOVIET FORCES GERMANY (GSFG.)

DIA IIM 5B2-1485-76 26 NOV 76 [] SEC CLASS: 14B MSN: [] 22P ACCN: S078348 25X1
 SWINOUJSCIE PORT FACILITIES PL 535350N 0141554E 25X1
 WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 150-B8 25X1
 IDHS CODE: [] EPF CAT : 75I COMIREX NO: [] 25X1
 DIA IIM 5B2-1495-76 26 NOV 76 [] SEC CLASS: 14B MSN: [] 8P ACCN: S078349 25X1
 TBILISI PETROLEUM PRODUCTS STGE ORKHEVI U/G UR 414040N 0445538E 25X1
 WAC NO : 0325 BE/OBJ NO: [] NPIC NO : - 61-L1 25X1
 IDHS CODE: [] EPF CAT : 80A COMIREX NO: []

1267
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA IIM 5D-05759-76 26 NOV 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S0783525X1

KIMBERLEY POL STORAGE GROUP SF 284600S 0244615E
WAC NO : 1397 BE/OBJ NO: NPIC NO :
IDHS CODE: [] EPF CAT : 80A COMIREX NO:

NPIC MEMO [] 01 DEC 76 [] SEC CLASS: 14B MSN: [] 1P ACCN: S0783525X1

KARAMANTSI RADIO RELAY FACILITY SEARCH BU 4150 N 02520 E
WAC NO : 0322 BE/OBJ NO: NPIC NO :
IDHS CODE: [] EPF CAT : 25D COMIREX NO:

NPIC MEMO [] 01 DEC 76 [] SEC CLASS: 14B MSN: [] 1P ACCN: S0783525X1

MIN KUSH TROPOSCATTER STATION PROB UR 414330N 0742930E
WAC NO : 0328 BE/OBJ NO: [] NPIC NO : - 154
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

NPIC MEMO [] 02 DEC 76 [] SEC CLASS: 14B MSN: [] 2P ACCN: S0783525X1

MICHURIN BORDER GUARD OBSERVATION POST SEARCH BU 4210 N 02751 E
WAC NO : 0323 BE/OBJ NO: NPIC NO :
IDHS CODE: [] EPF CAT : 35A COMIREX NO:

NPIC MEMO [] 02 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S0783525X1

POLTSAMAA BOMBING RANGE UR 582900N 0261200E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 97
IDHS CODE: [] EPF CAT : 05 COMIREX NO:

DIA STDY DST1070R-582-76 OCT 76 [] SEC CLASS: 25 MSN: [] 134P ACCN: S0783525X1

MISSILES, SAM SYSTEM NEW UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40C COMIREX NO:

SARY SHAGAN MTC COMPLEX G SAM SYSTEM NEW UR 455149N 0732352E
WAC NO : 0245 BE/OBJ NO: [] NPIC NO : - 78-A
IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

LAUNCH COMPLEX G AT THE SARY SHAGAN MISSILE TEST RANGE (SSMTR) HAS BEEN UNDER CONSTRUCTION SINCE MAY 1970. FIVE TRACKING FACILITIES, DESIGNATED G-1 THROUGH G-5 (FROM 7.4 TO 46.3 KM DOWNRANGE), ARE ASSOCIATED WITH THE COMPLEX. THE LAUNCH COMPLEX G SYSTEM NOT ONLY USES PROTOTYPE DEVELOPMENTS OF VARIOUS SYSTEM

1268

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TECHNOLOGIES, BUT ALSO APPARENTLY INTEGRATES PRIOR CW TECHNOLOGY. MAJOR COMPONENTS OF THE SYSTEM ARE A TOWER-MOUNTED CW ACQUISITION RADAR (CLAM SHELL), A PLANAR ARRAY TARGET TRACKING RADAR (FLAP LID), A FOUR-TUBE LAUNCHER AND THE SH-7 INTERCEPTOR. ASSESSMENTS INDICATE THAT A PLANAR EARLY WARNING RADAR (B/B) AT AREA 7, SSMTR, AND PERHAPS THE COFFIN AT AREA 1, SSMTR, MAY ALSO BE ASSOCIATED WITH THE TOTAL SYSTEM.

THE COMPLEX G SYSTEM IS THE FIRST STRATEGIC SAM TO EMPLOY A 'QUICK' REACTION' (29 G AXIAL) INTERCEPTOR. TESTING OF VARIOUS COMPONENTS APPEARS TO INDICATE THAT THE LAUNCH COMPLEX G SYSTEM MAY REACH AN INITIAL OPERATIONAL CAPABILITY BETWEEN 1980 AND 1985. THE INTERCEPTOR, THE SH-7, IS APPARENTLY COMMAND GUIDED. FROM A SYSTEM COMPATIBILITY STANDPOINT, IT APPEARS TO BE REASONABLY MATCHED TO THE CLAM SHELL AND B/B ACQUISITION RADARS. PRELIMINARY SYSTEM SIMULATIONS INDICATE THAT THE SYSTEM CAN DEFEND ITSELF AGAINST BOTH THE TERRAIN-FOLLOWING AND SEMIBALLISTIC SRAMS. INTERCEPTOR VELOCITIES AT ENDGAME INDICATE THAT THE MAXIMUM SYSTEM EFFECTIVE RANGE AGAINST SUBSONIC HIGH-ALTITUDE AIRCRAFT IS ABOUT 150 KM. THE SYSTEM MAY BE THE COVERAGE OF EXISTING STRATEGIC SAM SYSTEMS. IN ITS EXPECTED MODE OF OPERATION, THE SYSTEM WILL EMPLOY THE CLAM SHELL AND B/B AS COMPLEMENTARY SEARCH/ACQUISITION RADARS. THE FLAP LID RADAR, IN ADDITION TO TARGET TRACK, MAY ALSO PROVIDE SH-7 INTERCEPTOR TRACK AND POSSIBLY THE COMMAND GUIDANCE SIGNAL. ALTHOUGH THE COFFIN, A PROBABLE LASER WEAPON PROTOTYPE, IS TENTATIVELY ASSOCIATED WITH THE LAUNCH COMPLEX G SYSTEM, THE SYSTEM REQUIREMENTS FOR SUCH A DEVICE ARE UNCLEAR. IT MAY OR MAY NOT BE INTENDED FOR DEPLOYMENT WITH THE LAUNCH COMPLEX G SYSTEM.

DIA STDY DDI2680-023C-76 OCT 76 [] SEC CLASS: 24 MSN: 39P ACCN: 5078356 25X1

PHOTO, RECONNAISSANCE DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO :
IDHS CODE:	EPF CAT : 65
NPIC NO :	COMIREX NO:
MISSILES, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO :
IDHS CODE:	EPF CAT : 40
NPIC NO :	COMIREX NO:
NAVAL, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO :
IDHS CODE:	EPF CAT : 75
NPIC NO :	COMIREX NO:
AIRCRAFT, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO :
IDHS CODE:	EPF CAT : 05
NPIC NO :	COMIREX NO:
ELECTRONICS, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO :
IDHS CODE:	EPF CAT : 25
NPIC NO :	COMIREX NO:
MILITARY, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO :
IDHS CODE:	EPF CAT : 35
NPIC NO :	COMIREX NO:

DIA STDY DDI1700-019-76 NOV 76 [] SEC CLASS: 24 MSN: 29P ACCN: 5078357 25X1

ELECTRONICS, ECM CAPABILITIES AIR DEFENSE	UR
WAC NO :	BE/OBJ NO :
NPIC NO :	COMIREX NO:

1269
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: EPF CAT : 25 COMIREX NO:

A RECENT REASSESSMENT OF SOVIET USE OF ELECTRONIC COUNTERMEASURES (ECM) AS A STRATEGIC AIR DEFENSE TOOL INDICATES THAT SPECIALIZED EQUIPMENT AND MANPOWER IS DEPLOYED AND READILY AVAILABLE TO SUPPLEMENT THE OTHER ELEMENTS OF THE STRATEGIC AIR DEFENSE NETWORK. AT LEAST 18 OF THE 26 KNOWN AIR DEFENSE ECM UNITS IN THE USSR ARE BELIEVED TO BE SUBORDINATED TO PVO STRANY - THE SOVIET STRATEGIC AIR DEFENSE ORGANIZATION. SPECIFIC AIR DEFENSE ECM EQUIPMENT HAS BEEN LOCATED AT SOME 66 LOCATIONS WITHIN THE USSR. THE DEPLOYMENT PATTERN COVERS A WIDE SPECTRUM OF TARGETS, INCLUDING MOST MAJOR POPULATION CENTERS, KEY INDUSTRIAL AND MILITARY AREAS, AS WELL AS POTENTIAL BOMBER PENETRATION AXES. EQUIPMENT AT FIXED SITES PROVIDES DEFENSE FOR THE APPROACHES TO THE LARGE PORT CITIES OF LENINGRAD, SEVASTOPOL, AND VLADIVOSTOK; HOWEVER, AT THE PRESENT TIME THE MAJORITY OF THE ECM EQUIPMENT IS HOUSED AT MAINTENANCE PARKS FOR RAPID DEPLOYMENT TO FIELD LOCATIONS. THE REASSESSMENT IS CONTINUING AND AS YET THE NET EFFECTIVENESS OF THE ECM THREAT HAS NOT BEEN DETERMINED.

DIA STDY DDI1240-001-76 OCT 76 [] SEC CLASS: 24 MSN: 17P ACCN: S07835825X1

MISSILES, SSC-1B CHARACTERISTICS/DEPLOYMENT UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 40K COMIREX NO:

25X1

THE SOVIET UNION, SPREAD ACROSS THE EURASIAN LANDMASS WITH INTERIOR LINES OF COMMUNICATION TO ITS ALLIES, MUST PREPARE FOR THE DEFENSE OF THE SEA APPROACHES AND DISRUPTION OF THE SEA LINES OF COMMUNICATION OF ITS ENEMIES. THE SOVIET NAVY, TASKED WITH THIS RESPONSIBILITY, HAS NOW DEPLOYED AN EFFECTIVE COASTAL DEFENSE CRUISE MISSILE SYSTEM THROUGHOUT ITS FOUR FLEET AREAS. ALTHOUGH THE SIZE OF THE COASTAL DEFENSE FORCE HAS REMAINED ABOUT THE SAME, ITS DEFENSIVE CAPABILITY HAS BEEN SIGNIFICANTLY ENHANCED BY THE INTRODUCTION AND DEPLOYMENT OF THE TRANSPORTABLE SEPAL (SSC-1B) CRUISE MISSILE. THE MISSILE, A COASTAL DEFENSE VARIANT OF THE SS-N-3 FAMILY, WAS FIRST OBSERVED IN SOVIET FLEET UNITS IN 1963, BUT THE FIRST REPORTED SIGHTING IN THE PACIFIC AREA DID NOT OCCUR UNTIL APRIL 1973. THE SEPAL HAS TREBLED THE RANGE OF THE FORMER NAVAL SHORE-BASED COASTAL DEFENSE SYSTEMS AND A MEASURE OF INSURING SEPAL READINESS HAS BEEN AT LEAST ANNUAL FIRING EXERCISES SINCE 1973.

DIA STDY DSTI070R-580-76 SEP 76 [] SEC CLASS: 25 MSN: 49P ACCN: S07835825X1

ELECTRONICS, SH-6 RKT ELCT SIG INTERCEPT POSS UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:
SARY SHAGAN MTC SH-6 ROCKET VEHICLE UR 460147N 0724009E
WAC NO : 0245 BE/OBJ NO: [] NPIC NO : - 2
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THE SH-6 IS A SINGLE-STAGE, LIQUID PROPELLANT VEHICLE PROBABLY LAUNCHED FROM AN SA-1 TRANSPORTER-ERECTOR-LAUNCHER. THE PERFORMANCE OF THE SH-6 INDICATES THAT IT IS NOT A MODIFIED SA-1 GUILD MISSILE, BUT HAS BEEN ADAPTED TO USE SA-1 SUPPORT EQUIPMENT (TRANSPORTER-ERECTOR-LAUNCHER AND

1270
TOP SECRET CHESS RUFF

25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1
ZDAI

TRANSPORTER). TEN FLIGHTS OF THE SH-6 HAVE BEEN DETECTED. THE FIRST EIGHT LAUNCHES PROBABLY OCCURRED AT LAUNCH COMPLEX B, LAUNCH POSITION B2 OF THE SARY SHAGAN MISSILE TEST RANGE. THE TWO MOST RECENT LAUNCHES, HOWEVER, PROBABLY TOOK PLACE ABOUT 3000 KILOMETERS TO THE EAST-NORTHEAST IN THE VICINITY OF CHITA, U.S.S.R. SH-6 TELEMETRY WAS FIRST INTERCEPTED [REDACTED] WITH THE FIRST LAUNCH OCCURRING [REDACTED]

[REDACTED] THERE WERE TWO LAUNCHES IN OCTOBER 1974, TWO IN DECEMBER 1974, THREE IN APRIL 1975, ONE IN JUNE 1976, AND ONE IN JULY 1976. THE FIRST THREE FLIGHTS WERE PROBABLY RELATED TO PERFORMANCE CHECKOUT RATHER THAN TO A FLIGHT TEST PROGRAM FOR A BALLISTIC MISSILE INTERCEPTOR, SINCE THE LIMITED NUMBER OF PROPULSION MEASUREMENTS SUGGEST AN OLDER VEHICLE OF KNOWN RELIABILITY. THE TRAJECTORY OF THE SH-6 IS NEARLY VERTICAL WITH APOGEE OF ABOUT 250 KILOMETERS.

25X1
ZDAI

25X1

1271
TOP SECRET CHESS RUFF [REDACTED]

25X1

TOP SECRET CHESS RUFF

25X1

25X1

DIA STDY DST1070S-311-76 24 SEP 76 [REDACTED] SEC CLASS: 24 MSN: 282P ACCN: S07836

25X1

TYURATAM MTC
WAC NO : 0246 BE/OBJ NO: [REDACTED] UR 455637N 0632755E
IDHS CODE: [REDACTED] EPF CAT : 40E NPIC NO : 6
COMIREX NO: [REDACTED]

25X1
25X1

THIS STUDY PROVIDES A COMPREHENSIVE ASSESSMENT OF THE TYURATAM MISSILE TEST RANGE. IT IS INTENDED FOR USE BY R+D AND PLANNING ORGANIZATIONS AND INTELLIGENCE COMMUNITY ELEMENTS THAT REQUIRE IN-DEPTH KNOWLEDGE OF USSR MISSILE TEST RANGE ACTIVITY. DETAILED DESCRIPTIONS OF SYSTEMS AND ELECTRONIC EQUIPMENT MENTIONED IN THIS STUDY ARE CONTAINED IN SEPARATE STUDIES PERTAINING TO THESE TOPICS. THIS PRODUCT SUPERSEDES SAO/ST-SS-10-311-75 AND PROVIDES COMPLETED ANALYSIS ON DATA THROUGH 1 JANUARY 1976.

THE TYURATAM MISSILE TEST RANGE (TTMTR) CONSISTS OF THE TYURATAM MISSILE TEST CENTER (TTMTC) AND DOWNRANGE INSTRUMENTATION STATIONS. TTMTR SHARES WITH PLESetsk MISSILE AND SPACE RANGE (PMSR) THE USE OF THE PRECISION TRACKING SYSTEM, THE KAMCHATKA IMPACT AREA, AND THE EARTH SATELLITE VEHICLE (ESV) RECOVERY FACILITIES.

TYURATAM IS THE WORLD'S LARGEST AND FASTEST GROWING MISSILE AND SPACE CENTER. TOTAL POPULATION OF TTMTC IS NEARLY 100,000 PEOPLE INCLUDING 37,000 DEPENDENTS. SINCE CONSTRUCTION STARTED ON THE FIRST LAUNCHER IN 1955, EXPANSION OF THE RANGEHEAD HAS AVERAGED NEARLY SIX NEW LAUNCHERS PER YEAR. THE 1964-1965 TIME PERIOD WAS ONE OF TREMENDOUS GROWTH WITH 27 NEW SITES STARTED IN APPROXIMATELY 24 MONTHS. AS OF 1 JUNE 1976, 82 LAUNCHERS HAVE BEEN IDENTIFIED. OF THESE, 57 ARE COMPLETE AND ACTIVE, 3 ARE UNDER CONSTRUCTION, AND 22 ARE ABANDONED/INACTIVE. INCLUDED AMONG THE COMPLETED ICBM LAUNCHERS ARE SILOS RELATED TO THE SS-17, SS-18, AND THE SS-19 LAUNCH PROGRAMS.

IN ADDITION TO BUILDING NEW SITES, THE SOVIETS CONTINUE TO MAKE USE OF OLDER ESTABLISHED RANGEHEAD LAUNCHERS BY MODIFYING THEM TO SUPPORT NEW DEVELOPMENT PROGRAMS. AS EXPANSION REQUIREMENTS DEVELOP AT TYURATAM, SUITABLE LAND IS AVAILABLE EITHER WITHIN EXISTING BOUNDARIES OR EAST OF THE RANGEHEAD TO PROVIDE FOR MANY YEARS OF CONTINUED GROWTH.

DIA STDY DST1020S-418-76 01 OCT 76 [REDACTED] SEC CLASS: 25 MSN: 53P ACCN: S07836

25X1

MISSILES, SLBM DEVELOPMENTS
WAC NO : BE/OBJ NO: [REDACTED] UR
IDHS CODE: EPF CAT : 40G NPIC NO :
COMIREX NO:

PHOTOGRAPHIC EVIDENCE COLLECTED AT SOVIET NAVAL RELATED BALLISTIC MISSILE FACILITIES, AS WELL AS COMINT/SIGINT ON SUBMARINE-LAUNCHED BALLISTIC MISSILE (SLBM) ASSOCIATED ACTIVITIES, HAS PROVIDED DEVELOPMENTAL INDICATORS OF FOLLOW-ON WEAPON SYSTEMS. THERE ARE FIVE NEW SLBM'S PROJECTED FOR THE 1976-1986 PERIOD. THESE FIVE NEW WEAPONS SYSTEMS ARE THE SS-NX-17, SS-NX-18, NEW LARGE SLBM, AN SS-N-6

25X1

1272
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

REPLACEMENT AND AN SS-N-8 REPLACEMENT.

DEVELOPMENTAL INDICATORS DISCUSSED IN THIS PUBLICATION INCLUDE MISSILE RESEARCH, DEVELOPMENT, PRODUCTION, TEST AND EVALUATION, MISSILE POP-UP TEST FACILITIES, MISSILE LANDBASED TEST CENTER MODIFICATIONS, SLBM LAUNCH PLATFORMS, AND THE FLIGHT TESTING OF THE SS-NX-17 AND SS-NX-18. BASIC TRENDS AND FORECASTS ARE CONTAINED IN 'SUBMARINE-LAUNCHED BALLISTIC MISSILE (SLBM) TRENDS - U.S.S.R. (U)'.
DST-1020S-418-76, SECRET VERSION.

TWO NEW SLBM PROGRAMS BEGAN FLIGHT TESTING FROM NENOKSA NAVAL MISSILE TEST CENTER IN 1975 AND HAVE PROGRESSED IN 1976. IT IS ESTIMATED THAT THE SS-NX-17 AND SS-NX-18 SLBM SYSTEMS WILL ACHIEVE INITIAL OPERATIONAL CAPABILITY (IOC) IN 1978. THIS IS BASED ON A PATTERN OF A 2-YEAR LANDBASED FLIGHT TEST PROGRAM, FOLLOWED BY A 1-YEAR AT-SEA TEST PROGRAM. THE SS-NX-17 HAS DEMONSTRATED A 2,200-KILOMETER RANGE, AND THE ASSESSED OPERATIONAL PLATFORM FOR THIS SLBM IS THE MODIFIED YANKEE SSBN (12 TUBES). THE SS-NX-18 HAS DEMONSTRATED A 5,500-KILOMETER RANGE, AND THE ASSESSED OPERATIONAL PLATFORM FOR THIS SLBM IS A NEW SUBMARINE ARBITRARILY DESIGNATED DELTA II FOLLOW-ON.

INDICATORS ARE PRESENT THAT A POSSIBLE, NEW, 'LARGE' SLBM (POSSIBLY 17 METERS IN LENGTH BY 2 METERS IN DIAMETER), COMPATIBLE WITH A POSSIBLE, NEW CLASS SUBMARINE (IOC EARLY 1980'S), IS UNDER DEVELOPMENT.

IT IS ALSO ESTIMATED THAT AN IMPROVED SS-N-6/YANKEE REPLACEMENT MISSILE AND AN IMPROVED SS-N-8/DELTA REPLACEMENT MISSILE SYSTEM WILL BE DEVELOPED FOR THE 1981-1986 TIME FRAME. THESE MISSILES WILL INCORPORATE IMPROVED TECHNOLOGY AND COMPATIBLE SIZES FOR EASY BACKFITTING INTO CURRENTLY AVAILABLE YANKEE AND DELTA CLASS SUBMARINES.

NPIC BRAD 21219-76 18 NOV 76

SEC CLASS: 05 MSN:

3P

ACCN: S078364

DAR ES SALAAM SA-3 SITE 3 IDENTIFICATION	TZ 064900S 0391200E
WAC NO : 1031	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 40C
DAR ES SALAAM SA-3 SITE 2 IDENTIFICATION	TZ 064900S 0391830E
WAC NO : 1031	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 40C
DAR ES SALAAM SA-3 SUPPORT FACILITY IDENT	TZ 065400S 0391700E
WAC NO : 1031	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 40C
DAR ES SALAAM SA-3 SUPPORT FACIL PROB IDENT	TZ 065500S 0391600E
WAC NO : 1031	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 40C
DAR ES SALAAM SA-3 SITE 1 IDENTIFICATION	TZ 064400S 0391630E
WAC NO : 1031	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 40C

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

THIS REPORT PROVIDES THE FIRST IDENTIFICATION OF THE SA-3 SAM SYSTEM IN SUB-SAHARAN AFRICA. FOUR SA-3 SAM SITES AND TWO SA-3 SAM SUPPORT FACILITIES WERE OBSERVED NEAR DAR ES SALAAM ON PHOTOGRAPHY []

NPIC BRAD [] 5 NOV 76 []

SEC CLASS: 13 MSN: []

2P

ACCN: S078365

1273
TOP SECRET CHESS RUFF

25X1
25X1
25X1

TOP SECRET CHESS RUFF

25X1

KHARKOV AVIATION INSTITUTE ICBM SILO POSS U/C UR 500251N 0361652E
 WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 15-61
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []
 KHARKOV AVIATION INSTITUTE ICBM SILO POSS U/C UR 500251N 0361652E
 WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 15-61
 IDHS CODE: [] EPF CAT : 40A COMIREX NO: []

25X1
25X1

25X1
25X1

A POSSIBLE ENGINEERING ICBM SILO WAS OBSERVED IN THE EARLY STAGE OF CONSTRUCTION ADJACENT TO THE SS-9 ICBM SILO IN THE NORTH END OF THE KHARKOV AVIATION INSTITUTE ON PHOTOGRAPHY []

25X1

NPIC BRAD [] 18 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07836[] 25X1

SEVASTOPOL SHIPYARD SEVMORZAVOD GRISHA 1 PCE UR 443646N 0333211E
 WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 62-C
 IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

A GRISHA 1 PATROL ESCORT WITH A NEW WEAPONS SYSTEM (POSSIBLY FOR USE IN AN ASW ROLE) WAS SEEN ON PHOTOGRAPHY [] AT SEVASTOPOL SHIPYARD SEVMORZAVOD 497.*

25X1

NPIC BRAD [] 17 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07836[] 25X1

TYUMEN SSM POSITION 3 DISMANTLED UR 565134N 0653344E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 28-C4
 IDHS CODE: [] EPF CAT : 40 COMIREX NO: []

25X1
25X1

[] PHOTOGRAPHY OF TYUMEN ICBM LAUNCH SITE 3 SHOWS THE FIRST COMPLETELY DISMANTLED SS-8 LAUNCH SITE.*

25X1

NPIC BRAD [] 16 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07836[] 25X1

SHANGHAI SHIPYARD KIANGNAN DOCK NAVAL AUX NEW CH 311205N 1212901E
 WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-R
 IDHS CODE: [] EPF CAT : 75E COMIREX NO: []
 SHIPS, NAVAL AUXILIARIES NEW FITTING OUT CH
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1
25X1

TWO LARGE SPECIAL-PURPOSE NAVAL AUXILIARIES WERE SEEN ON PHOTOGRAPHY [] FITTING-OUT AT SHANGHAI SHIPYARD KIANGNAN DOCK CO., WHERE THEY WERE PROBABLY CONSTRUCTED DURING 1975/76. THE MISSION OF THE VESSELS IS UNKNOWN, BUT THEIR SIZE AND CONFIGURATION SUGGESTS LONG-RANGE OR SUSTAINED OUT-OF-AREA OPERATIONS. MEASUREMENTS AND DESCRIPTIONS OF BOTH SHIPS ARE GIVEN.*

25X1

1274
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

NPIC BRAD [] 17 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078369

25X1
25X1

MOSKVA GUIDED MSL R+D/PROD NAVAL CR MSL CRT UR 554544N 0375211E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 58-N
 IDHS CODE: [] EPF CAT : 40G COMIREX NO: []
 ORENBURG GUIDED MISSILE PLANT NVL CR MSL CRT UR 514816N 0550737E
 WAC NO : 0236 BE/OBJ NO: [] NPIC NO : - 2-B
 IDHS CODE: [] EPF CAT : 40G COMIREX NO: []
 MISSILES, NAVAL CRUISE MISSILE CRATES NEW UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 40G COMIREX NO:

25X1

25X1

25X1

25X1

25X1

A NEW MISSILE CRATE, IDENTIFIED AT MOSKVA GUIDED MISSILE AND SPACE RESEARCH CENTER REUTOV ON PHOTOGRAPHY OF [] INDICATES A PROBABLE NEW NAVAL CRUISE MISSILE IS UNDER DEVELOPMENT. THREE OF THE NEW CRATES WERE FIRST SEEN ON PHOTOGRAPHY [] AT ORENBURG GUIDED MISSILE PLANT 47 AND REMAINED THERE []

25X1

25X1

25X1

NPIC BRAD [] 19 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078370

25X1

25X1

LENINGRAD SHIPYARD ADMIRALTY 194 SUB U/I UR 595502N 0301618E
 WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 36-T
 IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1

25X1

25X1

PHOTOGRAPHY [] REVEALED AN UNIDENTIFIED SUBMARINE BEING TRANSFERRED FROM A NEW ENVIRONMENTAL ENCLOSURE INTO A CANVAS-COVERED TRANSPORTER DOCK AT LENINGRAD SHIPYARD ADMIRALTY 1974.*

NPIC BRAD [] 18 NOV 76 [] SEC CLASS: 14A MSN: [] 4P ACCN: S078371

25X1

25X1

DAR ES SALAAM SA-3 SITE 3 IDENTIFICATION TZ 064900S 0391200E
 WAC NO : 1031 BE/OBJ NO: [] NPIC NO : - 3-12
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []
 DAR ES SALAAM SA-3 SITE 2 IDENTIFICATION TZ 064900S 0391830E
 WAC NO : 1031 BE/OBJ NO: [] NPIC NO : - 3-11
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []
 DAR ES SALAAM SA-3 SUPPORT FACILITY IDENT TZ 065400S 0391700E
 WAC NO : 1031 BE/OBJ NO: [] NPIC NO : - 3-65
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []
 DAR ES SALAAM SA-3 SUPPORT FACIL PROB IDENT TZ 065500S 0391600E
 WAC NO : 1031 BE/OBJ NO: [] NPIC NO : - 3-66
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []
 DAR ES SALAAM SA-3 SITE 1 IDENTIFICATION TZ 064400S 0391630E
 WAC NO : 1031 BE/OBJ NO: [] NPIC NO : - 3-1
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

1275
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

THIS REPORT PROVIDES THE FIRST IDENTIFICATION OF THE SA-3 SAM SYSTEM IN SUB-SAHARAN AFRICA. FOUR SA-3 SAM SITES AND TWO SA-3 SAM SUPPORT FACILITIES WERE OBSERVED NEAR DAR ES SALAAM ON PHOTOGRAPHY

25X1

25X1

25X1

NPIC BRAD [redacted] 23 NOV 76 [redacted] SEC CLASS: 14A MSN: [redacted] 3P

ACCN: S07837225X1

SRI HARIKOTA ISLAND ROCKET LAUNCH STA CONST IN 134150N 0801425E
WAC NO : 0681 BE/OBJ NO: [redacted] NPIC NO : - 9
IDHS CODE: [redacted] EPF CAT : 40 COMIREX NO: [redacted]

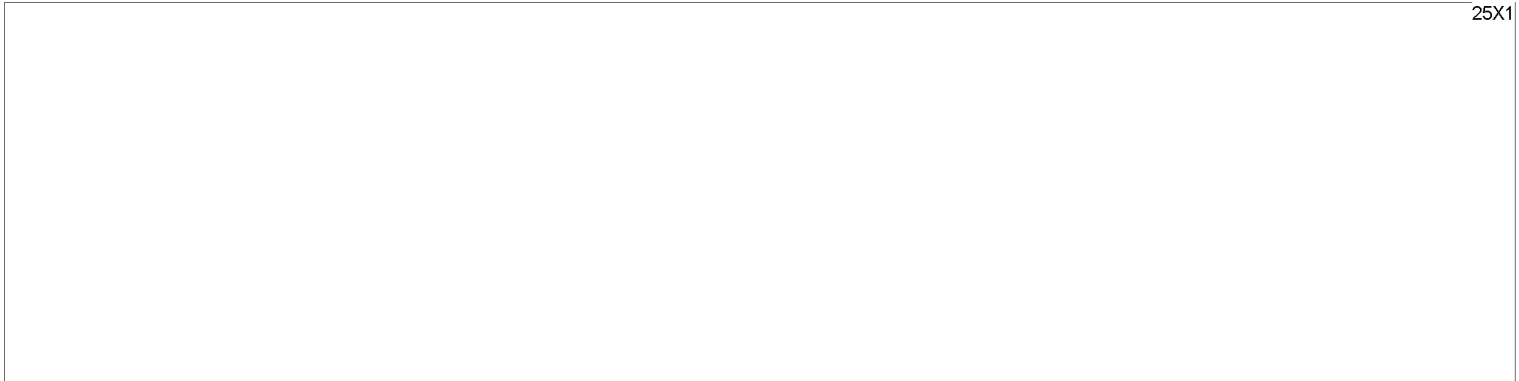
25X1

25X1

ON PHOTOGRAPHY [redacted] A NEW LAUNCH AREA WAS OBSERVED UNDER CONSTRUCTION AT SRI HARIKOTA ISLAND ROCKET LAUNCH STATION. CONSTRUCTION IN THIS AREA WAS FIRST OBSERVED ON PHOTOGRAPHY [redacted]

25X1

25X1



NPIC BRAD [redacted] 19 NOV 76 [redacted] SEC CLASS: 13 MSN: [redacted] 4P

ACCN: S07837225X1

TRANSPORTATION, RAILROAD BAYKAL-AMUR MAIN U/C UR
WAC NO : [redacted] BE/OBJ NO: [redacted] NPIC NO : [redacted]
IDHS CODE: [redacted] EPF CAT : 85B COMIREX NO: [redacted]

25X1

THIS REPORT UPDATES CONSTRUCTION ACTIVITY ON THE BAYKUL-AMUR MAINLINE RAIL ROAD (BAM). THE 1100 NAUTICAL MILE BAM FROM UST-KUT TO DUKI AND A 200 NAUTICAL MILE NORTH-SOUTH SPUR LINE FROM SKOVORODINO ON THE TRANS-SIBERIAN RAILROAD NORTH TO NERYUGRI HAS BEEN UNDER CONSTRUCTION SINCE NOVEMBER 1974 AND IS PROJECTED FOR COMPLETION BY THE SOVIETS IN THE 1982-1983 TIME FRAME.*

25X1

1276
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

25X1
25X1

NPIC BRAD [] 19 NOV 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078376^{25X1}

TRANSPORTATION, RAILROAD BAYKAL-AMUR MAIN U/C UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE [] EPF CAT : 85B COMIREX NO:

25X1

THIS REPORT UPDATES CONSTRUCTION ACTIVITY ON THE BAYKUL-AMUR MAINLINE RAILROAD (BAM), THE 1100 NAUTICAL MILE BAM FROM UST-KUT TO DUKI AND A 200 NAUTICAL MILE NORTH-SOUTH SPUR LINE FROM SKOVORODINO ON THE TRANS-SIBERIAN RAILROAD NORTH TO NERYUGRI HAS BEEN UNDER CONSTRUCTION SINCE NOVEMBER 1974 AND IS PROJECTED FOR COMPLETION BY THE SOVIETS IN THE 1982-1983 TIME FRAME.*

NPIC BRAD [] 24 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078377^{25X1}

NIZHNIY TAGIL RAILROAD CAR PLT ENVRNMTL SHLTR UR 575540N 0600540E
WAC NO : 0156 BE/OBJ NO: NPIC NO : - 17-A
IDHS CODE: [] EPF CAT : 85B COMIREX NO: []
SVERDLOVSK GUIDED MSL PLANT 8 ENVRNMTL SHLTR UR 565213N 0603707E
WAC NO : 0156 BE/OBJ NO: NPIC NO : - 26-C
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1

25X1

25X1

25X1

PHOTOGRAPHY [] REVEALED THAT ENVIRONMENTAL SHELTERS CONSTRUCTED AT NIZHNIY TAGIL RAILROAD CAR MANUFACTURING PLANT KAGANOVICH 183 AND SVERDLOVSK GUIDED MISSILE PRODUCTION PLANT 8 WOULD DIMINISH THE CAPABILITY TO MONITOR MODIFICATIONS MADE TO THE T-72 TANK AT NIZHNIY TAGIL AND OBSERVATION OF THE NUMBER AND TYPES OF TACTICAL SAM VEHICLES NORMALLY SHIPPED FROM THE TRANSSHIPMENT YARD AT SVERDLOVSK.*

25X1

DIA IIM 5B3-1533-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078378^{25X1}

SEEGER AIRFIELD AAM STORAGE POTENTIAL PL 540234N 0161552E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 135
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1

25X1

DIA IIM 5B3-1532-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078379^{25X1}

WROCLAW/STRACHOWICE AIRFIELD AAM STGE PINTL PL 510616N 0165257E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 14-A
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1

25X1

DIA IIM 5B3-1528-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078380^{25X1}

SLUPSK AIRFIELD AAM STORAGE POTENTIAL PL 542844N 0170613E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 144

25X1

1277
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1
DIA IIM	5B3-1519-76	01 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S07838	25X1
	MODLIN AIRFIELD AAM STORAGE POTENTIAL			PL	522706N 0203908E				25X1
	WAC NO : 0169		BE/OBJ NO:	NPIC NO :	- 88				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1
DIA IIM	5B3-1502-76	01 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S07838	25X1
	DEBRZNO AIRFIELD AAM STORAGE POTENTIAL			PL	533132N 0171532E				25X1
	WAC NO : 0169		BE/OBJ NO:	NPIC NO :	- 111				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1
DIA IIM	5B3-1527-76	02 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S07838	25X1
	POZNAN/KRZESINY AIRFIELD AAM STORAGE PTNTL			PL	521957N 0165812E				25X1
	WAC NO : 0169		BE/OBJ NO:	NPIC NO :	- 109-A				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1
DIA IIM	5B3-1518-76	02 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S07838	25X1
	MINSK MAZOWIECKI AIRFIELD AAM STORAGE PTNTL			PL	521146N 0213922E				25X1
	WAC NO : 0168		BE/OBJ NO:	NPIC NO :	- 107				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1
DIA IIM	5B3-1504-76	02 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S07838	25X1
	GOLENIOW AIRFIELD AAM STORAGE POTENTIAL			PL	533507N 0145411E				25X1
	WAC NO : 0169		BE/OBJ NO:	NPIC NO :	- 85				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1
DIA IIM	5B3-1496-76	02 DEC 76		SEC CLASS: 13	MSN:		3P	ACCN: S07838	25X1
	PODOLSK/DUBROVITSY AIRFIELD			UR	552515N 0372900E				25X1
	WAC NO : 0167		BE/OBJ NO:	NPIC NO :	- 70-6				25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:					25X1
DIA IIM	5B3-1489-76	02 DEC 76		SEC CLASS: 13	MSN:		3P	ACCN: S07838	25X1
	BELUSHYA GUBA AAM SUPPORT FACILITY			UR	713651N 0522816E				25X1
	WAC NO : 0050		BE/OBJ NO:	NPIC NO :					25X1
	IDHS CODE:		EPF CAT : 40J	COMIREX NO:					25X1

1278

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA IIM 5B3-1501-76 02 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078388 25X1
 STUPINO AIRFIELD SE
 WAC NO : 0167 BE/OBJ NO: [] UR 545325N 0380840E 25X1
 IDHS CODE: [] EPF CAT : 05A NPIC NO : - 80 25X1
 COMIREX NO: []

DIA IIM 5B3-1514-76 30 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078389 25X1
 SANGAR AIRFIELD
 WAC NO : 0125 BE/OBJ NO: [] UR 635720N 1272530E 25X1
 IDHS CODE: [] EPF CAT : 05A NPIC NO : - 5 25X1
 COMIREX NO: []

DIA IIM 5B3-1500-76 30 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078390 25X1
 KHATANGA AIRFIELD
 WAC NO : 0047 BE/OBJ NO: [] UR 715822N 1022912E 25X1
 IDHS CODE: [] EPF CAT : 05A NPIC NO : - 1 25X1
 COMIREX NO: []

DIA IIM 5B3-1503-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078391 25X1
 LOZOVATKA AIRFIELD RUNWAY CONSTRUCTION
 WAC NO : 0233 BE/OBJ NO: [] UR 480233N 0331240E 25X1
 IDHS CODE: [] EPF CAT : 05A NPIC NO : []
 COMIREX NO: []

DIA IIM 5B3-1516-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078392 25X1
 MALBORK AIRFIELD AAM STORAGE POTENTIAL
 WAC NO : 0169 BE/OBJ NO: [] PL 540140N 0190813E 25X1
 IDHS CODE: [] EPF CAT : 05I NPIC NO : - 80 25X1
 COMIREX NO: []

DIA IIM 5B3-1517-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078393 25X1
 LEZNICA WIELKA AIRFIELD AAM STORAGE POTENTIAL
 WAC NO : 0169 BE/OBJ NO: [] PL 520020N 0190844E 25X1
 IDHS CODE: [] EPF CAT : 05I NPIC NO : - 78 25X1
 COMIREX NO: []

DIA IIM 5B3-1538-76 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078394 25X1
 COCARGEAU AIRFIELD AAM STORAGE POTENTIAL
 WAC NO : 0250 BE/OBJ NO: [] RO 442333N 0274333E 25X1
 IDHS CODE: [] EPF CAT : 05I NPIC NO : - 15-A 25X1
 COMIREX NO: []

1279
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA IIM 5B3-1512-76 02 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07839525X1
 CHEBOKSARY AIRFIELD UR 560522N 0472016E
 WAC NO : 0155 BE/OBJ NO: [] NPIC NO : - 1-C
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1

DIA IIM 5B3-1537-76 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07839625X1
 CARACAL AIRFIELD AAM STORAGE POTENTIAL RO 440444N 0242500E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 22
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: [] 25X1

25X1

25X1

25X1

NPIC PIR PIR018-76 DEC 76 [] SEC CLASS: 14B MSN: [] 4P ACCN: S0784025X1
 KAZAN MISSILE PRPLN R+D ALTITUDE TEST PSTN UR 555345N 0485007E
 WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 14-X
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

A PROBABLE ALTITUDE TEST POSITION WAS NEARLY COMPLETE AT KAZAN MISSILE PROPULSION RESEARCH AND
 DEVELOPMENT (R+D) FACILITY [] WHEN SEEN ON PHOTOGRAPHY OF SEPTEMBER 1976. IT IS THE LARGER OF
 TWO VERTICAL TEST POSITIONS AT THE FACILITY. 25X1

25X1

1280
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 119
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1
25X1

PHOTOGRAPHY [] OF MIROW AIRFIELD WAS SCANNED FOR INDICATORS THAT
THIRD-GENERATION AIRCRAFT MAY SOON ARRIVE. APPROXIMATELY 57 ARCH-ROOF SECTIONS WERE SEEN IN THE
TRANSSHIPMENT AREA AND A NEW ELECTRONICS SITE CONTAINING R5BN-4N EQUIPMENT WAS LOCATED APPROXIMATELY 300
METERS NNW OF THE CENTER OF THE RUNWAY. IT CANNOT BE DETERMINED AT THIS TIME IF THIS ACTIVITY INDICATES
FUTURE DEPLOYMENT OF THIRD-GENERATION AIRCRAFT.*

DIA	NBRG	NDA07-5091-77	30 NOV 76	SEC CLASS: 05B MSN:	1P	ACCN: S078402
		SUWALKI ARMY BARRACKS NORTH 2		PL 540650N 0225609E		
		WAC NO : 0168	BE/OBJ NO: []	NPIC NO : - 145		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5092-77	30 NOV 76	SEC CLASS: 05B MSN:	1P	ACCN: S078403
		GOLDAP ARMY BARRACKS 1/2		PL 541826N 0221731E		
		WAC NO : 0168	BE/OBJ NO: []	NPIC NO : - 108		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5093-77	30 NOV 76	SEC CLASS: 05B MSN:	1P	ACCN: S078404
		WALCZ ARMY BARRACKS 2		PL 531655N 0162933E		
		WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 260		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5094-77	30 NOV 76	SEC CLASS: 05B MSN:	1P	ACCN: S078405
		OSTRODA ARMY BARRACKS 2		PL 534141N 0195740E		
		WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 223-A		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5095-77	30 NOV 76	SEC CLASS: 05B MSN:	1P	ACCN: S078406
		GDANSK ARMY BARRACKS HUSAREN 1		PL 542301N 0183539E		
		WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 24-A		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5096-77	30 NOV 76	SEC CLASS: 05B MSN:	1P	ACCN: S078407
		TORUN ARMY BARRACKS 11		PL 530000N 0183758E		
		WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 154-F		25X1

1281

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5097-77	30 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078408
	SANOK ARMY BARRACKS PANZER 2			PL 493328N 0221321E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 163-B		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5098-77	30 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078409
	SKIERNIEWICE ARMY BARRACKS 1/2			PL 515705N 0200830E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 302-A1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5099-77	30 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078410
	PLESZEW ARMY BARRACKS SSE 1			PL 515308N 0174735E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 320		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5100-77	30 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078411
	CHELM ARMY BARRACKS 1/2			PL 510819N 0232710E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 26-E		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5101-77	30 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078412
	MILOVICE/JIRICE ARMY BARRACKS			CZ 501430N 0144800E	
	WAC NO : 0231	BE/OBJ NO: []	NPIC NO : - 294-A2		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5102-77	30 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078413
	STARY HROZENKOV MILITARY BARRACKS 1			CZ 485730N 0175250E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO :		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
CIA	BIIR	RCS13-0044-76	SEP 76	SEC CLASS: 05 MSN:	10P ACCN: S078414
	TOLYATTI PHOSPHATE FERTILIZER PLANT			UR 533308N 0492749E	
	WAC NO : 0165	BE/OBJ NO: []	NPIC NO :		25X1
	IDHS CODE: []	EPF CAT : 30F	COMIREX NO:		25X1

1282
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

TOLYATTI NITROGEN FERTILIZER PLANT			UR	533311N	0492755E
WAC NO :	0165	BE/OBJ NO:	NPIC NO :	-	59-B
IDHS CODE:		EPF CAT :	COMIREX NO:		
TOLYATTI SYNTHETIC RUBBER PLANT			UR	533216N	0492705E
WAC NO :	0165	BE/OBJ NO:	NPIC NO :		
IDHS CODE:		EPF CAT :	COMIREX NO:		

25X1
25X1

25X1
25X1

EACH OF THE THREE CHEMICAL PLANTS AT TOLYATTI SPECIFICALLY PRODUCES ONE OF THE FOLLOWING MAIN PRODUCTS -- PHOSPHATE FERTILIZERS, NITROGEN FERTILIZERS, AND SYNTHETIC RUBBER. OTHER MAIN PRODUCTS WHICH ARE JOINTLY PRODUCED REPORTEDLY INCLUDE PHOSPHORIC ACID, ELEMENTAL PHOSPHORUS, INSECTICIDES, SODIUM PENSULFATE, AMMONIA, AROMATICS, NITRIC ACID, CAPROLACTAM (A FEEDSTOCK FOR THE PRODUCTION OF SYNTHETIC FIBERS), AND POSSIBLY METHANOL. THE PLANTS USE SOVIET, US, WEST GERMAN, DUTCH, BRITISH, ITALIAN, AND BELGIAN TECHNOLOGY.

CONSTRUCTION OF THE CHEMICAL PLANTS BEGAN IN THE LATE 1950S AND THE FIRST UNITS BECAME OPERATIONAL BY 1961. DURING THE 1971-75 FIVE YEAR PLAN, CONSTRUCTION WAS COMPLETED ON SEVERAL ADDITIONAL PRODUCTION PLANTS AND MAY HAVE BEEN STARTED ON FOUR LARGE IMPORTED AMMONIA PLANTS.

THIS REPORT INCLUDES A BRIEF DESCRIPTION OF THE THREE MAJOR CHEMICAL PLANTS AT TOLYATTI. TABLES SUMMARIZING THEIR PRODUCTION AREAS AND THE VOLUMES OF MAJOR PRODUCTION BUILDINGS ARE KEYED TO PHOTOGRAPHS OF THE PLANTS.

25X1

NAVY BIIR RRG23-0020-76

SEP 76

SEC CLASS: 14B MSN:

25P

ACCN: S078416

25X1

SHIPS, P CLASS SSGN

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 75D

UR
NPIC NO :
COMIREX NO:

25X1

THE PAPA-TYPE SSGN IS ESTIMATED TO BE THE WORLD'S FASTEST NUCLEAR-POWERED SUBMARINE. IT IS CAPABLE OF LAUNCHING 10 CRUISE MISSILES FROM TUBES LOCATED IN THE BOW, FORWARD OF THE SAIL. THESE TUBES ARE MOUNTED IN TWO PARALLEL BANKS OF FIVE EACH, LOCATED BETWEEN THE PRESSURE HULL AND THE OUTER HULL, AT AN ANGLE NO LESS THAN 45 DEGREES FROM THE HORIZONTAL.

THIS UNIT, OF PROBABLE DOUBLE-HULL CONSTRUCTION THROUGHOUT, PROMINENT RECOGNITION FEATURES INCLUDE A LARGE BLUNT BOW, A 11-METER LONG NEAR-RECTANGULAR SAIL, AND A PROMINENT VERTICAL STABILIZER/RUDDER COMBINATION WHICH IS APPROXIMATELY EQUAL IN HEIGHT TO THE SAIL.

25X1
25X1

THIS REPORT SUPERSEDES BASIC IMAGERY INTERPRETATION REPORT (BIIR) RRG-23/0005/72 OF FEBRUARY 1972 AND PROVIDES AN UPDATED, ALL-SOURCE, DETAILED IMAGERY ANALYSIS OF THE PAPA-TYPE SSGN. THE REPORT CONTAINS A BASIC DESCRIPTION, PROVISIONAL SCALE DRAWINGS, AND PHOTOGRAPHS OF THE UNIT.

1283
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

NAVY BIIR RRG23-0017-76 SEP 76 [] SEC CLASS: 14B MSN: 42P ACCN: S078417 25X1

SHIPS, A CLASS SSN UR
WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
IDHS CODE: EPF CAT : 75D COMIREX NO: 25X1

THE ALFA IS A COMPARATIVELY SMALL SSN DESIGN THAT PRESENTS A COMPLETELY STREAMLINED, FAIRED-IN OVERALL APPEARANCE SOMEWHAT LIKE THAT OF VICTOR-I AND VICTOR-II CLASS SSNS. THE MAJOR RECOGNITION FEATURE IS ITS LONG, LOW-PROFILE SAIL, []

25X1
25X1

THIS REPORT CONTAINS AN IMAGERY-DERIVED ANALYSIS AND CHRONOLOGICAL HISTORY OF THE ONLY TWO ALFA CLASS NUCLEAR ATTACK SUBMARINES LAUNCHED BY THE LENINGRAD SHIPYARD SUDOMEKH 196 SINCE APRIL 1969. IT CONTAINS A BASIC DESCRIPTION, DETAILED SCALE DRAWINGS SHOWING HOW THE FIRST UNIT WAS CUT APART IN OCTOBER 1973, PLAN/PROFILE/CROSS-SECTIONAL SCALE DRAWINGS OF THE ALFA CLASS, SELECTED PHOTOGRAPHS, SIGNIFICANT DIMENSIONS, AND A CHRONOLOGICAL HISTORY OF BOTH UNITS. THIS REPORT SUPERSEDES NAVAL INTELLIGENCE SUPPORT CENTER BASIC IMAGERY INTERPRETATION REPORT RRG-23/0014/73 OF AUGUST 1973.

DIA NBRG NDA06-5007-77 15 NOV 76 SEC CLASS: 05A MSN: 1P ACCN: S078418

TARTUS PORT FACILITIES SY 345450N 0355220E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : - 46 25X1
IDHS CODE: [] EPF CAT : 75I COMIREX NO: [] 25X1

DIA NBRG NDA06-5008-77 15 NOV 76 SEC CLASS: 05A MSN: 1P ACCN: S078419

BUR SAID NAVAL BASE EG 311528N 0321818E
WAC NO : 0447 BE/OBJ NO: [] NPIC NO : - 1-I 25X1
IDHS CODE: [] EPF CAT : 75B COMIREX NO: [] 25X1

DIA BIIR RDA05-0030-76 NOV 76 [] SEC CLASS: 14B MSN: [] 10P ACCN: S07842 25X1

BERDYANSK AIRFIELD + RELATED FACILITIES UR 464903N 0364532E
WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 29-A 25X1
IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
BERDYANSK AIRFIELD TALL KING AW RADAR FACIL UR 464730N 0364610E
WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 131 25X1
IDHS CODE: [] EPF CAT : 25H COMIREX NO: [] 25X1
BERDYANSK AIRFIELD GCA SITE UR 464854N 0364539E
WAC NO : 0249 BE/OBJ NO: [] NPIC NO : 25X1
IDHS CODE: [] EPF CAT : 25H COMIREX NO: 25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF BERDYANSK AIRFIELD AND ASSOCIATED FACILITIES

1284
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DURING THE PERIOD APRIL 1968 THROUGH AUGUST 1975. THE AIRFIELD, IN THE BLACK SEA AREA OF THE U.S.S.R., SUPPORTS BOTH CIVIL AVIATION AND SOVIET NAVAL AVIATION. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED THE CONSTRUCTION OF A CONCRETE MAIN RUNWAY AND THE CONCRETE TAXIWAY SYSTEM. FEATURES DESCRIBED IN THIS REPORT INCLUDE THE 6,750 FT X 160 FT MAIN RUNWAY, FOUR SOD RUNWAYS, TAXIWAYS, PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED CAPACITY OF 2,933,890 U.S. GALLONS, AIRCRAFT MAINTENANCE, ACCOMMODATIONS, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY. AOB [REDACTED] CONSISTED OF 19 MAIL, 10 MASCOT, 2 COLT (ONE LANDING), AND 1 HOODLUM.

25X1

25X1

CIA BIIR RCS13-0037-76 SEP 76 [REDACTED] SEC CLASS: 14 MSN: 31P ACCN: S078422 25X1

CHILINHSIANG PETROCHEMICAL PLANT	WAC NO : 0494	BE/OBJ NO: [REDACTED]	CH 292830N 1131650E	NPIC NO : - 4	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO: [REDACTED]	25X1
CHINSHANWEI PETROCHEMICAL COMPLEX	WAC NO : 0492	BE/OBJ NO: [REDACTED]	CH 304220N 1211900E	NPIC NO : - 25-B	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO: [REDACTED]	25X1
FANGSHAN PETROLEUM REFINERY/CHEMICAL INDUSTRY	WAC NO : 0382	BE/OBJ NO: [REDACTED]	CH 394447N 1155547E	NPIC NO : - 51-A1	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO: [REDACTED]	25X1
FANGSHAN PETROLEUM REFINERY/CHEMICAL INDUSTRY	WAC NO : 0382	BE/OBJ NO: [REDACTED]	CH 394447N 1155547E	NPIC NO : - 51-A1	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30B		COMIREX NO: [REDACTED]	25X1
LANCHOU PETROCHEMICAL PLANT	WAC NO : 0383	BE/OBJ NO: [REDACTED]	CH 360745N 1033627E	NPIC NO : - 3-72	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO: [REDACTED]	25X1
LIAOYANG PETROCHEMICAL PLANT	WAC NO : 0290	BE/OBJ NO: [REDACTED]	CH 411138N 1231308E	NPIC NO : - 142-C5	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO: [REDACTED]	25X1
INDUSTRY, PETROCHEMICAL PLANTS	WAC NO :	BE/OBJ NO: [REDACTED]	CH :	NPIC NO :	
	IDHS CODE:	EPF CAT : 30F		COMIREX NO:	
YANGLIUCHING PETROCHEMICAL PLANT	WAC NO : 0381	BE/OBJ NO: [REDACTED]	CH 390530N 1170200E	NPIC NO :	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO:	25X1
NANCHING PETROCHEMICAL PLANT	WAC NO : 0386	BE/OBJ NO: [REDACTED]	CH 320840N 1185010E	NPIC NO :	25X1
	IDHS CODE: [REDACTED]	EPF CAT : 30F		COMIREX NO:	25X1

25X1

1285
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

SAERHTU PETROLEUM RFY/STGE/ACRYLIC FIBERS PLT	CH 463127N 1250520E
WAC NO : 0283	BE/OBJ NO: [] NPIC NO : - 118
IDHS CODE: []	EPF CAT : 30B COMIREX NO: []
SAERHTU PETROLEUM RFY/STGE/ACRYLIC FIBERS PLT	CH 463127N 1250520E
WAC NO : 0283	BE/OBJ NO: [] NPIC NO : - 118
IDHS CODE: []	EPF CAT : 30F COMIREX NO: []
SAERHTU PETROLEUM RFY/STGE/ACRYLIC FIBERS PLT	CH 463127N 1250520E
WAC NO : 0283	BE/OBJ NO: [] NPIC NO : - 118
IDHS CODE: []	EPF CAT : 80A COMIREX NO: []
SHANGHAI PETROCHEMICAL PLANT KAOCHIAO	CH 311851N 1213347E
WAC NO : 0492	BE/OBJ NO: [] NPIC NO : - 28-B5
IDHS CODE: []	EPF CAT : 30F COMIREX NO: []
WANGCHUCHUANG PETROCHEMICAL PLANT	CH 364425N 1181450E
WAC NO : 0381	BE/OBJ NO: [] NPIC NO :
IDHS CODE: []	EPF CAT : 30F COMIREX NO:

25X1
25X1

25X1
25X1

25X1
25X1

25X1
25X1

25X1
25X1

A TOTAL OF TEN PETROCHEMICAL COMPLEXES OR PLANTS HAVE BEEN IDENTIFIED TO DATE ON PHOTOGRAPHY OF CHINA. THEY RANGE FROM SMALL CHINESE-DESIGNED PLANTS PRODUCING ONLY A SINGLE PRODUCT TO LARGE INTEGRATED COMPLEXES EMPLOYING THE LATEST WESTERN TECHNOLOGY. THREE OF THESE, LARGE PETROCHEMICAL COMPLEXES CONTAINING PLANTS IMPORTED FROM JAPAN AND WESTERN EUROPEAN COUNTRIES, ARE SCHEDULED TO COME ON-STREAM IN 1976 AND 1977. THESE THREE COMPLEXES WILL ENABLE THE CHINESE TO PRODUCE GREATLY INCREASED QUANTITIES OF PLASTICS, SYNTHETIC FIBERS, AND PROBABLY SYNTHETIC RUBBER DURING THE LATTER HALF OF THE 1970S.

WE ESTIMATE THAT THE TOTAL ANNUAL ETHYLENE PRODUCTION CAPACITY, THE BEST INDICATOR OF A COUNTRY'S PETROCHEMICAL CAPACITY, WILL INCREASE FROM UNDER 50,000 METRIC TONS IN 1970 TO ABOUT 585,000 METRIC TONS IN 1977. WE ESTIMATE THAT OVER THE SAME PERIOD PLASTICS PRODUCTION FROM PETROLEUM FEEDSTOCKS WILL INCREASE FROM 32,000 METRIC TONS ANNUALLY TO ABOUT 390,000 METRIC TONS, AND SYNTHETIC FIBERS PRODUCTION FROM PETROLEUM WILL INCREASE FROM ONLY MINIMAL PRODUCTION TO ABOUT 300,000 METRIC TONS.

THIS REPORT SUMMARIZES THE DEVELOPMENT OF THE CHINESE PETROCHEMICAL INDUSTRY AND DISCUSSES THE PRODUCTION CAPACITIES FOR THE MAJOR CATEGORIES OF PETROCHEMICAL PRODUCTS. IT ALSO INCLUDES A BRIEF DESCRIPTION AND A PHOTOGRAPH OF EACH OF TEN PETROCHEMICAL COMPLEXES OR PLANTS.

NPIC PIN PIN012-76 DEC 76 [] SEC CLASS: 14B MSN: [] 2P

ACCN: S078423 25X1

MOSKVA GUIDED MSL R+D/PROD SS-N-9 MODIF POSS	UR 554544N 0375211E
WAC NO : 0167	BE/OBJ NO: [] NPIC NO : - 58-N
IDHS CODE: []	EPF CAT : 40G COMIREX NO: []
KRASNOARMEYSK SOLID MTR DEV SS-N-9 MODIF POSS	UR 560750N 0380954E
WAC NO : 0154	BE/OBJ NO: [] NPIC NO : - 55-A
IDHS CODE: []	EPF CAT : 40G COMIREX NO: []
FEODOSIYA NAVAL MISSILE SUPPORT SS-N-9 MODIF	UR 450808N 0353337E
WAC NO : 0249	BE/OBJ NO: [] NPIC NO : - 7-6
IDHS CODE: []	EPF CAT : 40G COMIREX NO: []
MISSILES, SS-N-9 MODIFICATION POSS	UR

25X1
25X1

25X1
25X1

25X1
25X1

1286
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO :
IDHS CODE: BE/OBJ NO: [] NPIC NO :
EPF CAT : 40G COMIREX NO:

25X1

KEYHOLE PHOTOGRAPHY OF THE MOSKVA GUIDED MISSILE AND SPACE RESEARCH CENTER REUTOV [] THE KRASNOARMEYSK SOLID MOTOR DEVELOPMENT FACILITY [] AND THE FEODOSIYA NAVAL MISSILE SUPPORT FACILITY [] INDICATES THAT THESE INSTALLATIONS MAY BE INVOLVED IN THE MODIFICATION OF THE SS-N-9 MISSILE SYSTEM. THIS ANALYSIS IS BASED ON THE OBSERVATION OF AN SS-N-9 MISSILE CRATE AT EACH OF THESE INSTALLATIONS APPROXIMATELY FOUR YEARS AFTER THE INITIAL SS-N-9 DEPLOYMENT.

25X1
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NPIC PIR PIR017-76 DEC 76 [] SEC CLASS: 14B MSN: [] 4P

ACCN: 5078424 25X1

SEVERODVINSK SHIPYARD 402 D/D-2/D-3 SSBN PROD UR 643438N 0394832E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 7-A
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []
SHIPS, D-1/D-2/D-3 CLASS SSBN UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1
25X1
25X1

THREE SIGNIFICANT FACTS ABOUT THE DELTA- (D-) SERIES NUCLEAR-POWERED BALLISTIC MISSILE SUBMARINE (SSBN) PRODUCTION WERE DERIVED FROM AN ANALYSIS OF PHOTOGRAPHY OF THE SEVERODVINSK SHIPYARD COMPLEX, USSR. FIRST, THE CONFIGURATION OF THE OUTER HULL KEEL AREA IS PROBABLY DEEPER THAN THAT OF THE YANKEE- (Y-) CLASS SSBN, SUGGESTING A CAPABILITY TO CARRY A LARGER MISSILE. SECOND, WITH THE CONSTRUCTION OF THE FIFTH UNIT AND THE FOLLOW-ON UNITS, THE MISSILE BAY [] HIGHER THAN THOSE OF THE PREVIOUS D-CLASS SSBN HULLS. FINALLY, THE OBSERVATION OF LARGE, [] LONG, BALLAST CANS WITH THE MODIFIED D-II SSBNS (UNITS 5-8) AND THEIR MOVEMENT FROM THE STORAGE AREA INDICATE THAT THE SS-NX-18 MISSILE WILL BE CARRIED ON THESE SUBMARINES.

25X1
25X1

DIA BIIR RDA05-0029-76 NOV 76 [] SEC CLASS: 14B MSN: [] 14P

ACCN: 5078425 25X1

LENINGRAD/GORELOVO AIRFIELD UR 594556N 0300432E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 36-X
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
LENINGRAD/GORELOVO AIRFIELD GCA SITE UR 594555N 0300443E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 25H COMIREX NO:

25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF LENINGRAD/GORELOVO AIRFIELD AND RELATED FACILITIES DURING THE PERIOD MAY 1966 TO JANUARY 1976. THIS INSTALLATION, IN EUROPEAN U.S.S.R., SUPPORTS FARMER AIRCRAFT. SIGNIFICANT CHANGES DURING THE PERIOD INCLUDED THE CONSTRUCTION OF TWO HANGARS AND THE ADDITIONS OF A STORAGE AREA AND A PROBABLE SCHOOL AREA. FEATURES DESCRIBED IN THIS REPORT INCLUDE A CONCRETE 8,200' X 200' MAIN RUNWAY, A SOD 2,100' X 150' RUNWAY, TAXIWAYS AND PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED CAPACITY OF 261,290 U.S. GALLONS, AIRCRAFT MAINTENANCE, HOUSING/SUPPORT, TRANSSHIPMENT/STORAGE, STORAGE, AND TRANSPORTATION. AOB ON KH

25X1

1287
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF



25X1

[REDACTED] CONSISTED OF 51 FARMER, 1 CUB, 1 COKE, 3 CRATE, 2 CAB, 12 CLOD, 1 COLT, 1 HIP, AND 1 HOUND.

25X1

DIA	NBRG	NDA07-5078-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078426
		PLZEN ARMY BARRACKS BORECH 1/2			CZ 494335N 0132145E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 136-B1		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5079-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078427
		ROKYCANY ARMY BARRACKS SOUTH 2			CZ 494355N 0133531E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 148-A2		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5080-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078428
		STRIBRO ARMY BARRACKS WEST 1			CZ 494512N 0125912E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 167-A		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5081-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078429
		KASPERSE HORY MILITARY BARRACKS 3			CZ 490832N 0133327E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 283-C		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5082-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078430
		NEPOMUK MILITARY BARRACKS 1			CZ 492946N 0133449E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 136-C		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5083-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078431
		JAROMER ARMY BARRACKS 2			CZ 502014N 0155604E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 245-A3		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5084-77	26 NOV 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078432
		STRUZNA ARMY BARRACKS 1			CZ 501105N 0130020E		
		WAC NO : 0231	BE/OBJ NO: [REDACTED]		NPIC NO : - 234-A3		25X1

TOP SECRET CHESS RUFF



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TOP SECRET CHESS RUFF

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	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5085-77	26 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078433
	NITRA ARMY BARRACKS PODZOBOROM 1			CZ 481924N 0180612E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 111-A		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5086-77	26 NOV 76	SEC CLASS: 05B MSN:	1P ACCN: S078434
	ZNOJMO ARMY BARRACKS STEFANIKOVE 1			CZ 485139N 0160320E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 318-A		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5070-77	03 DEC 76	SEC CLASS: 05B MSN:	1P ACCN: S078435
	BORNE ARMY BARRACKS SULINOWO 201			PL 533455N 0163233E	
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 237		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5071-77	03 DEC 76	SEC CLASS: 05B MSN:	1P ACCN: S078436
	JICIN ARMY BARRACKS NE 1			CZ 502635N 0152153E	
	WAC NO : 0231	BE/OBJ NO: []	NPIC NO : - 78-A		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5072-77	03 DEC 76	SEC CLASS: 05B MSN:	1P ACCN: S078437
	SOKOLOV ARMY BARRACKS VITKOV 1			CZ 501035N 0123900E	
	WAC NO : 0231	BE/OBJ NO: []	NPIC NO : - 281-B		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5073-77	03 DEC 76	SEC CLASS: 05B MSN:	1P ACCN: S078438
	PLZEN ARMY BARRACKS DOBRANY			CZ 493900N 0131800E	
	WAC NO : 0231	BE/OBJ NO: []	NPIC NO : - 45-A1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5074-77	03 DEC 76	SEC CLASS: 05B MSN:	1P ACCN: S078439
	PROSTEJOV ARMY BARRACKS 2			CZ 492739N 0170756E	
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 140-B		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1

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TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



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25X1

DIA	NBRG	NDA07-5075-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078440
		MICHALOVCE ARMY BARRACKS 1			CZ 484600N 0215428E		
		WAC NO : 0232	BE/OBJ NO: [REDACTED]		NPIC NO : - 227-C		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5076-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078441
		RETSAG ARMY BARRACKS + TRAINING CTR H JANOS 1			HU 475544N 0190747E		
		WAC NO : 0251	BE/OBJ NO: [REDACTED]		NPIC NO : - 95-C		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
		RETSAG ARMY BARRACKS + TRAINING CTR H JANOS 1			HU 475544N 0190747E		
		WAC NO : 0251	BE/OBJ NO: [REDACTED]		NPIC NO : - 95-C		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35B		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5077-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078442
		PECS ARMY BARRACKS 4			HU 460257N 0181344E		
		WAC NO : 0252	BE/OBJ NO: [REDACTED]		NPIC NO : - 44-D		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5087-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078443
		IVANOVSKIY ARMY BARRACKS AL1			UR 512155N 0453730E		
		WAC NO : 0235	BE/OBJ NO: [REDACTED]		NPIC NO : - 13		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5088-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078444
		STRY SAM SUPPORT FACILITY 2			UR 491451N 0234939E		
		WAC NO : 0232	BE/OBJ NO: [REDACTED]		NPIC NO : - 186-G		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 40C		COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5089-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078445
		ALAPAYEVSK ARMY BARRACKS			UR 575032N 0613939E		
		WAC NO : 0156	BE/OBJ NO: [REDACTED]		NPIC NO : - 1-B1		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A		COMIREX NO:		25X1
DIA	NBRG	NDA07-5090-77	03 DEC 76	SEC CLASS: 05B	MSN:	1P	ACCN: S078446
		SOLDATSKAYA TASHLA ARMY BARRACKS AL1			UR 540242N 0481350E		

25X1

1290
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TOP SECRET CHESS RUFF

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25X1

WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 62
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

NPIC NAIR [] OCT 76 [] SEC CLASS: 14B MSN: .76P ACCN: S078447

25X1

STORAGE, GRAIN INVENTORY/SAT IMAGERY POSS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 80B COMIREX NO:
PHOTO, SATELLITE IMAGERY/GRAIN STGE INVENTORY
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

THE FEASIBILITY OF A COUNTRYWIDE INVENTORY OF THE GRAIN STORAGE CAPACITY OF THE SOVIET UNION USING SATELLITE IMAGERY AS THE PRIMARY INFORMATION SOURCE IS DISCUSSED IN THIS STUDY. HOWEVER, THE STUDY IS LIMITED TO ONLY THOSE GRAIN STORAGE UNITS BELIEVED TO BE USED FOR STORING GRAIN FOR HUMAN CONSUMPTION

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1291
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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[Large Redacted Area]

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DIA IIM 5B2-1526-76 DEC 76 [Redacted] SEC CLASS: 14B MSN: [Redacted] 7P ACCN: S078471 25X1

YEVLAKH PETROLEUM PRODUCTS STORAGE WEST UR 403844N 0465932E
WAC NO : 0325 BE/OBJ NO: [Redacted] NPIC NO : - 134
IDHS CODE: [Redacted] EPF CAT : 80A COMIREX NO:

25X1
25X1

NPIC MEMO [Redacted] 09 DEC 76 [Redacted] SEC CLASS: 14B MSN: [Redacted] 2P ACCN: S078471 25X1

BOLOTNOYE/MOSHKOVO RADIO RELAY LINE SUSP UR 553840N 0841750E
WAC NO : 0161 BE/OBJ NO: [Redacted] NPIC NO : - 7-B1
IDHS CODE: [Redacted] EPF CAT : 25D COMIREX NO:

25X1
25X1

MOSHKOVO/BOLOTNOYE RADIO RELAY LINE SUSP UR 551730N 0833520E
WAC NO : 0162 BE/OBJ NO: [Redacted] NPIC NO : - 15
IDHS CODE: [Redacted] EPF CAT : 25D COMIREX NO:

25X1
25X1

TOGUCHIN RADIO RELAY STATION PROB UR 551610N 0842134E
WAC NO : 0161 BE/OBJ NO: [Redacted] NPIC NO : - 71

25X1

1298
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1

THIS MEMO DESCRIBES ON THE LATEST AVAILABLE KEYHOLE PHOTOGRAPHY THE MOSHKOVO RADIO RELAY STATION AND THE BOLOTNOYE RADIO RELAY STATION TO DETERMINE IF THERE ARE ADDITIONAL RADIO-RELAY STATIONS BETWEEN THESE POINTS. THE TOGUCHIN PROBABLE RADIO RELAY-STATION WAS IDENTIFIED AS A PROBABLE RADIO-RELAY BRANCH LINE.*

NPIC BIIR RCA15-0002-77 NOV 76 [] SEC CLASS: 25 MSN: [] 18P ACCN: S078472

25X1

PLESETSK MTC
WAC NO : 0102 BE/OBJ NO: [] UR 625746N 0402346E
IDHS CODE: [] EPF CAT : 40E NPIC NO : - 27
COMIREX NO: []

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25X1

ACTIVITY AT THE PLESETSK MISSILE/SPACE TEST CENTER SSM FROM NOVEMBER 1974 THROUGH MID-MAY 1976 INCLUDED THE FOLLOWING: NEW CONSTRUCTION AND MODIFICATION OF OVER 40 BUILDINGS/STRUCTURES AT SS-7 ICBM LAUNCH TEST SITES 4, 5, AND 6 AND AT SS-8 ICBM LAUNCH TEST SITE 7; EXPANSION OF THE COMMUNICATIONS NETWORK AT THE TEST CENTER; AND THE REMOVAL OF 26 SS-X-16 CANISTERS FROM THEIR OPEN STORAGE AREAS AT THE MISSILE HANDLING FACILITY AND AT LAUNCH TEST SITE 5. IN ADDITION, AN SS-X-16 CANISTER WITH A DOMED CAP AT ONE END AND A PROTRUSION OF A LESSER DIAMETER AT THE OTHER END WAS IDENTIFIED, AND FIVE NEW IMPACT CRATERS WERE SEEN NORTH OF LAUNCH TEST SITE 21.

THE SIGNIFICANCE OF THE ACTIVITY AT LAUNCH SITES 4, 5, 6, AND 7 AND THE EXPANSION OF THE COMMUNICATIONS NETWORK IS UNKNOWN. HOWEVER, THIS ACTIVITY MAY BE RELATED TO THE SS-X-16/-20 PROGRAMS. PHOTOGRAPHY OF OTHER INSTALLATIONS ACQUIRED [] THE DATE OF LATEST PHOTOGRAPHIC COVERAGE OF THIS INSTALLATION, SUGGESTS THAT SOME OF THE BUILDINGS CONSTRUCTED/MODIFIED AT LAUNCH SITES 4, 5, 6, AND 7 MAY HAVE THE SAME FUNCTION AS SIMILAR BUILDINGS SEEN AT THREE DEPLOYED SSM LAUNCH SITES WHERE ACTIVITY BELIEVED TO BE MOBILE MISSILE RELATED IS TAKING PLACE.

25X1

A LOCATION MAP, ANNOTATED PHOTOGRAPHS, AND TABLES ARE INCLUDED IN THIS REPORT, WHICH IS BASED ON KEYHOLE PHOTOGRAPHY OF THE PLESETSK CENTER ACQUIRED [] THIS REPORT
UPDATES NPIC []

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NPIC BIIB BCA21-0001-77 DEC 76 [] SEC CLASS: 14B MSN: [] 1P ACCN: S078473

25X1

VOZROZHDENIYA OSTROV BW LAB NO SIG CHANGE UR 450725N 0591520E
WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 7-B
IDHS CODE: [] EPF CAT : 13C COMIREX NO: []
VOZROZHDENIYA OSTROV BW TEST AREA NO SIG CHNG UR 450524N 0591436E
WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 7
IDHS CODE: [] EPF CAT : 13C COMIREX NO: []

25X1
25X1
25X1
25X1

DIA NBRG NDA06-5009-77 06 DEC 76 [] SEC CLASS: 05B MSN: [] 1P ACCN: S078474

25X1

URA GUBA/ARA GUBA NAVAL FACILITIES APPROACHES UR 6919 N 03251 E
WAC NO : 0051 BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 75 COMIREX NO: []

25X1
25X1

1299
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

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DIA NBRG NDA06-5010-77 06 DEC 76 SEC CLASS: 05B MSN: 1P ACCN: S078475

URA GUBA SUBMARINE BASE
WAC NO : 0051
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 75A

UR 691945N 0325109E
NPIC NO : - 37-A
COMIREX NO: []

25X1
25X1

NPIC MCS MCS021-76 NOV 76 [] SEC CLASS: 14 MSN: [] 55P

ACCN: S078475

MCS 4347-2
WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 60A

NPIC NO :
COMIREX NO:

NPIC MEMO [] 07 DEC 76 [] SEC CLASS: 13 MSN: 2P

ACCN: S078475

AIRCRAFT, BEAGLE IL-28 ECM/ELINT CONFIG SRCH
WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 05

CH
NPIC NO :
COMIREX NO:

SEARCH WAS MADE FOR ECM/ELINT CONFIGURED IL-28'S AT THE FOLLOWING FOUR AIRFIELDS ON THESE SPECIFIC
DATES - SHUANG-CHENG-TZU AIRFIELD [] YIN-CHUAN WEST AIRFIELD [] NAN-CHING YU-HSI-KOU
AIRFIELD [] AND HAN-KOU/WANG-CHIA-TUN AIRFIELD [] NONE WERE OBSERVED.*

25X1
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NPIC OAK 4347-1PIR04-76 DEC 76 [] SEC CLASS: 14E MSN: [] 85P

ACCN: S078475

OAK 4347 SUPPLEMENT PART 03
WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 15A

NPIC NO :
COMIREX NO:

NPIC MEMO [] 14 DEC 76 [] SEC CLASS: 14B MSN: [] 2P

ACCN: S078475

MAKHACHKALA TALL KING AW RADAR FACILITY
WAC NO : 0325
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25A

UR 425620N 0472620E
NPIC NO : - 35-31
COMIREX NO:

25X1
25X1

A SEARCH OF AUG 75 AND JAN 76 PHOTOGRAPHY REVEALED NO NEW ANTENNAS OR RADOMES WITHIN A 5 NM RADIUS OF
THE MAKHACHKALA AW RADAR FACILITY TALL KING. THERE IS THE [] RIBBED RADOME AT THIS FACILITY WHICH
WAS FIRST OBSERVED JULY 1972.*

25X1

DIA IIM 5B3-1652-76 17 DEC 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S078475

RIGA/RUMBULA AIRFIELD AAM STORAGE POTENTIAL
WAC NO : 0153
BE/OBJ NO: []

UR 565300N 0241337E
NPIC NO : - 63-A

25X1

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					25X1 25X1
DIA IIM	5B3-1653-76	17 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S078482	25X1 25X1
	GDOV AIRFIELD AAM STORAGE POTENTIAL			UR	584853N	0280050E			
	WAC NO : 0153		BE/OBJ NO:		NPIC NO :	- 13			25X1 25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					
DIA IIM	5B3-1649-76	17 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S078483	25X1 25X1
	HAAPSALU AIRFIELD AAM STORAGE POTENTIAL			UR	585441N	0232928E			
	WAC NO : 0153		BE/OBJ NO:		NPIC NO :	- 16-C			25X1 25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					
DIA IIM	5B3-1647-76	17 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S078484	25X1 25X1
	PARNU AIRFIELD AAM STORAGE POTENTIAL			UR	582509N	0242821E			
	WAC NO : 0153		BE/OBJ NO:		NPIC NO :	- 51-A			25X1 25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					
DIA IIM	5B3-1567-76	17 DEC 76		SEC CLASS: 13	MSN:		3P	ACCN: S078485	25X1 25X1
	GADKI AIR AMMUNITION DEPOT			PL	521753N	0170239E			
	WAC NO : 0169		BE/OBJ NO:		NPIC NO :				25X1 25X1
	IDHS CODE:		EPF CAT : 35F	COMIREX NO:					
DIA IIM	5B3-1645-76	17 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S078486	25X1 25X1
	ANDREAPOL AIRFIELD AAM STORAGE POTENTIAL			UR	563832N	0321851E			
	WAC NO : 0153		BE/OBJ NO:		NPIC NO :	- 2			25X1 25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:					
DIA IIM	5B3-1590-76	17 DEC 76		SEC CLASS: 13	MSN:		2P	ACCN: S078487	25X1 25X1
	MALACKY AIR AMMUNITION DEPOT			CZ	482048N	0170734E			
	WAC NO : 0232		BE/OBJ NO:		NPIC NO :				25X1 25X1
	IDHS CODE:		EPF CAT : 35F	COMIREX NO:					
DIA IIM	5B3-1638-76	17 DEC 76		SEC CLASS: 13	MSN:		1P	ACCN: S078488	25X1 25X1
	OBI KIIK AIRFIELD			UR	381658N	0684037E			
	WAC NO : 0336		BE/OBJ NO:		NPIC NO :	- 8-K			25X1 25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:					

1301

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA	IIM	5B3-1637-76	17 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S078489	25X1
		KELYATA AIRFIELD				UR 381540N 0574350E			25X1
		WAC NO : 0338		BE/OBJ NO: [REDACTED]		NPIC NO : - 31-A			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			25X1
DIA	IIM	5B3-1635-76	17 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S078490	25X1
		DUSTI AIRFIELD				UR 372218N 0684112E			25X1
		WAC NO : 0336		BE/OBJ NO: [REDACTED]		NPIC NO : - 37			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			25X1
DIA	IIM	5B3-1636-76	17 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S078491	25X1
		GYUARS AIRFIELD				UR 375110N 0584800E			25X1
		WAC NO : 0338		BE/OBJ NO: [REDACTED]		NPIC NO :			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			25X1
DIA	IIM	5B3-1581-76	15 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078492	25X1
		MONCHEGORSK AIRFIELD AAM STORAGE POTENTIAL				UR 675919N 0330057E			25X1
		WAC NO : 0091		BE/OBJ NO: [REDACTED]		NPIC NO : - 14-A			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 051		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1563-76	15 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078493	25X1
		TIRANE/RINAS AIRFIELD AAM STORAGE POTENTIAL				AL 412450N 0194315E			25X1
		WAC NO : 0322		BE/OBJ NO: [REDACTED]		NPIC NO : - 67			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 051		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1611-76	15 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078494	25X1
		VAINODE AIRFIELD AAM STORAGE POTENTIAL				UR 562422N 0215326E			25X1
		WAC NO : 0152		BE/OBJ NO: [REDACTED]		NPIC NO : - 7			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 051		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-1576-76	15 DEC 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078495	25X1
		ANADYR/LENINKA AIRFIELD AAM STORAGE POTENTIAL				UR 644402N 1774457E			25X1
		WAC NO : 0075		BE/OBJ NO: [REDACTED]		NPIC NO : - 2-B			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 051		COMIREX NO: [REDACTED]			25X1

1302
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
23A1

DIA	IIM	5B3-1598-76	15 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078496	25X1 23A1
		KOTLAS AIRFIELD SOUTH AAM STORAGE POTENTIAL			UR	605947N 0465224E			
		WAC NO : 0101		BE/OBJ NO: []	NPIC NO : -	3-D			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				25X1
DIA	IIM	5B3-1586-76	15 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078497	25X1
		ARKHANGELSK/TALAGI AIRFIELD AAM STORAGE PTNTL			UR	643601N 0404303E			
		WAC NO : 0092		BE/OBJ NO: []	NPIC NO : -	1-D			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				25X1
DIA	IIM	5B3-1584-76	15 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078498	25X1
		KEM/UZHMANA AIRFIELD AAM STORAGE POTENTIAL			UR	645515N 0341548E			
		WAC NO : 0091		BE/OBJ NO: []	NPIC NO : -	8			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				25X1
DIA	IIM	5B3-1574-76	15 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078499	25X1
		KILPYAVR AIRFIELD AAM STORAGE POTENTIAL			UR	690542N 0322358E			
		WAC NO : 0051		BE/OBJ NO: []	NPIC NO : -	7			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				25X1
DIA	IIM	5B3-1568-76	15 DEC 76	[]	SEC CLASS: 13	MSN: []	3P	ACCN: S078500	25X1
		AMDERMA AIRFIELD AAM STORAGE POTENTIAL			UR	694553N 0613400E			
		WAC NO : 0049		BE/OBJ NO: []	NPIC NO : -	1-A			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				25X1
DIA	IIM	5B3-1557-76	13 DEC 76	[]	SEC CLASS: 13	MSN: []	3P	ACCN: S078501	25X1
		LUIZI CALUGARA AIRFIELD AAM STORAGE POTENTIAL			RO	463122N 0265439E			
		WAC NO : 0251		BE/OBJ NO: []	NPIC NO : -	6A			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				25X1
DIA	IIM	5B3-1515-76	13 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078502	25X1
		RAVNETS AIRFIELD AAM STORAGE POTENTIAL			BU	423148N 0271551E			
		WAC NO : 0323		BE/OBJ NO: []	NPIC NO : -	9			25X1
		IDHS CODE: []		EPF CAT : 05I	COMIREX NO: []				23A1
DIA	IIM	5B3-1498-76	13 DEC 76	[]	SEC CLASS: 13	MSN: []	3P	ACCN: S078503	25X1

1303
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

MOSKVA/MONINO AIRFIELD

WAC NO : 0167
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 555020N 0381000E
NPIC NO : - 46-J
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1539-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S07850425X1

AYGUR AIRFIELD

WAC NO : 0122
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 622747N 1554503E
NPIC NO :
COMIREX NO:

25X1

DIA IIM 5B3-1542-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S07850525X1

TIMISOARA AIRFIELD NE AAM STORAGE POTENTIAL

WAC NO : 0251
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

RO 454845N 0212000E
NPIC NO : - 116-A
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1541-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07850625X1

CONSTANTA/MIHAIL KOGALNICEANU AFLD AAM STGE

WAC NO : 0250
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

RO 442131N 0282920E
NPIC NO : - 40
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1529-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07850725X1

SMARDZKO AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0169
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

PL 534729N 0154933E
NPIC NO : - 136
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1494-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07850825X1

BABIMOST AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0169
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

PL 520820N 0154754E
NPIC NO : - 13
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1505-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07850925X1

LASK AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0232
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

PL 513310N 0191043E
NPIC NO :
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-1534-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07851025X1

1304

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ZENDEK AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0232 BE/OBJ NO: [] PL 502839N 0190506E
IDHS CODE: [] EPF CAT : 05I NPIC NO : - 216
COMIREX NO: []

DIA IIM 5B3-1523-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 10P ACCN: S078511

25X1
25X1
25X1

PRAHA AIRCRAFT REPAIR BASE MALESICE

WAC NO : 0231 BE/OBJ NO: [] CZ 500451N 0143146E
IDHS CODE: [] EPF CAT : 05F NPIC NO :
COMIREX NO:

DIA IIM 5B3-1600-76 14 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078512

25X1
25X1

AFRIKANDA AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0091 BE/OBJ NO: [] UR 672723N 0324731E
IDHS CODE: [] EPF CAT : 05I NPIC NO : - 1
COMIREX NO: []

DIA IIM 5B3-1601-76 14 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078513

25X1
25X1

PETROZAVODSK AIRFIELD NW AAM STGE POTENTIAL

WAC NO : 0102 BE/OBJ NO: [] UR 615309N 0340920E
IDHS CODE: [] EPF CAT : 05I NPIC NO : - 15-A
COMIREX NO: []

DIA IIM 5B3-1602-76 14 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078514

25X1
25X1

LODEYNOYE POLE AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0102 BE/OBJ NO: [] UR 604234N 0333424E
IDHS CODE: [] EPF CAT : 05I NPIC NO : - 5
COMIREX NO: []

DIA IIM 5B3-1610-76 16 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078515

25X1
25X1

VYBORG AIRFIELD EAST AAM STORAGE POTENTIAL

WAC NO : 0103 BE/OBJ NO: [] UR 604028N 0291022E
IDHS CODE: [] EPF CAT : 05I NPIC NO : - 39-A
COMIREX NO: []

DIA IIM 5B3-1603-76 16 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078516

25X1
25X1

OBOZERSKIY AIRFIELD SE AAM STORAGE POTENTIAL

WAC NO : 0102 BE/OBJ NO: [] UR 632340N 0402345E
IDHS CODE: [] EPF CAT : 05I NPIC NO : - 29
COMIREX NO: []

DIA IIM 5B3-1592-76 16 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078517

25X1
25X1

PIONERSKIY AIRFIELD AAM STORAGE POTENTIAL

UR 611610N 0630815E

1305
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	WAC NO : 0100	BE/OBJ NO: []	NPIC NO : - 8		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-1607-76	16 DEC 76	[]	SEC CLASS: 13 MSN: []	2P ACCN: S07851825X1
	GROMOVO AIRFIELD AAM STORAGE POTENTIAL		UR 604253N 030064E		
	WAC NO : 0103	BE/OBJ NO: []	NPIC NO : - 27		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1-1
DIA IIM	5B3-1623-76	16 DEC 76	[]	SEC CLASS: 13 MSN: []	3P ACCN: S07851925X1
	SIVERSKIY AIRFIELD		UR 592120N 0300203E		
	WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 70		25X1
	IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []		25X1
DIA IIM	5B3-1624-76	16 DEC 76	[]	SEC CLASS: 13 MSN: []	3P ACCN: S07852025X1
	UMBOZERO AIRFIELD		UR 673058N 0341838E		
	WAC NO : 0091	BE/OBJ NO: []	NPIC NO : - 10-A		25X1
	IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []		25X1
DIA IIM	5B3-1632-76	16 DEC 76	[]	SEC CLASS: 13 MSN: []	2P ACCN: S07852125X1
	TAPA AIRFIELD AAM STORAGE POTENTIAL		UR 591411N 0255714E		
	WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 77		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-1625-76	16 DEC 76	[]	SEC CLASS: 13 MSN: []	1P ACCN: S07852225X1
	RIGA AIRFIELD WEST		UR 565525N 0235817E		
	WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 63-C		25X1
	IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []		25X1
NPIC MEMO	[]	17 DEC 76	[]	SEC CLASS: 14B MSN: []	2P ACCN: S07852325X1
	BARNAUL/UST KAMENOGORSK RADIO RELAY LINE		UR 5319 N 08343 E		
	WAC NO : 0162	BE/OBJ NO: []	NPIC NO :		
	IDHS CODE: []	EPF CAT : 25D	COMIREX NO:		25X1
	UST KAMENOGORSK/BARNAUL RADIO RELAY LINE		UR 4958 N 08236 E		
	WAC NO : 0239	BE/OBJ NO: []	NPIC NO :		
	IDHS CODE: []	EPF CAT : 25D	COMIREX NO:		25X1

THIS MEMO DESCRIBES THE NUMBER, TYPE, AND ORIENTATIONS OF THE RADIO-RELAY ANTENNAS AT STATIONS BETWEEN

1306
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

BARNUAL AND UST KAMENOGORSK, USSR.*

CIA INFR TSD273-76 15 DEC 76 [] SEC CLASS: 13 MSN: 2P ACCN: S078524 25X1

DOMNA AIRFIELD COMMUNICATIONS EQUIP MOBILE UR 515500N 1130718E
WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 2
IDHS CODE: [] EPF CAT : 25H COMIREX NO: []

25X1
25X1
25X1

CIA INFR ERD330-76 14 DEC 76 [] SEC CLASS: 14 MSN: 4P ACCN: S078526 25X1

VILNIUS COMPUTER PLANT + DESIGN BUREAU SIGMA UR 544246N 0251725E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 25E COMIREX NO:

25X1
25X1

THIS REPORT DESCRIBES EXPANSION TAKING PLACE AT VILNIUS COMPUTER PLANT AND DESIGN BUREAU SIGMA.*

CIA INFR MSD236-76 06 DEC 76 [] SEC CLASS: 13 MSN: 12P ACCN: S078527 25X1

KYREN RADIO RELAY STATION PROB UR 514500N 1020900E
WAC NO : 0241 BE/OBJ NO: [] NPIC NO : - 6
IDHS CODE: [] EPF CAT : 25D COMIREX NO:
DOMODEDOVO NAVAL RADIO RELAY/RADCOM RCVR STA UR 552824N 0374545E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 154-A
IDHS CODE: [] EPF CAT : 25I COMIREX NO:
OLENKOVO COMMAND CONTROL RCVR FACIL BKR U/I UR 543250N 0380410E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 196-A
IDHS CODE: [] EPF CAT : 25D COMIREX NO:
DZHANGYPAKHTA NAVAL RADIO COMMO RCVR STA BKR UR 430448N 0741012E
WAC NO : 0328 BE/OBJ NO: [] NPIC NO : - 205
IDHS CODE: [] EPF CAT : 25I COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

1307
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THIS MEMORANDUM PRESENTS A DESCRIPTION OF THE SIGNIFICANT FEATURES AT FOUR SELECTED SOVIET RADIO COMMUNICATIONS FACILITIES. ANNOTATED PHOTOGRAPHS ARE PROVIDED.*

CIA INFR TSD267-76 07 DEC 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07852825X1

WUCHING AIRFIELD OPTICAL SHELTERS NEW SEARCH CH 392217N 1170524E

WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 79 25X1

IDHS CODE: [] EPF CAT : 25H COMIREX NO: [] 25X1

CIA INFR MSD237-76 06 DEC 76 [] SEC CLASS: 24 MSN: [] 3P ACCN: S07852925X1

OLGA SA-1 SITE IDENTIFICATION UR 435810N 1353155E

WAC NO : 0291 BE/OBJ NO: [] NPIC NO : [] 25X1

IDHS CODE: [] EPF CAT : 40C COMIREX NO: [] 25X1

A NEW CONCRETE HARDSTAND AND SA-1 EQUIPMENT INCLUDING MISSILE AIRFRAMES, TRANSPORTER-ERECTOR-LAUNCHERS (TELS) AND SUPPORT VEHICLES HAVE BEEN IDENTIFIED NEAR THE CITY OF OLGA. THE NEW HARDSTAND IS CALLED THE OLGA SA-1 LAUNCH PAD. THIS HARDSTAND AND EQUIPMENT UNDOUBTEDLY ARE NOT INTENDED TO FILL AN AIR DEFENSE ROLE. TWO OTHER FUNCTIONS ARE POSSIBLE. THE FIRST POSSIBILITY IS THAT THE HARDSTAND WILL SERVE AS A LAUNCH POINT FOR SA-1 MISSILES USED AS TARGETS IN SAM TRAINING EXERCISES. THE SECOND POSSIBLE FUNCTION IS THAT THE HARDSTAND, THE SA-1 TEL'S AND MAYBE EVEN THE MISSILES MAY BE ASSOCIATED WITH AN R+D LAUNCH VEHICLE PRESENTLY DESIGNATED THE SH-06.*

CIA INFR TSD268-76 10 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07853025X1

AIRCRAFT, RAM H UR

WAC NO : [] BE/OBJ NO: [] NPIC NO : [] 25X1

IDHS CODE: [] EPF CAT : 05D COMIREX NO: []

CIA INFR MSD084-76 09 DEC 76 [] SEC CLASS: 13 MSN: [] 8P ACCN: S07853125X1

TYURATAM MTC SPACE SITE G3/4 SL-12/SL-13 A/F UR 460423N 0625849E

WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 6-E5 25X1

IDHS CODE: [] EPF CAT : 40H COMIREX NO: [] 25X1

MOSKVA MISSILE PROD PLANT FILI SL-12/13 A/F UR 554524N 0372926E

WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 46-1 25X1

IDHS CODE: [] EPF CAT : 40H COMIREX NO: [] 25X1

SPACE, SL-12/SL-13 AIRFRAMES UR

WAC NO : [] BE/OBJ NO: [] NPIC NO : []

IDHS CODE: [] EPF CAT : 40H COMIREX NO: []

THIS REPORT PROVIDES A COMPLETE HISTORY OF THE NUMBERS AND LOCATIONS OF SL-12/13 AIRFRAME SECTIONS OBSERVED ON PHOTOGRAPHY [] AT THE COMPLEX G SUPPORT AREA, TYURATAM MTC. THE CORRELATION

25X1

1308

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

OF THESE SIGHTINGS WITH THE LAUNCH PROGRAM MAY ESTABLISH A TIME LINE BETWEEN THEIR ARRIVAL AT TYURATAM AND THEIR LAUNCH. IT MAY ALSO CONTRIBUTE TO A BETTER UNDERSTANDING OF THE HISTORY OF SL-12/13 OPERATIONS AT COMPLEX G AS WELL AS SOME INSIGHT TO FUTURE EVENTS AT COMPLEX U.*

CIA INFR TSD269-76 08 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078532

AIRCRAFT, AIRFRAME PLANTS + RLTD FACS AIR O/B CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05G COMIREX NO:

CIA INFR MSD246-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078533

MISSILES, SS-7/SS-8 SITES OPERATIONAL STATUS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS MEMORANDUM IS A STATUS REPORT ON THE SOVIET LAND-BASED ICBM LAUNCHERS DEPLOYED BEFORE 1964 WHICH ARE PRESENTLY CONSIDERED NON-OPERATIONAL. [] PROVIDED COVERAGE OF 118 OF THE 209 SS-7 AND SS-8 LAUNCHERS. ON THIS BUCKET DISMANTLEMENT ACTIVITY WAS IDENTIFIED FOR THE FIRST TIME AT FOUR ADDITIONAL SS-7 SOFT LAUNCHERS, AND AT SIX SS-7 AND THREE SS-8 HARD LAUNCHERS, AS OF [] (1976), WE CARRIED A TOTAL OF 121 NON-OPERATIONAL LAUNCHERS. THIS INCLUDED 84 SOFT AND 18 HARD SS-7 LAUNCHERS, AND 10 SOFT AND NINE HARD SS-8 LAUNCHERS.

CIA INFR TSD259-76 03 DEC 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078534

NORILSK DRILL SITE OIL/GAS/PNE POSS UR 703114N 0854928E
WAC NO : 0048 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30A COMIREX NO:
NORILSK DRILL SITE OIL/GAS/PNE POSS UR 703114N 0854928E
WAC NO : 0048 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 55 COMIREX NO:

PHOTOGRAPHY [] WAS SEARCHED FOR A POSSIBLE NUCLEAR EXPLOSION DRILL SITE WEST OF NORILSK, USSR. A NEW DRILL SITE WAS OBSERVED 166 KM NORTHWEST OF NORILSK. IT IS UNCERTAIN WHETHER THIS NEW SITE IS FOR OIL/GAS EXPLORATION OR FOR USE IN A PNE EVENT.*

CIA INFR ERD314-76 02 DEC 76 [] SEC CLASS: 13 MSN: [] 10P ACCN: S078535

HWANG CHON MOTOR VEHICLE PLANT KN 391310N 1254950E
WAC NO : 0380 BE/OBJ NO: NPIC NO : - 157-E2
IDHS CODE: EPF CAT : 85A COMIREX NO:
SAINJANG MOTOR VEHICLE PLANT KN 391630N 1255130E
WAC NO : 0380 BE/OBJ NO: NPIC NO : - 70-A1

1309
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: []	EPF CAT : 85A	COMIREX NO: []
TOKCHON MOTOR VEHICLE PLANT PUG	KN 394503N 1261814E	
WAC NO : 0380	BE/OBJ NO: []	NPIC NO : - 47-A
IDHS CODE: []	EPF CAT : 85A	COMIREX NO: []
TRANSPORTATION, MOTOR VEHICLE PLANTS	KN	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 85A	COMIREX NO:

25X1
25X1
25X1

CIA INFR MSD222-76 12 NOV 76 [] SEC CLASS: 13 MSN: 7P ACCN: S078536 25X1

GORKIY/SORMOVO RADAR ASBLY + TEST CLAM SHELL	UR 561925N 0434842E
WAC NO : 0154	BE/OBJ NO: [] NPIC NO : - 13-F1
IDHS CODE: []	EPF CAT : 25E COMIREX NO: []
LIANOZOVO ELECTRONICS EQUIP PLT ELCT TWR MBL	UR 555323N 0373252E
WAC NO : 0167	BE/OBJ NO: [] NPIC NO : - 37-A
IDHS CODE: []	EPF CAT : 25E COMIREX NO: []
ANDREYEVO RADAR R+D TEST FAC CLAM SHELL/TOWER	UR 555330N 0411215E
WAC NO : 0166	BE/OBJ NO: [] NPIC NO : - 135-A
IDHS CODE: []	EPF CAT : 25E COMIREX NO: []
ELECTRONICS, ACQUISITION RADAR SAM ASSOCIATED	UR
WAC NO :	BE/OBJ NO: [] NPIC NO :
IDHS CODE:	EPF CAT : 25C COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1

THREE FACILITIES HAVE BEEN IDENTIFIED WHICH ARE ASSOCIATED WITH THE ASSEMBLY AND CHECK-OUT OF THE ACQUISITION RADAR FOR THE SAM SYSTEM UNDER DEVELOPMENT AT LAUNCH COMPLEX G, SARY SHAGAN MISSILE TEST CENTER. THESE THREE FACILITIES AND THE FUNCTIONS THEY PERFORM ARE THE GORKIY/SORMOVO RADAR TEST AREA WHERE THE RADAR ANTENNA IS TESTED; THE LIANOZOVO ELECTRONICS EQUIPMENT PLANT WHERE ELECTRONIC COMPONENTS ARE POSSIBLY ATTACHED TO THE TRANSPORTABLE ELECTRONICS TOWER; AND THE ANDREYEVO RADAR R+D/TEST FACILITY WHERE THE ANTENNA AND TOWER ASSEMBLY IS POSSIBLY CHECKED-OUT. THE LOCATIONS OF THESE FACILITIES ARE SHOWN IN FIGURE 1. AT LEAST TWO OTHER FACILITIES ARE PROBABLY ASSOCIATED WITH THIS RADAR, BUT THEY HAVE NOT YET BEEN IDENTIFIED. THESE ARE THE PLANTS WHICH MANUFACTURE BOTH THE ANTENNA AND THE TOWER. WE BELIEVE ONE OF THE ELECTRONICS PLANTS IN THE GORKIY AREA PROBABLY MAKES THE ANTENNA AND AN UNKNOWN HEAVY EQUIPMENT PLANT PROBABLY MANUFACTURES THE TOWER.

CIA INFR MSD330-76 19 NOV 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078537 25X1

SARY SHAGAN MTC CPLX F SITE 4 FLAT TWIN RADAR	UR 462629N 0725108E
WAC NO : 0245	BE/OBJ NO: [] NPIC NO : - 49-B6
IDHS CODE: []	EPF CAT : 25C COMIREX NO: []
UST KAMCHATSK RADAR FAC FLAT TWIN ABM-X-3 RDR	UR 561606N 1624412E
WAC NO : []	BE/OBJ NO: [] NPIC NO : - 18-D
IDHS CODE: []	EPF CAT : 25C COMIREX NO: []
ELECTRONICS, FLAT TWIN ABM-X-3 RADARS COMP	UR

25X1
25X1
25X1
25X1

1310
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1

CIA INFR TSD232-76 16 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078539

25X1
25X1

ASTRAKHAN AIRFIELD NW DRONE LAUNCH SITE []
WAC NO : 0248 BE/OBJ NO: [] UR 462350N 0475327E
IDHS CODE: [] EPF CAT : 05A NPIC NO : - 1-F
COMIREX NO: []

25X1
25X1
25X1
25X1

CIA INFR MSD233-76 26 NOV 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078540

25X1

MISSILES, SS-7/SS-8 SITES OPERATIONAL STATUS []
WAC NO : [] BE/OBJ NO: [] UR []
IDHS CODE: [] EPF CAT : 40A NPIC NO : []
COMIREX NO: []

THIS MEMO IS A STATUS REPORT ON THE SOVIET LAND-BASED ICBM LAUNCHERS DEPLOYED BEFORE 1964 WHICH ARE PRESENTLY CONSIDERED NON-OPERATIONAL. [] THERE WERE 108 NON-OPERATIONAL LAUNCHERS, INCLUDING 80 SOFT AND 12 HARD SS-7 LAUNCHERS AT 44 SITES, AND 10 SOFT AND 6 HARD SS-8 LAUNCHERS AT 7 SITES.*

25X1

CIA INFR TSD199-76 23 NOV 76 [] SEC CLASS: 13 MSN: [] 9P ACCN: S078541

25X1
25X1

1311
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AIRCRAFT, BACKFIRE B FLAP ANALYSIS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1

THIS MEMO PRESENTS THE RESULTS OF THE ANALYSIS OF THE FLAP ARRANGEMENT ON A BACKFIRE B BOMBER SEEN AT
POLTAVA AIRFIELD ON THE ANALYSIS REVEALED THAT THE MOVABLE PORTION OF THE WING HAS TWO
DISTINCT FLAP SECTIONS, WHICH EXHIBIT THE CHARACTERISTICS OF FOWLER AND SLOTTED FLAPS. THEY ARE NOT SPLIT
OR PLAIN FLAPS.*

25X1

CIA INFR ERD293-76 18 NOV 76 SEC CLASS: 13 MSN: 7P ACCN: S078542 25X1

MURUNTAU GOLD ORE CONCENTRATION PLANT UR 412830N 0643120E
WAC NO : 0327 BE/OBJ NO: NPIC NO : - 20
IDHS CODE: EPF CAT : 30B COMIREX NO:
ZOD ARARAT GOLD PLANT UR 395030N 0444420E
WAC NO : 0340 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:
NIZHNIY KURANAKH GOLD COMPLEX UR 584900N 1253200E
WAC NO : 0129 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:
OMCHAK GOLD ORE CONCENTRATION PLANT UR 613920N 1475300E
WAC NO : 0123 BE/OBJ NO: NPIC NO : - 18
IDHS CODE: EPF CAT : 30B COMIREX NO:
BILIBINO GOLD MINE 1 UR 681315N 1660100E
WAC NO : 0066 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30A COMIREX NO:
INDUSTRY, GOLD PRODUCTION FACILITIES UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
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25X1
25X1
25X1
25X1

THIS REPORT PROVIDES AN UPDATED ANALYSIS OF THE THREE MAJOR GOLD PRODUCTION PLANTS IN THE SOVIET
UNION--MURUNTAU, ZOD-ARRAT, AND NIZHNIY-KURANAKH--AND A
SMALLER PLANT AT OMCHAK, OMCHAK HAS ALSO BEEN WIDELY REFERRED TO AS THE MATRASOV GOLD
PLANT. ALSO INCLUDED IS AN UPDATE ON THE PLACER MINING ACTIVITY IN THE VICINITY OF BILIBINO

25X1
25X1
25X1

CIA INFR MSD219-76 30 NOV 76 SEC CLASS: 13 MSN: 10P ACCN: S078543 25X1

HYDERABAD SOLID MOTOR TEST FACIL STATIC FACS IN 171930N 0783000E
WAC NO : 0674 BE/OBJ NO: NPIC NO : - 14
IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1
25X1

1312
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IT HAS BEEN REPORTED IN VARIOUS COLLATERAL REPORTS THAT INDIA IS IN THE PROCESS OF DEVELOPING A LIQUID-FUELED ROCKET. ENGINES FOR SUCH A ROCKET COULD BE TESTED AT THE NEW STATIC TEST FACILITIES RECENTLY CONSTRUCTED IN THE TEST AREA AT THE HYDERABAD SOLID MOTOR TEST FACILITY, INDIA. THE NEW STATIC TEST FACILITIES ARE IN THE SOUTHERN PORTION OF THE TEST AREA AT THE HYDERABAD FACILITY. THIS MEMORANDUM GIVES AN ANALYSIS OF THE NEW STATIC TEST FACILITIES, AN ANNOTATED PHOTOGRAPH, DIMENSIONAL LINE DRAWINGS OF THE NEW VERTICAL TEST STAND AT HYDERABAD AND TEST STAND 3 AT VERNON GM + SPACE SYSTEMS R+D, FRANCE, AND A CONSTRUCTION CHRONOLOGY OF THE NEW VERTICAL TEST STAND AND THE PROBABLE COLD-FLOW CALIBRATION TEST STAND AT HYDERABAD.*

CIA INFR TSD237-76 19 NOV 76 [] SEC CLASS: 25 MSN: 33P ACCN: S078544

25X1

LENINGRAD SHIPYARD ADMIRALTY 194 PRODUCTION	UR 595502N 0301618E
WAC NO : 0153	NPIC NO : - 36-T
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
GORKIY SHIPYARD 112 PRODUCTION/EXPANSION	UR 562142N 0435228E
WAC NO : 0154	NPIC NO : - 13-C
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
KALININGRAD SHIPYARD STATE 820 PRODUCTION	UR 544131N 0202612E
WAC NO : 0169	NPIC NO : - 57-D
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
KERCH NAVAL BASE + SHPYD KAMYSH BURUN PROD/XL	UR 451558N 0362504E
WAC NO : 0249	NPIC NO : - 13-B
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
KERCH NAVAL BASE + SHPYD KAMYSH BURUN PROD/XL	UR 451558N 0362504E
WAC NO : 0249	NPIC NO : - 13-B
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75B	
KHABAROVSK SHIPYARD USSURI SOUTH PROD/EXPSN	UR 482358N 1350522E
WAC NO : 0204	NPIC NO : - 7-D
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
SHIPS, SHIPYARDS EXPANSION/SHIP PRODUCTION	UR
WAC NO : []	NPIC NO :
IDHS CODE: []	COMIREX NO:
BE/OBJ NO: []	
EPF CAT : 75E	
LENINGRAD SHIPYARD ZHDANOV 190 PROD/EXPANSION	UR 595233N 0301406E
WAC NO : 0153	NPIC NO : - 36-K
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
ZELENDOLSK SHIPYARD 340 PRODUCTION/EXPANSION	UR 555016N 0483007E
WAC NO : 0165	NPIC NO : - 34-B
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
LENINGRAD SHIPYARD SUDOMEKH 196 PROD/EXPSN	UR 595542N 0301649E
WAC NO : 0153	NPIC NO : - 36-B
IDHS CODE: []	COMIREX NO: []
BE/OBJ NO: []	
EPF CAT : 75E	
KOMSOMOLSK SHIPYARD AMUR 199 PRODUCTION/EXPSN	UR 503232N 1370248E

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25X1

1313
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

WAC NO : 0204	BE/OBJ NO: []	NPIC NO : - 13-E	25X1
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
NIKOLAYEV SHIPYARD NOSENKO 444 PROD/EXPANSION	UR 465705N 0315816E		
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 46-B	25X1
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
NIKOLAYEV SHIPYARD NORTHERN 61 PROD/EXPANSION	UR 465840N 0320019E		
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 46-C	25X1
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
LENINGRAD SHIPYARD PETROVSKIY PROD/EXPANSION	UR 595736N 0301512E		
WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 36-W1	25X1
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
SEVERODVINSK SHIPYARD 402 PRODUCTION/EXPSN	UR 643438N 0394832E		
WAC NO : 0092	BE/OBJ NO: []	NPIC NO : - 7-A	25X1
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1

THIS REPORT STUDIES THE GROWTH OF SOVIET NAVAL SHIPBUILDING. ANALYSIS OF FACILITY EXPANSION AT 13 SELECTED SHIPYARDS BETWEEN 1972 AND 1975 IS GIVEN. THE TOTAL CIVILIAN AND MILITARY SHIP PRODUCTION OF THESE YARDS FOR THE YEARS 1964, 1972, AND 1975 IS ALSO PROVIDED.*

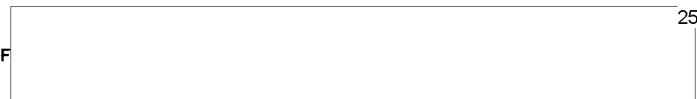
CIA INFR ERD324-76 30 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07854525X1

TOMSK THERMAL POWER PLANT GRES NORTH	UR 563710N 0844855E		
WAC NO : 0158	BE/OBJ NO: []	NPIC NO : []	25X1
IDHS CODE: []	EPF CAT : 30E	COMIREX NO: []	25X1

CIA INFR TSD234-76 30 NOV 76 [] SEC CLASS: 13 MSN: [] 7P ACCN: S07854625X1

NIKOLAYEV SHIPYARD 444 SLBM POP-UP PLATFORM	UR 465705N 0315816E		
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 46-B	25X1
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
NIKOLAYEV SHIPYARD 444 SLBM POP-UP PLATFORM	UR 465705N 0315816E		
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 46-B	25X1
IDHS CODE: []	EPF CAT : 40G	COMIREX NO: []	25X1
BALAKLAVA MTC SLBM POP-UP TEST PLATFORM	UR 443014N 0333122E		
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 3-A4	25X1
IDHS CODE: []	EPF CAT : 40G	COMIREX NO: []	25X1
NENOKSA NAVAL MTC FACIL A CRUISE MSL LNCHRS	UR 643843N 0391118E		
WAC NO : 0092	BE/OBJ NO: []	NPIC NO : - 21	25X1
IDHS CODE: []	EPF CAT : 40G	COMIREX NO: []	25X1

THIS REPORT PROVIDES AN ANALYSIS OF NAVAL CRUISE MISSILE TEST PLATFORMS AT NIKOLAYEV SHIPYARD 444 AND AT BALAKLAVA MISSILE TEST CENTER. A DIMENSIONAL COMPARISON WAS ALSO MADE OF THE TEST PLATFORM NOW AT BALAKLAVA AND THE NEW CRUISE MISSILE LAUNCHERS RECENTLY INSTALLED AT NENOKSA LAUNCH FACILITY A.*



25X1

1314
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

CIA INFR MSD234-76 30 NOV 76 [] SEC CLASS: 13 MSN [] 3P ACCN: S078547

DROVYANAYA MOBILE SSM BARRACKS AL1 + HQ SS-12 UR 513308N 1130136E
 WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 53-K2
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

A SCALEBOARD MISSILE (SS-12) WAS OBSERVED AT THE DROVYANAYA SSM MOBILE MISSILE BARRACKS AL1/HQ IN JUNE 1973. THIS MEMORANDUM CONTAINS AN ANNOTATED PHOTOGRAPH AND A LINE DRAWING WITH DIMENSIONS OF THE MISSILE AS IT WAS OBSERVED AT DROVYANAYA.

25X1

CIA INFR TSD209-76 29 NOV 76 [] SEC CLASS: 14 MSN: [] 14P ACCN: S078548

MURMANSK SS-NX-13 TARGET BARGES + VESSELS UR 6857 N 03303 E
 WAC NO : 0051 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 40G COMIREX NO: []
 SHIPS, TARGET BARGES + VESSELS SS-NX-13 ASSOC UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 75D COMIREX NO: []

25X1

THIS REPORT ANALYZES THE ACTIVITIES OF MISSILE TARGET BARGES AND TARGET VESSELS IN THE MURMANSK AREA. IT DEALS PRIMARILY WITH THE SS-NX-13 TEST PROGRAM.*

CIA INFR TSD243-76 16 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078549

AIRCRAFT, BOMBER LONG RANGE NEW SEARCH UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 05 COMIREX NO: []

25X1

CIA INFR ERD276-76 22 OCT 76 [] SEC CLASS: 05 MSN: [] 39P ACCN: S078550

GENERAL, EARTHQUAKE DAMAGE TANGSHAN CH
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10D COMIREX NO: []
 TRANSPORTATION, EARTHQUAKE DAMAGE TANGSHAN CH
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 85 COMIREX NO: []
 TANGSHAN HEAT + THERMAL POWER PLT EARTHQUAKE CH 393851N 1181154E
 WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 65-C
 IDHS CODE: [] EPF CAT : 30E COMIREX NO: []
 LIYUANCHEN THERMAL POWER PLANT EARTHQUAKE DMG CH 394615N 1181640E
 WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 119-C1
 IDHS CODE: [] EPF CAT : 30E COMIREX NO: []

25X1
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25X1
25X1
25X1

1315
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

MIYUN HYDROELECTRIC POWER PLT/DAM EARTHQUAKE	CH 402846N 1164940E
WAC NO : 0289	NPIC NO : - 39-A
IDHS CODE: []	COMIREX NO:
TANGSHAN COKE BYPRODUCTS PLANT EARTHQUAKE DMG	CH 394000N 1181240E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
HANKU CHEMICAL PLANT SOUTH EARTHQUAKE DAMAGE	CH 391300N 1174650E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
HEIYENTZU SODIUM PLANT EARTHQUAKE DAMAGE	CH 391240N 1181000E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
HANKU SALT PROCESSING PLANT 4 EARTHQUAKE DMG	CH 391425N 1180010E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
HANKU SALT PROCESSING PLANT 3 EARTHQUAKE DMG	CH 391630N 1175100E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
HANKU SALT PROCESSING PLANT 2 EARTHQUAKE DMG	CH 391630N 1174840E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
HANKU SALT PROCESSING PLANT 1 EARTHQUAKE DMG	CH 391450N 1174920E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
CHANGLI NITROGEN FERTILIZER PLANT EARTHQUAKE	CH 394420N 1190310E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
FENGNAN NITROGEN FERTILIZER PLANT EARTHQUAKE	CH 393235N 1175150E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
NINGHO NITROGEN FTLZR PLANT 2 EARTHQUAKE DMG	CH 391845N 1175015E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
NINGHO NITROGEN FTLZR PLANT 3 EARTHQUAKE DMG	CH 392135N 1174440E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
NINGHO NITROGEN FERTILIZER PLT EARTHQUAKE DMG	CH 391920N 1174950E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
TANGSHAN NITROGEN FERTILIZER PLANT EARTHQUAKE	CH 394140N 1181010E
WAC NO : 0381	NPIC NO :
IDHS CODE: []	COMIREX NO:
CHAOKOCHUANG NITROGEN FTLZR PLANT EARTHQUAKE	CH 394540N 1183030E

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TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0381	BE/OBJ NO:	NPIC NO :
IDHS CODE: []	EPF CAT : 30F	COMIREX NO:
HSIEHKOCHUANG CHEMICAL FTLZR PLANT EARTHQUAKE		CH 391612N 1182750E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 26
IDHS CODE: []	EPF CAT : 30F	COMIREX NO:
TANGSHAN CEMENT PLANT CHIHSIEN EARTHQUAKE DMG		CH 393747N 1181200E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 65-D
IDHS CODE: []	EPF CAT : 30B	COMIREX NO:
TANGSHAN CERAMICS PLANT EARTHQUAKE DAMAGE		CH 393946N 1181226E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30D	COMIREX NO:
INDUSTRY, COAL MINING/PROCESSING EARTHQUAKE		CH
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE: []	EPF CAT : 30A	COMIREX NO:
INDUSTRY, COAL MINING/PROCESSING EARTHQUAKE		CH
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE: []	EPF CAT : 30B	COMIREX NO:
TANGSHAN PORCELAIN PLANT 1 EARTHQUAKE DAMAGE		CH 394148N 1181439E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30D	COMIREX NO:
TANGSHAN CERAMICS PLANT 1 EARTHQUAKE DAMAGE		CH 394048N 1181320E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30D	COMIREX NO:
TANGSHAN IRON + STEEL PLANT EARTHQUAKE DAMAGE		CH 393852N 1181223E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 65-E
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:
PEICHING LOCOMOTIVE PLANT EARTHQUAKE DAMAGE		CH 394919N 1161126E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 50-J
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
FENGJUN LOCOMOTIVE REPAIR PLT EARTHQUAKE DMG		CH 394910N 1180800E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
TANGSHAN RAILROAD EQUIP MFG EARTHQUAKE DAMAGE		CH 393615N 1181056E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 65-1
IDHS CODE: []	EPF CAT : 85B	COMIREX NO:
TANGSHAN MOTOR VEHICLE PLANT EARTHQUAKE DMG		CH 394230N 1181750E
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 85A	COMIREX NO:
TANGKU CHEMICAL PLANT EARTHQUAKE DAMAGE		CH 390100N 1174025E
WAC NO : 0381	BE/OBJ NO:	NPIC NO :
IDHS CODE: []	EPF CAT : 30F	COMIREX NO:
TANGSHAN CHEMICAL PLANT EARTHQUAKE DAMAGE		CH 394000N 1181550E
WAC NO : 0381	BE/OBJ NO:	NPIC NO :

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25X1

1317
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

IDHS CODE: []	EPF CAT : 30F	COMIREX NO:
HANKU CHEMICAL PLANT 2 EARTHQUAKE DAMAGE	CH 391500N 1174700E	
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30F	COMIREX NO:
HANKU CHEMICAL PLANT TIENCHING EARTHQUAKE DMG	CH 391334N 1174729E	
WAC NO : 0381	BE/OBJ NO: []	NPIC NO : - 114-A
IDHS CODE: []	EPF CAT : 30F	COMIREX NO:
TANGSHAN CERAMICS PLANT 4 EARTHQUAKE DAMAGE	CH 393827N 1181213E	
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30D	COMIREX NO:
TANGSHAN PORCELAIN PLANT EARTHQUAKE DAMAGE	CH 393741N 1181140E	
WAC NO : 0381	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30D	COMIREX NO:

25X1

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ANALYSIS OF THE TRANSPORTATION AND INDUSTRIAL FACILITIES IN THE TANG-SHAN AREA OF CHINA REVEALED THAT DAMAGE RESULTING FROM THE JULY 1976 EARTHQUAKES RANGED FROM NO DISCERNIBLE EXTERIOR DAMAGE TO ALMOST TOTAL DESTRUCTION. THE AREA WAS IMAGED ON PHOTOGRAPHY [] PROVIDING THE BEST COVERAGE OF TANG-SHAN CITY. THE IMAGERY RANGED FROM FAIR TO GOOD QUALITY [] IN COMBINATION, THE FOUR COVERAGES PROVIDED A CLOUD-FREE LOOK AT NEARLY THE ENTIRE AREA REPORTEDLY AFFECTED BY THE EARTHQUAKE.

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THIS REPORT INCLUDES A COMPILATION OF DATA ON POPULATION CENTERS, TRANSPORTATION FACILITIES, AND INDUSTRIAL PLANTS.

CIA INFR ERD308-76 12 NOV 76 [] SEC CLASS: 05 MSN: 2P ACCN: S078551

CHEBOKSARY TRACTOR PLANT	UR 560723N 0471958E
WAC NO : 0155	BE/OBJ NO: [] NPIC NO : - 1-C1
IDHS CODE: []	EPF CAT : 30C COMIREX NO: []

25X1

25X1

THIS MEMORANDUM SUMMARIZES CONSTRUCTION AT CHEBOKSARY TRACTOR PLANT BETWEEN JANUARY AND SEPTEMBER 1976. ALTHOUGH CONSTRUCTION IS CONTINUING, PROGRESS TOWARD COMPLETION OF MAJOR PRODUCTION FACILITIES HAS BEEN SLOW. THERE HAVE BEEN NO INDICATIONS OF PRODUCTION AT THE PLANT.*

CIA INFR TSD244-76 03 NOV 76 [] SEC CLASS: 13 MSN: 4P ACCN: S078551, 25X1

KHOROL AIRFIELD EAST GSE INVENTORY	UR 442650N 1320743E
WAC NO : 0282	BE/OBJ NO: [] NPIC NO : - 16
IDHS CODE: []	EPF CAT : 05A COMIREX NO: []
BEZHETSK AIRFIELD GSE INVENTORY	UR 574331N 0363856E
WAC NO : 0154	BE/OBJ NO: [] NPIC NO : - 2
IDHS CODE: []	EPF CAT : 05A COMIREX NO: []
KOTLAS AIRFIELD GSE INVENTORY	UR 611424N 0463843E
WAC NO : 0101	BE/OBJ NO: [] NPIC NO : - 3-E

25X1

25X1

25X1

225X1

25X1

25X1

1318
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: []	EPF CAT : 05A	COMIREX NO:
YENBEKSHI AIRFIELD GSE INVENTORY		UR 461115N 0804942E
WAC NO : 0244	BE/OBJ NO: []	NPIC NO : - 200-A
IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []
SESHCHA AIRFIELD GSE INVENTORY		UR 534254N 0332041E
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 75
IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []
SUMBER SUMA AIRFIELD GSE INVENTORY		MG 463455N 1081916E
WAC NO : 0285	BE/OBJ NO: []	NPIC NO : - 14
IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1
25X1

THIS MEMO PROVIDES AN INVENTORY OF AIRCRAFT GROUND SUPPORT EQUIPMENT AT SIX SOVIET AIRFIELDS. THREE TACTICAL AVIATION, ONE AIR DEFENSE, ONE NAVAL AVIATION, AND ONE TRANSPORT AIRFIELD WERE USED IN THE STUDY.

CIA INFR TSD229-76 28 OCT 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078553 25X1

SEVERODVINSK SHIPYARD 402 D CLASS 55BN PROD	UR 643438N 0394832E
WAC NO : 0092	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 75E
	NPIC NO : - 7-A
	COMIREX NO: []

25X1
25X1

THIS MEMO DISCUSSES THE OBSERVED CHANGES IN THE TIMING OF DELTA SERIES HULL SECTION LOADING IN RELATION TO DELTA SERIES LAUNCHES AT THE MAIN CONSTRUCTION HALL AT SEVERODVINSK SHIPYARD 402. IT IS APPARENT THAT THE DELTA PRODUCTION RATE AT SEVERODVINSK IS SLOWING, AND IT IS QUITE POSSIBLE THAT TRACKS A AND B ARE BEING PHASED OUT OF DELTA SERIES PRODUCTION -- POSSIBLY TO MAKE ROOM FOR A NEW PRODUCTION PROGRAM.

NPIC MEMO [] 14 JAN 77 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078554 25X1

MOSKVA AW RADAR FACILITY DOLGOPRUDNYY	UR 555700N 0373100E
WAC NO : 0167	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 25A
	NPIC NO : - 58-M
	COMIREX NO: []
MOSKVA MILITARY BARRACKS DOLGOPRUDNYY	UR 555650N 0373110E
WAC NO : 0167	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 35A
	NPIC NO : - 58-M3
	COMIREX NO: []

25X1
25X1
25X1
25X1

MOSCOW/DOLGOPRUDNYY AW RADAR FACILITY WAS EXAMINED TO DETERMINE THE PRESENCE OF A CORPS-SIZE ORGANIZATION SUBORDINATE TO THE 1ST PVO SPECIAL PURPOSE ARMY. THE LIMITED AMOUNT OF FACILITIES AT THIS AW FACILITY ALONE INDICATES THAT A CORPS-SIZE UNIT IS NOT HOUSED THERE; HOWEVER, MOSCOW/DOLGOPRUDNYY PVO BARRACKS IS ADJACENT TO THE BARRACKS/SUPPORT AREA OF THE AW RADAR SITE.*

CIA INFR TSD221-76 29 OCT 76 [] SEC CLASS: 13 MSN: [] 5P ACCN: S078555 25X1

SHIPS, NAVAL SHIP PROD 4 AUG 76 - 6 SEPT 76 CH

1319
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75 COMIREX NO:

THIS MEMO DETAILS CHINESE NAVAL SHIP PRODUCTION FOR THE PERIOD [REDACTED] INCLUDED IS SUBMARINE PRODUCTION AT HU-LU-TAO AND LU-TA, SURFACE SHIP PRODUCTION AT LU-TA AND TANG-KU, AND SHIP REPAIR FACILITIES AT LU-TA, SHAN-HAI-KUAN, AND TA-KU.*

25X1

25X1

CIA INFR TSD198-76 18 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P ACCN: S07855625X1

AIRCRAFT, FANTAIL LA-17/LA-18 COMPARISON UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

ANALYSIS OF IMAGERY OVER ASTRAKHAN NORTHWEST AIRFIELD, KRASNOVODSK AIRFIELD, AND VLADIMIROVKA ADVANCED WEAPONS AND RESEARCH CENTER, COMPLEX SITE 1D HAS SHOWN ALL DRONES TO BE CONVENTIONAL LA-17'S EXCEPTING ONE PREVIOUSLY OBSERVED VARIANT DESIGNATED THE LA-18.

CIA INFR TSD218-76 19 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 4P ACCN: S07855725X1

AIRCRAFT, FOXBAT C MIG-25 INVENTORY UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:

HIGH RESOLUTION IMAGERY OF NINE SOVIET AIRFIELDS WAS REVIEWED TO DETERMINE THE NUMBER OF MIG-25 JET-TRAINERS (FOXBAT C) ASSIGNED TO EACH SOVIET AIR DEFENSE REGIMENT (APVO).*

CIA INFR MSD184-76 OCT 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 10P ACCN: S07855825X1

SARY SHAGAN MTC R+D RADAR FAC 3 ABM RDR POSS UR 455800N 0733810E
WAC NO : 0245 BE/OBJ NO: [REDACTED] NPIC NO : - 2-D1
IDHS CODE: [REDACTED] EPF CAT : 25C COMIREX NO: [REDACTED]

25X1

25X1

RESEARCH AND DEVELOPMENT (R+D) RADAR FACILITY 3, AT THE SARY SHAGAN MISSILE TEST CENTER, WILL POSSIBLY HOUSE A NEW EXPERIMENTAL ANTIBALLISTIC MISSILE (ABM) RADAR SYSTEM. THE FACILITY IS IN AN AREA HISTORICALLY ASSOCIATED WITH ABM RADAR DEVELOPMENT AND TESTING, AND THE TWO RADARS IN THE FACILITY ARE ORIENTED TOWARD THE 950- AND 1,050-NAUTICAL MILE (NM) IMPACT AREAS FOR MISSILES LAUNCHED FROM KAPUSTIN YAR TO SARY SHAGAN. DETAILED IMAGERY ANALYSIS OF THE RADARS INDICATES THAT THEY WILL POSSIBLY BE CAPABLE OF PROVIDING BOTH THE ACQUISITION AND THE TARGET AND INTERCEPTOR TRACKING FUNCTIONS FOR AN ABM.

CIA INFR TSD241-76 15 NOV 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 5P ACCN: S07855225X1

AIRCRAFT, AIRFRAME PLANTS + RLTD FACS AIR O/B CH
WAC NO : BE/OBJ NO: NPIC NO :

25X1

1320
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
23A1

CIA INFR ERD204-76 19 OCT 76 [] SEC CLASS: 13 MSN: [] 7P ACCN: S078560 25X1

JELGAVA BUS PLANT EXPANSION UR 563934N 0234610E 25X1
 WAC NO : 0153 BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: [] EPF CAT : 85A COMIREX NO: 25X1

LVOV BUS PLANT EXPANSION UR 494829N 0240112E 25X1
 WAC NO : 0232 BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: [] EPF CAT : 85A COMIREX NO: 25X1

PAVLOVO MOTOR VEHICLE ASSEMBLY PLANT EXPSN UR 555845N 0430543E 25X1
 WAC NO : 0166 BE/OBJ NO: [] NPIC NO : - 154-B 23A1
 IDHS CODE: [] EPF CAT : 85A COMIREX NO:

THIS MEMORANDUM IS IN RESPONSE TO A CONTINUING REQUIREMENT FOR ANALYSIS OF SIGNIFICANT EXPANSION OF FACILITIES WITHIN THE SOVIET MOTOR VEHICLE MANUFACTURING INDUSTRY. THREE PLANTS ARE INCLUDED IN THIS REPORT, THE JELGAVA BUS PLANT, LVOV BUS PLANT, AND PAVLOVO MOTOR VEHICLE PLANT. NO EVIDENCE OF CIVIL DEFENSE BUNKERS OR OTHER MEASURES COULD BE IDENTIFIED AT THE THREE PLANTS.

CIA INFR MSD218-76 22 OCT 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078561 25X1

MISSILES, SS-7/SS-8 SITES OPERATIONAL STATUS UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS MEMORANDUM IS A STATUS REPORT ON THE SOVIET LAND-BASED ICBM LAUNCHERS DEPLOYED BEFORE 1964 WHICH ARE PRESENTLY CONSIDERED NON-OPERATIONAL. AS OF [] WE CARRIED A TOTAL OF 79 NON-OPERATIONAL LAUNCHERS, INCLUDING 60 SOFT AND 9 HARD SS-7 LAUNCHERS AT 33 SITES, AND 10 SOFT SS-8 LAUNCHERS AT 5 SITES.

[] PROVIDED COVERAGE OF ALL BUT ONE OF THE 209 SS-7 AND SS-8 LAUNCHERS. DISMANTLEMENT ACTIVITY WAS IDENTIFIED ON THIS BUCKET FOR THE FIRST TIME AT 25 ADDITIONAL SOFT LAUNCHERS. THIS INCLUDES THE FIRST EVIDENCE OF DISMANTLEMENT ACTIVITY AT TWO ADDITIONAL SS-7 COMPLEXES--NOVOSIBIRSK AND YURYA--AND THE FIRST EVIDENCE OF DISMANTLEMENT FOR THE SS-8 SYSTEM AT TWO COMPLEXES KOZELSK AND TYUMEN.

CIA INFR TSD203-76 18 OCT 76 [] SEC CLASS: 25B MSN: [] 6P ACCN: S078562 25X1

SHIPS, SUBMERSIBLE/UNDERWATER VEHICLE ACT UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 75 COMIREX NO:

SEVASTOPOL SUBMERSIBLES/UNDERWATER VEH ACT UR 4436 N 03331 E
 WAC NO : 0250 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 75 COMIREX NO:

1321
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THIS MEMORANDUM IS PART OF A CONTINUING STUDY OF SELECTED SOVIET SUBMERSIBLES AND RELATED UNDERWATER
ACTIVITY AS OBSERVED ON PHOTOGRAPHY.

25X1
25X1

NPIC MEMO 22 DEC 76 SEC CLASS: 14B MSN: 4347 1P

ACCN: S07856325X1

OSTRQV/GOROKHOVKA AIRFIELD SIGINT BN MBL SRCH UR 571748N 0282555E
WAC NO : 0153 BE/OBJ NO: NPIC NO : - 49
IDHS CODE: EPF CAT : 25H COMIREX NO:

25X1
25X1
25X1

1322
TOP SECRET CHESS RUFF

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

AF REPT 12-76 14 OCT 76 SEC CLASS: 08 MSN: 4P ACCN: S078603

AIRCRAFT: FORGER YAK-36

WAC NO :
IDHS CODE:

BE/OBJ No: [redacted]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

25X1

25X1

25X1

1334
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

25X1

AF REPT 599-76 04 OCT 76 [REDACTED] SEC CLASS: 13 MSN: 17P ACCN: S078605

KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
WAC NO : 0165 BE/OBJ NO: [REDACTED] NPIC NO : - 17-A
IDHS CODE: [REDACTED] EPF CAT : 05G COMIREX NO: [REDACTED]
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
WAC NO : 0165 BE/OBJ NO: [REDACTED] NPIC NO : - 17-A
IDHS CODE: [REDACTED] EPF CAT : 40E COMIREX NO: [REDACTED]

25X1
25X1
25X1
25X1

KEYHOLE PHOTOGRAPHY FROM AUGUST 1960 - FEBRUARY 1976 WAS EXAMINED TO PROVIDE AN UPDATED CHRONOLOGY OF PLANT GROWTH; PHYSICAL, DIMENSIONAL, AND FUNCTIONAL DESCRIPTION OF BUILDINGS AND STRUCTURES; IDENTIFICATION AND DESCRIPTION OF NEW CONSTRUCTION/EXPANSION UNDERWAY; AND LOCATION AND DESCRIPTION OF ANY HARDWARE ITEMS LOCATED ADJACENT TO BUILDINGS WITHIN KUYBYSHEV EXPERIMENTAL AIRCRAFT AND ROCKET ENGINE PLANT. THIS REPORT IS SUPPLEMENTED BY DRAWINGS 71D6523/4 AND 70D4546/1.*

AF REPT 647-76 29 SEP 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 8P ACCN: S078606

WUCHAI MTC SITE D CH 385044N 1113649E
WAC NO : 0382 BE/OBJ NO: [REDACTED] NPIC NO : - 77-G1
IDHS CODE: [REDACTED] EPF CAT : 40E COMIREX NO: [REDACTED]

25X1
25X1
25X1

THIS REPORT DESCRIBES WU-CHAI SSM RESEARCH AND DEVELOPMENT TEST LAUNCH SITE D. LAUNCH SITE D CONSISTS OF A LAUNCH POSITION, A LAUNCH CONTROL CENTER (LCC), AN U/I FACILITY, AN U/I UNDERGROUND BUILDING, TWO EXCAVATIONS, A GRADED AREA (BUILDING CONSTRUCTION NOT YET STARTED), AND THREE BARRACKS AREAS. PROPELLANT STORAGE FACILITIES ARE AS YET UNIDENTIFIABLE; HOWEVER, THE U/I UNDERGROUND BUILDING AND THE TWO EXCAVATIONS (WHERE BUILDING CONSTRUCTION HAS NOT YET STARTED) APPEAR TO BE LOGICAL CANDIDATES.*

AF REPT 648-76 29 SEP 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 4P ACCN: S078607

MISSILES, SS-9/18 SILO CONVERSION UR
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 40A COMIREX NO:

25X1
25X1

AF REPT 651-76 27 SEP 76 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 13P ACCN: S078608

MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST AREA UR 555420N 0372651E
WAC NO : 0167 BE/OBJ NO: [REDACTED] NPIC NO : - 48
IDHS CODE: [REDACTED] EPF CAT : 40E COMIREX NO: [REDACTED]
MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST AREA UR 555420N 0372651E

25X1
25X1

1335
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 48
IDHS CODE: [] EPF CAT : 40H COMIREX NO: []

25X1
25X1

THIS REPORT WITH DRAWINGS 76D6515 AND 70D3503/1 PROVIDES AN UPDATED ANALYSIS OF THE MOSKVA/KHIMKI 456 TEST AREA. IT INCLUDES CHRONOLOGICAL TABLES OF EXPANSION AND OF TEST OPERATION INDICATORS. DIMENSIONS OF FACILITIES AND NITROGEN BOTTLES ARE GIVEN.*

AF REPT 652-76 29 SEP 76 [] SEC CLASS: 13 MSN: [] 39P ACCN: S078609 25X1

CHIENSHUI SSM COMPLEX CH 233805N 1025030E
WAC NO : 0616 BE/OBJ NO: [] NPIC NO : - 517-A5
IDHS CODE: [] EPF CAT : 40 COMIREX NO: []

25X1
25X1

THIS REPORT INCORPORATES ALL LAUNCH SITES AND OTHER APPROPRIATE ELEMENTS OF THE FORMER WO-NI-CHAI AND CHU-CHI MISSILE LAUNCH COMPLEXES, WHICH HAVE BEEN REDESIGNATED LAUNCH GROUPS A+B, RESPECTIVELY, OF THE CHIEN-SHUI MISSILE COMPLEX. A DESCRIPTION AND CHRONOLOGY OF EACH FACILITY IN THE CHIEN-SHUI COMPLEX IS GIVEN.

THIS REPORT AND ITS ASSOCIATED DRAWING 76C4526 SUPERSEDE PAR 73-526, 73-597, 74-595, 74-611, 73-693 AND DRAWINGS 73B4528, 73D6503, AND 73D6521.*

AF REPT 653-76 18 NOV 76 [] SEC CLASS: 13 MSN: [] 19P ACCN: S078610 25X1

DNEPROPETROVSK MISSILE DPC RKT ENG TEST FACIL UR 482601N 0345828E
WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 7-C
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THIS REPORT PROVIDES A CHRONOLOGICAL TABULATION OF ADDITIONS OR MODIFICATIONS THAT HAVE TAKEN PLACE SINCE JANUARY 1972 AT THE DNEPROPETROVSK MISSILE DEVELOPMENT AND PRODUCTION CENTER, ROCKET ENGINE TEST FACILITY. A CHRONOLOGY OF THE MEASURABLE BLAST MARKS OBSERVED AT THE TEST STANDS AND A DESCRIPTION AND LOCATION OF ROCKET-RELATED EQUIPMENT ALONG WITH A DESCRIPTION OF ANY MODIFICATIONS AND CONSTRUCTION EQUIPMENT OBSERVED AT TEST STAND 1 FROM JANUARY 1966 THRU DECEMBER 1969 IS INCLUDED.

THIS REPORT ALSO INCLUDES A DESCRIPTION OF A NEW PROPELLANT STORAGE AND HANDLING FACILITY LOCATED 600 METERS WEST OF THE ROCKET TEST FACILITY.

ALL BUILDING ANNOTATIONS USED WERE TAKEN FROM FTD DRAWING 69D6551 AND SOME DESIGNATORS WERE TAKEN FROM FTD DRAWING 69C4538.*

AF REPT 656-76 29 OCT 76 [] SEC CLASS: 13 MSN: [] 7P ACCN: S078611 25X1

TEREKTY ASM IMPACT AREA CRATERS UR 481515N 0483140E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 39-E
IDHS CODE: [] EPF CAT : 40J COMIREX NO: []
MAKAT ASM IMPACT AREA CRATERS/INSTR TOWERS UR 480600N 0534400E
WAC NO : 0236 BE/OBJ NO: [] NPIC NO : - 25-A

25X1
25X1

25X1

1336
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
 AKHTUBINSK ORDNANCE TEST AREA 2 CRATERS UR 482220N 0465830E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 18-F
 IDHS CODE: [] EPF CAT : 35G COMIREX NO: []

25X1
25X1
25X1

AF REPT 660-76 21 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S078612

KIYEV EXPLOSIVES SIMULATION FACILITY SEARCH UR 5026 N 03030 E
 WAC NO : 0233 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 35G COMIREX NO: []
 MOSKVA EXPLOSIVES SIMULATION FACILITY SEARCH UR 5545 N 03740 E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 35G COMIREX NO: []
 NOVOSIBIRSK EXPLOSIVES SIMULATION FACIL SRCH UR 5502 N 08255 E
 WAC NO : 0162 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 35G COMIREX NO: []

AF REPT 662-76 14 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078613

MISSILES, ASM + CRATE ANALYSIS UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: []

25X1
25X1

AF REPT 666-76 04 OCT 76 [] SEC CLASS: 13 MSN: [] 8P ACCN: S078614

TYURATAM MTC ICBM SITE V4 TYPE 3H SILO UR 460325N 0630154E
 WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 6-T1
 IDHS CODE: [] EPF CAT : 40A COMIREX NO: []

25X1
25X1
25X1

THIS REPORT PROVIDES A DETAILED PHOTOGRAPHIC AND MENSURAL ANALYSIS OF THE CONSTRUCTION SEQUENCE AND ASSEMBLY OF THE POSSIBLE TYPE III-H SILO PROTOTYPE VARIANT AT TYURATAM ICBM LAUNCH TEST SITE V4. THE ANALYSIS WAS BASED ON PHOTOGRAPHY FROM DECEMBER 1974 THROUGH MAY 1976. THE REPORT IS SUPPLEMENTED BY DRAWING 76C4528.*

AF REPT 673-76 03 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078615

MOSKVA/RAMENSKOYE AIRFIELD TOWER INSTL U/I UR 553405N 0380712E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 50-A1
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1
25X1

AN U/I TOWER INSTALLATION, INITIALLY OBSERVED [] IS LOCATED AT THE SE END OF MOSCOW/RAMENSKOYE AIRFIELD BETWEEN THE MAIN RUNWAY AND PARALLEL TAXIWAY, APPROXIMATELY 1020 METERS SSE OF THE MAIN RUNWAY REFERENCE POINT. THE INSTALLATION CONSISTED OF A CONTROL BUILDING, AN U/I VERTICAL

1337
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

CYLINDER, TWO SMALL FUNCTIONALLY U/I RECTANGULAR BUILDINGS, AND A TAPERED LATTICED TOWER. BOTH SMALL U/I BUILDINGS AND THE TAPERED TOWER WERE SUBSEQUENTLY RAZED.

25X1

AF REPT 676-76 07 OCT 76 [] SEC CLASS: 13 MSN: 2P ACCN: S078616 25X1

ELECTRONICS, ICBM TYPE 3X GUIDANCE EQUIP SRCH UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

AF REPT 677-76 19 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078617 25X1

AIRCRAFT, KASP A/D-30 ENGINE COMPARISON UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05B COMIREX NO:

25X1

AF REPT 679-76 29 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078618 25X1

UKA/KAMCHATKA HEN EGG IMPACT TRACKING FACIL A UR 575615N 1620120E
WAC NO : 0132 BE/OBJ NO: NPIC NO : - 17-A1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1

THIS REPORT PROVIDES A DETAILED PHOTO ANALYSIS OF THE UKA HEN EGG/KAMCHATKA IMPACT TRACKING FACILITY A. IT UPDATES PARAGRAPH 2.A (1) OF PAR 75-542 AND SUPERCEDES DRAWING 70C6565/3. NO NEW COMMUNICATIONS OR INSTRUMENTATION FACILITIES WERE IDENTIFIED WITHIN A 3 NAUTICAL MILE AREA OF THE TRACKING FACILITY.*

AF REPT 681-76 18 OCT 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078619 25X1

TYURATAM MTC GUIDANCE RELATED FACILITIES UR 455637N 0632755E
WAC NO : 0246 BE/OBJ NO: NPIC NO : - 6
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1

THE STATUS OF THE BASELINE ELECTRONICS AT SELECTED TYURATAM MISSILE/SPACE TEST CENTER LAUNCH SITES REMAINS THE SAME AS REPORTED IN PARAGRAPH 2A OF PAR 75-639. ALL THE BASELINE ELECTRONICS APPEAR ABANDONED.*

AF REPT 683-76 15 OCT 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S078620 25X1

SHUANGCHENG TZU MTC ICBM SITE B1/2 CH 411828N 1001854E
WAC NO : 0287 BE/OBJ NO: NPIC NO : - 1-N
IDHS CODE: [] EPF CAT : 40A COMIREX NO: []

25X1
25X1

THIS REPORT PROVIDES A DETAILED ANALYSIS OF THE CONSTRUCTION ACTIVITY OBSERVED AT LAUNCH SITE B1/2, SHUANGCHENG TZU MTC. ANNOTATIONS ARE KEYED TO DRAWING 73D6525.*

25X1

1338
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF REPT 686-76 01 NOV 76 [] SEC CLASS: 13 MSN: 3P ACCN: S078621 25X1
 PLESETSK MTC GUIDANCE RELATED FACILITIES UR 625746N 0402346E 25X1
 WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 27 25X1
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: [] 25X1

AF REPT 687-76 21 OCT 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078622 25X1
 INING RADAR FACILITY SEARCH CH 4349 N 08131 E
 WAC NO : 0329 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 25A COMIREX NO: []

AF ENDR A4529-76 08 OCT 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S078623 25X1
 AIRCRAFT, KASP A ENGINE UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 05B COMIREX NO: []

AF ENDR B4513-1-75 21 SEP 76 [] SEC CLASS: 13 MSN: 1P ACCN: S078624 25X1
 MAKAT ASM IMPACT AREA CRATERS UR 480600N 0534400E 25X1
 WAC NO : 0236 BE/OBJ NO: [] NPIC NO : - 25-A 25X1
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1

AF ENDR C4526-76 09 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S078625 25X1
 CHIENSHUI SSM COMPLEX CH 233805N 1025030E 25X1
 WAC NO : 0616 BE/OBJ NO: [] NPIC NO : - 517-A5 25X1
 IDHS CODE: [] EPF CAT : 40 COMIREX NO: []

AF ENDR C4528-76 01 OCT 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S078626 25X1
 TYURATAM MTC ICBM SITE V4 UR 460325N 0630154E 25X1
 WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 6-T1 25X1
 IDHS CODE: [] EPF CAT : 40A COMIREX NO: []

AF ENDR C6516-76 17 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S078627 25X1
 TEREKTY ASM IMPACT AREA RADAR AREA A CRATERS UR 481515N 0483140E 25X1
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 39-F 25X1
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

1339
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF ENDR D1518-76 27 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07862825X1

SPACE, SL-12/SL-13 COMPARISON UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1

SPACE, MARS PROBE/SL-12 UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1

SPACE, SALYUT-1/SL-13 UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1

SPACE, SL-13/SL-12 COMPARISON UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1

SPACE, LUNA-17 UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1

AF ENDR D3503-1-70 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07862925X1

MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST STAND UR 555420N 0372651E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 48 25X1
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

MOSKVA MISSILE/SPACE PRPLN DEV CTR TEST STAND UR 555420N 0372651E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 48 25X1
 IDHS CODE: [] EPF CAT : 40H COMIREX NO: [] 25X1

AF ENDR D1519-76 27 SEP 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07863025X1

SPACE, SL-12/SL-13 COMPARISON UR
 WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 40H COMIREX NO:

SPACE, SL-13/SL-12 COMPARISON UR
 WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 40H COMIREX NO:

SPACE, SALYUT-4/SL-13 UR
 WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 40H COMIREX NO:

SPACE, VENUS-10/SL-12 UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO:

AF ENDR D4546-1-70 16 JUL 76 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07863125X1

1340
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : - 17-A
 IDHS CODE: EPF CAT : 40E COMIREX NO:
 KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : - 17-A
 IDHS CODE: EPF CAT : 05G COMIREX NO:

25X1
25X1
25X1
25X1
25X1

AF ENDR D6515-76 01 SEP 76 SEC CLASS: 13 MSN: 1P ACCN: S078634
 MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456 UR 555420N 0372651E
 WAC NO : 0167 BE/OBJ NO: NPIC NO : - 48
 IDHS CODE: EPF CAT : 40E COMIREX NO:
 MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456 UR 555420N 0372651E
 WAC NO : 0167 BE/OBJ NO: NPIC NO : - 48
 IDHS CODE: EPF CAT : 40H COMIREX NO:
 AF ENDR D6523-4-71 02 JUL 76 SEC CLASS: 13 MSN: 1P ACCN: S078635
 KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : - 17-A
 IDHS CODE: EPF CAT : 40E COMIREX NO:
 KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : - 17-A
 IDHS CODE: EPF CAT : 05G COMIREX NO:
 AF ENDR D6551-2-69 OCT 76 SEC CLASS: 13 MSN: 1P ACCN: S078636
 DNEPROPETROVSK MISSILE DPC RKT ENG TEST FACIL UR 482601N 0345828E
 WAC NO : 0234 BE/OBJ NO: NPIC NO : - 7-C
 IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1
25X1
25X1
25X1
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25X1
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25X1
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25X1
25X1
25X1

1341
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

AF ENDR E1510-3-75 08 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 1P ACCN: S07863725X1

MISSILES, ICBM TYPE 3F SILO
WAC NO : BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

UR
25X1

AF ENDR E1516-76 25 AUG 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 1P ACCN: S07863825X1

MISSILES, ICBM TYPE 3C/3F SILO CONVERSION
WAC NO : BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

UR
25X1

AF ENDR E1520-76 19 OCT 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 1P ACCN: S07863925X1

AIRCRAFT, KIYEV A
WAC NO : BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

UR
25X1

AF ENDR E3505-1-71 07 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 1P ACCN: S07864025X1

MISSILES, ICBM TYPE 3C LAUNCHER
WAC NO : BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

UR
25X1

[Large Redacted Block]

25X1

AF ENDR E6509-3-73 27 SEP 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 1P ACCN: S07864225X1

WUCHAI MTC
WAC NO : 0382 BE/OBJ NO: [Redacted] CH 384950N 1113620E
IDHS CODE: [Redacted] EPF CAT : 40E NPIC NO : - 77-F
COMIREX NO: [Redacted]

UR
25X1

DIA IIM 5B3-1666-76 23 DEC 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 2P ACCN: S0786425X1

KLIN AIRFIELD AAM STORAGE POTENTIAL UR 562159N 0364405E

25X1

1342
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 27				
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []				
DIA IIM	5B3-1663-76	23 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078644
	RZHEV AIRFIELD AAM STORAGE POTENTIAL			UR	561538N 0342432E		
	WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 50				
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []				
DIA IIM	5B3-1662-76	23 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078645
	BEZHETSK AIRFIELD AAM STORAGE POTENTIAL			UR	574331N 0363856E		
	WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 2				
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []				
DIA IIM	5B3-1661-76	23 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078646
	YAROSLAVL/TUNOSHNOYE AIRFIELD AAM STGE PTNL			UR	573335N 0400916E		
	WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 70-B				
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []				
DIA IIM	5B3-1658-76	23 DEC 76	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078647
	PRAVDINSK AIRFIELD AAM STORAGE POTENTIAL			UR	563119N 0432853E		
	WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 47				
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []				
DIA IIM	5B3-0903-76	20 DEC 76	[]	SEC CLASS: 13	MSN: []	11P	ACCN: S078648
	GHIMBAV AIRCRAFT PLANT ICA			RO	454035N 0253023E		
	WAC NO : 0251	BE/OBJ NO: []	NPIC NO : - 48-B				
	IDHS CODE: []	EPF CAT : 05G	COMIREX NO: []				
NPIC PIR	PIR019-76	DEC 76	[]	SEC CLASS: 25	MSN: []	4P	ACCN: S078649
	MISSILES, SS-16/SS-X-20 CANISTER DMN COMP			NPIC NO :			
	WAC NO :	BE/OBJ NO:	COMIREX NO:				
	IDHS CODE:	EPF CAT : 40A					
	MISSILES, SS-16/SS-X-20 CANISTER DMN COMP			UR			
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 40B	COMIREX NO:				
DIA NBRG	NDA06-5011-77	06 DEC 76		SEC CLASS: 05B	MSN: []	1P	ACCN: S078650

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25X1

25X1
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25X1
25X1

1343

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SEVEROMORSK NAVAL FACILITIES APPROACHES UR 6905 N 03325 E
WAC NO : 0051 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5012-77 06 DEC 76 SEC CLASS: 05B MSN: 1P ACCN: S078651

SEVEROMORSK NAVAL BASE UR 690443N 0332617E
WAC NO : 0051 BE/OBJ NO: NPIC NO : - 12-6
IDHS CODE: EPF CAT : 75B COMIREX NO:

25X1
25X1

25X1

ARMY BIIR RAC24-0006-76 NOV 76 SEC CLASS: 25A MSN: 31P ACCN: S078651

ELECTRONICS, ODD LOT/ODD LOT VARIANT RADARS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

25X1

THE ODD LOT AND THE ODD LOT VARIANT ARE MOBILE HEIGHT-FINDER/RANGE AND AZIMUTH RADARS WHICH HAVE BEEN DISPLAYED AT AIR WARNING FACILITIES, AS WELL AS AT SURFACE-TO-AIR MISSILE (SAM) (CSA-1) SITES WITHIN THE PEOPLES REPUBLIC OF CHINA (PRC).

THIS BIIR PROVIDES A PHYSICAL DESCRIPTION, DETAILED PERSPECTIVE DRAWINGS, ORTHOGRAPHIC DRAWINGS, TRENDS AND EXAMPLES OF DEPLOYMENT, AND IMAGERY INTERPRETATION COMMENTS ON BOTH RADARS. INFORMATION USED FOR THE PRODUCTION OF THIS REPORT HAS AN INTELLIGENCE CUTOFF DATE OF OCTOBER 1976.

ARMY BIIR RAC24-5001-77 NOV 76 SEC CLASS: 00 MSN: 11P ACCN: S078654

MILITARY, M-1967 APC CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1

THIS REPORT UPDATES BIIR (RAC-24/5003/74) TITLED, 'CHICOM AFV M-1967,' PRODUCED BY USAIIC IN SEPTEMBER

1344
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

1973. THIS BIIR INCLUDES NUMEROUS NEWLY ACQUIRED GROUND PHOTOGRAPHS WHILE THE TEXT REFLECTS LITTLE CHANGE. BOTH THE 1973 BIIR AND THIS BIIR CONTAIN A DETAILED DESCRIPTION OF THE CHICOM AFV M-1967--THE FIRST TRACKED ARMORED PERSONNEL CARRIER (APC) KNOWN TO BE PRODUCED BY THE PEOPLE'S REPUBLIC OF CHINA. CONSIDERED TO BE STANDARD ISSUE TO PRC GROUND FORCES, THE APC HAS BEEN EXPORTED TO SEVERAL COUNTRIES. INFORMATION CONTAINED IN THIS REPORT WAS DERIVED FROM SELECTED GROUND IMAGERY AND INTELLIGENCE REPORTS. THE REPORT CONTAINS ANNOTATED PHOTOGRAPHS, A PHYSICAL DESCRIPTION, A FUNCTIONAL DESCRIPTION, A LINE DRAWING WITH DIMENSIONS, AND A REFERENCE SECTION. DATA ARE CURRENT AS OF SEPTEMBER 1976.

NPIC NBRG	NCA07-5010-76	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078655
	BREST ARMY BARRACKS SE AL2		UR 520328N 0234433E		
	WAC NO : 0168	BE/OBJ NO: []	NPIC NO : - 14-M		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
NPIC NBRG	NCA07-5011-76	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078656
	RAVA RUSSKAYA ARMY BARRACKS SOUTH AL1		UR 501325N 0233750E		
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 301		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
NPIC NBRG	NCA07-5012-76	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078657
	YAVOROV ARMY BARRACKS AL2 + SAM SUPPORT FACIL		UR 495530N 0232255E		
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 211-A1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
	YAVOROV ARMY BARRACKS AL2 + SAM SUPPORT FACIL		UR 495530N 0232255E		
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 211-A1		25X1
	IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []		25X1
NPIC NBRG	NCA07-5013-76	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078658
	LVOV ARMY BARRACKS AL3		UR 494859N 0240105E		
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 95-L		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
NPIC NBRG	NCA07-5014-76	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078659
	GLIWICE ARMY BARRACKS LUDENDORF 1		PL 501802N 0183818E		
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 42-B		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
NPIC NBRG	NCA07-5015-76	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078660

25X1

1345
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

KYBARTAI ARMY BARRACKS AL1

WAC NO : 0168 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 35A

UR 543836N 0224405E
NPIC NO : - 141-A
COMIREX NO: []

25X1
225X1

NPIC NBRG NCA07-5016-76 14 DEC 76

SEC CLASS: 05B MSN: 1P

ACCN: S078661

OVRUCH ARMY BARRACKS AL1/HEADQUARTERS TK DIV

WAC NO : 0233 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 35A

UR 511947N 0284744E
NPIC NO : - 42-H
COMIREX NO: []

25X1
25X1

NPIC NBRG NCA07-5017-76 14 DEC 76

SEC CLASS: 05B MSN: 1P

ACCN: S078662

MOLODECHNO ARMY BARRACKS VELIKOYE SELO AL1

WAC NO : 0168 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 35A

UR 541914N 0265255E
NPIC NO : - 182
COMIREX NO: []

25X1
25X1

NPIC NBRG NCA07-5018-76 14 DEC 76

SEC CLASS: 05B MSN: 1P

ACCN: S078663

PLZEN ARMY BARRACKS NA SLOVANECH SE 3

WAC NO : 0231 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 35A

CZ 494313N 0132423E
NPIC NO : - 136-T
COMIREX NO: []

25X1
25X1
25X1

NPIC NBRG NCA07-5019-76 14 DEC 76

SEC CLASS: 05B MSN: 1P

ACCN: S078664

POLOTSK ARMY BARRACKS BOROVUKHA AL5

WAC NO : 0168 BE/OBJ NO: []
IDHS CODE: [] EPF CAT : 35A

UR 553515N 0283634E
NPIC NO : - 102
COMIREX NO: []

25X1
25X1
25X1

1346
TOP SECRET CHESS RUFF

25X1

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TOP SECRET CHESS RUFF

[Redacted]

25X1

[Large Redacted Area]

25X1

DIA NBRG NDA07-5056-77 14 DEC 76 SEC CLASS: 05B MSN: 1P ACCN: S078676

SARATOV ARMY BARRACKS NORTH AL3 UR 513420N 0460056E

WAC NO : 0235 BE/OBJ NO: [Redacted] NPIC NO : - 14-1

IDHS CODE: [Redacted] EPF CAT : 35A COMIREX NO: [Redacted]

DIA NBRG NDA07-5057-77 14 DEC 76 SEC CLASS: 05B MSN: 1P ACCN: S078677

PORT ILICH ARMY BARRACKS SSE AL1 UR 385206N 0484847E

WAC NO : 0339 BE/OBJ NO: [Redacted] NPIC NO : - 6-B

IDHS CODE: [Redacted] EPF CAT : 35A COMIREX NO: [Redacted]

25X1

25X1

25X1

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25X1

1348
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

25X1
25X1

DIA	NBRG	NDA07-5058-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078678
		KYVRAKH ARMY BARRACKS AL1		UR 392353N 0450659E		
		WAC NO : 0340	BE/OBJ NO: []	NPIC NO : - 23		
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1 25X1 25X1
DIA	NBRG	NDA07-5059-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078679
		PRISHIB ARMY BARRACKS WSW AL2		UR 390640N 0483415E		
		WAC NO : 0339	BE/OBJ NO: []	NPIC NO : - 29-A		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5060-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078680
		LENKORAN ARMY BARRACKS SE AL3		UR 384525N 0485143E		
		WAC NO : 0339	BE/OBJ NO: []	NPIC NO : - 7-B1		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1 25X1
DIA	NBRG	NDA07-5061-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078681
		LENKORAN ARMY BARRACKS AL2		UR 384455N 0485135E		
		WAC NO : 0339	BE/OBJ NO: []	NPIC NO : - 7-B6		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA	NBRG	NDA07-5062-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078682
		GORI ARMY BARRACKS NE AL1		UR 415922N 0440727E		
		WAC NO : 0325	BE/OBJ NO: []	NPIC NO : - 20-B		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1 25X1
DIA	NBRG	NDA07-5052-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078683
		FRUNZE ARMY BARRACKS AL4		UR 425350N 0743415E		
		WAC NO : 0328	BE/OBJ NO: []	NPIC NO : - 15-0		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1 25X1
DIA	NBRG	NDA07-5053-77	14 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078684
		VYACHESLAVKA ARMY BARRACKS AL1		UR 510018N 0720513E		
		WAC NO : 0238	BE/OBJ NO: []	NPIC NO : - 59-A		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1

25X1
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25X1

1349
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF



25X1

DIA NBRG NDA07-5054-77 14 DEC 76

SEC CLASS: 05B MSN:

1P

ACCN: S078685

TEMIR TAU ARMY BARRACKS WEST AL2

UR 500305N 0725445E

WAC NO : 0238

BE/OBJ NO: [Redacted]

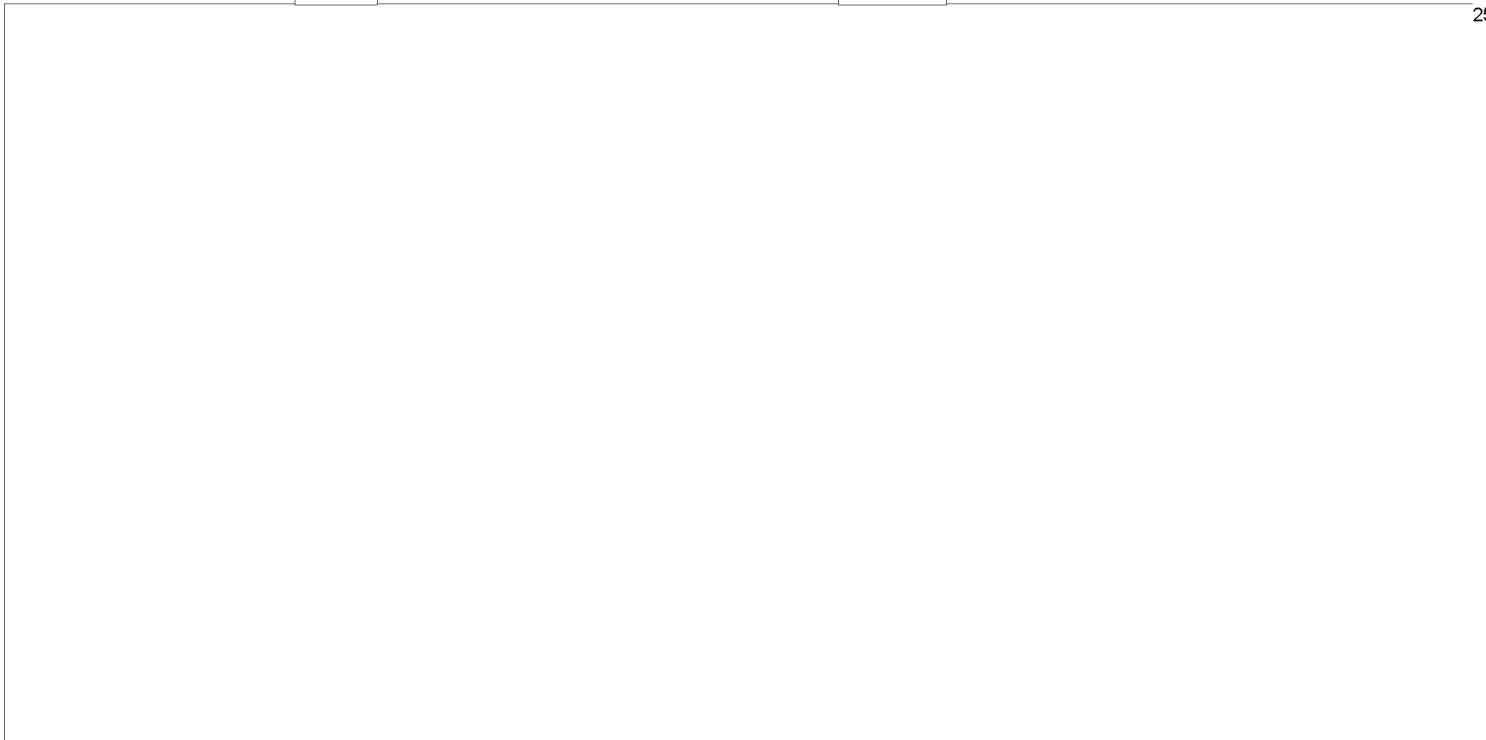
NPIC NO : - 6-B3

IDHS CODE: [Redacted]

EPF CAT : 35A

COMIREX NO: [Redacted]

25X1
25X1
25X1



1350
TOP SECRET CHESS RUFF



25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X15X1

[Large Redacted Area]

25X1

DIA IIM 5B3-1660-76 03 JAN 77

[Redacted]

SEC CLASS: 13

MSN:

[Redacted]

16P

ACCN: S078693

25X1

AIRCRAFT: BEAR F TU-95 PRODUCTION/DEPLOYMENT
WAC NO :

BE/OBJ NO:

UR

NPIC NO :

1351

TOP SECRET CHESS RUFF

[Redacted]

25X1



TOP SECRET CHESS RUFF



25X1

IDHS CODE: EPF CAT : 05 COMIREX NO:
 DIA IIM 5B3-1530-76 30 DEC 76 [] SEC CLASS: 13 MSN: [] 17P ACCN: S07869425X1

WARSZAWA AIRCRAFT REPAIR BASE KOLO PL 521520N 0205510E
 WAC NO : 0169 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 05F COMIREX NO:

25X1
25X1

DIA IIM 5B3-1672-76 30 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07869525X1

BUCURESTI AIRFRAME PLANT BANEASA IAR RO 443011N 0260550E
 WAC NO : 0251 BE/OBJ NO: [] NPIC NO : - 15-E1
 IDHS CODE: [] EPF CAT : 05G COMIREX NO:

25X1
25X1



DIA IIM 5B3-1634-76 30 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07869525X1

MOSNOV AIR AMMUNITION DEPOT 504 CZ 493912N 0180612E
 WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 35F COMIREX NO:

25X1
25X1



DIA IIM 5B3-1701-76 03 JAN 77 [] SEC CLASS: 13 MSN: [] 6P ACCN: S07869525X1

WARSZAWA AIR FORCE DEPOT KOLO PL 521525N 0205622E
 WAC NO : 0169 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 05F COMIREX NO:

25X1
25X1



25X1

1352
 TOP SECRET CHESS RUFF



25X1

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TOP SECRET CHESS RUFF

25X1

25X1

NPIC BRAD Z1220-76 01 DEC 76 SEC CLASS: 05 MSN: 2P ACCN: S078800

BIEDRUSKO MILITARY TRNG AREA	CP ACT SHIELD 76	PL 523245N 0165410E
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 109-F1
IDHS CODE: []	EPF CAT : 35B	COMIREX NO: []
BIEDRUSKO MILITARY TRNG AREA	CP ACT SHIELD 76	PL 523245N 0165410E
WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 109-F1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []

25X1

25X1

25X1

25X1

25X1

ON PHOTOGRAPHY [] A POLISH MOBILE COMMAND POST WAS SEEN IN THREE SEPARATE AREAS IN THE VICINITY OF BIEDRUSKO TRAINING AREA 404. THIS IS THE SECOND COMMAND POST TO BE IDENTIFIED WITH THE ''SHIELD 76'' EXERCISE.*

NPIC BRAD Z1221-76 20 DEC 76 SEC CLASS: 05 MSN: 2P ACCN: S078801

KUNMING ARMY BARRACKS AL6/DPO	ARMED REGT IDENT	CH 250151N 1025215E
WAC NO : 0496	BE/OBJ NO: []	NPIC NO : - 11-P
IDHS CODE: []	EPF CAT : 35F	COMIREX NO: []
KUNMING ARMY BARRACKS AL6/DPO	ARMED REGT IDENT	CH 250151N 1025215E
WAC NO : 0496	BE/OBJ NO: []	NPIC NO : - 11-P
IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []

25X1

25X1

25X1

25X1

25X1

ON PHOTOGRAPHY [] 17 TANKS, EIGHT PROBABLE TANKS, AND TEN SU-76 ASSAULT GUNS WERE OBSERVED IN AN AREA THAT IS UNDER CONSTRUCTION ABOUT 1.1 NM SOUTHEAST OF KUN-MING ARMY BARRACKS AND STORAGE DEPOT AL-6. THIS IS THE FIRST ARMORED UNIT CONFIRMED IN THE KUN-MING MILITARY REGION.*

1366 - TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

NPIC BRAD [] 30 NOV 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078802 25X1

NOVOSIBIRSK ARMY BKS AL7 TAC ROADWAY BRG NEW UR 550740N 0825440E
 WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - 7-F5 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
 NOVOSIBIRSK ARMY BKS AL7 TAC ROADWAY BRG NEW UR 550740N 0825440E
 WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - 7-F5 25X1
 IDHS CODE: [] EPF CAT : 85A COMIREX NO: [] 25X1
 TSELINOGRAD ARMY BKS AL1 TAC ROADWAY BRG NEW UR 511052N 0712313E
 WAC NO : 0238 BE/OBJ NO: [] NPIC NO : - 1-A2 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
 TSELINOGRAD ARMY BKS AL1 TAC ROADWAY BRG NEW UR 511052N 0712313E
 WAC NO : 0238 BE/OBJ NO: [] NPIC NO : - 1-A2 25X1
 IDHS CODE: [] EPF CAT : 85A COMIREX NO: [] 25X1

[] A NEW TACTICAL ROADWAY BRIDGE WAS IDENTIFIED AT NOVOSIBIRSK ARMY BARRACKS NORTH AL-7. THIS IS THE FIRST IDENTIFICATION OF A TACTICAL ROADWAY IN THE SOVIET UNION.*

NPIC BRAD [] 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078803 25X1

BIEDRUSKO MILITARY TRNG AREA CP ACT SHIELD 76 PL 523245N 0165410E
 WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 109-F1 25X1
 IDHS CODE: [] EPF CAT : 35B COMIREX NO: [] 25X1
 BIEDRUSKO MILITARY TRNG AREA CP ACT SHIELD 76 PL 523245N 0165410E
 WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 109-F1 25X1
 IDHS CODE: [] EPF CAT : 25D COMIREX NO: [] 25X1

THE LACK OF VEHICLES AND THE TRACK ACTIVITY WITHIN THE TWO COMMAND POST AREAS AT BIEDRUSKO TRAINING AREA 404 [] INDICATES THAT SHIELD 76 EXERCISES HAVE PROBABLY ENDED.*

NPIC BRAD [] 01 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078804 25X1

SIAULIAI MILITARY TRAINING AREA FACILITY U/I UR 560321N 0232048E
 WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 171-A2 25X1
 IDHS CODE: [] EPF CAT : 35B COMIREX NO: [] 25X1

ON PHOTOGRAPHY [] A MILITARY TRAINING FACILITY OF AN UNDETERMINED TYPE WAS OBSERVED IN THE BALTIC MILITARY DISTRICT AT SIAULIAI TRAINING AREA.*

NPIC BRAD [] 03 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078805 25X1

IVANKOVSKIY GUIDED MISSILE PLANT ASM CRT POSS UR 564521N 0370700E

1367
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

WAC NO : 0154 BE/OBJ NO: [Redacted] NPIC NO : - 18-A
 IDHS CODE: [Redacted] EPF CAT : 40J COMIREX NO: [Redacted]
 MISSILES, ASM/AS-9 ASSOC CRATE NEW POS5 UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1
25X1

A NEW PROBABLE MISSILE SHIPPING CRATE OBSERVED AT IVANKOVSKIY GUIDED MISSILE PLANT [Redacted]
 [Redacted] MAY BE FOR A NEW AIR-TO-SURFACE MISSILE OR A MODIFIED AS-9.*

25X1
25X1

NPIC BRAD [Redacted] 09 DEC 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 2P ACCN: S078806

25X1

KIYEV AIRCRAFT CMPNT/MSL PROD PLT AA-7 CONTS UR 502740N 0302910E
 WAC NO : 0233 BE/OBJ NO: [Redacted] NPIC NO : - 29-D1
 IDHS CODE: [Redacted] EPF CAT : 05G COMIREX NO:
 KIYEV AIRCRAFT CMPNT/MSL PROD PLT AA-7 CONTS UR 502740N 0302910E
 WAC NO : 0233 BE/OBJ NO: [Redacted] NPIC NO : - 29-D1
 IDHS CODE: [Redacted] EPF CAT : 40J COMIREX NO:
 MISSILES, AA-7 SHIPPING CONTAINERS PROB UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1
25X1
25X1
25X1
25X1

PROBABLE AA-7 (APEX) MISSILE SHIPPING CONTAINERS WERE IDENTIFIED FOR THE FIRST TIME AT KIEV AIRCRAFT COMPONENT AND MISSILE PRODUCTION PLANT 485. THE PRESENCE OF THE CONTAINERS INDICATED THAT PLANT 485 MAY BE PRODUCING THE AA-7 MISSILE.

25X1

[Redacted]

NPIC BRAD [Redacted] 22 DEC 76 [Redacted] SEC CLASS: 13 MSN: [Redacted] 3P ACCN: S078806

25X1

SARY SHAGAN MTC COMPLEX B ABM SILO SEGMENTS UR 460106N 0722804E
 WAC NO : 0245 BE/OBJ NO: [Redacted] NPIC NO : - 50-B
 IDHS CODE: [Redacted] EPF CAT : 40D COMIREX NO: [Redacted]
 SARY SHAGAN MTC COMPLEX F ABM SILO SEGMENTS UR 462629N 0725108E
 WAC NO : 0245 BE/OBJ NO: [Redacted] NPIC NO : - 49-B6

25X1
25X1
25X1

1368
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 40D COMIREX NO: []

25X1
25X1

SILO WALL SEGMENTS SEEN AT LAUNCH COMPLEXES B + F, SARY SHAGAN MISSILE TEST CENTER, CONFIRM THE CONSTRUCTION OF MISSILE LAUNCH SILOS FOR THE ABM TEST PROGRAM.*

NPIC BRAD [] 22 DEC 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078809 25X1

LONING ICBM SITE 1 SILO PROB U/C CH 342136N 1115037E
WAC NO : 0385 BE/OBJ NO: [] NPIC NO : - 76-E
IDHS CODE: [] EPF CAT : 40A COMIREX NO: []
LONING ICBM SITE 2 SILO PROB U/C CH 341713N 1113738E
WAC NO : 0385 BE/OBJ NO: [] NPIC NO : - 76-C2
IDHS CODE: [] EPF CAT : 40A COMIREX NO: []

25X1
25X1
25X1
25X1

TWO PROBABLE ICBM SILO LAUNCH SITES NEAR LO-NING WERE IDENTIFIED IN AN EARLY STAGE OF CONSTRUCTION ON PHOTOGRAPHY [] THE ASSOCIATED MISSILE SYSTEM CANNOT BE CONFIRMED BUT IS COMPATIBLE WITH EITHER OF CHINA'S TWO ICBMS, THE CSS-3 OR THE CSS-X-4.*

25X1

NPIC BRAD [] 20 DEC 76 [] SEC CLASS: 13 MSN: [] 2P ACCN: S078810 25X1

KUNMING ARMY BARRACKS AL6/DPO ARMD REGT IDENT CH 250151N 1025215E
WAC NO : 0496 BE/OBJ NO: [] NPIC NO : - 11-P
IDHS CODE: [] EPF CAT : 35F COMIREX NO: []
KUNMING ARMY BARRACKS AL6/DPO ARMD REGT IDENT CH 250151N 1025215E
WAC NO : 0496 BE/OBJ NO: [] NPIC NO : - 11-P
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1
25X1

THE FIRST ARMORED UNIT, A TANK/ASSAULT GUN REGIMENT, IN THE KUNMING MILITARY REGION WAS CONFIRMED ON PHOTOGRAPHY []

25X1
25X1

DIA IIM 5B3-52026-77 JAN 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S078812 25X1

LECZYCA AIR AMMUNITION STORAGE FACILITY PL 520025N 0190306E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : []

25X1

1369
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: [] EPF CAT : 35F COMIREX NO:

25X1

DIA IIM 5B3-52010-77 10 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078813 25X1

BORZYA AIRFIELD

WAC NO : 0202

BE/OBJ NO: []

UR 502153N 1162639E

NPIC NO : - 3-B

IDHS CODE: []

EPF CAT : 05A

COMIREX NO:

25X1

25X1

DIA IIM 5B3-52006-77 10 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078814 25X1

KAMIEN AIR AMMUNITION STORAGE FACILITY 501

WAC NO : 0169

BE/OBJ NO: []

PL 535710N 0144600E

NPIC NO :

IDHS CODE: []

EPF CAT : 35F

COMIREX NO:

25X1

25X1

DIA IIM 5B3-52014-77 10 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078815 25X1

DOBRANY AIRCRAFT REPAIR BASE

WAC NO : 0231

BE/OBJ NO: []

CZ 494028N 0131620E

NPIC NO :

IDHS CODE: []

EPF CAT : 05F

COMIREX NO:

25X1

25X1

DIA IIM 5B3-52011-77 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078816 25X1

LUCHKI AIRFIELD

WAC NO : 0282

BE/OBJ NO: []

UR 441253N 1321231E

NPIC NO : - 29

IDHS CODE: []

EPF CAT : 05A

COMIREX NO: []

25X1

25X1

DIA IIM 5B3-52015-77 JAN 77 [] SEC CLASS: 13 MSN: [] 4P

ACCN: S078817 25X1

CESKE BUDEJOVICE AIRCRAFT REPAIR BASE

WAC NO : 0231

BE/OBJ NO: []

CZ 485638N 0142640E

NPIC NO :

IDHS CODE: []

EPF CAT : 05F

COMIREX NO:

25X1

25X1

DIA IIM 5B3-52028-77 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078818 25X1

SAYAK AIRFIELD SOUTH

WAC NO : 0244

BE/OBJ NO: []

UR 465303N 0772322E

NPIC NO : - 34-A2

IDHS CODE: []

EPF CAT : 05A

COMIREX NO:

25X1

25X1

DIA IIM 5B3-52007-77 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S078819 25X1

SPASSK DALNIY AIRFIELD AIRCRAFT RPR FACS SRCH

WAC NO : 0282

BE/OBJ NO: []

UR 443506N 1325021E

NPIC NO : - 48-A

IDHS CODE: []

EPF CAT : 05A

COMIREX NO: []

25X1

25X1.1

1370

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25A1

				SPASSK DALNIY AIRFIELD AIRCRAFT RPR FACS SRCH	UR	443506N 1325021E		
				WAC NO : 0282	BE/OBJ NO:		NPIC NO : - 48-A	
				IDHS CODE: []	EPF CAT : 05F		COMIREX NO: []	25X1
DIA	IIM	5B3-52031-77	JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078820 25X1
				PERM/BOLSHEVASINO AIRFIELD AAM STORAGE PTNTL	UR	575458N 0560130E		
				WAC NO : 0156	BE/OBJ NO:		NPIC NO : - 16-K	25X1
				IDHS CODE: []	EPF CAT : 05I		COMIREX NO: []	25X1
DIA	IIM	5B3-52008-77	JAN 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S078821 25X1
				UGLOVOYE AIRFIELD NW AIRCRAFT REPAIR FAC SRCH	UR	432044N 1320335E		
				WAC NO : 0291	BE/OBJ NO:		NPIC NO : - 43	25X1
				IDHS CODE: []	EPF CAT : 05A		COMIREX NO: []	25X1
				UGLOVOYE AIRFIELD NW AIRCRAFT REPAIR FAC SRCH	UR	432044N 1320335E		
				WAC NO : 0291	BE/OBJ NO:		NPIC NO : - 43	25X1
				IDHS CODE: []	EPF CAT : 05F		COMIREX NO: []	25X1
DIA	IIM	5B3-52036-77	JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078822 25X1
				NIZHNIY TAGIL AIRFIELD NE AAM STORAGE PTNTL	UR	575916N 0601354E		
				WAC NO : 0156	BE/OBJ NO:		NPIC NO : - 17-D	25X1
				IDHS CODE: []	EPF CAT : 05I		COMIREX NO: []	25X1
DIA	IIM	5B3-52030-77	10 JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078823 25X1
				YOSHKAR OLA AIRFIELD AAM STORAGE POTENTIAL	UR	563936N 0480159E		
				WAC NO : 0155	BE/OBJ NO:		NPIC NO : - 15-B	25X1
				IDHS CODE: []	EPF CAT : 05I		COMIREX NO: []	25X1
DIA	IIM	5B2-01594-77	JAN 77	[]	SEC CLASS: 14B	MSN: []	24P	ACCN: S078824 25X1
				GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	680418N 0392833E		
				WAC NO : 0051	BE/OBJ NO:		NPIC NO : - 38-A	25X1
				IDHS CODE: []	EPF CAT : 75B		COMIREX NO: []	25X1
				GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	680418N 0392833E		
				WAC NO : 0051	BE/OBJ NO:		NPIC NO : - 38-A	25X1
				IDHS CODE: []	EPF CAT : 75E		COMIREX NO: []	25X1
NPIC	MEMO	[]	11 JAN 77	[]	SEC CLASS: 14B	MSN: []	2P	ACCN: S078825 25X1
				KRASAVINO RADIO RELAY STATION IDENTIFICATION	UR	605558N 0462616E		

1371
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

WAC NO : 0101 BE/OBJ NO: [] NPIC NO : - 54
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:
 GALUZINO RADIO RELAY STATION WSW UR 604341N 0460326E
 WAC NO : 0101 BE/OBJ NO: [] NPIC NO : - 59
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1
25X1
25X1

NPIC MEMO [] 06 JAN 77 [] SEC CLASS: 14B MSN: 2P

ACCN: S07882

MOSKVA RADIO RELAY STATIONS UR 5547 N 03737 E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:

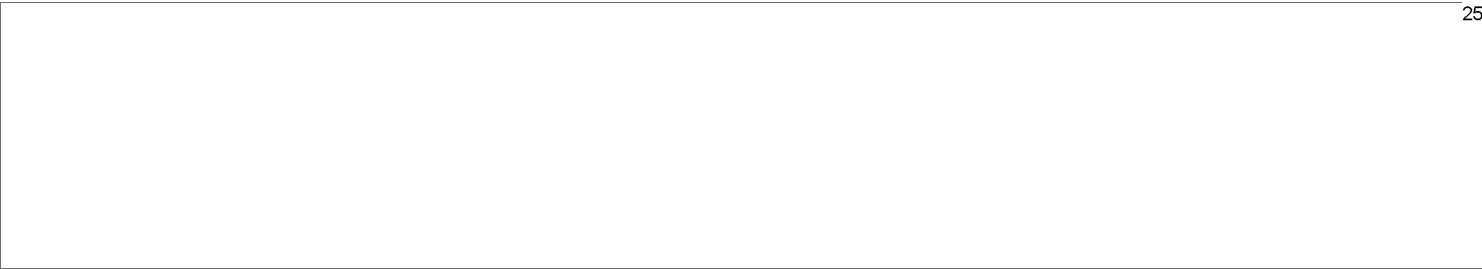
25X1

NPIC MEMO [] 11 JAN 77 [] SEC CLASS: 14B MSN: [] 1P

ACCN: S07882

PERM/KUNGUR RADIO RELAY LINE SEARCH UR 5801 N 05618 E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:
 KUNGUR/PERM RADIO RELAY LINE SEARCH UR 572640N 0565824E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 14-A2
 IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1



ARMY NOTE 10-76 OCT 76 [] SEC CLASS: 25 MSN: 19P

ACCN: S07882

MILITARY, CHINA-USSR-MONGOLIA BORDER SOV ACT CH
 WAC NO : [] BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 35 COMIREX NO:
 MILITARY, USSR-CHINA-MONGOLIA BORDER SOV ACT UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 35 COMIREX NO:

25X1

1372
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

25X1
25X1

MILITARY, MONGOLIA-USSR-CHINA BORDER SOV ACT	MG	NPIC NO :	
WAC NO :	BE/OBJ NO:	COMIREX NO:	
IDHS CODE:	EPF CAT : 35	UR 450000N 0782030E	
TALDY KURGAN ARMY BARRACKS AL2		NPIC NO : - 9-n	
WAC NO : 0244	BE/OBJ NO: []	COMIREX NO: []	
IDHS CODE: []	EPF CAT : 35A	UR 502055N 1062621E	
KYAKHTA ARMY BARRACKS SOUTH AL1 + HQ TANK DIV		NPIC NO : - 5-B	
WAC NO : 0201	BE/OBJ NO: []	COMIREX NO: []	
IDHS CODE: []	EPF CAT : 35A	MG 445345N 1100605E	
SAYNSHAND ARMY BARRACKS AL2		NPIC NO : - 18-A1	
WAC NO : 0285	BE/OBJ NO: []	COMIREX NO: []	
IDHS CODE: []	EPF CAT : 35A	MG 480333N 1143755E	
CHOYBALSAN ARMY BARRACKS AL5 + HQ TANK DIV		NPIC NO : - 51-R7	
WAC NO : 0201	BE/OBJ NO: []	COMIREX NO: []	
IDHS CODE: []	EPF CAT : 35A	UR 444854N 1320218E	
TROITSKOYE ARMY BARRACKS AL1 SA-8 REGIMENT		NPIC NO : - 69	
WAC NO : 0282	BE/OBJ NO: []	COMIREX NO: []	
IDHS CODE: []	EPF CAT : 35A		

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

THIS INTELLIGENCE BRIEFING NOTE PRESENTS THE RESULTS OF A STUDY THAT EXAMINED PHYSICAL CHANGES AT 33 SOVIET ARMY INSTALLATIONS LOCATED ALONG THE SINO-SOVIET AND THE SINO-MONGOLIAN BORDERS. THESE INSTALLATIONS ARE REPRESENTATIVE OF THE 213 TROOP INSTALLATIONS WHICH SUPPORT 40 SOVIET LINE DIVISIONS AND ARMY-LEVEL ELEMENTS IN THOSE REGIONS. THE DATA OBTAINED WERE USED TO DETERMINE CONSTRUCTION LEVELS, CONSTRUCTION COSTS, AND TO MONITOR UNIT/EQUIPMENT UPGRADING DURING THE 10-YEAR PERIOD 1966 TO 1976. RESULTS SHOW THAT THE NUMBER OF BUILDINGS IN THE MAJOR CONSTRUCTION CATEGORIES (VEHICLE STORAGE BUILDINGS, BARRACKS, AND STORAGE/SUPPORT BUILDINGS) INCREASED OVER 100% DURING THE PAST 10 YEARS, WITH NEW CONSTRUCTION CONCENTRATED IN THE 1968 TO 1972 TIME PERIOD. THE TOTAL COST OF MAJOR CONSTRUCTION AT THE 33 INSTALLATIONS IS ESTIMATED AT 168 MILLION DOLLARS. THESE CONSTRUCTION LEVELS WERE ACCOMPANIED BY A PARALLEL STRENGTH INCREASE IN DIVISION AND ARMY LEVEL ELEMENTS. SINCE 1972 THE SOVIET EMPHASIS HAS BEEN ON EQUIPMENT MODERNIZATION AND CORRESPONDING TABLE OF ORGANIZATION AND EQUIPMENT (TOE) CHANGES THAT HAVE PROVIDED MORE MOBILITY AND FIREPOWER IN THEIR UNITS ALONG THE BORDERS. IN ORDER TO CONVEY TYPICAL RESULTS, THIS BRIEFING NOTE DISCUSSES IN DETAIL FIVE OF THE 33 INSTALLATIONS STUDIED EMPHASIZING THE NATURE OF CONSTRUCTION DETECTED, THE TYPES OF EQUIPMENT, AND THE UNIT ELEMENTS OBSERVED. HOWEVER, ALL DATA PRESENTED IN THE SUMMARY OF RESULTS SECTION ARE BASED ON THE 33-INSTALLATION SAMPLE.

ARMY NOTE 12-76 OCT 76 SEC CLASS: 05B MSN: 3P ACCN: S078830

MANDALGOVI MILITARY INSTL U/C SOV MRD IDENT	MG 454459N 1061443E
WAC NO : 0286	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 35A
	NPIC NO : - 3-A
	COMIREX NO: []

25X1
25X1

ARMY NOTE 1-77 OCT 76 [] SEC CLASS: 13 MSN: [] 6P ACCN: S078831

25X1

1373
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TARABULUS TALL KING AW RDR FAC SOV EQUIP NEW LY 325130N 0132050E
WAC NO : 0423 BE/OBJ NO: NPIC NO : - 3-H4
IDHS CODE: EPF CAT : 25A COMIREX NO:

25X1
25X1

LIBYA HAS RECEIVED A NEW SHIPMENT OF SOVIET AIR AND EARLY WARNING ELECTRONICS EQUIPMENT, WHICH COULD INCREASE SIGNIFICANTLY LIBYA'S AIR DEFENSE CAPABILITY. THIS EQUIPMENT WAS IDENTIFIED FIRST DURING THE THIRD-PHASE INTERPRETATION

25X1

ARMY NOTE 2-77 OCT 76 SEC CLASS: 05B MSN: 4P ACCN: S078832

BOLSHOY USSURIYSK OSTROV MILITARY ACTIVITY UR 482100N 1345000E
WAC NO : 0204 BE/OBJ NO: NPIC NO : - 202
IDHS CODE: EPF CAT : 35 COMIREX NO:
TARABAROV OSTROV MILITARY ACTIVITY UR 482200N 1343200E
WAC NO : 0204 BE/OBJ NO: NPIC NO : - 103-A
IDHS CODE: EPF CAT : 35 COMIREX NO:

25X1
25X1

A MAJOR SOVIET BUILDUP HAS TAKEN PLACE ON BOLSHOY USSURIYSK AND TARABAROV ISLANDS.*

25X1

ARMY NOTE 3-77 OCT 76 SEC CLASS: 13 MSN: 5P ACCN: S078832

SAYNSHAND AIRFIELD TASM FAC PROB U/C IDENT MG 445400N 1100200E
WAC NO : 0285 BE/OBJ NO: NPIC NO : - 20
IDHS CODE: EPF CAT : 05A COMIREX NO:
SAYNSHAND AIRFIELD TASM FAC PROB U/C IDENT MG 445400N 1100200E
WAC NO : 0285 BE/OBJ NO: NPIC NO : - 20
IDHS CODE: EPF CAT : 40J COMIREX NO:
MISSILES, ASM ASSEMBLY/CHECKOUT BUILDINGS U/C UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1
25X1

25X1
25X1

TWO NEW-TYPE PROBABLE ASM ASSEMBLY/CHECKOUT BUILDINGS WERE OBSERVED UNDER CONSTRUCTION AT SAYNSHAND AIRFIELD. THIS IS THE FIRST SUCH BUILDING TO BE OBSERVED OUTSIDE THE SOVIET UNION AND IS ASSOCIATED WITH THE AS-9 TACTICAL AIR-TO-SURFACE MISSILE.*

25X1

ARMY NOTE 4-77 DEC 76 SEC CLASS: 25B MSN: 6P ACCN: S078832

MILITARY, CHINA-USSR BORDER SOVIET DEF AREAS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:
MILITARY, USSR-CHINA BORDER SOVIET DEF AREAS UR

25X1

1374
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

THE SOVIET UNION CONTINUES TO IMPROVE ITS DEFENSIVE POSTURE ALONG THE SINO-SOVIET BORDER BY EXPANDING A SERIES OF FORTIFIED AREAS ASTRIDE THE STRATEGIC APPROACHES TO THE SOVIET FAR EASTERN REGION AND BY UPGRADING FRONTAL AVIATION UNITS ALONG THE BORDER WITH NEWER AIRCRAFT.

AF BIIR RFB22-0005-77 AUG 76 [] SEC CLASS: 13 MSN [] 10P ACCN: 5078835 25X1

ELECTRONICS, COMSAT ANTENNA 15-METER CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE 15-METER-DIAMETER, PROBABLE COMSAT ANTENNAS LOCATED THROUGHOUT THE PEOPLE'S REPUBLIC OF CHINA. THE REPORT INCLUDES A BASIC DESCRIPTION, AN ENGINEERING DRAWING, AND SELECTED PHOTOGRAPHY.

THE ANTENNA ASSEMBLY CONSISTS OF A 15-METER-DIAMETER, SOLID, PARABOLIC DISH REFLECTOR WITH A CASSEGRAIN FEED SYSTEM. THE REFLECTOR, ATTACHED TO AN ELEVATION-OVER-AZIMUTH MOUNT, IS SUPPORTED BY A TRUNCATED CONICAL BASE WHICH IS OF CONCRETE CONSTRUCTION.

AF BIIR RFB22-5001-77 DEC 76 SEC CLASS: 07 MSN: 9P ACCN: 5078836

MISSILES, AA-7 UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1

THIS REPORT PRESENTS AN ANALYSIS OF THE APEX (AA-7) AIR-TO-AIR MISSILE. THE REPORT CONTAINS A BASIC DESCRIPTION, AN ENGINEERING DRAWING, AND SELECTED PHOTOGRAPHY OF THE MISSILE.

TWO BASIC VARIANTS OF THE APEX AAM HAVE BEEN OBSERVED: THE FIRST EMPLOYS SEMIACTIVE GUIDANCE AND HAS A [] A THIRD VERSION OF APEX HAS BEEN OBSERVED TO BE IDENTICAL TO THE INFRARED HOMING VARIANT, BUT WITH THE EXCEPTION OF AN OGIVE-SHAPED NOSE. PHOTOGRAPHY SUGGESTS THAT THIS VERSION OF APEX MAY BE THE INFRARED HOMING VARIANT FITTED WITH A PROTECTIVE NOSE CAP. THIS OGIVE NOSE VERSION [] AND, LIKE BOTH THE INFRARED AND SEMIACTIVE HOMING VARIANTS, HAS CRUCIFORM WINGS THAT SPAN 1 METER.

25X1

25X1

AF BIIR RFB22-0029-76 JUL 76 [] SEC CLASS: 13 MSN: [] 30P ACCN: 5078837 25X1

MISSILES, ICBM TYPE 3-6 LAUNCHER UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

25X1

THIS REPORT PROVIDES A DESCRIPTIVE ANALYSIS OF THE TYPE IIIG LAUNCHER AS DERIVED FROM RECONNAISSANCE SATELLITE PHOTOGRAPHY. THE TYPE IIIG SILO IS THE OPERATIONAL LAUNCHER FOR THE SS-11 MOD 3 AND SS-19

1375
TOP SECRET CHESS RUFF

25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1
25X1

MISSILE SYSTEMS. THE SILO CONSISTS OF A SILO BASE, SILO WALLS, SILO HEADWORKS, DOOR POCKET AND SILO DOOR.
THE TYPE IIIG SILO HAS A USABLE [REDACTED]
A LAUNCH COMPLEX LOCATION MAP, ENGINEERING DRAWINGS, AND PHOTOGRAPHS ILLUSTRATING THE CONSTRUCTION
CHRONOLOGY, STRUCTURAL DETAILS, AND MENSURAL DATA FOR THE TYPE IIIG LAUNCHER ARE INCLUDED AS GRAPHIC
SUPPLEMENTS TO THE BASIC DESCRIPTION PRESENTED IN THIS REPORT. THIS REPORT SUPERSEDES FTD BIIR RFB
[REDACTED] TYPE IIIG LAUNCHER, DATED JUNE 1974.

25X1

25X1

ARMY BIIR RAC24-8005-76 SEP 76 SEC CLASS: 05B MSN: 29P ACCN: S078838

MILITARY, M-1974 ARMORED COMMAND RECON VEHS UR
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1

THE ARTILLERY ARMORED COMMAND RECONNAISSANCE VEHICLE M-1974 IS A SELF-PROPELLED GUN-ASSOCIATED COMMAND
VEHICLE PRODUCED IN THE SOVIET UNION.
IT IS THE LATEST IN SOVIET COMMAND VEHICLES AND HAS BEEN DEVELOPED IN ASSOCIATION WITH THE NEW 122MM
AND 152MM SELF-PROPELLED GUNS.*

25X1

1376
TOP SECRET CHESS RUFF [REDACTED]

25X1

[Redacted] TOP SECRET CHESS RUFF [Redacted]

25X1
25X1

25X1

DIA STDY DST1050R-583-76

OCT 76

[Redacted] SEC CLASS: 25

MSN:

40P

ACCN: S078844

25X1

1377
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
ZDAI

LENINGRAD BENT LOG-PERIODIC ZIGZAG ANTENNA	UR	600455N 0304320E
WAC NO : 0103	BE/OBJ NO:	NPIC NO : - 42-01
IDHS CODE:	EPF CAT : 25D	COMIREX NO:
LODEYNOYE POLE BENT LOG-PERIODIC ZIGZAG ANT	UR	604230N 0333430E
WAC NO : 0102	BE/OBJ NO:	NPIC NO : - 5-C3
IDHS CODE:	EPF CAT : 25D	COMIREX NO:
ELECTRONICS, LOG-PERIODIC MONOPOLE ANT SYSTEM	UR	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 25D	COMIREX NO:

25X1
ZDAI

25X1
25X1

THIS REPORT DESCRIBES THE RESULTS OF A SYSTEM ANALYSIS AND SUPPORTIVE ANTENNA MODELING EFFORT USED TO DERIVE THE CHARACTERISTICS AND MOST LIKELY APPLICATION OF THE HF/VHF LOG PERIODIC MONOPOLE ANTENNAS UNDER CONSTRUCTION NEAR LENINGRAD AND AT LODEYNOYE POLE. THE GEOGRAPHICAL LOCATION OF THESE ANTENNAS SUGGESTS A POSSIBLE ASSOCIATION WITH THE LENINGRAD AIR DEFENSE ZONE (ADZ). THE ANTENNAS POINT ALMOST DUE NORTH, AND COULD BE ASSOCIATED WITH ONE OF SEVERAL POSSIBLE SYSTEM APPLICATIONS INCLUDING COMMUNICATIONS, SURVEILLANCE, ELECTRONIC COUNTERMEASURES, IONOSPHERIC/TROPOSPHERIC EXPERIMENTS, AND EARLY WARNING. THE APPLICATION THAT APPEARS TO BE MOST LIKELY IS AN OVER-THE-HORIZON RADAR (OHR) THAT SUPPLYS EARLY WARNING INFORMATION. IT ALSO APPEARS LIKELY THAT THE ANTENNA MIGHT BE USED IN A SECONDARY ROLE OF SURVEILLANCE, SPECIFICALLY FOR MONITORING HF COMMUNICATIONS FROM B-52 SAC AIRCRAFT. THE EVIDENCE TO SUPPORT THESE CONCLUSIONS IS CIRCUMSTANTIAL, AND THE PURPOSE OF THIS REPORT IS TO PRESENT DATA AND AN INTERPRETATION IN SUPPORT OF THE ABOVE POSTULATED SYSTEM APPLICATIONS.

DIA STDY DST1270S-190-76 30 SEP 76 [] SEC CLASS: 25 MSN: 257P ACCN: S078845 25X1

ELECTRONICS, COMMAND CONTROL SYSTEMS NAVAL	UR	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 25I	COMIREX NO:

THIS DOCUMENT PROVIDES THE BASIC DEPARTMENT OF DEFENSE ASSESSMENT OF THE PRESENT AND PROJECTED TECHNICAL CHARACTERISTICS, CAPABILITIES, AND LIMITATIONS OF THE SOVIET NAVAL FORCES COMMAND AND CONTROL COMMUNICATIONS SYSTEMS. APPROPRIATE NON-TECHNICAL INFORMATION IN THE AREAS OF ORGANIZATION, PHILOSOPHY, AND FUNCTIONAL RELATIONSHIPS IS PRESENTED TO PORTRAY THE OVERALL FRAMEWORK OF THE STRATEGIC COMMAND AND CONTROL STRUCTURE.*

DIA STDY DDI2610-005-76 NOV 76 [] SEC CLASS: 14B MSN: 114P ACCN: S078846 25X1

ELECTRONICS, COMMAND CNTRL BKRS VULNERABILITY	PL	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 25D	COMIREX NO:
ELECTRONICS, COMMAND CNTRL BKRS VULNERABILITY	HU	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 25D	COMIREX NO:
ELECTRONICS, COMMAND CNTRL BKRS VULNERABILITY	UR	

25X1

1378
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1

ELECTRONICS, COMMAND CNTRL BKRS VULNERABILITY BU
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

THIS STUDY PROVIDES VULNERABILITY ASSESSMENTS FOR 213 RECENTLY CONSTRUCTED OR IDENTIFIED SOVIET/WARSAW PACT HARDENED COMMAND AND CONTROL COMMUNICATIONS FACILITIES. SPECIFICALLY, THIS REPORT ANALYZES SOME OF THE UNIDENTIFIED COMMAND AND CONTROL FACILITIES AND SOME FORCE-AND ECHELON-ASSOCIATED FACILITIES.*

DIA STDY DST1340S-075-76 NOV 76 [] SEC CLASS: 24 MSN: 52P ACCN: S078847

25X1

AIRCRAFT, HELICOPTER TRENDS + DEVELOPMENTS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:

25X1

AIRCRAFT, HAZE MI-14 DEVELOPMENTS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1

AIRCRAFT, MI-22 DEVELOPMENTS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

AIRCRAFT, HIND MI-24 VARIANTS DEVELOPMENTS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1

SINCE 1970, THE SOVIETS HAVE UNDERTAKEN A MAJOR REORIENTATION OF THEIR HELIBORNE FORCES AND ROTARY WING TECHNOLOGIES FROM A LOGISTICAL SUPPORT ROLE TO A COMBAT ARMS ROLE IN THEIR FRONTAL AVIATION ARMY. THERE IS NOW IRREFUTABLE EVIDENCE THAT THE SOVIET HELIBORNE RESOURCES AND FACILITIES HAVE BEEN REORGANIZED AND UPGRADED TO OPTIMIZE THEIR APPLICATIONS IN THE ASSAULT AND CLOSE AIR SUPPORT ROLES. THIS TREND IS INDICATED BY THE FOLLOWING EVIDENCE:
MAJOR CONSTRUCTION AND EXPANSION OF THEIR FRONTAL AVIATION ARMY AIRFIELDS, PRINCIPALLY IN EAST GERMANY AND ALONG THE SINO-SOVIET BORDER.
INTRODUCTION OF NEW NAVAL WARFARE, COMBAT ASSAULT, AND GUNSHIP HELICOPTERS SPECIFICALLY DESIGNED FOR DELIVERY OF HELIBORNE WEAPONS.
DEVELOPMENT OF SOPHISTICATED NEW WEAPONS AND FIRE-CONTROL SYSTEMS FOR HELICOPTER APPLICATIONS.

1379
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

CONSTRUCTION OF SEVERAL NEW WEAPON TESTING AND TRAINING RANGES SPECIFICALLY FOR HELICOPTERS AND HELIBORNE WEAPONRY. OVERALL REORGANIZATION OF PRODUCTION RESOURCES AND PRIORITIES, EMPHASIZING A PREDOMINANT COMMITMENT TO THE MEDIUM-CLASS ASSAULT AND GUNSHIP HELICOPTER.

DIA STDY DST1360S-046-76 22 OCT 76 [] SEC CLASS: 25 MSN: 95P ACCN: S078848^{25X1}

AIRCRAFT, ARMAMENT TRENDS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:
AIRCRAFT, ARMAMENT TRENDS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:

SEVERAL SOVIET AIRCRAFT ARMAMENT DEVELOPMENTS HAVE BEEN COMPLETED SINCE THE PREVIOUS JULY 1974 INFORMATION CUTOFF DATE FOR THIS SUPPLEMENT. A HARDENED TARGET PENETRATOR, A RUNWAY CRATERING BOMB, AND CLUSTER BOMB UNITS PROBABLY REACHED IOC. NEW DEVELOPMENT PROGRAMS INCLUDE IMPROVED PODDED ROCKETS, GUIDED-GLIDE BOMBS, AND A POSSIBLE AIRBORNE LASER WEAPON TESTBED. THESE NEW OR IMPROVED WEAPONS COMPLEMENT THE CONCURRENT DEVELOPMENT AND INTRODUCTION OF NEW FIGHTER AIRCRAFT SUCH AS THE FITTER C, FENCER, FLOGGER D, AND RAM J AND FURTHER ILLUSTRATE THE SHIFTING SOVIET EMPHASIS TOWARD A DEDICATED INTERDICTIONAL AND GROUND-SUPPORT MISSION CAPABILITY FOR THEIR TACTICAL AIR FORCES.

DIA STDY DST1080S-115-76 15 DEC 76 [] SEC CLASS: 25 MSN: 124P ACCN: S078849^{25X1}

ELECTRONICS, SRF COMMAND CONTROL SYSTEM UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS STUDY PROVIDES THE BASIC DEPARTMENT OF DEFENSE ASSESSMENT OF THE PRESENT (1971-1975) TECHNICAL CHARACTERISTICS, CAPABILITIES, AND LIMITATIONS OF THE COMMAND, CONTROL, AND COMMUNICATIONS SYSTEMS OF THE SRFS. EMPHASIS HAS BEEN PLACED ON TECHNICAL CHARACTERISTICS, CAPABILITIES, AND LIMITATIONS. APPROPRIATE NONTECHNICAL INFORMATION IN THE AREA OF ORGANIZATION, PHILOSOPHY, AND FUNCTIONAL RELATIONSHIPS IS PRESENTED TO PORTRAY THE OVERALL FRAMEWORK OF THE COMMAND AND CONTROL STRUCTURE IN ORDER TO PROVIDE A REALISTIC TREATMENT OF TECHNICAL CHARACTERISTICS AND ADEQUACY.

DIA STDY DST2610S-106-76 03 DEC 76 [] SEC CLASS: 25 MSN: 220P ACCN: S078852^{25X1}

ELECTRONICS, COMMAND CONTROL SYSTEM AEROSPACE CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS STUDY DESCRIBES THE COMMUNICATIONS, COMMAND, AND CONTROL SYSTEM OF THE PRC STRATEGIC AEROSPACE FORCE THAT IS PART OF THE PLA. THE DESCRIPTION INCLUDES THE ORGANIZATIONAL AND FUNCTIONAL RELATIONSHIPS OF

1380
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

ALL LEVELS OF COMMAND THAT ARE AVAILABLE, THE COMMUNICATION NETWORK, AND SOME OF THE EQUIPMENT USED TO GATHER, TRANSMIT, AND UTILIZE DATA THAT ARE GENERATED FOR NATIONAL AIR DEFENSE AND FOR STRATEGIC OFFENSIVE AEROSPACE WEAPONS SYSTEMS. THE OPERATIONAL DEFENSE WEAPONS INCLUDE AIS, SAMS, AND AAA. FOR THESE WEAPONS TO BE EFFECTIVE, THEY MUST BE SUPPORTED BY AN INTELLIGENCE GATHERING NETWORK, AN EW RADAR NETWORK, AND SUFFICIENT COMMUNICATIONS TO EFFECTIVELY UTILIZE THE DATA SO GATHERED.

CONSIDERATION IS GIVEN TO THE CHINESE AIR FORCE (CCAF) IN NATIONAL DEFENSE. THE POSITION OF THE CCAF IN THE OVERALL NATIONAL COMMAND STRUCTURE IS DISCUSSED, AS WELL AS PARALLEL COMMAND CHANNELS AFFECTING THE CCAF. THE CCAF SUBORDINATE LEVELS, CALLED MILITARY REGIONS (MR), DIVIDE MAINLAND CHINA INTO MANAGEABLE SECTIONS.

THE COMMAND AND CONTROL ORGANIZATION OF THE CSRF IS CONSIDERED TO DETERMINE ITS SCOPE, RELIABILITY, AND EXACT FUNCTION. THE BROAD OUTLINE OF THE COMMAND AND CONTROL STRUCTURE IS CONSIDERED, AS WELL AS THE PARTICULAR METHODS USED TO CONTROL THE MISSILE FORCE.

DIA STDY DST1370S-279-76 23 DEC 76 [] SEC CLASS: 25 MSN: 84P ACCN: 5078851 25X1

ELECTRONICS, COMMAND CONTROL TACTICAL AIR UR
WAC NO : BE/OBJ No: NPIC NO :
IDHS CODE: EPF CAT : 25H COMIREX No:

25X1

THE AIR ARMY IS ORGANIC TO THE FRONT AND SUPPORTS FRONT WARFARE UNDER MOST SITUATIONS. IN SOME CASES A HIGHER AUTHORITY, THE THEATRE OF MILITARY OPERATIONS (TVD), MAY ASSUME COMMAND OF AIR ARMY RESOURCES OF SEVERAL FRONTS TO SUPPORT A MASSIVE AIR OPERATION.

THE AIR ARMY MAIN MISSIONS ARE COUNTERAIR AND AIR SUPPORT. COUNTERAIR MAINLY INCLUDES THE AIR DEFENSE FOR THE FIXED FACILITIES AS WELL AS MANEUVER ELEMENTS OF THE FRONT GROUND FORCES. THE AIR SUPPORT MISSION OF ORDNANCE DELIVERY CAN BE PERFORMED IN SUPPORT OF GENERAL FRONT AREA TASKS OR IN DIRECT SUPPORT OF TROOP MOVEMENTS.

TO ACCOMPLISH THE COUNTERAIR AND AIR SUPPORT MISSIONS, SOVIET AIR ARMIES HAVE AN IMPRESSIVE ARRAY OF AIRCRAFT AND GROUND EQUIPMENT. THE LARGE NUMBER OF NEW AIRCRAFT DEPLOYED IN A RELATIVELY FEW YEARS INDICATES THE IMPORTANCE WITH WHICH THE SOVIETS REGARD FRONTAL AVIATION AND IS AN INDICATION OF THE SERIOUSNESS WITH WHICH THE SOVIETS PERCEIVE THE THREAT.

ADDITIONAL AIR ARMY SUPPORT MISSIONS INCLUDE RECONNAISSANCE, ECM, RADIO RELAY, AND TRANSPORT. THESE MISSIONS ARE QUITE OFTEN FLOWN TO AUGMENT THE MAIN MISSIONS.

THE SOVIETS ARE BEGINNING TO AUTOMATE MANY PROCEDURES AFFECTING AIR ARMY OPERATIONS. RECENT DEVELOPMENTS INCLUDE USING GROUND-TO-AIR DATA LINKS TO AUTOMATICALLY GUIDE INTERCEPTOR AIRCRAFT, POSSIBLY USING THE SHORT-RANGE NAVIGATION SYSTEM (SVOD) FOR GUIDING AIR SUPPORT MISSIONS TO TARGET, AND THE AUTOMATIC REPORTING OF TARGETS FOR AIR DEFENSE PURPOSES.

RECENTLY DEPLOYED SOVIET AIRCRAFT AND SURFACE-TO-AIR WEAPONS CONTINUE TO INCREASE IN TECHNICAL SOPHISTICATION. THE THREAT PRESENTED BY NATO SYSTEMS HAS BEEN ASSESSED, SHORTCOMINGS HAVE BEEN IDENTIFIED, AND WORK HAS BEGUN TO ELIMINATE THESE SHORTCOMINGS.

COMMUNICATIONS SYSTEMS ARE NUMEROUS AND REASONABLY EFFECTIVE. MULTIPLE ROUTING FOR RELIABILITY AND

25X1

1381
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

STRICT COMMUNICATIONS SECURITY PROCEDURES ARE EMPHASIZED.

THE SOVIETS USE A PLANNING METHOD, WHICH THEY CALL PARALLEL PLANNING, TO DECREASE THE AMOUNT OF TIME REQUIRED FOR PLANNING AIR MISSIONS. THIS METHOD REQUIRES THE COMMANDER TO FORM HIS PLANS BASED ON PRELIMINARY INFORMATION, WHICH WILL USUALLY BE INCOMPLETE. IN THIS METHOD, DECISION MAKING IS CARRIED OUT PRACTICALLY SIMULTANEOUSLY AT SEVERAL ECHELONS, AND ORGANIZATION OF COMBAT OPERATIONS BEGINS PRIOR TO ACTUALLY RECEIVING A FULLY DEFINED SET OF ORDERS.

DIA STDY DST1710S-390-76 20 DEC 76 [] SEC CLASS: 25 MSN: 119P

ACCN: S078852^{25X1}

ELECTRONICS, AIRCRAFT CONTROL + WARNING RADAR UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25H COMIREX NO:

THIS STUDY IS A COMPREHENSIVE SUMMARY OF THE TECHNICAL FEATURES OF NEW DEVELOPMENTAL RADAR SYSTEMS AT SOVIET R+D FACILITIES AND SELECTED RADAR SYSTEMS THAT ARE CURRENTLY BEING MODIFIED IN THE SOVIET UNION. IN ADDITION TO THE DATA PRESENTED ON THE NEW AND MODIFIED RADAR SYSTEMS, A BRIEF DESCRIPTION OF THE TEST FACILITIES INVOLVED WITH THIS EFFORT HAS BEEN INCLUDED TOGETHER WITH BACKGROUND MATERIAL CONCERNING THE PAST AND PRESENT STATE OF THE SOVIET RADAR DEVELOPMENT. OTHER STUDIES IN THIS SERIES ARE REFERENCED IN THE BIBLIOGRAPHY.

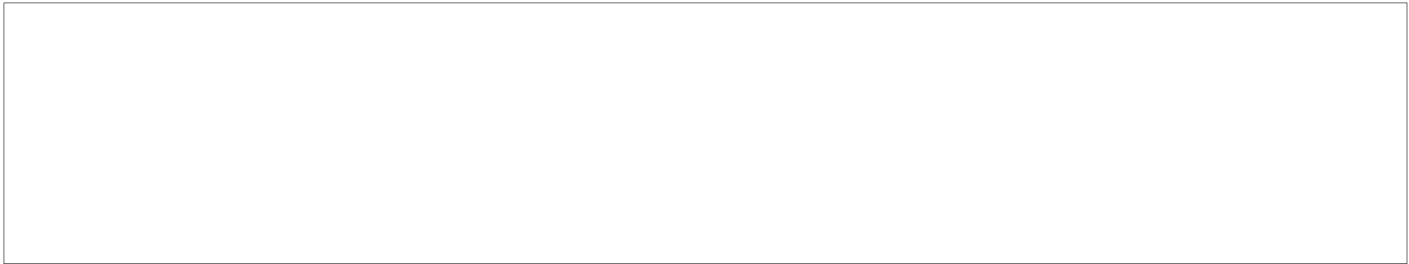
25X1

1382
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1



25X1

ARMY DSIIB BAC24-3001-77 NOV 76 [REDACTED] SEC CLASS: 13 MSN: 3P ACCN: S078857 25X1

MILITARY, AIR DEFENSE CAPABILITIES
WAC NO : BE/OBJ NO: SO
IDHS CODE: EPF CAT : 35 NPIC NO :
COMIREX NO:

THIS DIRECT SUPPORT IMAGERY INTERPRETATION BRIEF CONSISTS OF A MAP, EQUIPMENT BREAKDOWN, AND A DESCRIPTIVE TEXT OF THE SOMALIAN AIR DEFENSES. THE INFORMATION CONTAINED IN THIS BRIEF IS CURRENT AS OF AUGUST 1976.

NAVY BIIB BNG23-0001-76 DEC 76 [REDACTED] SEC CLASS: 14B MSN: 11P ACCN: S078859 25X1

SHIPS, A CLASS SSN MODIFIED
WAC NO : BE/OBJ NO: UR
IDHS CODE: EPF CAT : 75U NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES AN UPDATED, IMAGERY-DERIVED ANALYSIS OF THE 402-R SUBMARINE, WHICH HAS BEEN ASSESSED AS AN ALFA CLASS SSN UNIT HAVING CERTAIN STERN MODIFICATIONS. IT SUPPLEMENTS BASIC IMAGERY INTERPRETATION REPORT (BIIR) RNG-23/0017/76. THE REPORT CONTAINS A CONSTRUCTION AND FITTING-OUT SCHEDULE, PROVISIONAL SCALE DRAWINGS OF THE OUTER HULL, AND SELECTED PHOTOGRAPHS.

CIA IRA IS10004K-76 DEC 76 [REDACTED] SEC CLASS: 13 MSN: 69P ACCN: S078860 25X1

MILITARY, TYPE-66/D-20 152MM HOWITZER
WAC NO : BE/OBJ NO: CH
IDHS CODE: EPF CAT : 35E NPIC NO :
COMIREX NO:
MILITARY, M-10 152MM HOWITZER
WAC NO : BE/OBJ NO: CH
IDHS CODE: EPF CAT : 35E NPIC NO :
COMIREX NO:
MILITARY, D-1 152MM HOWITZER
CH

1383

TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF

25X1
25X1

WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-60/D-74 122MM	FIELD GUN	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-54/M-38 122MM	HOWITZER	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-71/M-1944 100MM	ANTI-TANK GUN	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, ARTILLERY UNIT IDENTIFICATION/EQUIP		CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35D	COMIREX NO:
MILITARY, TYPE-55/M-1943 57MM	ANTI-TANK GUN	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-54/M-1942 76MM	FIELD GUN	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-56/D-44 85MM	FIELD GUN	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, ML-20 152MM GUN	HOWITZER	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, BM-14/17 140MM	ROCKET LAUNCHER	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, BM-13 132MM	ROCKET LAUNCHER	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-63-1 107MM	ROCKET LAUNCHER	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-56/M-1943 160MM	MORTAR	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-55/M-1943 120MM	MORTAR	CH
WAC NO :	BE/OBJ NO :	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, A-19 122MM	GUN	CH
WAC NO :	BE/OBJ NO :	NPIC NO :

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-59-1 130MM GUN		CH
WAC NO :	BE/OBJ NO: []	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, TYPE-59/M-46 130MM FIELD GUN		CH
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:

25X1

IN RECENT YEARS, THE CHINESE HAVE BEEN ATTEMPTING TO UPGRADE THEIR ARTILLERY FORCES. THEY HAVE INCREASED THE NUMBER OF FIELD ARTILLERY WEAPONS FROM 12 TO 18 IN MANY BATTALIONS AND HAVE INTRODUCED MANY NEW ARTILLERY UNITS THROUGHOUT THE COUNTRY. THE QUALITY OF THE UNITS IS BEING IMPROVED BY THE INTRODUCTION OF THE 107MM (TYPE 63-1) AND 140MM (BM 14-17) ROCKET LAUNCHERS AND THE 130MM GUNS (TYPE 59-1). ARTILLERY PIECES WITH LIMBERS ARE APPARENTLY BEING PHASED OUT. THIS MODERNIZATION AND STRENGTHENING PROCESS EMPHASIZES THE USE OF SIMPLE, EASILY MAINTAINED EQUIPMENT.

ALONG WITH THE INCREASE IN NUMBERS OF WEAPONS, WE HAVE OBSERVED A TREND TOWARD STANDARDIZATION OF THE TYPES OF WEAPONS ASSIGNED TO EACH TYPE OF UNIT. BECAUSE THE STANDARDIZATION PROCESS IS NOT COMPLETE, HOWEVER, THE DEVELOPMENT OF A TO+E FOR CHINESE ARTILLERY UNITS IS DIFFICULT. IN SOME CASES THE CHINESE ARE STILL USING OLDER TYPES OF ARTILLERY, ALTHOUGH FEWER OF THESE PIECES ARE BEING OBSERVED AS NEWER EQUIPMENT BECOMES AVAILABLE. THE SOUTHERN MILITARY REGIONS APPEAR TO HAVE A RELATIVELY LOW DEFENSE PRIORITY AND THEREFORE MORE OF THE OLDER AND SMALLER ARTILLERY PIECES, WHILE THE MILITARY REGIONS ALONG THE SINO-SOVIET BORDER SOMETIMES HAVE OVER-STRENGTH BATTALIONS WITH NEWER EQUIPMENT. ANOTHER FACTOR WHICH COMPLICATES THE DEVELOPMENT OF A TO+E IS THE CHINESE PRACTICE OF TAILORING UNITS WITH VARIOUS TYPES AND NUMBERS OF ARTILLERY TO FIT SPECIFIC NEEDS. THIS PRACTICE, WHICH IS MOST PREVALENT AT GARRISON UNITS RESPONSIBLE FOR THE DEFENSE OF A SPECIFIC AREA, IS NOT EXPECTED TO CHANGE.

THIS REPORT IS A RESEARCH AID FOR USE IN IDENTIFYING THE STRUCTURE AND EQUIPMENT OF CHINESE ARTILLERY UNITS. A PHOTO RECOGNITION KEY OF ALL ARTILLERY WEAPONS BELIEVED TO BE IN THE CHINESE INVENTORY IS INCLUDED.

CIA BIIR RCS13-0001-77 DEC 76 [] SEC CLASS: 13 MSN: [] 11P

ACCN: S078861

25X1

INDUSTRY, IRON + STEEL PLANTS HUNANSHENG	CH	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 30C	COMIREX NO:
CHIAOKOU IRON PLANT		CH 255645N 1131232E
WAC NO : 0498	BE/OBJ NO: []	NPIC NO : - 70-A3
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:
CHIUFUOCHIANG IRON PLANT		CH 271225N 1133350E
WAC NO : 0498	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:
HSIANGTAN IRON PLANT		CH 275810N 1125055E
WAC NO : 0497	BE/OBJ NO: []	NPIC NO : - 10-C
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:
HSIANGTAN IRON PLANT 2		CH 275930N 1125910E

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25X1

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25X1

25X1

1385

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0497	BE/OBJ NO: []	NPIC NO : - 10-J1	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
CHANGSHA STEEL PLANT		CH 281128N 1130004E	
WAC NO : 0494	BE/OBJ NO: []	NPIC NO : - 1-J1	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
LOUTI IRON + STEEL PLANT		CH 274506N 1115810E	
WAC NO : 0497	BE/OBJ NO: []	NPIC NO : - 33-B	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
HUANGCHIAPA IRON + STEEL PLANT		CH 270810N 1115610E	
WAC NO : 0497	BE/OBJ NO: []	NPIC NO :	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
HSIANGTAN IRON + STEEL PLANT		CH 274914N 1125352E	
WAC NO : 0497	BE/OBJ NO: []	NPIC NO : - 10-A	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO: []	25X1
LEIYANG COKE + IRON PLANT		CH 262340N 1124840E	
WAC NO : 0497	BE/OBJ NO: []	NPIC NO : - 28-A2	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
HACHI IRON PLANT		CH 274110N 1112615E	
WAC NO : 0497	BE/OBJ NO: []	NPIC NO : - 62-C	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
SHIHMEN IRON PLANT		CH 293720N 1111825E	
WAC NO : 0494	BE/OBJ NO: []	NPIC NO : - 20-B1	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
TUTISHAN IRON PLANT		CH 281900N 1121340E	
WAC NO : 0494	BE/OBJ NO: []	NPIC NO : - 45-A	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1
YUEHYANG IRON PLANT + FABRICATION FACILITY		CH 292345N 1130538E	
WAC NO : 0494	BE/OBJ NO: []	NPIC NO : - 2-A1	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO:	25X1

IN MID-1976, THERE WERE 14 PLANTS ENGAGED IN THE PRODUCTION OF IRON, STEEL, AND ROLLED STEEL PRODUCTS IN HUNAN PROVINCE. TEN ARE PIG IRON PLANTS, THREE ARE IRON AND STEEL PLANTS, AND ONE IS A STEEL PLANT. THE PLANTS ARE GENERALLY DISTRIBUTED IN THE EAST-CENTRAL PORTION OF THE PROVINCE.

THERE ARE TWO LARGE, TWO MEDIUM, AND 25 SMALL BLAST FURNACES AT THE PLANTS WHICH ARE CAPABLE OF PRODUCING AN ESTIMATED 4,810 METRIC TONS OF PIG IRON PER DAY. FOUR STEEL FURNACE BUILDINGS ARE IN USE IN THE PROVINCE. TWO CONTAIN OPEN-HEARTH FURNACES, ONE POSSIBLY CONTAINS ELECTRIC FURNACES, AND ONE PROBABLY CONTAINS SIDE-BLOWN CONVERTERS. IN ADDITION, THERE ARE NINE ROLLING MILLS WITH A TOTAL ROOF COVER OF APPROXIMATELY 110,595 SQUARE METERS.

CONSTRUCTION WAS EVIDENT AT SIX PLANTS. A BOF BUILDING, A FORGE/FOUNDRY, TWO COKE OVEN BATTERIES, AN ORE HANDLING FACILITY, AND FIVE UNIDENTIFIED BUILDINGS WERE IN VARIOUS STAGES OF CONSTRUCTION.

TEN OF THE PLANTS WERE OPERATING WHEN SEEN ON THE LATEST AVAILABLE PHOTOGRAPHY. THE FENG-SHIH-YEN, HSIANG-TAN, AND TU-TI-SHAN IRON PLANTS AND THE CHANG-SHA STEEL PLANT WERE NOT OPERATING.

THIS REPORT SUMMARIZES THE PRODUCTION FACILITIES AT EACH PLANT AND PROVIDES GRAPHICS OF SELECTED PLANTS

1386
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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AS WELL AS A MAP SHOWING PLANT LOCATIONS. THE CUTOFF DATE FOR INFORMATION IN THIS REPORT IS JULY 1976.

DIA	BIIR	RDA10-0017-76	DEC 76		SEC CLASS: 14B	MSN: []	11P	ACCN: 5078862	25X1
		NOVOSIBIRSK PORT COMPLEX OB RIVER			UR	550055N 0825445E			
		WAC NO : 0162	BE/OBJ NO: []			NPIC NO : - 7-N2			25X1
		IDHS CODE: []	EPF CAT : 75I			COMIREX NO: []			25X1
		NOVOSIBIRSK HYDROELECTRIC THERMAL POWER PLT 1			UR	550050N 0825456E			
		WAC NO : 0162	BE/OBJ NO: []			NPIC NO :			25X1
		IDHS CODE: []	EPF CAT : 30E			COMIREX NO:			25X1
		NOVOSIBIRSK WOODWORKING COMBINE BOLSHEVIC			UR	545947N 0825704E			
		WAC NO : 0162	BE/OBJ NO: []			NPIC NO :			25X1
		IDHS CODE: []	EPF CAT : 30D			COMIREX NO:			25X1
		NOVOSIBIRSK SAWMILL KORABLIK OSTROV			UR	545816N 0825835E			
		WAC NO : 0162	BE/OBJ NO: []			NPIC NO :			25X1
		IDHS CODE: []	EPF CAT : 30B			COMIREX NO:			25X1
		NOVOSIBIRSK SHIPTAKU			UR	550130N 0825100E			
		WAC NO : 0162	BE/OBJ NO: []			NPIC NO : - 7-N2			25X1
		IDHS CODE: []	EPF CAT : 75E			COMIREX NO:			25X1
		NOVOSIBIRSK SAWMILL			UR	550040N 0825345E			
		WAC NO : 0162	BE/OBJ NO: []			NPIC NO :			25X1
		IDHS CODE: []	EPF CAT : 30B			COMIREX NO:			25X1

THIS REPORT IS A DETAILED, IMAGERY DERIVED ANALYSIS OF NOVOSIBIRSK PORT COMPLEX OB RIVER. THE COMPLEX IS SITUATED ON BOTH BANKS OF A 5.5-NM SEGMENT OF THE OB RIVER AND BOTH BANKS OF YARENSKIY BACKWATER. IT IS LOCATED IN NOVOSIBIRSK, SIBERIAN MILITARY DISTRICT, SOUTH-CENTRAL U.S.S.R. A QUAY, WHARVES, AND A BULKHEAD PROVIDE 3,459 FEET OF BERTHING. ADDITIONAL BERTHING IS PROVIDED AT 14 OTHER BERTHING STRUCTURES LOCATED THROUGHOUT THE PORT AREA. THE PORT PROVIDES 3,185,225 SQUARE FEET OF OPEN STORAGE SPACE, CONTAINS 127 BUILDINGS/STRUCTURES, AND UTILIZES 67 PIECES OF MECHANICAL HANDLING EQUIPMENT AND NUMEROUS CONVEYORS.

DIA	BIIR	RDA05-0043-76	JAN 77		SEC CLASS: 14A	MSN: []	9P	ACCN: 5078863	25X1
		AL QUSAYR AIRFIELD			SY	343410N 0363418E			
		WAC NO : 0426	BE/OBJ NO: []			NPIC NO : - 36			25X1
		IDHS CODE: []	EPF CAT : 05A			COMIREX NO: []			25X1
		AL QUSAYR AIRFIELD AVIATION HEADQUARTERS			SY	343412N 0363415E			
		WAC NO : 0426	BE/OBJ NO: []			NPIC NO :			25X1
		IDHS CODE: []	EPF CAT : 05A			COMIREX NO:			25X1
		HIMS SA-2 SITE B22			SY	343340N 0363500E			
		WAC NO : 0426	BE/OBJ NO: []			NPIC NO : - 36-A			25X1
		IDHS CODE: []	EPF CAT : 40C			COMIREX NO: []			25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF AL QUSAYR AIRFIELD DURING THE PERIOD JUNE 1970

1387
TOP SECRET CHESS RUFF

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THROUGH JANUARY 1976. THE AIRFIELD IS A JET FIGHTER BASE IN WEST SYRIA, 64 NM NORTH OF DAMASCUS. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED RESURFACING OF THE MAIN RUNWAY, CONSTRUCTION OF A CONCRETE TOUCHDOWN ZONE AND EAST-END PARKING APRON, AND COMPLETION OF THE AMMUNITION STORAGE AREAS AND THE POL STORAGE AREA. FEATURES DESCRIBED IN THIS REPORT INCLUDE [REDACTED] GRADED-EARTH AUXILIARY RUNWAYS, [REDACTED] GRADED-EARTH AUXILIARY RUNWAY D, TAXIWAYS AND AIRCRAFT PARKING, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED TOTAL STORAGE CAPACITY OF 2,850 BARRELS (119,700 U.S. GALLONS), AIRCRAFT MAINTENANCE, ORDNANCE, ACCOMMODATIONS, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY. AOB [REDACTED] WAS 12 FISHBED.

25X1
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DIA	NBRG	NDA07-5001-77	22 DEC 76	SEC CLASS: 05G MSN:	1P	ACCN: S078864
		PAOTING MILITARY AREA 1		CH 3852 N 11529 E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO :		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35	COMIREX NO:		25X1
DIA	NBRG	NDA07-5002-77	22 DEC 76	SEC CLASS: 05G MSN:	1P	ACCN: S078865
		PAOTING ARMY BARRACKS AL3 + HEADQUARTERS		CH 385237N 1153019E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : - 2-C1		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A	COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5003-77	22 DEC 76	SEC CLASS: 05G MSN:	1P	ACCN: S078866
		PAOTING ARMY BARRACKS NNE AL14		CH 385315N 1153120E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : - 2-C3		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A	COMIREX NO:		25X1
DIA	NBRG	NDA07-5004-77	22 DEC 76	SEC CLASS: 05G MSN:	1P	ACCN: S078867
		PAOTING ARMY BARRACKS SSW AL12		CH 385155N 1155345E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : - 111		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A	COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5005-77	22 DEC 76	SEC CLASS: 05G MSN:	1P	ACCN: S078868
		TUANTSUN ARMY BARRACKS AL1 + PONTOON BRG REGT		CH 385232N 1155710E		
		WAC NO : 0382	BE/OBJ NO: [REDACTED]	NPIC NO : - 111-A		25X1
		IDHS CODE: [REDACTED]	EPF CAT : 35A	COMIREX NO: [REDACTED]		25X1
DIA	NBRG	NDA07-5006-77	22 DEC 76	SEC CLASS: 05G MSN:	1P	ACCN: S078869

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1388
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

	MANCHENG ARMY BARRACKS AL2	CH 385940N 1151743E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 2-M	
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1
DIA	NBRG NDA07-5007-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078870
	PAOTING ARMY BARRACKS AL5	CH 384819N 1152212E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 2-K	25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1
DIA	NBRG NDA07-5008-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078871
	LIKOCUANG MILITARY AREA 1	CH 3921 N 11548 E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO :	25X1
	IDHS CODE: []	EPF CAT : 35	COMIREX NO:	25X1
DIA	NBRG NDA07-5009-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078872
	LIKOCUANG ARMY BARRACKS AL1/HQ INFANTRY DIV	CH 392134N 1154941E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 13-A	25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1
DIA	NBRG NDA07-5010-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078873
	LAISHUI ARMY BARRACKS WNW AL1	CH 392430N 1153750E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 24-B	25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1
DIA	NBRG NDA07-5011-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078874
	SUNGLINGTIEN ARMY BARRACKS AL1	CH 392359N 1155236E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 3-C	25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1
DIA	NBRG NDA07-5012-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078875
	TINGHSING ARMY BARRACKS AL1	CH 391226N 1154158E		
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 13-B	25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1
DIA	NBRG NDA07-5013-77 22 DEC 76	SEC CLASS: 056 MSN:	1P	ACCN: S078876
	CHANGCHIACHUANG ARMY BARRACKS AL2	CH 392205N 1153250E		

TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1
25X1

	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 24-A		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5014-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078877
	TINGHSING ARMY BARRACKS AL2			CH 391246N 1154400E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 13-B1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5015-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078878
	KUCHENG ARMOR TRAINING AREA			CH 391220N 1152930E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 13-I		25X1
	IDHS CODE: []	EPF CAT : 35B	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5016-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078879
	HSUSHUI MILITARY AREA 1			CH 3901 N 11539 E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO :		25X1
	IDHS CODE: []	EPF CAT : 35	COMIREX NO:		25X1
DIA	NBRG	NDA07-5017-77	22-DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078880
	HSUSHUI ARMY BARRACKS AL1 + HQ INFANTRY DIV			CH 390055N 1153905E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 63-A		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA	NBRG	NDA07-5018-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078881
	TUNGKOU ARMY BARRACKS AL1			CH 384755N 1154400E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 163		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA	NBRG	NDA07-5019-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078882
	KUCHENG ARMY BARRACKS AL1			CH 390656N 1154206E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 13-C		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5020-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078883
	PAOTING ARMY BARRACKS WEST AL2			CH 385114N 1152311E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 38-G		25X1

25X1

1390
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

25X1

	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5021-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078884
	PAOTING ARMY BARRACKS AL9			CH 384750N 1152833E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 2-C1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5022-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078885
	MANCHENG ARMY BARRACKS AL5			CH 385740N 1151400E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 2-H3		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5023-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078886
	MANCHENG ARMOR TRAINING AREA			CH 385520N 1151445E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO :		25X1
	IDHS CODE: []	EPF CAT : 35B	COMIREX NO:		25X1
DIA	NBRG	NDA07-5024-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078887
	WANGTU MILITARY AREA 1			CH 3843 N 11539 E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO :		25X1
	IDHS CODE: []	EPF CAT : 35	COMIREX NO:		25X1
DIA	NBRG	NDA07-5025-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078888
	WANGTU ARMY BARRACKS AL4 + HQ INFANTRY DIV			CH 384817N 1151903E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 38-F		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5026-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078889
	WANGTU ARMY BARRACKS EAST AL6			CH 384225N 1150955E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 38-C1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA	NBRG	NDA07-5027-77	22 DEC 76	SEC CLASS: 05G MSN:	1P ACCN: S078890
	TUNGUNHO ARMY BARRACKS NORTH AL1			CH 383750N 1151602E	
	WAC NO : 0382	BE/OBJ NO: []	NPIC NO : - 38-K		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

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DIA NBRG NDA07-5028-77 22 DEC 76 SEC CLASS: 05G MSN: 1P ACCN: S078891

WANGTU ARMY BARRACKS AL3
WAC NO : 0382
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

CH 384736N 1151542E
NPIC NO : - 38-D
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5029-77 22 DEC 76 SEC CLASS: 05G MSN: 1P ACCN: S078892

WANGTU ARMY BARRACKS AL5
WAC NO : 0382
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

CH 383821N 1150207E
NPIC NO : - 38-B
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5030-77 22 DEC 76 SEC CLASS: 05G MSN: 1P ACCN: S078893

TINGHSIEN ARMY BARRACKS NORTH AL2
WAC NO : 0382
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

CH 383300N 1145945E
NPIC NO : - 35-C
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5031-77 22 DEC 76 SEC CLASS: 05G MSN: 1P ACCN: S078894

WANGTU ARMY BARRACKS AL1
WAC NO : 0382
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

CH 384419N 1151009E
NPIC NO : - 38-C
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5032-77 22 DEC 76 SEC CLASS: 05G MSN: 1P ACCN: S078895

TANGHSIEN ARMY BARRACKS AL1 + TRAINING AREA
WAC NO : 0382
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

CH 384620N 1150000E
NPIC NO : - 38-J
COMIREX NO: []

25X1
25X1

TANGHSIEN ARMY BARRACKS AL1 + TRAINING AREA
WAC NO : 0382
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35B

CH 384620N 1150000E
NPIC NO : - 38-J
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5103-77 29 DEC 76 SEC CLASS: 05B MSN: 1P ACCN: S078896

KWIDZYN ARMY BARRACKS 1
WAC NO : 0169
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

PL 534406N 0185640E
NPIC NO : - 259
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5104-77 29 DEC 76 SEC CLASS: 05B MSN: 1P ACCN: S078897

KWIDZYN ARMY BARRACKS 2

PL 534410N 0185621E

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 259-A				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5105-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078898	
	SLUBICE ARMY BARRACKS 1/2			PL 522128N 0143405E			25X1
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 32-C				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5106-77	29 DEC 76	SEC CLASS: 05B MSN:	2P	ACCN: S078899	
	STARGARD SZCZECINSKI ARMY BARRACKS 1			PL 532013N 0150046E			25X1
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 141-B2				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5107-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078900	
	ZGIERZ ARMY BARRACKS NORTH 2			PL 515218N 0192420E			25X1
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 90-A2				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5108-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078901	
	KOSTRZYŃ ARMY BARRACKS PIONEER 3			PL 523538N 0144006E			25X1
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 269				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5109-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078902	
	REMBERTOW ARMY BARRACKS 1			PL 521526N 0211403E			25X1
	WAC NO : 0168	BE/OBJ NO: []	NPIC NO : - 168-B				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5110-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078903	
	SLUPSK ARMY BARRACKS 1			PL 542748N 0170242E			25X1
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 143-B				25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []				25X1
DIA	NBRG	NDA07-5111-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078904	
	SZCZECINEK ARMY BARRACKS 2			PL 534300N 0164045E			25X1
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 231-A1				25X1

1393
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA NBRG	NDA07-5112-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078905
	SULECHOW ARMY BARRACKS GRAF BREDLOW 2		PL 520543N 0153742E		
	WAC NO : 0169	BE/OBJ NO: []	NPIC NO : - 264		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA NBRG	NDA07-5113-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078906
	KOVEL ARMY BARRACKS AL2		UR 511430N 0244245E		
	WAC NO : 0232	BE/OBJ NO: []	NPIC NO : - 75-K		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA NBRG	NDA07-5114-77	29 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078907
	UCH ARAL ARMY BARRACKS AL3		UR 461050N 0805640E		
	WAC NO : 0244	BE/OBJ NO: []	NPIC NO : - 200-B6		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA NBRG	NDA07-5118-77	31 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078908
	RYBACHYE ARMY BARRACKS AL1/TRAINING AREA TA1		UR 422820N 0761200E		
	WAC NO : 0329	BE/OBJ NO: []	NPIC NO : - 13-D		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
	RYBACHYE ARMY BARRACKS AL1/TRAINING AREA TA1		UR 422820N 0761200E		
	WAC NO : 0329	BE/OBJ NO: []	NPIC NO : - 13-D		25X1
	IDHS CODE: []	EPF CAT : 35B	COMIREX NO: []		25X1
DIA NBRG	NDA07-5119-77	31 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078909
	OTAR ARMY BARRACKS NE ROSLAVLSKIY AL3		UR 433450N 0751640E		
	WAC NO : 0329	BE/OBJ NO: []	NPIC NO : - 3-F1		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X15X1
DIA NBRG	NDA07-5120-77	31 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078910
	AKTYUBINSK ARMY BARRACKS AL2/HQ ARTILLERY DIV		UR 500051N 0565740E		
	WAC NO : 0236	BE/OBJ NO: []	NPIC NO : - 24-A5		25X1
	IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA NBRG	NDA07-5121-77	31 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S078911

1394
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

MRZEZYNO ARTILLERY BKS + AAA/SAM TRNG AREA 2	PL 540749N 0151429E
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 236
IDHS CODE: []	EPF CAT : 35A COMIREX NO: []
MRZEZYNO ARTILLERY BKS + AAA/SAM TRNG AREA 2	PL 540749N 0151429E
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 236
IDHS CODE: []	EPF CAT : 35B COMIREX NO: []
MRZEZYNO ARTILLERY BKS + AAA/SAM TRNG AREA 2	PL 540749N 0151429E
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 236
IDHS CODE: []	EPF CAT : 40C COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1
25X1

DIA NBRG NDA07-5123-77 07 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S078913
SZCZECIN ARMY BARRACKS KRECKOW 1/3	PL 532650N 0142949E		
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 142-B3		
IDHS CODE: []	EPF CAT : 35A COMIREX NO: []		
DIA NBRG NDA07-5124-77 07 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S078914
KOSZALIN ARMY BARRACKS 2	PL 541119N 0161239E		
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 241-B		
IDHS CODE: []	EPF CAT : 35A COMIREX NO: []		
DIA NBRG NDA07-5125-77 07 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S078915
LIDZBARK WARMINSKI ARMY BARRACKS 1	PL 540730N 0203239E		
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 8-B		
IDHS CODE: []	EPF CAT : 35A COMIREX NO: []		
DIA NBRG NDA07-5126-77 07 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S078916
SZCZECIN ARMY BARRACKS KRECKOW NE 5	PL 532748N 0142932E		
WAC NO : 0169	BE/OBJ NO: [] NPIC NO : - 142-B2		
IDHS CODE: []	EPF CAT : 35A COMIREX NO: []		
DIA NBRG NDA07-5127-77 07 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S078917
SZCZECIN MILITARY BARRACKS 4	PL 532657N 0143010E		

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

1395

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 142-B5
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5128-77 07 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S078918

TARNOWSKIYE GORY ARMY BARRACKS UHLANEN 1 [] PL 502702N 0185037E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 323
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5129-77 07 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S078919

TARNOW ARMY BARRACKS 2 [] PL 500040N 0205820E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 192-A1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5130-77 07 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S078920

TARNOW ARMY BARRACKS 1 [] PL 500058N 0205915E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 192-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5131-77 07 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S078921

ZABKOWICE SLASKIE ARMY BARRACKS 1 [] PL 503530N 0164932E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 324
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA BIIR RDA05-0031-76 DEC 76 [] SEC CLASS: 14B MSN: [] 11P ACCN: S07892225X1

OCHAKOV AIRFIELD [] UR 463800N 0313326E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 50
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
OCHAKOV AIRFIELD GCA SITE [] UR 463859N 0313312E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 25H COMIREX NO:
OCHAKOV AIRFIELD EW RADAR SITE [] UR 463735N 0313045E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 50-A
IDHS CODE: [] EPF CAT : 25H COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF OCHAKOV AIRFIELD AND ASSOCIATED FACILITIES FROM APRIL 1968 TO OCTOBER 1975. THE AIRFIELD, LOCATED IN SOUTHWEST U.S.S.R. ON THE NORTH COAST OF THE BLACK SEA, SUPPORTS SOVIET NAVAL AVIATION ACTIVITIES. AOB [] CONSISTED OF 5 MAIL, 1 MAY, 5 HIP, 10 HORMONE, AND 1 COLT. FEATURES DESCRIBED IN THIS REPORT INCLUDE A 6,962 FT X 160 FT CONCRETE-BLOCK

25X1

1396
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

RUNWAY, TWO SOD AUXILIARY RUNWAYS, TAXIWAYS, PARKING FACILITIES, PROBABLE VTOL HARDSTANDS, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN APPROXIMATE CAPACITY OF 175,880 U.S. GALLONS, AIRCRAFT MAINTENANCE, ACCOMMODATIONS, AND TRANSPORTATION.

NPIC BIIR RCA09-0001-77 JAN 77 [] SEC CLASS: 14BX MSN: [] 3P ACCN: S078923 25X1

KAMENSK URALSKIY AIRCRAFT PARTS PLANT 268 UR 562053N 0615915E
WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 6-D2
IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1
25X1

KAMENSK-URALSKIY AIRCRAFT PARTS PLANT 268 OCCUPIES AN AREA OF 150 HECTARES. THIS SECURED PLANT IS ROAD AND RAIL SERVED AND CONSISTS OF 113 BUILDINGS AND STRUCTURES WITH A TOTAL FLOORSPACE OF APPROXIMATELY 330,861 SQUARE METERS.

OF THE 113 BUILDINGS AND STRUCTURES, 19 ARE CONSIDERED MAJOR BUILDINGS THESE MAJOR BUILDINGS ARE AS FOLLOWS: TWO FOUNDRY/FORGE BUILDINGS, A HEAVY PRESS BUILDING, TWO ASSEMBLY BUILDINGS, TWO FABRICATION/ASSEMBLY BUILDINGS, FOUR MACHINE SHOP/ASSEMBLY BUILDINGS, FIVE SHOP BUILDINGS, ONE ENGINEERING/LABORATORY BUILDING, AND TWO ADMINISTRATION/ENGINEERING BUILDINGS. THESE PRINCIPAL STRUCTURES REPRESENT A TOTAL OF 304,804 SQUARE METERS OR 92 PERCENT OF THE TOTAL FLOORSPACE AT THE PLANT. FUNCTIONS/DESCRIPTIONS, DIMENSIONS, AND CHRONOLOGICAL INFORMATION ON CONSTRUCTION OF THESE MAJOR BUILDINGS ARE PRESENTED. THE 94 MISCELLANEOUS SUPPORT BUILDINGS (UNANNOTATED) CONTAIN APPROXIMATELY 26,057 SQUARE METERS OF THE TOTAL FLOORSPACE.

NPIC TP TP002-76 JAN 77 [] SEC CLASS: 14 MSN: [] 18P ACCN: S078924 25X1

PHOTO, COMPUTER GRAPHICS/PHOTOINTERPRETATION
WAC NO : [] BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 65 COMIREX NO: []

THE PURPOSE OF THIS TECHNICAL PUBLICATION IS TO SHOW HOW COMPUTER GRAPHICS CAN BE USED TO ENHANCE THE INTERPRETABILITY OF IMAGES IN OPERATIONAL PHOTOGRAPHY. THIS REPORT DESCRIBES COMPUTER GRAPHICS CAPABILITIES AND EQUIPMENT AVAILABLE IN APSD AND SHOWS HOW THEY ARE BEING EMPLOYED TO SOLVE TARGET ANALYSIS PROBLEMS.

THE REPORT FIRST DISCUSSES PHOTOSIMULATION BY COMPUTER GRAPHICS OF SOLID SURFACES AND WIRE FRAME OBJECTS, ILLUSTRATED BY A SERIES OF EXAMPLES.

NEXT, THE CONCEPT OF EDGE DELINEATION IS DEVELOPED AND ILLUSTRATED USING WIRE FRAME MODELS. SHADOW ANALYSIS, A FURTHER CAPABILITY OF THE EQUIPMENT AND SOFTWARE, IS DISCUSSED AND ILLUSTRATED WITH OPERATIONAL EXAMPLES.

FINALLY, THE POSSIBILITIES OF USING COMPUTER-GENERATED GRAPHS IN TECHNICAL REPORTS ARE EXPLORED. THE LAST SECTION OF THE REPORT DISCUSSES FEATURES OF THE COMPUTER GRAPHICS EQUIPMENT THAT ARE OF PARTICULAR IMPORTANCE IN IMAGE ANALYSIS. A 'FLICKER' CAPABILITY IS DISCUSSED AS ONE WAY OF ACHIEVING SOLID MODEL/REAL PHOTO VISUAL CONGRUENCE. THERE IS ALSO A DISCUSSION OF THE VARIOUS CONTROLS ON THE ADAGE TO EMPHASIZE THE FLEXIBILITY THE USER HAS IN ORIENTING AND DISPLAYING ALL OR PART OF HIS WIRE FRAME MODEL.

POTENTIAL USERS ARE ENCOURAGED TO DISCUSS THEIR COMPUTER GRAPHICS REQUIREMENTS WITH APSD. APPLICATIONS

25X1

1397
TOP SECRET CHESS RUFF ZARF

TOP SECRET CHESS RUFF

25X1

AND TECHNIQUES NOT DISCUSSED IN THIS REPORT MAY ONLY NEED A USER REQUIREMENT TO BRING THEM INTO DEVELOPMENT AND IMPLEMENTATION.

DIA BIIR RDA05-0039-76 DEC 76 [] SEC CLASS: 14B MSN: [] 7P ACCN: S078925^{25X1}

LEBEDIN AIRFIELD UR 503312N 0343159E

WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 25 25X1

IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1

LEBEDIN EW RADAR SITE UR 503300N 0343100E

WAC NO : 0234 BE/OBJ NO: [] NPIC NO : 25X1

IDHS CODE: [] EPF CAT : 25A COMIREX NO: 25X1

LEBEDIN AIRFIELD GCA SITE UR 503314N 0343158E

WAC NO : 0234 BE/OBJ NO: [] NPIC NO : 25X1

IDHS CODE: [] EPF CAT : 25H COMIREX NO: 25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF LEBEDIN AIRFIELD AND RELATED FACILITIES DURING THE PERIOD SEPTEMBER 1968 TO SEPTEMBER 1976. THE FACILITY IS A JET FIGHTER BASE IN EUROPEAN U.S.S.R. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED THE CONSTRUCTION OF THE MAIN RUNWAY AND CONTROL TOWER, THE ADDITION OF TWO POL STORAGE AREAS AND AN AIRCRAFT MAINTENANCE FACILITY, AND THE EXPANSION OF THE BARRACKS AREA. FEATURES DESCRIBED IN THE REPORT INCLUDE THE 8,210 FT X 131 FT CONCRETE RUNWAY, TAXIWAYS AND PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED CAPACITY OF 472,500 U.S. GALLONS, AIRCRAFT MAINTENANCE, ACCOMMODATIONS, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY. AOB ON 20 SEPTEMBER 1975 WAS 24 FISHBED AND 1 CUB.

DIA BIIR RDA04-0004-76 DEC 76 [] SEC CLASS: 14B MSN: [] 28P ACCN: S078926^{25X1}

MISSILES, SA-5 COMPLEXES SUMMARY UR

WAC NO : BE/OBJ NO: [] NPIC NO : 25X1

IDHS CODE: EPF CAT : 40C COMIREX NO: 25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED SUMMARY OF 142 KNOWN SA-5 COMPLEXES/SITES IN THE U.S.S.R. DURING THE PERIOD JUNE 1963 TO APRIL 1976. SIGNIFICANT CHANGES AND MODIFICATIONS THAT HAVE OCCURRED AT VARIOUS SA-5 COMPLEXES/SITES DURING THE REPORTING PERIOD INCLUDE THE ADDITION OF BUNKERED MISSILE-READY BUILDINGS, ENVIRONMENTAL SHELTERS OVER LAUNCHERS, AND ARC TRANSLOADING AIDS; CONSTRUCTION OF A UKRAINA/GORKIY-TYPE REVETMENT AT ONE SA-5 COMPLEX; CONVERSION OF SA-2 SITES TO SA-5 COMPLEXES/SITES; AND UPGRADING OF SOME ASSOCIATED AIR WARNING RADAR FACILITIES. IN ADDITION, THE REPORT INCLUDES IDENTIFICATION OF A TYPE III ARCH-ROOFED BUNKER, OBSERVATION OF A CONE DISH ANTENNA, AND DESCRIPTION OF DUMMY SA-5 COMPLEXES/SITES.

NPIC PIR PIR020-76 DEC 76 [] SEC CLASS: 14A MSN: [] 6P ACCN: S078927^{25X1}

DAR ES SALAAM AW RADAR FACILITY SW TZ 065322S 0391039E

WAC NO : 1031 BE/OBJ NO: [] NPIC NO : - 3-C1 25X1

1398
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: []	EPF CAT : 25A	COMIREX NO:
DAR ES SALAAM ARMY BARRACKS	MGULANI RDR TRNG	TZ 065100S 0391639E
WAC NO : 1031	BE/OBJ NO: []	NPIC NO : - 3-A3
IDHS CODE: []	EPF CAT : 35A	COMIREX NO:
DAR ES SALAAM SA-3 SITE 2		TZ 064900S 0391830E
WAC NO : 1031	BE/OBJ NO: []	NPIC NO : - 3-I1
IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []
DAR ES SALAAM SA-3 SUPPORT FACILITY		TZ 065400S 0391700E
WAC NO : 1031	BE/OBJ NO: []	NPIC NO : - 3-65
IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1
25X1

THE FIRST TANZANIAN SA-3 SURFACE-TO-AIR MISSILE (SAM) SITES WERE RECENTLY OBSERVED ON KEYHOLE PHOTOGRAPHY OF OCTOBER AND NOVEMBER 1976. THESE SA-3 SAM SITES IN ADDITION TO PREVIOUSLY IDENTIFIED AIR WARNING (AW) RADAR SITES ARE INDICATIONS OF AN EFFORT TO UPGRADE THE AIR DEFENSE POSTURE OF THIS EAST AFRICAN COUNTRY. AIR DEFENSE ACTIVITY, AS DESCRIBED IN THIS REPORT, INCLUDES ONLY AW RADAR SITES AND SAM SITES.

DIA IIM	5B3-52012-77	12 JAN 77	[]	SEC CLASS: 13	MSN: []	5P	ACCN: S078928	25X1
	MORAVSKIY BEROUN AIR AMMO DEPOT	DETRICHOV		CZ 495125N 0172325E				25X1
	WAC NO : 0232	BE/OBJ NO: []		NPIC NO : - 309				25X1
	IDHS CODE: []	EPF CAT : 35F		COMIREX NO:				
DIA IIM	5B3-52037-77	14 JAN 77	[]	SEC CLASS: 13	MSN: []	4P	ACCN: S078929	25X1
	SLATINANY AIR AMMUNITION DEPOT			CZ 495300N 0155357E				25X1
	WAC NO : 0231	BE/OBJ NO: []		NPIC NO : - 37-B				25X1
	IDHS CODE: []	EPF CAT : 35F		COMIREX NO:				
DIA IIM	5B3-52039-77	12 JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078930	25X1
	BORISOVSKIY AIRFIELD AAM STORAGE POTENTIAL			UR 573921N 0340558E				25X1
	WAC NO : 0154	BE/OBJ NO: []		NPIC NO : - 101				25X1
	IDHS CODE: []	EPF CAT : 05I		COMIREX NO: []				25X1
DIA IIM	5B3-52041-77	12 JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078931	25X1
	KANSK AIRFIELD SOUTH AAM STORAGE POTENTIAL			UR 560724N 0953937E				25X1
	WAC NO : 0159	BE/OBJ NO: []		NPIC NO : - 6-F				25X1
	IDHS CODE: []	EPF CAT : 05I		COMIREX NO: []				25X1
DIA IIM	5B3-52043-77	12 JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078932	25X1

25X1

1399
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

KUPINO AIRFIELD AAM STORAGE POTENTIAL UR 542100N 0772114E
WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - 6
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52046-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07893325X1

NOVOSIBIRSK/TOLMACHEVO AFLD AAM STORAGE PTNTL UR 550046N 0823854E
WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - A
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52048-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07893425X1

MUROM AIRFIELD AAM STORAGE POTENTIAL UR 552622N 0421841E
WAC NO : 0166 BE/OBJ NO: [] NPIC NO : - 15-A
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52049-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07893525X1

MORSHANSK AIRFIELD AAM STORAGE POTENTIAL UR 532624N 0414409E
WAC NO : 0166 BE/OBJ NO: [] NPIC NO : - 14
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52050-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07893625X1

LIPETSK AIRFIELD WEST AAM STORAGE POTENTIAL UR 523810N 0392646E
WAC NO : 0166 BE/OBJ NO: [] NPIC NO : - 11
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52052-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07893725X1

KARABULAK/BUKHTARMINSKOYE AIRFIELD UR 473638N 0843441E
WAC NO : 0243 BE/OBJ NO: [] NPIC NO : - 201
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52053-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07893825X1

OMSK AIRFIELD EAST AAM STORAGE POTENTIAL UR 545824N 0733319E
WAC NO : 0163 BE/OBJ NO: [] NPIC NO : - 5-G
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52056-77 12 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S07893925X1

OREL AIRFIELD SW AAM STORAGE POTENTIAL UR 525605N 0360007E

25X1

1400
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0167
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05I

NPIC NO : - 65
COMIREX NO: []

25X1
25X1
25X1

DIA	IIM	583-52066-77	14 JAN 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S078941	25X1
		TASNAD AIRFIELD SEARCH							
		WAC NO : 0251		BE/OBJ NO: []	RO 472740N 0223320E				25X1
		IDHS CODE: []		EPF CAT : 05A	NPIC NO :				25X1
					COMIREX NO:				
DIA	IIM	583-52067-77	14 JAN 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S078942	25X1
		ZALAU AIRFIELD SEARCH							
		WAC NO : 0251		BE/OBJ NO: []	RO 471250N 0230150E				25X1
		IDHS CODE: []		EPF CAT : 05A	NPIC NO : - 243-A				25X1
					COMIREX NO:				
DIA	IIM	583-52068-77	14 JAN 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S078943	25X1
		MARGHITA AIRFIELD SEARCH							
		WAC NO : 0251		BE/OBJ NO: []	RO 471940N 0222020E				25X1
		IDHS CODE: []		EPF CAT : USA	NPIC NO :				25X1
					COMIREX NO:				
DIA	IIM	583-52069-77	14 JAN 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S078944	25X1
		PETRESTI/VEZENDIU AIRFIELD SEARCH							
		WAC NO : 0251		BE/OBJ NO: []	RO 473610N 0222350E				25X1
		IDHS CODE: []		EPF CAT : 05A	NPIC NO :				25X1
					COMIREX NO:				
DIA	IIM	583-52073-77	13 JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078945	25X1
		BEREZA AIRFIELD AAM STORAGE POTENTIAL							
		WAC NO : 0168		BE/OBJ NO: []	UR 523328N 0245251E				25X1
		IDHS CODE: []		EPF CAT : 05I	NPIC NO : - 6				25X1
					COMIREX NO: []				25X1
DIA	IIM	583-52074-77	14 JAN 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S078946	25X1
		ROSS AIRFIELD AAM STORAGE POTENTIAL							
		WAC NO : 0168		BE/OBJ NO: []	UR 531810N 0242206E				25X1
					NPIC NO : - 63				25X1

25X1

1401
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25A1

	IDHS CODE		EPF CAT : 05I	COMIREX NO:				25X1
DIA IIM	5B3-52075-77	13 JAN 77		SEC CLASS: 13	MSN:		1P	ACCN: S07894725X1
	MAKANCHI AIRFIELD			UR 464830N 0820030E				25X1
	WAC NO : 0244		BE/OBJ NO:	NPIC NO : - 215				25X1
	IDHS CODE:		EPF CAT : USA	COMIREX NO:				
DIA IIM	5B3-52077-77	13 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S07894825X1
	PETROPAVLOVSK/YELIZOVO AFLD AAM STORAGE PTNTL			UR 530958N 1582710E				25X1
	WAC NO : 0194		BE/OBJ NO:	NPIC NO : - 11-A				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:				
DIA IIM	5B3-52082-77	13 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S07894925X1
	VOZZHAYEVKA AIRFIELD NE AAM STORAGE POTENTIAL			UR 504610N 1284628E				25X1
	WAC NO : 0203		BE/OBJ NO:	NPIC NO : - 30-B				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:				
DIA IIM	5B3-52083-77	14 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S07895025X1
	BARANOVICHI AIRFIELD AAM STORAGE POTENTIAL			UR 530542N 0260254E				25X1
	WAC NO : 0168		BE/OBJ NO:	NPIC NO : - 3				25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:				
NPIC MEMO		19 JAN 77		SEC CLASS: 14B	MSN:		4P	ACCN: S07895125X1
	RIGA MILITARY SCHOOL SIGNAL UNIT			UR 565720N 0240420E				25X1
	WAC NO : 0153		BE/OBJ NO:	NPIC NO : - 63-V9				25X1
	IDHS CODE:		EPF CAT : 35B	COMIREX NO:				
	IN A SEARCH OF PHOTOGRAPHY [REDACTED] FOR A SOVIET AIR FORCE SIGNAL REGIMENT, THIS MEMORANDUM IDENTIFIES THE SEARCH AREA AS MATCHING THE DESCRIPTION OF THE RIGA MILITARY SCHOOL, FACILITIES, VEHICLES, INCLUDING A PROBABLE BTR-60PU, AND COMMUNICATIONS EQUIPMENT, INCLUDING AN R-125, AND A PROBABLE R-122, WHICH ARE SEEN ARE LISTED.*							
DIA IIM	5B3-52140-77	21 JAN 77		SEC CLASS: 13	MSN:		3P	ACCN: S07895225X1
	VOHMA AIRFIELD			UR 583942N 0253446E				25X1
	WAC NO : 0153		BE/OBJ NO:	NPIC NO : - 142-A				25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:				

1402
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA	IIM	5B3-52120-77	18 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: 1212-4	1P	ACCN: S078953	25X1
		LENINGRAD ORDNANCE R+D FACILITY			UR	600307N 0303237E			
		WAC NO : 0103		BE/OBJ NO: [REDACTED]	NPIC NO : - 42-M1				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 35G	COMIREX NO: [REDACTED]				25X1
DIA	IIM	5B3-52079-77	17 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S078954	25X1
		CAREI AIRFIELD EAST SEARCH			RO	474010N 0223210E			
		WAC NO : 0251		BE/OBJ NO: [REDACTED]	NPIC NO :				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A	COMIREX NO:				25X1
DIA	IIM	5B3-52122-77	17 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078955	25X1
		STARO KONSTANTINOV AIRFIELD AAM STORAGE PTNTL			UR	494453N 0271619E			
		WAC NO : 0233		BE/OBJ NO: [REDACTED]	NPIC NO : - 55-A				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO: [REDACTED]				25X1
DIA	IIM	5B3-52105-77	17 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078956	25X1
		KOMSOMLSK AIRFIELD AAM STORAGE POTENTIAL			UR	503558N 1370514E			
		WAC NO : 0204		BE/OBJ NO: [REDACTED]	NPIC NO : - 13-C				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO: [REDACTED]				25X1
DIA	IIM	5B3-52104-77	17 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078957	25X1
		KHABAROVSK/BLAGODATNOYE AFLD AAM STGE PTNTL			UR	482437N 1352459E			
		WAC NO : 0204		BE/OBJ NO: [REDACTED]	NPIC NO : - 7-S				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO: [REDACTED]				25X1
DIA	IIM	5B3-52061-77	JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078958	25X1
		YEFREMOV AIRFIELD AAM STORAGE POTENTIAL			UR	530651N 0381449E			
		WAC NO : 0167		BE/OBJ NO: [REDACTED]	NPIC NO : - 88-A				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO: [REDACTED]				25X1
DIA	IIM	5B3-52065-77	17 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078959	25X1
		KRICHEV AIRFIELD AAM STORAGE POTENTIAL			UR	534404N 0315508E			
		WAC NO : 0167		BE/OBJ NO: [REDACTED]	NPIC NO : - 33				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO: [REDACTED]				25X1
DIA	IIM	5B3-52098-77	17 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S078960	25X1

1403
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SMIRNYKH AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0205 BE/OBJ NO: IDHS CODE: EPF CAT : 051

UR 494421N 1425147E NPIC NO : - 11-H COMIREX NO:

25X1

DIA IIM 5B3-52106-77 17 JAN 77 SEC CLASS: 13 MSN: 2P

ACCN: S078961 25X1

OKHA AIRFIELD SW

WAC NO : 0196 BE/OBJ NO: IDHS CODE: EPF CAT : 05A

UR 533041N 1425229E NPIC NO : - 9-A COMIREX NO:

25X1

DIA IIM 5B3-52109-77 17 JAN 77 SEC CLASS: 13 MSN: 1P

ACCN: S078962 25X1

SATU MARE AIRFIELD

WAC NO : 0251 BE/OBJ NO: IDHS CODE: EPF CAT : 05A

RO 474300N 0225310E NPIC NO : - 98 COMIREX NO:

25X1

DIA IIM 5B3-52119-77 17 JAN 77 SEC CLASS: 13 MSN: 2P

ACCN: S078963 25X1

KIYEV/BORISPOL AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0233 BE/OBJ NO: IDHS CODE: EPF CAT : 051

UR 502043N 0305344E NPIC NO : - 4 COMIREX NO:

25X1

DIA IIM 5B3-52080-77 17 JAN 77 SEC CLASS: 13 MSN: 2P

ACCN: S078964 25X1

BOBROVKA AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0165 BE/OBJ NO: IDHS CODE: EPF CAT : 051

UR 530845N 0504247E NPIC NO : - 5 COMIREX NO:

25X1

DIA IIM 5B3-52085-77 17 JAN 77 SEC CLASS: 13 MSN: 2P

ACCN: S078965 25X1

DAUGAVPILS AIRFIELD NE AAM STORAGE POTENTIAL

WAC NO : 0168 BE/OBJ NO: IDHS CODE: EPF CAT : 051

UR 555633N 0264008E NPIC NO : - 18-D COMIREX NO:

25X1

DIA IIM 5B3-52086-77 17 JAN 77 SEC CLASS: 13 MSN: 2P

ACCN: S078966 25X1

KALININGRAD/YEZAU AIRFIELD AAM STORAGE PTNTL

WAC NO : 0169 BE/OBJ NO: IDHS CODE: EPF CAT : 051

UR 543348N 0203610E NPIC NO : - 57-C COMIREX NO:

25X1

DIA IIM 5B3-52033-77 18 JAN 77 SEC CLASS: 13 MSN: 3P

ACCN: S078967 25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

RAKOVNIK AIR AMMUNITION DEPOT SE CZ 500528N 0134734E
WAC NO : 0231 BE/OBJ NO: NPIC NO : - 270-A1
IDHS CODE: EPF CAT : 35F COMIREX NO:

25X1
25X1

25X1

DIA	IIM	5B3-52084-77	18 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S078969	25X1
		MINSK/MACHULISHCHE AIRFIELD AAM STORAGE PNTL			UR	534626N	0273442E			25X1
		WAC NO : 0168		BE/OBJ NO:		NPIC NO :	- 47			25X1.1
		IDHS CODE:		EPF CAT : 05I		COMIREX NO:				25X1
DIA	IIM	5B3-52064-77	18 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S078970	25X1
		SMOLENSK AIRFIELD AAM STORAGE POTENTIAL			UR	544928N	0320128E			25X1
		WAC NO : 0167		BE/OBJ NO:		NPIC NO :	- 77-A			25X1
		IDHS CODE:		EPF CAT : 05I		COMIREX NO:				25X1
DIA	IIM	5B3-52112-77	18 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S078971	25X1
		STRYY AIRFIELD AAM STORAGE POTENTIAL			UR	491443N	0234726E			25X1
		WAC NO : 0232		BE/OBJ NO:		NPIC NO :	- 186			25X1
		IDHS CODE:		EPF CAT : 05I		COMIREX NO:				25X1
DIA	IIM	5B3-52103-77	18 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S078972	25X1
		KHADA BULAK AIRFIELD NORTH AAM STORAGE PNTL			UR	504451N	1161344E			25X1
		WAC NO : 0202		BE/OBJ NO:		NPIC NO :	- 6			25X1
		IDHS CODE:		EPF CAT : 05I		COMIREX NO:				25X1
DIA	IIM	5B3-52102-77	18 JAN 77		SEC CLASS: 13	MSN:		2P	ACCN: S078973	25X1
		BELAYA AIRFIELD AAM STORAGE POTENTIAL			UR	525454N	1033434E			25X1
		WAC NO : 0200		BE/OBJ NO:		NPIC NO :	- 2			25X1
		IDHS CODE:		EPF CAT : 05I		COMIREX NO:				25X1
DIA	IIM	5B3-52095-77	18 JAN 77		SEC CLASS: 13	MSN:		3P	ACCN: S078974	25X1
		TRENCIN AIRCRAFT REPAIR BASE			CZ	485227N	0180112E			25X1

1405
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 05F COMIREX NO:

25X1
25X1

DIA IIM 5B3-52117-77 18 JAN 77 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S078975 25X1

POVAZSKA BYSTRICA AIR AMMUNITION DEPOT RASOV CZ 491001N 0183229E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 136-C
IDHS CODE: [] EPF CAT : 35F COMIREX NO:

25X1
25X1

25X1

DIA IIM 5B3-52136-77 21 JAN 77 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S078975 25X1

ZHITOMIR/SKOMOROKHI AIRFIELD AAM STGE PTNTL UR 500933N 0284419E
WAC NO : 0233 BE/OBJ NO: [] NPIC NO : - 67
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52133-77 21 JAN 77 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S078975 25X1

GORODOK AIRFIELD AAM STORAGE POTENTIAL UR 494416N 0234006E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 47
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52135-77 21 JAN 77 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S078980 25X1

IVANO FRANKOVSK AIRFIELD AAM STORAGE PTNTL UR 485317N 0244130E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 183-A
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA BIIR RDA11-0010-76 DEC 76 [] SEC CLASS: 14B MSN: [] 14P

ACCN: S078981 25X1

NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445 UR 465840N 0320019E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 46-C

25X1

1406
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []
NIKOLAYEV PETROLEUM PRODUCTS STORAGE KOMMUNA	UR 465844N	0320100E
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : []
IDHS CODE: []	EPF CAT : 80A	COMIREX NO: []
NIKOLAYEV THERMAL POWER PLANT KOMMUNAR	UR 465831N	0320039E
WAC NO : 0250	BE/OBJ NO: []	NPIC NO : []
IDHS CODE: []	EPF CAT : 30E	COMIREX NO: []

25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445, U. S.S.R. THE INSTALLATION IS LOCATED ALONG THE BANKS OF THE INGUL RIVER ON THE NORTH SIDE OF NIKOLAYEV. IT IS ONE OF THE MAJOR SHIPYARDS SERVING THE SOVIET BLACK SEA FLEET THAT IS CURRENTLY CONSTRUCTING KARA CG, A NEW CLASS AOR, AND BERINGOV PROLIV TR. THIS 200-ACRE FACILITY CONTAINS 3 PIERS, 1 WHARF, 1 BASIN, 3 BUILDINGWAYS [] OF QUAYAGE, 36 CRANEWAYS (ONE UNDER CONSTRUCTION), 1 POL TANK STORAGE AREA, 1 PLATEN AREA, 20 OPEN STORAGE AREAS, 1 STORAGE TANK UG, 2 POL STORAGE TANKS UG, AND 11 POL STORAGE TANKS WITH A TOTAL ESTIMATED CAPACITY OF 2,461,700 U.S. GALLONS. IN ADDITION, NIKOLAYEV PETROLEUM PRODUCTS STORAGE KOMMUNA CONTAINS 48 HORIZONTAL POL STORAGE TANKS WITH A TOTAL ESTIMATED STORAGE CAPACITY OF 286, 400 U.S. GALLONS. THE SHIPYARD ALSO INCLUDES 281 BUILDINGS/STRUCTURES FOR ADMINISTRATION, FABRICATION, REPAIR, STORAGE, SECURITY, MAINTENANCE, AND SUPPORT FUNCTIONS.

25X1

NPIC MEMO [] 26 JAN 77 [] SEC CLASS: 14B MSN: [] 1P ACCN: S078982 25X1

ZHIGULEVSK RADIO RELAY + TV BROADCAST CENTER	UR 532510N	0492615E
WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 39-C
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []
ZHIGULEVSK RADIO RELAY + TV BROADCAST CENTER	UR 532510N	0492615E
WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 39-C
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []

25X1
25X1
25X1
25X1

NPIC MEMO [] 26 JAN 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S078983 25X1

CHERNOYE AIR DEFENSE HQ COMSAT EQUIP MBL SRCH	UR 554603N	0380131E
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 46-W1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
MOSKVA ARMY BARRACKS COMSAT EQUIP MBL SRCH	UR 555220N	0372840E
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 37-A1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
MOSKVA ARMY BARRACKS COMSAT EQUIP MBL SRCH	UR 555220N	0372840E
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 37-A1
IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1

NPIC MEMO [] 26 JAN 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S078984 25X1

1407
TOP SECRET CHESS RUFF

25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1
25X1

NARO FOMINSK COMMAND CONTROL FACIL U/I ANTS UR 552754N 0364856E
WAC NO : 0167 BE/OBJ NO [REDACTED] NPIC NO : - 121-P1
IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: [REDACTED]

25X1
25X1
25X1

PHOTOGRAPHY [REDACTED] WAS USED FOR THIS MEMORANDUM WHICH GIVES THE AZIMUTHS OF THE THREE FREQUENCY DIVERSE PAIRS OF HARDENED ANTENNAS AT NARO-FOMINSK U/I CC FAC/BNK/HD. THIS FACILITY HAS NO MULTI-CHANNEL ANTENNAS OR ABOVE GROUND ANTENNAS.*

25X1

1408
TOP SECRET CHESS RUFF [REDACTED]

25X1

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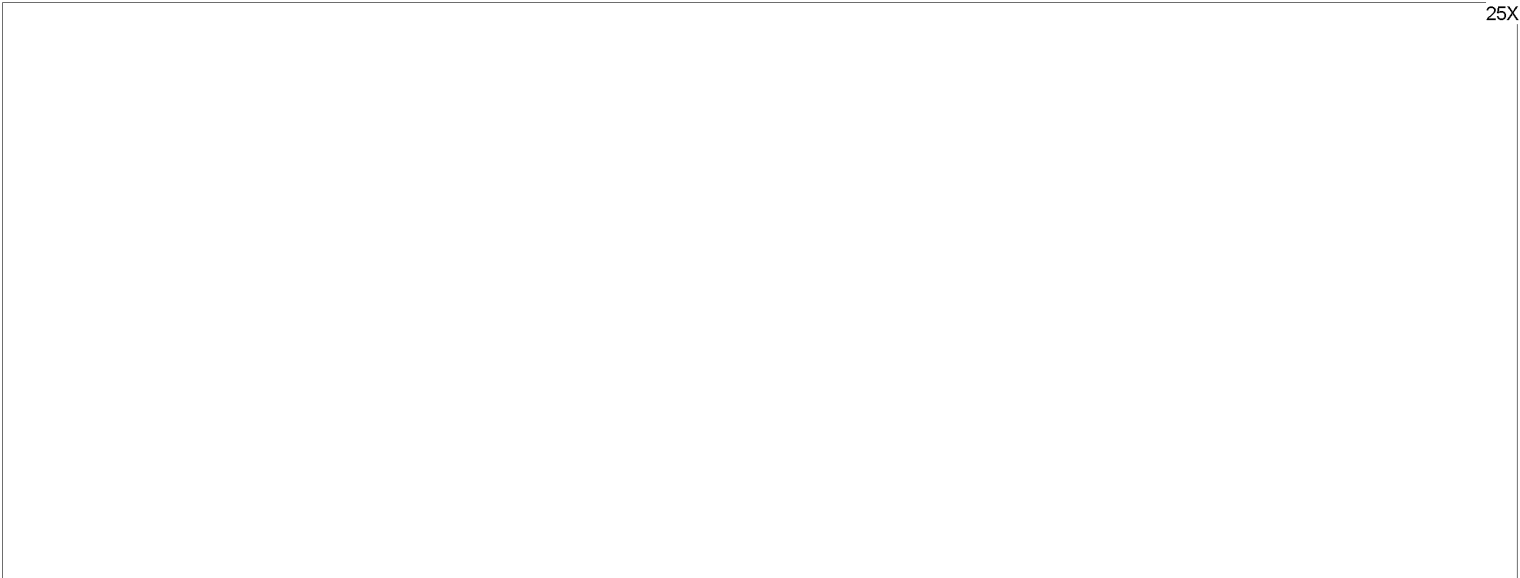
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TOP SECRET CHESS RUFF



25X1



25X1

NPIC BRAD [redacted] 03 JAN 77 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S0790025X1

BULGAN ARMY BARRACKS AL1 SOVIET CF/CNCLMT ACT MG 483454N 1032803E
WAC NO : 0241 BE/OBJ NO: [redacted] NPIC NO : - 7 25X1
IDHS CODE: [redacted] EPF CAT : 35A COMIREX NO: [redacted] 25X1

PHOTOGRAPHY [redacted] OF BULGAN ARMY BARRACKS AL-1 SHOWS THE ROOFS OF FOUR VEHICLE STORAGE BUILDINGS PAINTED IN A DISRUPTIVE PATTERN. TWO OTHER VEHICLE STORAGE BUILDINGS WERE PARTIALLY PAINTED.* 25X1

NPIC BRAD [redacted] 03 JAN 77 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S0790025X1

BULGAN ARMY BARRACKS AL1 SOVIET CF/CNCLMT ACT MG 483454N 1032803E
WAC NO : 0241 BE/OBJ NO: [redacted] NPIC NO : - 7 25X1

1412
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

PHOTOGRAPHY [] OF BILGAN ARMY BARRACKS AL-1 SHOWS FROG 3/5 TEL AND PROBABLE FROG RESUPPLY TRAILERS []

25X1
25X1

NPIC BRAD [] 03 JAN 77 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S079009

25X1
25X1

MANDALGOVI MILITARY INSTL SOV CF/CNCLMT ACT MG 454459N 1061443E
WAC NO : 0286 BE/OBJ NO: [] NPIC NO : - 3-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1

PHOTOGRAPHY [] OF MANDALGOVI MILITARY INSTALLATION SHOWS ELEMENTS OF A TANK BATTALION AND AN ANTI-TANK BATTALION CANVAS AND NET-COVERED.*

25X1
25X1

NPIC BRAD [] 03 JAN 77 [] SEC CLASS: 13 MSN: [] 3P

ACCN: S079010

KHARKOV TANK + LOCO PLT ENGINEERING AREA ACT UR 495802N 0361706E
WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 15-H3
IDHS CODE: [] EPF CAT : 35G COMIREX NO: []

25X1
25X1

KHARKOV TANK + LOCO PLT ENGINEERING AREA ACT UR 495802N 0361706E
WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 15-H3
IDHS CODE: [] EPF CAT : 85B COMIREX NO: []

25X1
25X1

MILITARY, KHARKOVCHANKA-2 ANTARCTIC RSCH VEH UR
WAC NO : [] BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 35E COMIREX NO: []

A PROBABLE KHARKOVCHANKA-2 ANTARCTIC RESEARCH VEHICLE, A TANK CHASSIS, AND A LONG TRACK CHASSIS WERE SEEN ON PHOTOGRAPHY [] IN A NEWLY IDENTIFIED PROBABLE ENGINEERING AREA SOUTH OF KHARKOV TANK AND LOCOMOTIVE PLANT MALYSHEV 75.*

25X1

NPIC BRAD [] 04 JAN 77 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S079011

25X1
25X1

CHINGMEN SEAPLANE STATION HARB A IDENT CH 305900N 1120335E
WAC NO : 0494 BE/OBJ NO: [] NPIC NO : - 35-A
IDHS CODE: [] EPF CAT : 05B COMIREX NO: []

25X1
25X1

AIRCRAFT, HARB A CH
WAC NO : [] BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 05B COMIREX NO: []

25X1

THE FIRST IDENTIFICATION OF THE HARB-A ASW AMPHIBIAN AIRCRAFT AWAY FROM HA-ERH-PIN AIRFRAME PLANT PING-FANG WAS MADE FROM [] PHOTOGRAPHY OF CHING-MEN SEAPLANE STATION. THIS IS THE FIRST SIGHTING OF THE HARB-A IN OVER TWO YEARS.*

25X1

1413
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

NPIC BRAD [redacted] 10 JAN 77 [redacted] SEC CLASS: 13 MSN: [redacted] 2P ACCN: S079012 25X1

RAMENSKOYE FLIGHT TEST CTR LUK A MODIF IDENT UR 553418N 0380923E
WAC NO : 0167 BE/OBJ NO: [redacted] NPIC NO : - 50
IDHS CODE: [redacted] EPF CAT : 05G COMIREX NO: [redacted]
AIRCRAFT, LUK A/LUK A MODIFIED UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:
LUKHOVITSY AIRFIELD LUK A UR 545420N 0390141E
WAC NO : 0166 BE/OBJ NO: [redacted] NPIC NO : - 12
IDHS CODE: [redacted] EPF CAT : 05A COMIREX NO: [redacted]

25X1
25X1

THE FIRST IDENTIFICATION OF A MODIFIED LUK-A AIRCRAFT WAS MADE FROM PHOTOGRAPHY [redacted] OF
THE RAMENSKOYE FLIGHT TEST CENTER. THE MODIFIED LUK-A IS COMPARED TO THE LUK-A OBSERVED AT LUKHOVITSY
AIRFIELD IN NOVEMBER 1975.*

25X1
25X1

25X1

NPIC BRAD [redacted] 12 JAN 77 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S079013 25X1

MILITARY, USSR-CHINA-MONGOLIA BORDER SOV DEFS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:
MILITARY, CHINA-USSR-MONGOLIA BORDER SOV DEFS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:
MILITARY, MONGOLIA-USSR-CHINA BORDER SOV DEFS MG
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

ON PHOTOGRAPHY [redacted] AT LEAST 207 NEW STATIC DEFENSIVE POSITIONS, MOST IN AN EARLY
STAGE OF CONSTRUCTION, WERE IDENTIFIED ALONG THE SINO-SOVIET BORDER IN THE TRANSBAYKAL MILITARY DISTRICT.*

25X1

NPIC BRAD [redacted] 18 JAN 77 [redacted] SEC CLASS: 13 MSN: [redacted] 3P ACCN: S079014 25X1

NOVOSIBIRSK AIRFRAME PLANT FLAGON F TANDEM UR 550401N 0825910E
WAC NO : 0162 BE/OBJ NO: [redacted] NPIC NO : - 7-F
IDHS CODE: [redacted] EPF CAT : 05G COMIREX NO: [redacted]
AIRCRAFT, FLAGON F SU-15 TWO-SEAT TANDEM UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1
25X1

THE FIRST IDENTIFICATION OF A TWO-SEAT, IN TANDEM, FLAGON F WAS MADE FROM PHOTOGRAPHY OF NOVOSIBIRSK
AIRFRAME PLANT CHKALOV 153 [redacted]

25X1

25X1

1414
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

25X1

CIA NOTE ISSN0001-77 10 JAN 77 SEC CLASS: 05 MSN: 10P ACCN: S079016

MILITARY, PONTOON BRIDGE REGTS MR HQ ASSOC CH
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35 COMIREX NO:
 NABEREZHNYE CHELNY MOTOR VEH PLT KAMAZ TRKS UR 554130N 0522730E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : - 35-D
 IDHS CODE: EPF CAT : 85A COMIREX NO:
 TANGSHAN HEAT + THERMAL POWER PLANT RECONST CH 393851N 1181154E
 WAC NO : 0381 BE/OBJ NO: NPIC NO : - 65-c
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 LIYUANCHEN THERMAL POWER PLANT RECONSTRUCTION CH 394615N 1181640E
 WAC NO : 0381 BE/OBJ NO: NPIC NO : - 119-C1
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 HAI PHONG CEMENT PLANT RECONSTRUCTION VM 205149N 1064023E
 WAC NO : 0616 BE/OBJ NO: NPIC NO : - 109-P1
 IDHS CODE: EPF CAT : 30B COMIREX NO:
 ELECTRONICS, ECM FACILITY PROB IDENTIFICATION IR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

NPIC MEMO 17 JAN 77 SEC CLASS: 13 MSN: 2P ACCN: S079017

AIRCRAFT, FENCER SU-19 REFUELING PROBE POSS UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1

DIA NBRG NDA06-5013-77 30 DEC 76 SEC CLASS: 04 MSN: 1P ACCN: S079018

SHANGHAI NAVAL FACILITIES APPROACHES CH 3113 N 12128 E
 WAC NO : 0492 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5014-77 30 DEC 76 SEC CLASS: 05G MSN: 1P ACCN: S079019

SHANGHAI SHIPYARD KIANGNAN DOCK COMPANY CH 311205N 1212901E

25X1

1415
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-R
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5015-77 30 DEC 76 SEC CLASS: 056 MSN: 1P ACCN: S079020

SHANGHAI SHIPYARD CHIUHSIN CH 311240N 1212941E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-S3
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5016-77 30 DEC 76 SEC CLASS: 056 MSN: 1P ACCN: S079021

SHANGHAI NAVAL BASE + SHIPYARD INTERNATIONAL CH 311538N 1213240E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-S4
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []

25X1
25X1

SHANGHAI NAVAL BASE + SHIPYARD INTERNATIONAL CH 311538N 1213240E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-S4
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5017-77 30 DEC 76 SEC CLASS: 056 MSN: 1P ACCN: S079022

SHANGHAI NAVAL BASE + SHIPYARD HUTUNG CH 311647N 1213401E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-S1
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []

25X1
25X1

SHANGHAI NAVAL BASE + SHIPYARD HUTUNG CH 311647N 1213401E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-S1
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5018-77 30 DEC 76 SEC CLASS: 056 MSN: 1P ACCN: S079023

SHANGHAI SHIPYARD CHUNGHUA CH 311703N 1213334E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 28-S2
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5019-77 30 DEC 76 SEC CLASS: 056 MSN: 1P ACCN: S079024

SHANGHAI NAVAL BASE WUSUNG CH 312340N 1212959E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : - 37-D
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []

25X1
25X1

25X1

1416
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

DIA	NBRG	NDA07-5116-77	31 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S079026
		MARCALI ARMY BARRACKS HUNYADI JANOS 1		HU 463500N 0172450E		
		WAC NO : 0252	BE/OBJ NO: []	NPIC NO : - 85-A		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5117-77	31 DEC 76	SEC CLASS: 05B MSN:	1P	ACCN: S079027
		TAB ARMY BARRACKS EAST 201		HU 464407N 0180430E		
		WAC NO : 0252	BE/OBJ NO: []	NPIC NO : - 58-A		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5134-77	19 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S079028
		DUSHETI ARMY BARRACKS SE AL1		UR 420502N 0444205E		
		WAC NO : 0325	BE/OBJ NO: []	NPIC NO : - 135		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5135-77	19 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S079029
		DZHULFA ARMY BARRACKS NORTH AL1		UR 385745N 0453725E		
		WAC NO : 0340	BE/OBJ NO: []	NPIC NO : - 14		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1
DIA	NBRG	NDA07-5136-77	19 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S079030
		NAKHICHEVAN ARMY BARRACKS AL4		UR 391119N 0452405E		
		WAC NO : 0340	BE/OBJ NO: []	NPIC NO : - 4-A8		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DIA	NBRG	NDA07-5137-77	19 JAN 77	SEC CLASS: 05B MSN:	1P	ACCN: S079031
		NAKHICHEVAN ARMY BARRACKS ALS		UR 391110N 0452655E		
		WAC NO : 0340	BE/OBJ NO: []	NPIC NO : - 4-E1		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []		25X1

25X1

1417
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

DIA NBRG NDA07-5133-77 19 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S079033
 SZCZECIN ARMY BARRACKS 7 PL 532524N 0143235E
 WAC NO : 0169 BE/OBJ NO: NPIC NO : - 142-E1
 IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA BIIR RDA05-0042-76 JAN 77 SEC CLASS: 14B MSN: 10P ACCN: S07903425X1
 KALININGRAD/KHRABROVO AIRFIELD UR 545320N 0203517E
 WAC NO : 0169 BE/OBJ NO: NPIC NO : - 57-B
 IDHS CODE: EPF CAT : 05A COMIREX NO:
 KALININGRAD/KHRABROVO AIRFIELD GCA SITE UR 545323N 0203517E
 WAC NO : 0169 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25H COMIREX NO:

25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF KALININGRAD/KHRABROVO AIRFIELD AND RELATED FACILITY DURING THE PERIOD AUGUST 1971 TO FEBRUARY 1976. THE AIRFIELD IS IN EUROPEAN U.S.S.R. AND SERVES AS A BOMBER AIRCRAFT AND CIVIL AVIATION BASE. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED THE CONSTRUCTION OF A PROBABLE CIVIL PARKING APRON AND TAXIWAY AND THE EXTENSION AND RESURFACING OF THE RUNWAY. FEATURES DESCRIBED IN THE REPORT INCLUDE A CONCRETE RUNWAY TAXIWAYS AND PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED TOTAL CAPACITY OF 1, 184, 813 U.S. GALLONS, AIRCRAFT MAINTENANCE, ADMINISTRATION, ACCOMMODATIONS, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY. AOB INCLUDED 14 BEAGLE, 4 CAT/CUB, 8 COKE/CURL, 2 CRATE, 5 CAB, AND 8 COLT.

25X1
25X1

DIA BIIR RDA10-0021-76 DEC 76 SEC CLASS: 14B MSN: 9P ACCN: S07903625X1
 UZLOVAYA RAILROAD STATION CLF YARDS + SHOPS UR 535917N 0380948E
 WAC NO : 0167 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 85B COMIREX NO:

25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF UZLOVAYA RAILROAD STATION CLASSIFICATION YARDS AND SHOPS. THE FACILITY IS LOCATED IN WESTERN U.S.S.R., APPROXIMATELY 7 NM SOUTH OF NOVOMOSKOVSK AND 103.7 NM SOUTH OF MOSCOW. THE INSTALLATION HAS MAXIMUM DIMENSIONS OF 13,000 FT X 1,100 FT OF USABLE TRACK. IT CONTAINS 81 BUILDINGS/STRUCTURES AND THE FOLLOWING FUNCTIONAL AREAS -- ONE WYE AREA, ONE TRANSSHIPMENT AREA, ONE PASSENGER STATION, ONE POL STORAGE AREA, ONE SUPPORT AND SHOP

25X1
25X1

1418
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AREA, ONE ENGINE AND CAR REPAIR AREA, ONE STORAGE AREA, ONE SIDING/SUPPORT AREA, THREE HOLDING YARDS, AND ONE RUNNING TRACK AND SIDING.

DIA BIIR RDA10-0003-76 JAN 77 [] SEC CLASS: 14A MSN: [] 5P ACCN: S079037 25X1

UST DONETSK PORT COMPLEX SEVERNYY DONETS RVR UR 473758N 0405122E
WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 63
IDHS CODE: [] EPF CAT : 75I COMIREX NO: []

25X1
25X1
25X1

THIS REPORT UPDATES DIA, RDA-10/0002/74, UST DONETSK PORT COMPLEX SEVERNYY DONETS RIVER, U.S.S.R., OCT 73. CHANGES IN THE COMPLEX INCLUDE SEVERAL BUILDINGS WITH SECTIONS REMOVED OR ADDED, FOUR NEW OPEN STORAGE AREAS, ONE OPEN STORAGE AREA REMOVED, AND SIX PIECES OF MECHANICAL HANDLING EQUIPMENT ADDED AND TWO PIECES REMOVED. SEVERAL FENCES, WALLS, CRANEWAYS, RAIL SPURS, AND ROADS HAVE BEEN REMOVED, ADDED, OR MODIFIED. A BULKHEAD IS UNDER CONSTRUCTION AND ONE PIER AND ONE OFFSHORE WHARF HAVE BEEN ADDED.

DIA BIIR RDA05-0035-76 JAN 77 [] SEC CLASS: 14A MSN: [] 9P ACCN: S079038 25X1

MARJ RUHAYYIL AIRFIELD SY 331654N 0362730E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : - 122
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF MARJ RUHAYYIL AIRFIELD DURING THE PERIOD [] THE INSTALLATION IS A JET FIGHTER BASE IN SOUTHWEST SYRIA. [] AOB INCLUDED ONE FISHBED AND FIVE DERELICT FRESCO. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED THE CONSTRUCTION OF A POL STORAGE AREA, AN AMMUNITION STORAGE AREA, A WATER PIPELINE, AND A PERIMETER SECURITY FENCE. IN ADDITION, THE MAIN RUNWAY AND TAXIWAY SYSTEM WERE GRADED AND SURFACED WITH ASPHALT. FEATURES DESCRIBED IN THIS REPORT INCLUDE AN ASPHALT/CONCRETE RUNWAY [] [] TWO GRADED EARTH AUXILIARY RUNWAYS, A POL STORAGE AREA WITH A TOTAL CAPACITY OF 3,119 BARRELS (130,977 U.S. GALLONS), AIRCRAFT MAINTENANCE, ORDNANCE, ACCOMMODATIONS AND SUPPORT, STORAGE, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY.

25X1
25X1
25X1

25X1
25X1

DIA BIIR RDA05-0038-76 JAN 77 [] SEC CLASS: 14A MSN: [] 6P ACCN: S079039 25X1

ABU AD DUHUR AIRFIELD SY 354405N 0370633E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : - 119
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
ABU AD DUHUR AIRFIELD AVIATION HEADQUARTERS SY 354405N 0370633E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1

25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF ABU AD DUHUR AIRFIELD DURING THE PERIOD JULY 1972 THROUGH MARCH 1976. THE JET FIGHTER BASE IS IN NORTHWEST SYRIA. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED INITIAL CONSTRUCTION ON ABU AD DUHUR AIRFIELD -- CONSTRUCTION OF A MAIN RUNWAY,

25X1

1419
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

A RUNWAY/PARALLEL TAXIWAY, TWO END-CONNECTING AND TWO HIGH-SPEED CROSSOVER LINKS, AND SEVEN DOUBLE-BAY AND SIX SINGLE-BAY HANGARETTES. ALL FUNCTIONAL AREAS WERE COMPLETED DURING THE REPORTING PERIOD. FEATURES DESCRIBED IN THIS REPORT INCLUDE A 3,015M X 40M (9,892 FT X 131 FT) ASPHALT/CONCRETE RUNWAY, A 2,961M X 29M (9,714 FT X 95 FT) ASPHALT/CONCRETE RUNWAY/PARALLEL TAXIWAY, TAXIWAYS AND AIRCRAFT PARKING, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH A TOTAL CAPACITY OF 277 BARRELS (11, 621 U.S. GALLONS), AIRCRAFT MAINTENANCE, ORDNANCE, ACCOMMODATIONS, TRANSPORTATION, UTILITIES DEFENSES, AND SECURITY. AOB [REDACTED] WAS FOUR FISHBED.

25X1

DIA NBRG NDA06-5020-77 18 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S079041

LITSA GUBA NAVAL FACILITIES APPROACHES UR 6929 N 03226 E
WAC NO : 0051 BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5021-77 18 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S079042

LITSA GUBA SUBMARINE BASE NORTH UR 692720N 0322624E
WAC NO : 0051 BE/OBJ NO: [REDACTED] NPIC NO : - 40
IDHS CODE: [REDACTED] EPF CAT : 75A COMIREX NO: [REDACTED]

25X1
25X1

DIA NBRG NDA06-5022-77 18 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S079043

LITSA GUBA SUBMARINE BASE SW UR 692604N 0322153E
WAC NO : 0051 BE/OBJ NO: [REDACTED] NPIC NO : - 40-C1
IDHS CODE: [REDACTED] EPF CAT : 75A COMIREX NO: [REDACTED]

25X1
25X1

DIA NBRG NDA06-5023-77 24 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S079044

SAYDA GUBA NAVAL FACILITIES APPROACHES UR 6915 N 03321 E
WAC NO : 0051 BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5024-77 24 JAN 77 SEC CLASS: 05B MSN: 1P ACCN: S079045

SAYDA GUBA SUBMARINE BASE UR 691531N 0331923E
WAC NO : 0051 BE/OBJ NO: [REDACTED] NPIC NO : - 31-A
IDHS CODE: [REDACTED] EPF CAT : 75A COMIREX NO: [REDACTED]

25X1
25X1
25X1

1420
TOP SECRET CHESS RUFF

25X1

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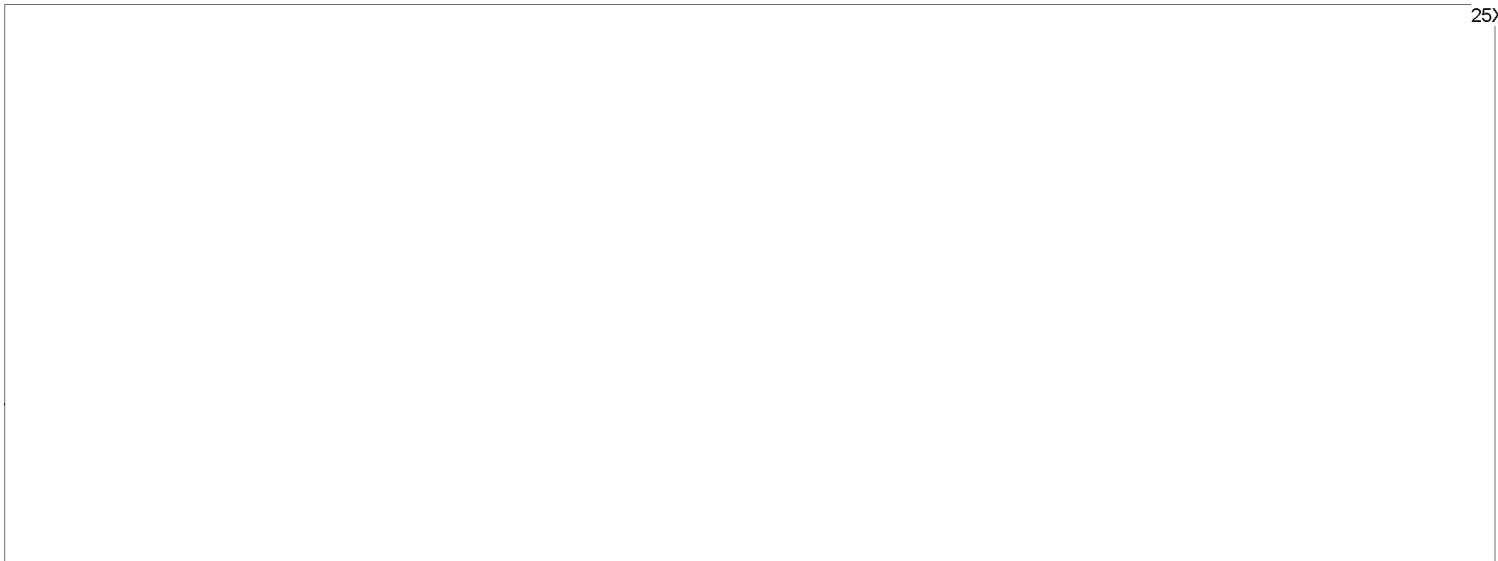
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TOP SECRET CHESS RUFF



25X1



25X1

DIA IIM 5B3-52292-77 04 FEB 77 [redacted] SEC CLASS: 13 MSN: [redacted] 2P ACCN: S079068 25X1

KARSHI/KHANABAD AIRFIELD AAM STORAGE PTNTL UR 385003N 0655518E
WAC NO : 0337 BE/OBJ NO: [redacted] NPIC NO : - 3
IDHS CODE: [redacted] EPF CAT : 051 COMIREX NO: [redacted]

25X1

25X1

DIA IIM 5B3-52279-77 04 FEB 77 [redacted] SEC CLASS: 13 MSN: [redacted] 2P ACCN: S079069 25X1

MAKHARADZE AIRFIELD AAM STORAGE POTENTIAL UR 415549N 0415149E
WAC NO : 0324 BE/OBJ NO: [redacted] NPIC NO : - 9
IDHS CODE: [redacted] EPF CAT : 051 COMIREX NO: [redacted]

25X1

25X1

DIA IIM 5B3-52291-77 04 FEB 77 [redacted] SEC CLASS: 13 MSN: [redacted] 2P ACCN: S079072 25X1

1424
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

		KOKAYTY AIRFIELD AAM STORAGE POTENTIAL	UR 373725N 0673102E	
		WAC NO : 0336	BE/OBJ NO: []	NPIC NO : - 13
		IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []
DIA	IIM	5B3-52264-77 04 FEB 77	[]	SEC CLASS: 13 MSN: [] 3P ACCN: S079071
		TYUMEN/PLEKHANOVA AIRFIELD	UR 570840N 0652810E	
		WAC NO : 0156	BE/OBJ NO: []	NPIC NO : - 28-A
		IDHS CODE: []	EPF CAT : 05A	COMIREX NO:
DIA	IIM	5B3-52282-77 04 FEB 77	[]	SEC CLASS: 13 MSN: [] 2P ACCN: S079072
		GUDAUTA AIRFIELD AAM STORAGE POTENTIAL	UR 430607N 0403455E	
		WAC NO : 0324	BE/OBJ NO: []	NPIC NO : - 4
		IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []
DIA	IIM	5B3-52277-77 02 FEB 77	[]	SEC CLASS: 13 MSN: [] 2P ACCN: S079073
		MIKHA TSKHAKAYA AIRFIELD AAM STORAGE PTNTL	UR 421428N 0420303E	
		WAC NO : 0320	BE/OBJ NO: []	NPIC NO : - 10
		IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []
DIA	IIM	5B3-52265-77 02 FEB 77	[]	SEC CLASS: 13 MSN: [] 1P ACCN: S079074
		DZHALAL ABAD AIRFIELD	UR 405646N 0725833E	
		WAC NO : 0328	BE/OBJ NO: []	NPIC NO : - 11-B
		IDHS CODE: []	EPF CAT : 05A	COMIREX NO:
DIA	IIM	5B3-52275-77 02 FEB 77	[]	SEC CLASS: 13 MSN: [] 2P ACCN: S079075
		UNASHI AIRFIELD AAM STORAGE POTENTIAL	UR 425727N 1330710E	
		WAC NO : 0291	BE/OBJ NO: []	NPIC NO : - 44
		IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []
DIA	IIM	5B3-52262-77 02 FEB 77	[]	SEC CLASS: 13 MSN: [] 2P ACCN: S079076
		ANDIZHAN AIRFIELD AAM STORAGE POTENTIAL	UR 404336N 0721728E	
		WAC NO : 0328	BE/OBJ NO: []	NPIC NO : - 2
		IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []

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25X1

25X1

25X1

1425
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

WAC NO : 0231
IDHS CODE: [Redacted]

BE/OBJ NO: [Redacted]
EPF CAT : 35G

NPIC NO :
COMIREX NO:

25X1
25X1
25X1

[Redacted]

DIA IIM 5B3-52172-77 25 JAN 77 [Redacted] SEC CLASS: 13 MSN: [Redacted] 5P ACCN: S07907925X1

NEUDORF AIRCRAFT REPAIR BASE

WAC NO : 0232
IDHS CODE: [Redacted]

BE/OBJ NO: [Redacted]
EPF CAT : 05F

PL 503740N 0174710E
NPIC NO :
COMIREX NO:

25X1
25X1
25X1
25X1

[Redacted]

DIA IIM 5B3-52187-77 24 JAN 77 [Redacted] SEC CLASS: 13 MSN: [Redacted] 2P ACCN: S07908125X1

KIROVSKOYE AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0240
IDHS CODE: [Redacted]

BE/OBJ NO: [Redacted]
EPF CAT : 05I

UR 450957N 0351113E
NPIC NO : - 10
COMIREX NO: [Redacted]

25X1
25X1

DIA IIM 5B3-52110-77 24 JAN 77 [Redacted] SEC CLASS: 13 MSN: [Redacted] 3P ACCN: S07908225X1

KOSICE AIR AMMUNITION DEPOT MALA IDA

WAC NO : 0232
IDHS CODE: [Redacted]

BE/OBJ NO: [Redacted]
EPF CAT : 35F

CZ 484125N 0211018E
NPIC NO : - 74-E
COMIREX NO:

25X1
25X1

DIA IIM 5B3-52121-77 FEB 77 [Redacted] SEC CLASS: 13 MSN: [Redacted] 4P ACCN: S07908325X1

LODZ AIRCRAFT REPAIR BASE

WAC NO : 0232
IDHS CODE: [Redacted]

BE/OBJ NO: [Redacted]
EPF CAT : 05F

PL 514303N 0192420E
NPIC NO :
COMIREX NO:

25X1
25X1

DIA IIM 5B3-52131-77 24 JAN 77 [Redacted] SEC CLASS: 13 MSN: [Redacted] 2P ACCN: S07908425X1

KRAMATORSK AIRFIELD AAM STORAGE POTENTIAL

WAC NO : 0234

BE/OBJ NO: [Redacted]

UR 484228N 0373739E
NPIC NO : - 65

25X1

1426
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						
DIA IIM	5B3-52141-77	24 JAN 77		SEC CLASS: 13	MSN:	3P		ACCN: S079085		25X1
	TORVA AIRFIELD NORTH			UR	581121N 0255652E					25X1
	WAC NO : 0153		BE/OBJ NO:	NPIC NO : - 114-H						25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:						25X1
DIA IIM	5B3-52134-77	24 JAN 77		SEC CLASS: 13	MSN:	2P		ACCN: S079086		25X1
	MUKACHEVO AIRFIELD AAM STORAGE POTENTIAL			UR	482400N 0224114E					25X1
	WAC NO : 0232		BE/OBJ NO:	NPIC NO : - 107-B						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52148-77	24 JAN 77		SEC CLASS: 13	MSN:	2P		ACCN: S079087		25X1
	ZAPOROZHYE AIRFIELD EAST AAM STORAGE PTNTL			UR	475203N 0351857E					25X1
	WAC NO : 0249		BE/OBJ NO:	NPIC NO : - 47-A						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52143-77	24 JAN 77		SEC CLASS: 13	MSN:	2P		ACCN: S079088		25X1
	SEMIPALATINSK AIRFIELD AAM STORAGE POTENTIAL			UR	502110N 0801357E					25X1
	WAC NO : 0239		BE/OBJ NO:	NPIC NO : - 8						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52145-77	24 JAN 77		SEC CLASS: 13	MSN:	2P		ACCN: S079089		25X1
	SARY SHAGAN AIRFIELD AAM STORAGE POTENTIAL			UR	460130N 0732946E					25X1
	WAC NO : 0245		BE/OBJ NO:	NPIC NO : - 2-B						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52147-77	24 JAN 77		SEC CLASS: 13	MSN:	2P		ACCN: S079090		25X1
	ASTRAKHAN AIRFIELD NW AAM STORAGE POTENTIAL			UR	462350N 0475327E					25X1
	WAC NO : 0248		BE/OBJ NO:	NPIC NO : - 1-F						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52173-77	24 JAN 77		SEC CLASS: 13	MSN:	1P		ACCN: S079091		25X1
	OPALYI AIRFIELD SEARCH			HU	475850N 0222000E					25X1
	WAC NO : 0251		BE/OBJ NO:	NPIC NO :						25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:						25X1

1427
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA IIM 5B3-52111-77 24 JAN 77 [] SEC CLASS: 13 MSN: [] 6P ACCN: S079092^{25X1}
 PLZEN AIRCRAFT REPAIR BASE CZ 494320N 0131950E
 WAC NO : 0231 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 05F COMIREX NO: []^{25X1}

DIA IIM 5B3-52115-77 24 JAN 77 [] SEC CLASS: 13 MSN: [] 6P ACCN: S079093^{25X1}
 WARSZAWA AIRCRAFT REPAIR BASE OKECIE PL 521045N 0205840E
 WAC NO : 0169 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 05F COMIREX NO: []^{25X1}

DIA IIM 5B3-52185-77 24 JAN 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079094^{25X1}
 GORKIY MOTOR VEHICLE PLANT GAZ UR 561448N 0435341E
 WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 13-E
 IDHS CODE: [] EPF CAT : 85A COMIREX NO: []^{25X1}

DIA IIM 5B3-52158-77 24 JAN 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079095^{25X1}
 MOSKVA MOTOR VEHICLE PLANT LIKHACHEV CONST UR 554153N 0373829E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 94-A2
 IDHS CODE: [] EPF CAT : 85A COMIREX NO: []^{25X1}

25X1

DIA IIM 5B3-52192-77 26 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079097^{25X1}
 DOLINSK/SOKOL AIRFIELD AAM STORAGE POTENTIAL UR 471536N 1424617E
 WAC NO : 0281 BE/OBJ NO: [] NPIC NO : - 27-B
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: []^{25X1}

DIA IIM 5B3-52191-77 26 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079098^{25X1}
 TIRASPOL AIRFIELD AAM STORAGE POTENTIAL UR 465207N 0293531E
 WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 74-B
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: []^{25X1}

25X1

1428
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

DIA	IIM	5B3-52190-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079099	25X1
		MARKULESHTY AIRFIELD AAM STORAGE POTENTIAL			UR	475148N 0281249E			
		WAC NO : 0250		BE/OBJ NO: [REDACTED]		NPIC NO : - 28			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1.1
DIA	IIM	5B3-52189-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079100	25X1
		SEVASTOPOL/BELBEK AIRFIELD AAM STORAGE PTNTL			UR	444125N 0333425E			
		WAC NO : 0250		BE/OBJ NO: [REDACTED]		NPIC NO : - 62-B			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52165-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079101	25X1
		DOMBAROVSKIY AIRFIELD AAM STORAGE POTENTIAL			UR	504820N 0593102E			
		WAC NO : 0236		BE/OBJ NO: [REDACTED]		NPIC NO : - 12			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52164-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079102	25X1
		MARINOVKA AIRFIELD AAM STORAGE PTNTL SEARCH			UR	483810N 0434730E			
		WAC NO : 0235		BE/OBJ NO: [REDACTED]		NPIC NO : - 12			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52162-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079103	25X1
		KIROVOGRAD/KANATOVO AIRFIELD AAM STGE PTNTL			UR	483334N 0322322E			
		WAC NO : 0233		BE/OBJ NO: [REDACTED]		NPIC NO : - 28-A			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52163-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079104	25X1
		DNEPROPETROVSK/VOLOSHKOYE AFLD AAM STGE PTNTL			UR	482127N 0350544E			
		WAC NO : 0234		BE/OBJ NO: [REDACTED]		NPIC NO : - 8			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52193-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079105	25X1
		USSURIYSK/VOZDVIHENKA AIRFIELD AAM STGE SRCH			UR	435425N 1315547E			
		WAC NO : 0291		BE/OBJ NO: [REDACTED]		NPIC NO : - 50			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52195-77	26 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079106	25X1

1429

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	NASOSNY AIRFIELD AAM STORAGE POTENTIAL	UR 403534N 0493322E		
	WAC NO : 0325	BE/OBJ NO: []	NPIC NO : - 43	25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []	25X1
DIA IIM	5B3-52225-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	2P	ACCN: S079114 25X1
	TBILISI/MARNEULI AIRFIELD AAM STORAGE POTENTIAL	UR 412754N 0444756E		
	WAC NO : 0325	BE/OBJ NO: []	NPIC NO : - 63	25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []	25X1.1
DIA IIM	5B3-52182-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	2P	ACCN: S079115 25X1
	UGLOVOYE AIRFIELD NW AAM STORAGE POTENTIAL	UR 432044N 1320335E		
	WAC NO : 0291	BE/OBJ NO: []	NPIC NO : - 43	25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []	25X1
DIA IIM	5B3-52226-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	4P	ACCN: S079116 25X1
	KRASNOVODSK AIRFIELD	UR 400349N 0530025E		
	WAC NO : 0326	BE/OBJ NO: []	NPIC NO : - 2-B	25X1
	IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []	25X1
DIA IIM	5B3-52181-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	2P	ACCN: S079117 25X1
	CHERNIGOVKA AIRFIELD AAM STORAGE POTENTIAL	UR 441911N 1323246E		
	WAC NO : 0282	BE/OBJ NO: []	NPIC NO : - 7-B	25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []	25X1
DIA IIM	5B3-52178-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	2P	ACCN: S079118 25X1
	VERINO AIRFIELD AAM STORAGE POTENTIAL	UR 475949N 1350516E		
	WAC NO : 0282	BE/OBJ NO: []	NPIC NO : - 200-B	25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []	25X1
DIA IIM	5B3-52170-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	2P	ACCN: S079119 25X1
	OSINOVKA AIRFIELD AAM STORAGE POTENTIAL	UR 440058N 1321309E		
	WAC NO : 0282	BE/OBJ NO: []	NPIC NO : - 39	25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []	25X1
DIA IIM	5B3-52177-77 27 JAN 77 []	SEC CLASS: 13 MSN: []	2P	ACCN: S079120 25X1
	GALENKI AIRFIELD NE AAM STORAGE POTENTIAL	UR 440543N 1314845E		

1431
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

	WAC NO : 0282	BE/OBJ NO: []	NPIC NO : - 9-A		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52169-77	27 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079121 25X1
	SPASSK DALNIY AIRFIELD EAST AAM STORAGE PTNTL		UR 443647N 1325302E		
	WAC NO : 0282	BE/OBJ NO: []	NPIC NO : - 47		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52155-77	27 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079122 25X1
	KRYMSK AIRFIELD AAM STORAGE POTENTIAL		UR 445754N 0380005E		
	WAC NO : 0249	BE/OBJ NO: []	NPIC NO : - 21		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52160-77	27 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079123 25X1
	SALSK AIRFIELD SW AAM STORAGE POTENTIAL		UR 462456N 0413107E		
	WAC NO : 0249	BE/OBJ NO: []	NPIC NO : - 34-A		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52161-77	27 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079124 25X1
	ROSTOV AIRFIELD NW AAM STORAGE POTENTIAL		UR 471646N 0393812E		
	WAC NO : 0249	BE/OBJ NO: []	NPIC NO : - 33-C		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52166-77	27 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079125 25X1
	CHERVONO GLINSKOYE AIRFIELD AAM STORAGE PTNTL		UR 455645N 0292239E		
	WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 12		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52168-77	27 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079126 25X1
	LIMANSKOYE AIRFIELD AAM STORAGE POTENTIAL		UR 464007N 0300042E		
	WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 45		25X1
	IDHS CODE: []	EPF CAT : 05I	COMIREX NO: []		25X1
DIA IIM	5B3-52271-77	31 JAN 77	[]	SEC CLASS: 13 MSN: []	2P ACCN: S079127 25X1
	CHIRCHIK AIRFIELD AAM STORAGE POTENTIAL		UR 413040N 0693433E		
	WAC NO : 0328	BE/OBJ NO: []	NPIC NO : - 10-A		25X1

1432
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						
DIA IIM	5B3-52273-77	31 JAN 77		SEC CLASS: 13	MSN:		2P		ACCN: S079128	25X1
	CHIMKENT AIRFIELD AAM STORAGE POTENTIAL			UR	422155N	0692825E				25X1
	WAC NO : 0328		BE/OBJ NO:	NPIC NO : - 9						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52258-77	28 JAN 77		SEC CLASS: 13	MSN:		2P		ACCN: S079129	25X1
	CHISTOPOL AIRFIELD SOUTH			UR	551821N	0503656E				25X1
	WAC NO : 0165		BE/OBJ NO:	NPIC NO : - 10-B						25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:						25X1
DIA IIM	5B3-52238-77	28 JAN 77		SEC CLASS: 13	MSN:		2P		ACCN: S079130	25X1
	KOMSOMOLSK AIRFIELD AAM STORAGE POTENTIAL			UR	503558N	1370514E				25X1
	WAC NO : 0204		BE/OBJ NO:	NPIC NO : - 13-C						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52237-77	28 JAN 77		SEC CLASS: 13	MSN:		1P		ACCN: S079131	25X1
	NYANGI AIRFIELD AAM STORAGE POTENTIAL SEARCH			UR	504034N	1060833E				25X1
	WAC NO : 0201		BE/OBJ NO:	NPIC NO : - 58						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52255-77	28 JAN 77		SEC CLASS: 13	MSN:		3P		ACCN: S079132	25X1
	TYUMEN AIRFIELD NW			UR	571050N	0652040E				25X1
	WAC NO : 0156		BE/OBJ NO:	NPIC NO : - 28-G						25X1
	IDHS CODE:		EPF CAT : 05A	COMIREX NO:						25X1
DIA IIM	5B3-52236-77	28 JAN 77		SEC CLASS: 13	MSN:		2P		ACCN: S079133	25X1
	DOMNA AIRFIELD AAM STORAGE POTENTIAL			UR	515500N	1130718E				25X1
	WAC NO : 0201		BE/OBJ NO:	NPIC NO : - 2						25X1
	IDHS CODE:		EPF CAT : 05I	COMIREX NO:						25X1
DIA IIM	5B3-52223-77	31 JAN 77		SEC CLASS: 13	MSN:		1P		ACCN: S079134	25X1
	KREMUNCHUG RAILROAD CAR MFG PLANT KRYUKOV			UR	490121N	0332657E				25X1
	WAC NO : 0233		BE/OBJ NO:	NPIC NO : - 35-J1						25X1
	IDHS CODE:		EPF CAT : 85B	COMIREX NO:						25X1

1433

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA IIM 5B3-52256-77 28 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079135 25X1

DOMNA AAM SUPPORT FACILITY UR 515500N 1130718E
WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 2 25X1
IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1
KOMSOMLSK AAM SUPPORT FACILITY UR 503558N 1370514E
WAC NO : 0204 BE/OBJ NO: [] NPIC NO : - 13-C 25X1
IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1
NYANGI AAM SUPPORT FACILITY UR 504034N 1060833E
WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 58 25X1
IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1
DOLINSK/SOKOL AAM SUPPORT FACILITY UR 471536N 1424617E
WAC NO : 0281 BE/OBJ NO: [] NPIC NO : - 27-B 25X1
IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1

25X1

DIA IIM 5B2-52142-77 FEB 77 [] SEC CLASS: 14B MSN: [] 13P ACCN: S079138 25X1

DUDINKA PORT FACILITIES UR 692342N 0861059E
WAC NO : 0048 BE/OBJ NO: [] NPIC NO : - 1-C 25X1
IDHS CODE: [] EPF CAT : 75I COMIREX NO: [] 25X1

DIA BIIR RDA05-0036-76 JAN 77 [] SEC CLASS: 14A MSN: [] 13P ACCN: S079139 25X1

HAMAH AIRFIELD SY 350708N 0364242E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : - 28 25X1
IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
HAMAH AIRCRAFT MAINTENANCE + REPAIR BASE SY 350720N 0364242E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : [] 25X1
IDHS CODE: [] EPF CAT : 05F COMIREX NO: [] 25X1
HAMAH AIRFIELD AIR DEFENSE HEADQUARTERS SY 350730N 0364257E

25X1

1434
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

WAC NO : 0426 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 05A COMIREX NO:
 HAMAH AIRFIELD AVIATION HEADQUARTERS SY 350730N 0364258E
 WAC NO : 0426 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF HAMAH AIRFIELD DURING THE PERIOD JUNE 1969 TO OCTOBER 1975. THE INSTALLATION IS IN WEST SYRIA AND SUPPORTS FIGHTER AND HELICOPTER AIRCRAFT. AOB [] INCLUDED 7 FISHBED, 12 HIP C, AND 3 HOPLITE. SIGNIFICANT CHANGES THAT OCCURRED DURING THE REPORTING PERIOD INCLUDED THE CONSTRUCTION OF AN AUXILIARY RUNWAY, AN EMERGENCY RUNWAY, 4 DISPERSAL TAXIWAYS, 23 ACCESS TAXIWAYS, 16 SINGLE-BAY HANGARETTES, 2 DOUBLE-BAY HANGARETTES, AND THE AAM FACILITY. FEATURES DESCRIBED IN THIS REPORT INCLUDE A 2,864M X 49M (9,397 FT X 160 FT) CONCRETE MAIN RUNWAY, A 1,361M X 48M (4,465 FT X 157 FT) ASPHALT FORMER RUNWAY, A 1,946M X 33M (6,385 FT X 108 FT) GRADED-EARTH AUXILIARY RUNWAY, A 2,750M X 65M (9,023 FT X 213 FT) GRADED-EARTH EMERGENCY RUNWAY, A 2,574M X 19M (8,445 FT X 62 FT) CONCRETE/ASPHALT RUNWAY/PARALLEL TAXIWAY, TAXIWAYS AND AIRCRAFT PARKING, POL STORAGE WITH AN OFFBASE TOTAL STORAGE CAPACITY OF 143,400 BARRELS (6,022,800 U.S. GALLONS) AND AN UNDETERMINED ONBASE STORAGE CAPACITY, AIRCRAFT MAINTENANCE, ORDNANCE, ACCOMMODATIONS AND SUPPORT, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY.

25X1
25X1

DIA BIIR RDA05-0044-76 JAN 77 [] SEC CLASS: 14A MSN [] 11P ACCN: S079140

25X1
25X1

SHAYRAT AIRFIELD
 WAC NO : 0426 BE/OBJ NO: [] SY 342918N 0365420E
 IDHS CODE: [] EPF CAT : 05A NPIC NO : - 3-I
 COMIREX NO: []

25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF SHAYRAT AIRFIELD DURING THE PERIOD JULY 1973 TO MARCH 1976. THE BASE, LOCATED IN WEST SYRIA NEAR THE CITY OF HIMS (HOMS), SERVES FIGHTER AIRCRAFT. INITIAL CONSTRUCTION OF THE BASE WAS STARTED IN THE SUMMER OF 1973. FEATURES DESCRIBED IN THIS REPORT INCLUDE A 3,011M X 45M (9,877 FT X 148 FT) ASPHALT RUNWAY, A 3,003M X 30M (9,852 FT X 98 FT) ASPHALT RUNWAY/TAXIWAY, ASPHALT TAXIWAYS, AIRCRAFT PARKING, HANGARETTES, A GROUND-CONTROLLED APPROACH (GCA) SITE, POL STORAGE WITH AN APPROXIMATE CAPACITY OF 3,439 BARRELS (144,422 U.S. GALLONS), AN AIRCRAFT MAINTENANCE HANGAR, AN ACCOMMODATIONS AREA, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY. AOB [] WAS 12 FISHBED (OBSERVED FOR THE FIRST TIME AT THE BASE.)

25X1

NPIC SR SR001-77 FEB 77 [] SEC CLASS: 14B MSN: [] 3P ACCN: S079141

25X1

MILITARY, COASTAL DEFENSE POSITIONS AL
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 35D COMIREX NO:

THIRTY-THREE COASTAL DEFENSE POSITIONS AND 15 PROBABLE COASTAL DEFENSE POSITIONS WERE IDENTIFIED ALONG THE ALBANIAN COAST ON PHOTOGRAPHY [] THESE POSITIONS ARE SIMILAR IN SIZE AND CONFIGURATION TO THOSE OBSERVED IN THE PEOPLE'S REPUBLIC OF CHINA.

25X1

1435
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

OF THESE 33 COASTAL DEFENSE POSITIONS, NINE ARE COMPLETE, SIX WERE IN THE LATE STAGES OF CONSTRUCTION, TEN WERE IN THE MIDSTAGE OF CONSTRUCTION, AND EIGHT WERE IN THE EARLY STAGES OF CONSTRUCTION. OF THE 15 PROBABLE COASTAL DEFENSE POSITIONS, NINE ARE COMPLETE, ONE WAS IN THE MIDSTAGE OF CONSTRUCTION, AND FIVE WERE IN THE EARLY STAGES OF CONSTRUCTION.

NPIC SR SR002-77 FEB 77 [] SEC CLASS: 14D MSN: 3P ACCN: S079142 25X1
MISSILES, SAM ACTIVITY NEW KHABAROVSK ADD UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40C COMIREX NO:

AN INCREASE IN SURFACE-TO-AIR MISSILE ACTIVITY WAS IDENTIFIED ON PHOTOGRAPHY [] IN TWO AREAS ALONG THE SINO-SOVIET BORDER IN THE SOVIET FAR EAST. THIS ACTIVITY IS IN THE ZAVITINSK/BUREYA AREA AND IN THE IMAN/LESOZAVODSK AREA. 25X1

NPIC PIN PIN001-77 JAN 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S079143 25X1
SHIPS, HEROJ CLASS SS YO
WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
IDHS CODE: EPF CAT : 75D COMIREX NO:
SHIPS, SUTJESKA CLASS SS YO
WAC NO : BE/OBJ NO: [] NPIC NO : 25X1
IDHS CODE: EPF CAT : 75D COMIREX NO:

ANALYSIS OF THE YUGOSLAVIAN HEROJ- AND SUTJESKA-CLASS SUBMARINES ON SATELLITE PHOTOGRAPHY INDICATES THAT THE DIMENSIONS FOR THESE SUBMARINES DIFFER FROM THOSE GIVEN IN SEVERAL NAVAL REFERENCE DOCUMENTS. THE HEROJ SS IS SHORTER AND THE SUTJESKA SS IS LONGER THAN PREVIOUSLY BELIEVED.

DIA BIIR RDA05-0040-76 JAN 77 [] SEC CLASS: 14A MSN: [] 6P ACCN: S079144 25X1
AS SUWAYDA AIRFIELD WEST SY 324216N 0362435E
WAC NO : 0426 BE/OBJ NO: [] NPIC NO : - 64-F 25X1
IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF AS SUWAYDA WEST AIRFIELD DURING THE PERIOD JULY 1973 THROUGH MARCH 1976. THE INSTALLATION, LOCATED IN SOUTH SYRIA, IS UNDER CONSTRUCTION; SIGNIFICANT CHANGES DURING THE REPORTING PERIOD INCLUDED THE INITIAL CONSTRUCTION OF THE RUNWAY AND ALL FUNCTIONAL AREAS. FEATURES DESCRIBED IN THIS REPORT INCLUDE A [] ASPHALT/CONCRETE MAIN RUNWAY, [] ASPHALT/CONCRETE RUNWAY/PARALLEL TAXIWAY, TAXIWAYS AND AIRCRAFT PARKING, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH A TOTAL POTENTIAL STORAGE CAPACITY OF 4,100 BARRELS (172,200 U.S. GALLONS), ORDNANCE, ACCOMMODATIONS, TRANSPORTATION, UTILITIES, AND SECURITY. NO AOB HAS BEEN OBSERVED AT THIS AIRFIELD [] 25X1

1436
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

NPIC BIIR RCA09-0002-77 JAN 77 [] SEC CLASS: 14B MSN: [] 4P ACCN: S079145 25X1

MOSKVA AIRCRAFT PARTS PLANT NIKOLAYEVKA 219 UR 554750N 0375440E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 46-U5
IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1

MOSKVA AIRCRAFT PARTS PLANT NIKOLAYEVKA 219 PRODUCES CAST PARTS FOR THE SOVIET AIRCRAFT INDUSTRY. AS OF
OCTOBER 1976, THE PLANT HAD APPROXIMATELY 90 BUILDINGS AND STRUCTURES CONTAINING []

25X1

DIA NBRG NDA07-5138-77 27 JAN 77 SEC CLASS: 05G MSN: [] 1P ACCN: S079146

CHITA MILITARY BARRACKS AL4/HQ TRANSBAYKAL MD UR 520207N 1133022E
WAC NO : 0199 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA NBRG NDA07-5139-77 27 JAN 77 SEC CLASS: 05G MSN: [] 1P ACCN: S079147

KYAKHTA ARMY BARRACKS AL3 UR 502145N 1062725E
WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 5-B4
IDHS CODE: [] EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA NBRG NDA07-5140-77 27 JAN 77 SEC CLASS: 05G MSN: [] 1P ACCN: S079148

NYANGI SAM SUPPORT FACILITY UR 504223N 1061030E
WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 58-A3
IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5141-77 27 JAN 77 SEC CLASS: 05G MSN: [] 1P ACCN: S079149

TSUGOL ARMY BARRACKS AL1 UR 510338N 1153824E
WAC NO : 0202 BE/OBJ NO: [] NPIC NO : - 16-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5142-77 27 JAN 77 SEC CLASS: 05G MSN: [] 1P ACCN: S079150

DAURIYA ARMY BARRACKS AL3 UR 495525N 1165115E
WAC NO : 0202 BE/OBJ NO: [] NPIC NO : - 5-A6
IDHS CODE: [] EPF CAT : 35A COMIREX NO:

25X1
25X1

DIA NBRG NDA07-5150-77 07 FEB 77 SEC CLASS: 05B MSN: [] 1P ACCN: S079151

KORCE ARMY BARRACKS SOUTH 1 AL 403639N 0204647E

1437
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 39-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5151-77 07 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: S079152

BILISHT MILITARY BARRACKS 1
WAC NO : 0322 BE/OBJ NO: [] AL 403726N 0205921E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 39-D
COMIREX NO: []

25X1
25X1
25X1

DIA NBRG NDA07-5147-77 07 FEB 77 SEC CLASS: 05G MSN: 1P ACCN: S079153

NAUSHKI ARMY BARRACKS AL2
WAC NO : 0201 BE/OBJ NO: [] UR 502140N 1061020E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 61-A1
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5148-77 07 FEB 77 SEC CLASS: 05G MSN: 2P ACCN: S079154

BIROBIDZHAN MILITARY BARRACKS AL1 + HQ MRD
WAC NO : 0203 BE/OBJ NO: [] UR 484705N 1325327E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 61-D
COMIREX NO: []

25X1

25X1

DIA NBRG NDA07-5149-77 07 FEB 77 SEC CLASS: 05G MSN: 1P ACCN: S079156

BIROBIDZHAN ARMY BARRACKS SSE AL3/SA-4 BRGD
WAC NO : 0203 BE/OBJ NO: [] UR 484333N 1325831E
IDHS CODE: [] EPF CAT : 35A NPIC NO : - 6-D1
COMIREX NO: []
BIROBIDZHAN ARMY BARRACKS SSE AL3/SA-4 BRGD
WAC NO : 0203 BE/OBJ NO: [] UR 484333N 1325831E
IDHS CODE: [] EPF CAT : 40C NPIC NO : - 6-D1
COMIREX NO: []

25X1
25X1

25X1
25X1

25X1

1438
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

DIA IIM 5B3-52294-77 10 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079159 25X1
 MARY AIRFIELD NORTH AAM STORAGE POTENTIAL UR 373955N 0614938E
 WAC NO : 0337 BE/OBJ NO: [] NPIC NO : - 6-C 25X1
 IDHS CODE: [] EPF CAT : 051 COMIREX NO: [] 25X1

DIA IIM 5B3-52296-77 07 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079160 25X1
 LUGOVOYE AIRFIELD AAM STORAGE POTENTIAL UR 425812N 0724346E
 WAC NO : 0328 BE/OBJ NO: [] NPIC NO : - 20 25X1
 IDHS CODE: [] EPF CAT : 051 COMIREX NO: [] 25X1

DIA IIM 5B3-52297-77 10 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079161 25X1
 MARY AIRFIELD NE AAM STORAGE POTENTIAL UR 373710N 0615341E
 WAC NO : 0337 BE/OBJ NO: [] NPIC NO : - 6-A 25X1
 IDHS CODE: [] EPF CAT : 051 COMIREX NO: [] 25X1

DIA IIM 5B3-52309-77 07 FEB 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079162 25X1
 AKHTUBINSK FLIGHT TEST CENTER AAM STGE PTNTL UR 481735N 0461216E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 18 25X1
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1
 AKHTUBINSK FLIGHT TEST CENTER AAM STGE PTNTL UR 481735N 0461216E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 18 25X1
 IDHS CODE: [] EPF CAT : 056 COMIREX NO: [] 25X1

DIA IIM 5B3-52315-77 10 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079163 25X1
 BAZARNYY SYZGAN ASM/AAM STGE DEPOT STGE PTNTL UR 533740N 0465120E
 WAC NO : 0166 BE/OBJ NO: [] NPIC NO : - 54 25X1
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1

NPIC MEMO [] 14 FEB 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S079164 25X15X1

1439
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

ARTEMOVSKIY RADIO + TV RELAY STATION	UR	572140N 0615050E
WAC NO : 0156	BE/OBJ NO:	NPIC NO : - 58-B
IDHS CODE:	EPF CAT : 25B	COMIREX NO:
ARTEMOVSKIY RADIO + TV RELAY STATION	UR	572140N 0615050E
WAC NO : 0156	BE/OBJ NO:	NPIC NO : - 58-B
IDHS CODE:	EPF CAT : 25D	COMIREX NO:

25X1

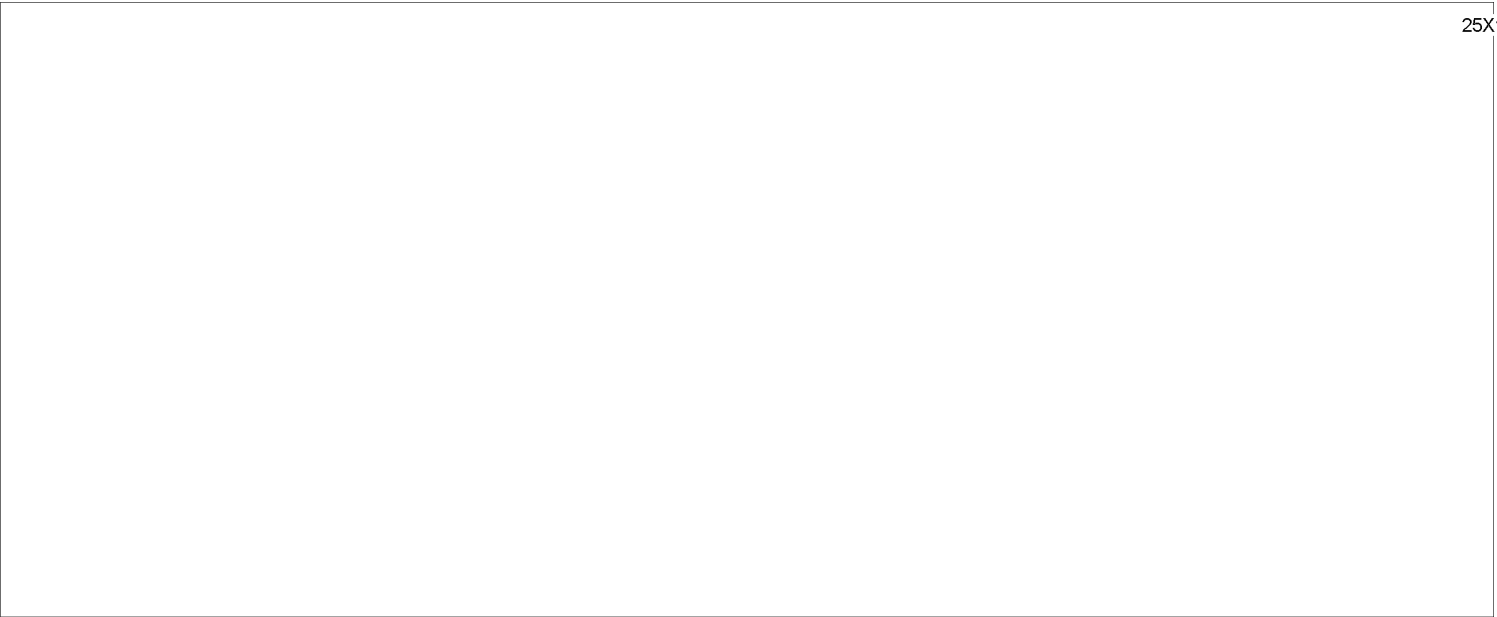
25X1

25X1

25X1

PHOTOGRAPHY [REDACTED] WAS REVIEWED TO DETERMINE IF A RADIO-RELAY LINE EXISTS BETWEEN SVERDLOVSK AND IRBIT. NO RADIO-RELAY LINE COULD BE IDENTIFIED. A DESCRIPTION OF ARTEMOVSKIY RADIO-RELAY STATION HAS BEEN INCLUDED IN THIS REPORT.*

25X1



25X1

1440

TOP SECRET CHESS RUFF



25X1

Page Denied

Next 9 Page(s) In Document Denied

TOP SECRET CHESS RUFF ZARF

25X1

25X1

DIA NBRG NDA07-5143-77 07 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: S079199

ORZYSZ SA-3 TRAINING SITE A14

WAC NO : 0168
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40C

PL 534354N 0220439E
NPIC NO : - 50-B1
COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5144-77 07 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: S079200

KOSZALIN ARMY BARRACKS NAPOLA 1

WAC NO : 0169
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 35A

PL 541150N 0161250E
NPIC NO : - 241-A
COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5025-77 31 JAN 77 SEC CLASS: 05G MSN: 1P ACCN: S079201

VLADIVOSTOK NAVAL FACILITIES APPROACHES

WAC NO : 0291
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 75

UR 4304 N 13154 E
NPIC NO :
COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5026-77 31 JAN 77 SEC CLASS: 05G MSN: 1P ACCN: S079202

VLADIVOSTOK MISSILE PATROL BOAT BASE

WAC NO : 0291
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 75B

UR 430420N 1315541E
NPIC NO : - 48-C3
COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5027-77 31 JAN 77 SEC CLASS: 05G MSN: 1P ACCN: S079203

VLADIVOSTOK SUBMARINE BASE ULIS BUKHTA

WAC NO : 0291
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 75A

UR 430449N 1315506E
NPIC NO : - 48-S
COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5028-77 31 JAN 77 SEC CLASS: 05G MSN: 1P ACCN: S079204

VLADIVOSTOK NAVAL BASE PARIS BUKHTA

WAC NO : 0291
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 75B

UR 430049N 1315440E
NPIC NO : - 48-M
COMIREX NO: []

25X1
25X1

1451
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1
25X1

DIA NBRG NDA06-5039-77 14 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: S079205

POLYARNYY/OLENYA GUBA NAVAL FACILS APPROACHES UR 6912 N 03327 E
WAC NO : 0051 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5040-77 14 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: S079206

OLENYA GUBA SUBMARINE BASE UR 691256N 0332210E
WAC NO : 0051 BE/OBJ NO: NPIC NO : - 19-A
IDHS CODE: EPF CAT : 75A COMIREX NO:

25X1
25X1

DIA BIIR RDA10-0010-76 JAN 77 SEC CLASS: 14B MSN: 1212-3 6P ACCN: S0792025X1

GORKIY PORT COMPLEX VOLGA RIVER UR 562016N 0435727E
WAC NO : 0154 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75I COMIREX NO:

25X1
25X1

GORKIY SHIPYARD 112 UR 562142N 0435228E
WAC NO : 0154 BE/OBJ NO: NPIC NO : - 13-C
IDHS CODE: EPF CAT : 75E COMIREX NO: 4B0003A

25X1
25X1

GORKIY PETROLEUM PRODUCTS STORAGE SHIPYARD UR 562051N 0435422E
WAC NO : 0154 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 80A COMIREX NO:

25X1
25X1

BOR TRANSSHIPMENT POINT UR 562010N 0440445E
WAC NO : 0155 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 85 COMIREX NO:

25X1
25X1

BOR SHIPYARD TEPLOKHOD UR 562104N 0440427E
WAC NO : 0155 BE/OBJ NO: NPIC NO : - 7-E2
IDHS CODE: EPF CAT : 75E COMIREX NO:

25X1
25X1

GORKIY GRAIN ELEVATOR + FLOUR MILL UR 561910N 0435820E
WAC NO : 0154 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:

25X1
25X1

GORKIY GRAIN ELEVATOR + FLOUR MILL UR 561910N 0435820E
WAC NO : 0154 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 80B COMIREX NO:

25X1
25X1

GORKIY GRAIN ELEVATOR + FLOUR MILL NORTH UR 561826N 0435704E
WAC NO : 0154 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30B COMIREX NO:

25X1
25X1

GORKIY PETROLEUM PRODUCTS STORAGE BOR UR 562015N 0440505E
WAC NO : 0155 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 80A COMIREX NO:

25X1
25X1

GORKIY PORT COMPLEX OKA RIVER UR 561401N 0435447E

25X1

1452
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0154	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 75I	COMIREX NO:
GORKIY GRAIN ELEVATOR + FLOUR MILL NORTH		UR 561826N 0435704E
WAC NO : 0154	BE/OBJ NO: []	NPIC NO :
IDHS CODE: []	EPF CAT : 80B	COMIREX NO:

25X1
25X1
25X1
25X1

THIS REPORT HAS BEEN PREPARED IN ACCORDANCE WITH DIA RESPONSIBILITIES FOR THIRD-PHASE IMAGERY EXPLOITATION UNDER THE NATIONAL TASKING PLAN TO UPDATE EXISTING BASIC REPORTS. IT UPDATES DIA, RDA-10/0005/74, [] GORKIY PORT COMPLEX VOLGA RIVER AND GORKIY PORT COMPLEX OKA RIVER, U.S.S.R., JAN 74 (TOP SECRET RUFF/RELEASABLE TO UK AND CANADA), WHICH IS THE BASIC REPORT FOR THESE INSTALLATIONS. GEOGRAPHIC COORDINATES CHANGES AND MAP REFERENCE EDITION CHANGES HAVE BEEN MADE IN BOTH DATA BLOCKS. THE ADDITION OF A NIETB NUMBER IS INCLUDED UNDER THE GORKIY PORT COMPLEX VOLGA RIVER DATA BLOCK. ALL PERTINENT IMAGERY AVAILABLE TO THIS AGENCY ON THE REPORTING CUTOFF DATE OF 30 OCTOBER 1976 HAS BEEN UTILIZED. THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF GORKIY PORT COMPLEX VOLGA RIVER AND GORKIY PORT COMPLEX OKA RIVER. THE COMPLEXES CONTAIN 151 BUILDINGS. SIGNIFICANT CHANGES INCLUDE THE CONSTRUCTION/COMPLETION OF SIX BUILDINGS/ADDITIONS AND THE REMOVAL OF SEVEN BUILDINGS SINCE PUBLICATION OF THE BASIC REPORT. A PORTAL JIB CRANE AND SEVERAL CONVEYORS HAVE ALSO BEEN REMOVED. A NEW OPEN STORAGE AREA, SEVERAL BERTHING STRUCTURES, AND SEVERAL PIECES OF MECHANICAL HANDLING EQUIPMENT HAVE BEEN ADDED.

25X1

DIA BIIR RDA05-0045-76 JAN 77 [] SEC CLASS: 14B MSN: [] 16P ACCN: S079208

25X1

KIROVOGRAD/KANATOVO AIRFIELD	WAC NO : 0233	BE/OBJ NO: []	UR 483334N 0322322E
	IDHS CODE: []	EPF CAT : 05A	NPIC NO : - 28-A
KIROVOGRAD/KANATOVO AAM SUPPORT FACILITY	WAC NO : 0233	BE/OBJ NO: []	COMIREX NO: []
	IDHS CODE: []	EPF CAT : 40J	UR 483357N 0322343E
KIROVOGRAD/KANATOVO AIRFIELD	GCA SITE	WAC NO : 0233	NPIC NO :
	BE/OBJ NO: []	IDHS CODE: []	COMIREX NO: []
	EPF CAT : 25H	WAC NO : 0233	UR 483342N 0322328E
KIROVOGRAD/KANATOVO AIRFIELD	EW RADAR SITE	IDHS CODE: []	NPIC NO :
	BE/OBJ NO: []	EPF CAT : 25H	COMIREX NO: []
	WAC NO : 0233	BE/OBJ NO: []	UR 483350N 0322150E
	IDHS CODE: []	EPF CAT : 25H	NPIC NO :
			COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED IMAGERY-DERIVED ANALYSIS OF KIROVOGRAD/KANATOVO AIRFIELD DURING THE PERIOD SEPTEMBER 1971 THROUGH FEBRUARY 1976. THIS JET FIGHTER BASE IS IN THE SOUTHWEST REGION OF THE U.S.S.R. AND PRIMARILY SUPPORTS FISHBED AIRCRAFT. THE ONLY SIGNIFICANT CHANGE AT THE AIRFIELD DURING THE PERIOD WAS THE LENGTHENING OF THE RUNWAY. FEATURES DESCRIBED IN THIS REPORT INCLUDE THE 8,200-FOOT-LONG CONCRETE RUNWAY, A SOD AUXILIARY RUNWAY, TAXIWAY, AIRCRAFT PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED POTENTIAL CAPACITY OF 4,541,422 U.S. GALLONS, AIRCRAFT MAINTENANCE, ORDNANCE, ACCOMMODATIONS, TRANSPORTATION FACILITIES, AND UTILITIES. AOB [] WAS 41 FISHBED, 3 FAGOT/FRESCO, 2 COLT, AND 1 PHANTOM (U.S. F-4 MOCKUP).

25X1

1453
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

DIA	NBRG	NDA06-5036-77	07 FEB 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079209
		HULUTAO NAVAL BASE/SHIPYARD/PORT FACILITY		CH	404309N 1205939E		
		WAC NO : 0289	BE/OBJ NO: []	NPIC NO :	- 14-C		25X1
		IDHS CODE: []	EPF CAT : 75I	COMIREX NO:	[]		25X1
		HULUTAO NAVAL BASE/SHIPYARD/PORT FACILITY		CH	404309N 1205939E		
		WAC NO : 0289	BE/OBJ NO: []	NPIC NO :	- 14-C		25X1
		IDHS CODE: []	EPF CAT : 75B	COMIREX NO:	[]		25X1
		HULUTAO NAVAL BASE/SHIPYARD/PORT FACILITY		CH	404309N 1205939E		
		WAC NO : 0289	BE/OBJ NO: []	NPIC NO :	- 14-C		25X1
		IDHS CODE: []	EPF CAT : 75E	COMIREX NO:	[]		25X1
DIA	NBRG	NDA06-5037-77	07 FEB 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079210
		WUHAN SHIPYARD WUCHANG		CH	303158N 1141713E		
		WAC NO : 0493	BE/OBJ NO: []	NPIC NO :	- 38-A		25X1
		IDHS CODE: []	EPF CAT : 75E	COMIREX NO:	[]		25X1
DIA	NBRG	NDA06-5038-77	07 FEB 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079211
		HSIAOPINGTAO SUBMARINE BASE		CH	384903N 1212937E		
		WAC NO : 0381	BE/OBJ NO: []	NPIC NO :	- 1A-T		25X1
		IDHS CODE: []	EPF CAT : 75A	COMIREX NO:	[]		25X1
DIA	NBRG	NDA06-5029-77	01 FEB 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079212
		STRELOK ZALIV NAVAL FACILITIES APPROACHES		UR	4254 N 13226 E		
		WAC NO : 0291	BE/OBJ NO: []	NPIC NO :			25X1
		IDHS CODE: []	EPF CAT : 75	COMIREX NO:			25X1
DIA	NBRG	NDA06-5030-77	01 FEB 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079213
		ABREK BUKHTA NAVAL BASE PROMYSLOVKA		UR	425608N 1322515E		
		WAC NO : 0291	BE/OBJ NO: []	NPIC NO :	- 64		25X1
		IDHS CODE: []	EPF CAT : 75B	COMIREX NO:	[]		25X1.1
DIA	NBRG	NDA06-5031-77	01 FEB 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079214

1454
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

STRELOK ZALIV SUBMARINE BASE PAVLOVSKOGO : UR 425210N 1323135E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 65
IDHS CODE: [] EPF CAT : 75A COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5032-77 01 FEB 77

SEC CLASS: 05G MSN:

1P

ACCN: S079215

DUNAY SUBMARINE BASE + SHPYD RAZBOYNIK BUKHTA UR 425356N 1322118E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 4-C
IDHS CODE: [] EPF CAT : 75A COMIREX NO: []
DUNAY SUBMARINE BASE + SHPYD RAZBOYNIK BUKHTA UR 425356N 1322118E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 4-C
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

25X1
25X1

DIA NBRG NDA06-5033-77 01 FEB 77

SEC CLASS: 05G MSN:

1P

ACCN: S079216

DUNAY SUBMARINE BASE KONYUSHKOVA BUKHTA UR 425159N 1322158E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 4-6
IDHS CODE: [] EPF CAT : 75A COMIREX NO: []

25X1
25X1

25X1

DIA NBRG NDA06-5034-77 04 FEB 77

SEC CLASS: 05B MSN:

1P

ACCN: S079218

1455
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

BALTIYSK NAVAL FACILITIES APPROACHES
WAC NO : 0169 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 75 COMIREX NO:

25X1
25X1

DIA NBRG NDA06-5035-77 04 FEB 77 SEC CLASS: 05B MSN: 1P

ACCN: S079219

BALTIYSK NAVAL BASE
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 6-E
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5145-77 07 FEB 77 SEC CLASS: 05B MSN: 1P

ACCN: S079220

CHADAN ARMY BARRACKS AL1
WAC NO : 0240 BE/OBJ NO: [] NPIC NO : - 101
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

DIA NBRG NDA07-5146-77 07 FEB 77 SEC CLASS: 05B MSN: 1P

ACCN: S079221

NAKHICHEVAN ARMY BARRACKS NORTH AL1/SAM SUPT
WAC NO : 0340 BE/OBJ NO: [] NPIC NO : - 4-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

NAKHICHEVAN ARMY BARRACKS NORTH AL1/SAM SUPT
WAC NO : 0340 BE/OBJ NO: [] NPIC NO : - 4-A
IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

25X1
25X1

DIA BIIR RDA05-0041-76 FEB 77 [] SEC CLASS: 14B MSN: [] 13P

ACCN: S079222 25X1

LVOV/SKNILOV AIRFIELD
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 95-A
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1

LVOV/SKNILOV AIRCRAFT REPAIR BASE
WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 05F COMIREX NO:

25X1
25X1

LVOV/SKNILOV AIR DEPOT
WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 05F COMIREX NO:

25X1
25X1

LVOV/SKNILOV AIRFIELD AIR TRAFFIC CNTRL SITE
WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 25H COMIREX NO:

25X1
25X1

LVOV/SKNILOV AIRFIELD EW RADAR SITE
WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 25H COMIREX NO:

25X1
25X1

25X1

1456
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF LVOV/SKNILOV AIRFIELD AND ASSOCIATED FACILITIES DURING THE REPORTING PERIOD APRIL 1970 THROUGH FEBRUARY 1976. THE AIRFIELD IS IN WEST-EUROPEAN U.S.S.R. AND SUPPORTS FIGHTER AND TRANSPORT AIRCRAFT. SIGNIFICANT CHANGES DURING THE REPORTING PERIOD WERE THE EXTENSION OF THE RUNWAY AND THE ENLARGEMENT OF THE CIVIL TERMINAL APRON. FEATURES DESCRIBED IN THIS REPORT INCLUDE AN 8,235 FT X 145 FT CONCRETE RUNWAY, TAXIWAYS AND PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH A TOTAL ESTIMATED CAPACITY OF 2,112,614 U.S. GALLONS, AIRCRAFT MAINTENANCE, STORAGE, TRANSPORTATION, UTILITIES, DEFENSES, AND SECURITY. AOB ON KH [REDACTED] WAS 40 FISHBED, 63 FRESCO, 8 FAGOT (ALL AT LVOV/SKNILOV AIRCRAFT REPAIR BASE), 2 COOT, 1 COOKPOT, 4 CAMP, 2 CAT, 9 COKE/CURL, 4 CRATE, 9 L-410, 13 COLT, 4 MORAVA, 1 HOOK, 4 HIP, AND 3 HARE/HOPLITE.

25X1

NPIC BIIR RCA15-0003-77 FEB 77 [REDACTED] SEC CLASS: 25A MSN: [REDACTED] 7P ACCN: S079223

25X1

ALEYSK SSM COMPLEX PROPELLANT HANDLING	UR 522845N 0830520E	
WAC NO : 0162	BE/OBJ NO: [REDACTED]	NPIC NO : - 33-B
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
DERAZHNYA SSM COMPLEX PROPELLANT HANDLING	UR 491254N 0270818E	
WAC NO : 0233	BE/OBJ NO: [REDACTED]	NPIC NO : - 113-A1
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
DOMBAROVSKIY SSM COMPLEX PROPELLANT HANDLING	UR 510746N 0600957E	
WAC NO : 0236	BE/OBJ NO: [REDACTED]	NPIC NO : - 12-B
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
IMENI GASTELLO SSM COMPLEX PROPELLANT HDLG	UR 511641N 0655550E	
WAC NO : 0237	BE/OBJ NO: [REDACTED]	NPIC NO : - 23
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
PERVOMAYSK SSM COMPLEX PROPELLANT HANDLING	UR 481224N 0305416E	
WAC NO : 0233	BE/OBJ NO: [REDACTED]	NPIC NO : - 44-C1
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
ZHANGIZ TOBE SSM COMPLEX PROPELLANT HANDLING	UR 491759N 0811944E	
WAC NO : 0239	BE/OBJ NO: [REDACTED]	NPIC NO : - 35
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
YEDROVO SSM COMPLEX PROPELLANT HANDLING	UR 574640N 0331315E	
WAC NO : 0154	BE/OBJ NO: [REDACTED]	NPIC NO : - 72-A
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
UZHUR SSM COMPLEX PROPELLANT HANDLING	UR 551736N 0900138E	
WAC NO : 0161	BE/OBJ NO: [REDACTED]	NPIC NO : - 13-B
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
TATISHCHEVO SSM COMPLEX PROPELLANT HANDLING	UR 515042N 0454042E	
WAC NO : 0235	BE/OBJ NO: [REDACTED]	NPIC NO : - 49
IDHS CODE: [REDACTED]	EPF CAT : 40	COMIREX NO: [REDACTED]
MISSILES, SS-17/18/19 PRPLNT HDLG PROCEDURES	UR	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 40A	COMIREX NO:

25X1

1457
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF



25X1
25X1

KARTALY SSM COMPLEX PROPELLANT HANDLING	UR	525311N 0603417E
WAC NO : 0164	BE/OBJ NO: []	NPIC NO : - 5-B
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []
KOSTROMA SSM COMPLEX PROPELLANT HANDLING	UR	574345N 0413758E
WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 29-B
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []
KOZELSK SSM COMPLEX PROPELLANT HANDLING	UR	540734N 0352922E
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 137
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []

25X1
25X1

25X1
25X1

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25X1

THIS REPORT PRESENTS EVIDENCE SUPPORTING THE CONCLUSION THAT THE SOVIETS MAY BE USING NEW PROPELLANTS IN THE SS-17, -18, AND -19 MISSILE SYSTEMS. IN ADDITION TO MODIFICATION OF THE ORIGINAL PROPELLANT FACILITIES AT THE 12 ICBM COMPLEXES WHERE THESE MISSILE SYSTEMS ARE BEING DEPLOYED, SEVERAL ADDITIONAL FACTORS LEAD TO THIS CONCLUSION. THESE FACTORS INCLUDE CHANGES IN PROPELLANT HANDLING PROCEDURES, THE USE OF THE MULTISYSTEM PROPELLANT TRANSPORTER, AND THE ADDITION OF NEW BUILDINGS ASSOCIATED WITH THE PROPELLANT FACILITIES.

THIS REPORT INCLUDES A LOCATION MAP, FOUR ANNOTATED PHOTOGRAPHS, AND A TABLE SHOWING THE STATUS OF THE MODIFICATIONS TO THE PROPELLANT HANDLING FACILITIES.

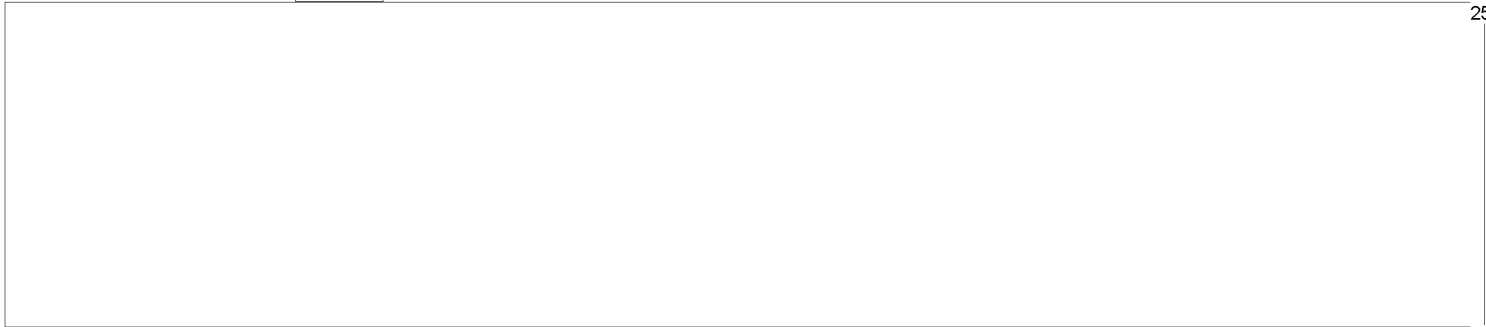
NPIC BRAD Z1223-77 24 JAN 77 SEC CLASS: 05C MSN: 2P ACCN: 5079224

SHUANGTA SSM FIELD POSITION 3 IDENTIFICATION	CH	373758N 1024508E
WAC NO : 0383	BE/OBJ NO: []	NPIC NO : - 48-D
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []
SHUANGTA SSM FIELD POSITION 4 IDENTIFICATION	CH	373937N 1024336E
WAC NO : 0383	BE/OBJ NO: []	NPIC NO : - 48-D1
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []

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25X1

25X1
25X1

25X1



1458
TOP SECRET CHESS RUFF

25X1

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TOP SECRET CHESS RUFF

25X1
25X1

25X1

DIA IIM 5B3-52323-77 14 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079294 25X1
 SMOLENSK GUIDED MISSILE + A/C CMPNTS PLT 475 UR 544910N 0320245E 25X1
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 77-A2 25X1
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1
 SMOLENSK GUIDED MISSILE + A/C CMPNTS PLT 475 UR 544910N 0320245E 25X1
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 77-A2 25X1
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

DIA IIM 5B3-52320-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079295 25X1
 NEBIT DAG AIRFIELD AAM STORAGE POTENTIAL UR 392854N 0542148E 25X1
 WAC NO : 0338 BE/OBJ NO: [] NPIC NO : - 12 25X1
 IDHS CODE: [] EPF CAT : 05I COMIREX NO: [] 25X1

DIA IIM 5B3-52354-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079296 25X1
 ROSTOV AIRFRAME PLANT 168 UR 471516N 0394318E 25X1
 WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 33-A 25X1
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

DIA IIM 5B3-52363-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079297 25X1
 VORONEZH AIRFRAME PLANT 64 UR 513819N 0391517E 25X1
 WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 46-F 25X1
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

DIA IIM 5B3-52353-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079298 25X1
 IRKUTSK AIRFRAME PLANT 39 UR 522131N 1041216E 25X1
 WAC NO : 0200 BE/OBJ NO: [] NPIC NO : - 4-A 25X1
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

DIA IIM 5B3-52372-77 23 FEB 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079299 25X1
 KHABAROVSK/BLAGODATNOYE AIRFIELD AS-7 CRATES UR 482437N 1352459E 25X1
 WAC NO : 0204 BE/OBJ NO: [] NPIC NO : - 7-S 25X1

1463
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
 KHABAROVSK/BLAGODATNOYE AIRFIELD AS-7 CRATES UR 482437N 1352459E
 WAC NO : 0204 BE/OBJ NO: [] NPIC NO : - 7-S
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: []

25X1

25X1
25X1

DIA IIM 5B3-52361-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 6P

ACCN: S07930025X1

KHARKOV AIRFRAME PLANT 135 UR 500129N 0361542E
 WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 15-G
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52391-77 24 FEB 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S07930125X1

PERM CIVIL FACILITY BUNKERED U/I UR 580040N 0560200E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 16-M3
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52366-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 2P

ACCN: S07930225X1

MOSKVA AIRFRAME PLANT 30 UR 554703N 0373249E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 46-K1
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52389-77 24 FEB 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S07930325X1

YOSHKAR OLA CIVIL FACILITY BUNKERED U/I UR 563642N 0475320E
 WAC NO : 0155 BE/OBJ NO: [] NPIC NO : - 15-A2
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52349-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S07930425X1

SARATOV AIRFRAME PLANT 292 UR 512948N 0455703E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 14-A
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52390-77 24 FEB 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S07930525X1

ALMA ATA SCIENCE ACADEMY CIVIL DEFENSE BUNKER UR 431418N 0765707E
 WAC NO : 0329 BE/OBJ NO: [] NPIC NO : - 1-02
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

25X1
25X1

ALMA ATA SCIENCE ACADEMY CIVIL DEFENSE BUNKER UR 431418N 0765707E
 WAC NO : 0329 BE/OBJ NO: [] NPIC NO : - 1-02
 IDHS CODE: [] EPF CAT : 65A COMIREX NO: []

25X1
25X1

1464
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA IIM 5B3-52312-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079306 25X1

ASHKHABAD/BEZMEIN AIRFIELD AAM STORAGE PINTL UR 380050N 0581138E
WAC NO : 0338 BE/OBJ NO: [] NPIC NO : - 3
IDHS CODE: [] EPF CAT : 05I COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52317-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079307 25X1

BOHUSLAVICE AMMUNITION PLT RIJNOVE REVOLUCE 4 CZ 490610N 0175430E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 35G COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52364-77 17 FEB 77 [] SEC CLASS: 13 MSN: [] 4P ACCN: S079309 25X1

BORISOV GRAIN ELEVATORS + WAREHOUSES UR 541250N 0283140E
WAC NO : 0168 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 80B COMIREX NO: []

25X1
25X1

NPIC MEMO [] 23 FEB 77 [] SEC CLASS: 14B MSN: [] 3P ACCN: S079310 25X1

KLIN RADIO RELAY STATION UR 561948N 0364250E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 27-A1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []
GORODNYA RADIO RELAY STATION UR 564155N 0362015E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 114-A
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1
25X1
25X1

NO NEW RADIO-RELAY FACILITIES WERE IDENTIFIED WITHIN A FIVE-NAUTICAL-MILE RADIUS OF KLIN (56-19-48N 036-42-50E) ON PHOTOGRAPHY [] DESCRIPTIONS OF KLIN RADIO RELAY STATION AND GORODNYA RADIO RELAY STATION ARE PRESENTED.*

25X1

1465
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

CIA NOTE ISSN0002K-77 15 FEB 77 [redacted] SEC CLASS: 14 MSN: 8P ACCN: S079312 25X1

ROSTA NAVAL BASE/SHIP RPR YD	NUC SUB SUPT FAC	UR 690145N 0330356E	
WAC NO : 0051	BE/OBJ NO: [redacted]	NPIC NO : - 12-F	25X1
IDHS CODE: [redacted]	EPF CAT : 75B	COMIREX NO: [redacted]	25X1
ROSTA NAVAL BASE/SHIP RPR YD	NUC SUB SUPT FAC	UR 690145N 0330356E	
WAC NO : 0051	BE/OBJ NO: [redacted]	NPIC NO : - 12-F	25X1
IDHS CODE: [redacted]	EPF CAT : 75E	COMIREX NO: [redacted]	25X1
KOZELSK SSM COMPLEX SS-19 SILO LDG PROCEDURES		UR 540734N 0352922E	
WAC NO : 0167	BE/OBJ NO: [redacted]	NPIC NO : - 137	25X1
IDHS CODE: [redacted]	EPF CAT : 40A	COMIREX NO: [redacted]	25X1
WUWEI SSM LAUNCH POSITIONS NEW		CH 3757 N 10240 E	
WAC NO : 0383	BE/OBJ NO: [redacted]	NPIC NO :	
IDHS CODE: [redacted]	EPF CAT : 40	COMIREX NO:	25X1
ROSTA NAVAL BASE/SHIP RPR YD	NUC SUB SUPT FAC	UR 690145N 0330356E	
WAC NO : 0051	BE/OBJ NO: [redacted]	NPIC NO : - 12-F	25X1
IDHS CODE: [redacted]	EPF CAT : 75A	COMIREX NO: [redacted]	25X1.1
ELECTRONICS, CUT-CYLINDER RADAR TRUCK MTD NEW		CH	
WAC NO :	BE/OBJ NO:	NPIC NO :	
IDHS CODE:	EPF CAT : 25A	COMIREX NO:	
MILITARY, ARTILLERY UNITS UPGRADING		CH	
WAC NO :	BE/OBJ NO:	NPIC NO :	
IDHS CODE:	EPF CAT : 35D	COMIREX NO:	

25X1

CIA INFR LFD026-77 03 FEB 77 [redacted] SEC CLASS: 13 MSN: 7P ACCN: S079312 25X1

PAOTOU ARMORED VEHICLE PLANT 617 CH 404006N 1095423E

1466
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0288 BE/OBJ NO: [] NPIC NO : - 13-6
IDHS CODE: [] EPF CAT : 35G COMIREX NO: []

25X1
25X1

THIS MEMORANDUM IS A DETAILED STUDY OF THE PAO-TOU ARMORED VEHICLE PLANT 617 USING ALL AVAILABLE PHOTOGRAPHY AND COLLATERAL INFORMATION. WE HAVE BEEN ABLE TO ESTABLISH THAT PAO-TOU PLANT 617 IS CURRENTLY PRODUCING APPROXIMATELY 400 ARMORED VEHICLES PER YEAR AND HAS A THEORETICAL MAXIMUM PRODUCTION CAPACITY OF OVER 6,000 TYPE 59 TANKS PER YEAR.

THE PAO-TOU ARMORED VEHICLE PLANT 617 IS LOCATED ON THE NORTHERN OUTSKIRTS OF PING-FENG-SHE-CHENG APPROXIMATELY 13 KILOMETERS NORTHWEST OF PAO-TOU. THE PLANT IS BOTH ROAD AND RAIL SERVED AND WAS BUILT IN THE 1950'S, PROBABLY WITH SOVIET AID. PAO-TOU PLANT 617 CURRENTLY PRODUCES TYPE 59 MEDIUM TANKS AND TYPE 59 ARMORED RECOVERY VEHICLES (ARVS). ADDITIONALLY, A NEW PROTOTYPE ARMORED VEHICLE PROBABLY CONSTRUCTED ON A TYPE 59 TANK CHASSIS HAS BEEN SEEN AT THE PLANT. THE FUNCTION OF THE VEHICLE IS UNKNOWN AND WAS FIRST OBSERVED AT THE PLANT IN OCTOBER 1975.

CIA INFR LFD054-77 03 FEB 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079316 25X1

BORZYA ARMY BARRACKS + HQ MRD UPGRADING UR 502105N 1162720E
WAC NO : 0202 BE/OBJ NO: [] NPIC NO : - 3-B1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []
SHIRLOVAYA GORA ARMY BARRACKS AL1 MRD POSS UR 503103N 1162346E
WAC NO : 0202 BE/OBJ NO: [] NPIC NO : - 10-B
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1
25X1
25X1

CIA INFR TSD006-77 25 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079317 25X1

KHALMER YU MISSILE TRACKING FACILITY UR 675800N 0644520E
WAC NO : 0094 BE/OBJ NO: [] NPIC NO : - 9-A1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
KHALMER YU MISSILE IMPACT AREA INSTR FAC POSS UR 680232N 0650828E
WAC NO : 0049 BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1
25X1
25X1

NO PREVIOUSLY UNREPORTED INSTRUMENTATION FACILITIES OR RADARS WHICH MIGHT SERVE AS TARGETS WERE OBSERVED WITHIN A 25-NM RADIUS OF 68-17N 064-30E. THE KHALMER-YU TRACKING FACILITY IS THE ONLY PERMANENT TRACKING STATION WITHIN THE KHALMER-YU MISSILE IMPACT AREA. A POSSIBLE TARGET/IMPACT ZONE WAS IDENTIFIED IN THE SOUTHEAST QUADRANT OF THE SEARCH AREA. IT HAS BEEN PRESENT SINCE AT LEAST MID-1974.*

CIA INFR TSD007-77 11 JAN 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079318 25X1

LENINGRAD SHIPYARD SUDOMEKH PRESSURE HULLS UR 595542N 0301649E
WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 36-B
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []
KOMSOMOLSK SHIPYARD AMUR PRESSURE HULLS SRCH UR 503232N 1370248E

25X1
25X1
25X1

1467
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0204 BE/OBJ NO: [] NPIC NO : - 13-E
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

CIA INFR TSD013-77 24 JAN 77 [] SEC CLASS: 25A MSN: 6P

ACCN: S07931925X1

SHIPS, E-2 CLASS SS6N UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1

THIS STUDY WAS UNDERTAKEN TO DETERMINE IF CERTAIN MODIFICATIONS MADE TO E-11 SSBNS ARE RELATED TO A
CHANGEOVER OF MISSILE SYSTEMS FROM THE SS-N-3 TO THE SS-NX-12. THE RESULTS ARE INCONCLUSIVE.

CIA INFR TSD015-77 24 JAN 77 [] SEC CLASS: 13 MSN: 3P

ACCN: S07932025X1

SHIPS, SARANCHA CLASS PHM UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1

ANALYSIS INDICATES THAT THE NEWEST SOVIET COASTAL PATROL BOAT, THE SARANCHA (FORMERLY THE PETR-B),
PROBABLY FIRES THE SS-N-9 MISSILE. THE SARANCHA HAS ELECTRONIC GUIDANCE EQUIPMENT IDENTICAL TO THE SS-N-9
EQUIPPED NANUCHKA CLASS GUIDED MISSILE COMBATANT (PG6P). WE ALSO OBSERVED A PROBABLE SS-N-9 MISSILE BEING
LOADED INTO ONE OF THE SARANCHA LAUNCH TUBES AT PETROVSKIY SHIPYARD IN LENINGRAD IN MID-OCTOBER 1976. IN
ADDITION, NO NEW MISSILE HANDLING EQUIPMENT HAS BEEN IDENTIFIED FOR THE SARANCHA. DURING THIS STUDY WE
ALSO EXAMINED AN OBJECT IDENTIFIED AS A POSSIBLE LOADING TRAY AT THE TALLINN SHIPYARD, AND A LOADING DOLLY
AND LAUNCH TUBE AT THE CHERNOMORSKOYE MISSILE TEST FACILITY TO DETERMINE IF THESE ITEMS WERE RELATED TO A
DIFFERENT MISSILE SYSTEM FOR THE SARANCHA. NO SUCH SYSTEM WAS IDENTIFIED.

CIA INFR TSD018-77 04 FEB 77 [] SEC CLASS: 13 MSN: 5P

ACCN: S07932125X1

ARSENIEV AIRFRAME PLT 116 CR MSL PROGRAM NEW UR 440859N 1331523E
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 44
IDHS CODE: [] EPF CAT : 056 COMIREX NO: []
ARSENIEV AIRFRAME PLT 116 CR MSL PROGRAM NEW UR 440859N 1331523E
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 44
IDHS CODE: [] EPF CAT : 40K COMIREX NO: []
ARSENIEV SHIP CMPNTS PLT 515 MSL CMPNTS PROD UR 440950N 1331446E
WAC NO : 0282 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 75E COMIREX NO:
ARSENIEV SHIP CMPNTS PLT 515 MSL CMPNTS PROD UR 440950N 1331446E
WAC NO : 0282 BE/OBJ NO: [] NPIC NO :
IDHS CODE: [] EPF CAT : 40E COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1
25X1

WE HAVE COMPLETED A STUDY OF ARSENIEV AIRFRAME PLANT 116 AND BELIEVE THERE IS EVIDENCE THAT A NEW

1468
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

CRUISE MISSILE PRODUCTION PROGRAM MAY BEGIN THERE IN THE 1977-78 PERIOD. THIS CONCLUSION IS BASED PRIMARILY ON THE CHARACTERISTICS AND LOCATION OF A LARGE NEW ASSEMBLY BUILDING WHICH IS NEARING COMPLETION IN THE CRUISE MISSILE PRODUCTION AREA OF THE PLANT. TO DATE, HOWEVER, WE HAVE IDENTIFIED NO MISSILES OR MISSILE-RELATED EQUIPMENT WHICH WE CAN ASSOCIATE WITH A NEW PROGRAM. MAJOR PLANT EXPANSION ALSO IS TAKING PLACE AT THE NEARBY ARSENYEV PLANT 515, AND THIS MAY BE RELATED TO THE PROGRAM AT PLANT 116.

CIA	INFR	TSD021-77	27 JAN 77	[]	SEC CLASS: 13	MSN:	2P	ACCN: S079322	25X1
		ROSTA NAVAL BASE/SHIP RPR YD	NUC SUB SUPT FAC	UR	690145N	0330356E			
		WAC NO : 0051	BE/OBJ NO: []		NPIC NO : -	12-F			25X1
		IDHS CODE: []	EPF CAT : 75B		COMIREX NO: []				25X1
		ROSTA NAVAL BASE/SHIP RPR YD	NUC SUB SUPT FAC	UR	690145N	0330356E			
		WAC NO : 0051	BE/OBJ NO: []		NPIC NO : -	12-F			25X1
		IDHS CODE: []	EPF CAT : 75E		COMIREX NO: []				25X1
		ROSTA NAVAL BASE/SHIP RPR YD	NUC SUB SUPT FAC	UR	690145N	0330356E			
		WAC NO : 0051	BE/OBJ NO: []		NPIC NO : -	12-F			25X1
		IDHS CODE: []	EPF CAT : 75A		COMIREX NO: []				25X1

A FACILITY AT ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT HAS RECENTLY BEEN EXPANDED, MODERNIZED AND MOST LIKELY CONVERTED INTO A MARINE REACTOR SHORE SUPPORT FACILITY. THIS FACILITY APPEARS CAPABLE OF SUPPORTING MINOR REACTOR WORK AND, WITH ADEQUATE CRANE CAPACITY, COULD PROBABLY PERFORM REFUELING OF NUCLEAR SUBMARINES. IF THIS PROVES TO BE A REACTOR SUPPORT FACILITY, IT WOULD MAKE ROSTA THE SIXTH SOVIET NORTHERN FLEET SHIPYARD CAPABLE OF WORKING ON SUBMARINE REACTORS.

CIA	INFR	TSD022-77	28 JAN 77	[]	SEC CLASS: 13	MSN:	1P	ACCN: S079325	25X1
		KUYBYSHEV AIRFRAME PLANT	LENIN BEAR F IDENT	UR	531300N	0501814E			
		WAC NO : 0165	BE/OBJ NO: []		NPIC NO : -	19-A			25X1
		IDHS CODE: []	EPF CAT : 05G		COMIREX NO: []				25X1
		RAMENSKOYE FLIGHT TEST CTR	BEAR TU-95 IDENT	UR	553418N	0380923E			
		WAC NO : 0167	BE/OBJ NO: []		NPIC NO : -	50			25X1
		IDHS CODE: []	EPF CAT : 05G		COMIREX NO: []				25X1

CIA	INFR	TSD027-77	04 FEB 77	[]	SEC CLASS: 13	MSN:	1P	ACCN: S079324	25X1
		RAMENSKOYE FLIGHT TEST CTR	SPACE SHUTTLE SRCH	UR	553418N	0380923E			
		WAC NO : 0167	BE/OBJ NO: []		NPIC NO : -	50			25X1
		IDHS CODE: []	EPF CAT : 05G		COMIREX NO: []				25X1
		RAMENSKOYE FLIGHT TEST CTR	SPACE SHUTTLE SRCH	UR	553418N	0380923E			
		WAC NO : 0167	BE/OBJ NO: []		NPIC NO : -	50			25X1
		IDHS CODE: []	EPF CAT : 40H		COMIREX NO: []				25X1

CIA	INFR	TSD016-77	19 JAN 77	[]	SEC CLASS: 13	MSN:	1P	ACCN: S079325	25X1
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1469
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

SEVERODVINSK SHIPYARD YAGRY A CLASS SSN STERN UR 643514N 0394907E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 7-K
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

CIA INFR TSD030-77 09 FEB 77 [] SEC CLASS: 24 MSN: 1P

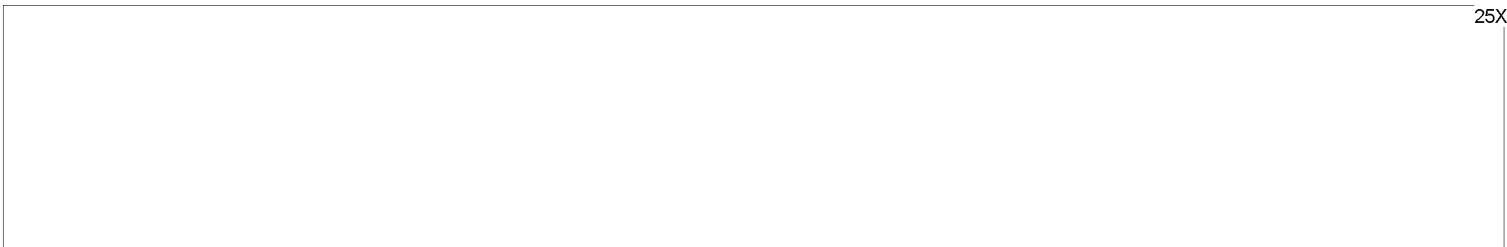
ACCN: S079326 25X1

TANTUNG AIRFIELD FARMER F F-6 COUNTS CH 400119N 1241709E
WAC NO : 0290 BE/OBJ NO: [] NPIC NO : - 27-B
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []

25X1
25X1

AIRCRAFT, FARMER F F-6 COUNTS KN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:

PHOTOGRAPHY OF 30 JANUARY AND 1 FEBRUARY 1977 CONFIRMS COMINT REPORTS OF THE MOVEMENT OF F-6 (FARMER) AIRCRAFT FROM SHEN-YANG AIRCRAFT PLANT 119 TO TANTUNG AIRFIELD, REPORTEDLY DESTINED FOR NORTH KOREA. NO INCREASE IN THE F-6 AOB IN NORTH KOREA WAS SEEN.*



25X1

CIA INFR MSD003-77 12 JAN 77 [] SEC CLASS: 24 MSN: [] 9P

ACCN: S079328 25X1

PLESETSK MTC UR 625746N 0402346E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 27
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1
25X1

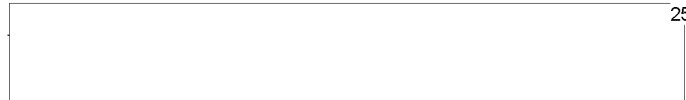
THIS MEMORANDUM IS A SUMMARY OF RANGEHEAD ACTIVITY AT PLESETSK []

CIA INFR MSD004-77 10 JAN 77 [] SEC CLASS: 13 MSN: [] 1P

ACCN: S079322 25X1

MISSILES, SS-16/AA-X-20 MOBILE EQUIPMENT SRCH UR
WAC NO : BE/OBJ NO: NPIC NO :

1470
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: EPF CAT : 40A COMIREX NO:
 MISSILES, SS-16/SS-X-20 MOBILE EQUIPMENT SRCH UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40B COMIREX NO:

NO KNOWN OR SUSPECT SS-X-16/20 ASSOCIATED EQUIPMENT WAS SEEN ON A SEARCH OF NINE SOVIET MISSILE SUPPORT REAR DEPOTS AT ALKINO, BALTA, BERDICHEV, BOBROVSKIY, GLAZOV, NOVAYA MEZINOVKA, SUROVATIKHA, TAMBOV, AND TOROPETS.*

CIA INFR MSD006-77 11 JAN 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079330 25X1

MISSILES, SS-7/SS-8 SITES OPERATIONAL STATUS UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS MEMORANDUM IS A STATUS REPORT ON THE SOVIET LAND-BASED ICBM LAUNCHERS DEPLOYED BEFORE 1964 WHICH ARE PRESENTLY CONSIDERED NON-OPERATIONAL. MISSION 1212-4 PROVIDED COVERAGE OF 113 OF THE 209 SS-7 AND SS-8 LAUNCHERS. ON THIS BUCKET DISMANTLEMENT ACTIVITY WAS IDENTIFIED FOR THE FIRST TIME AT EIGHT ADDITIONAL SS-7 SOFT LAUNCHERS, AND AT THREE SS-7 HARD LAUNCHERS. [] WE CARRIED A TOTAL OF 132 NON-OPERATIONAL LAUNCHERS. THIS INCLUDED 92 SOFT AND 21 HARD SS-7 LAUNCHERS, AND 10 SOFT AND NINE HARD SS-8 LAUNCHERS.

25X1

CIA INFR MSD011-77 17 JAN 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079331 25X1

HSITSANGTZUCHIHCHU BALLISTIC MSL SITE SEARCH CH 3500 N 08500 E
 WAC NO : 0433 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40 COMIREX NO:

CIA INFR MSD013-77 07 FEB 77 [] SEC CLASS: 13 MSN: [] 5P ACCN: S079332 25X1

CHINHSI MTC SLBM TUBE PROB CH 404126N 1205309E
 WAC NO : 0289 BE/OBJ NO: [] NPIC NO : - 19-D1
 IDHS CODE: [] EPF CAT : 40G COMIREX NO: []
 HSIAOPINGTAO SUBMARINE BASE SLBM TUBE PROB CH 384903N 1212937E
 WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 18-T
 IDHS CODE: [] EPF CAT : 75A COMIREX NO: []
 PEICHING GUIDED MISSILE PLANT SLBM TUBE POSS CH 394748N 1162358E
 WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 50-X
 IDHS CODE: [] EPF CAT : 40G COMIREX NO: []
 MISSILES, SLBM TUBES COMPARISON CH
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40G COMIREX NO:

25X1
25X1
25X1
25X1
25X1
25X1
25X1

1471 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

A PROBABLE SUBMARINE LAUNCHED BALLISTIC MISSILE (SLBM) TUBE WAS OBSERVED ON THE QUAY AT HSIAO-PING-TAO SUBMARINE BASE ON PHOTOGRAPHY [REDACTED] A SIMILAR TUBE WAS IDENTIFIED AT CHIN-HSI MISSILE TEST CENTER [REDACTED] ALSO, A PARTIALLY CANVAS-COVERED POSSIBLE SLBM TUBE WAS SEEN AT PEKING GUIDED MISSILE PLANT, NAN-YUAN ON PHOTOGRAPHY [REDACTED] WE ANALYZED THESE THREE TUBES TO DETERMINE IF THEY ARE SIMILAR, IDENTICAL OR POSSIBLY THE SAME. THIS MEMORANDUM FORWARDS THE RESULTS OF THIS ANALYSIS.

25X1
25X1
25X1

CIA INFR MSD020-77 01 FEB 77 [REDACTED] SEC CLASS: 24 MSN: [REDACTED] 12P ACCN: S079333 25X1

TYURATAM MTC
WAC NO : 0246 BE/OBJ NO: [REDACTED] UR 455637N 0632755E
IDHS CODE [REDACTED] EPF CAT : 40E NPIC NO : - 6
COMIREX NO: [REDACTED]

25X1
25X1
25X1

THIS REPORT IS A SUMMARY OF RANGEHEAD ACTIVITY FROM [REDACTED] AT TYURATAM MISSILE TEST CENTER.*

CIA INFR MSD022-77 08 FEB 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 4P ACCN: S079334 25X1

PAVLOGRAD SOLID MOTOR PROD PLANT CONTAINERS UR 483401N 0354912E
WAC NO : 0234 BE/OBJ NO: [REDACTED] NPIC NO : - 30-D
IDHS CODE: [REDACTED] EPF CAT : 40E COMIREX NO: [REDACTED]

25X1
25X1

THIS REPORT PROVIDES LOCATIONS, DESCRIPTIONS, AND COUNTS OF CYLINDERS, CRATES, CONTAINERS, AND OTHER OBJECTS SEEN AT THE PAVLOGRAD SOLID MOTOR PRODUCTION PLANT [REDACTED]

25X1

CIA INFR MSD024-77 07 FEB 77 [REDACTED] SEC CLASS: 25 MSN: [REDACTED] 2P ACCN: S079335 25X1

EMBA MTC DOWNRANGE LAUNCH AREA NEW SEARCH UR 483800N 0580300E
WAC NO : 0236 BE/OBJ NO: [REDACTED] NPIC NO : - 22
IDHS CODE: [REDACTED] EPF CAT : 40E COMIREX NO: [REDACTED]

25X1
25X1

CIA INFR ERD014-77 28 JAN 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 7P ACCN: S079336 25X1

SEVERODVINSK HEAT + THERMAL POWER PLT 1 EXPSN UR 643450N 0395125E
WAC NO : 0092 BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 30E COMIREX NO:
SEVERODVINSK HEAT + THERMAL POWER PLT 2 EXPSN UR 643400N 0395000E
WAC NO : 0092 BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 30E COMIREX NO:
KRIVOVY ROG THERMAL POWER PLT SOKOLOVKA EXPSN UR 480009N 0332626E
WAC NO : 0233 BE/OBJ NO: [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] EPF CAT : 30E COMIREX NO:
ARKHANGELSK HEAT + THERMAL POWER PLT 2 EXPSN UR 643433N 0403435E

25X1
25X1
25X1
25X1
25X1
25X1

1472
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0092 BE/OBJ No: NPIC NO :
IDHS CODE: EPF CAT : 30E COMIREX NO:

25X1
25X1

CIA INFR ERD019-77 09 FEB 77 SEC CLASS: 13 MSN: 13P

ACCN: S079337

25X1

MINSK MATHEMATICAL MACHINE BUILDING PLANT UR 535458N 0273451E
 WAC NO : 0168 BE/OBJ No: NPIC NO :
 IDHS CODE: EPF CAT : 25E COMIREX NO:
 PERM ELECTROTECHNICAL PLANT UR 575908N 0561220E
 WAC NO : 0156 BE/OBJ No: NPIC NO :
 IDHS CODE: EPF CAT : 25E COMIREX NO:
 RYAZAN ANALYTICAL + CALCULATING MACHINE PLANT UR 543651N 0394520E
 WAC NO : 0166 BE/OBJ No: NPIC NO :
 IDHS CODE: EPF CAT : 25E COMIREX NO:
 KAZAN COMPUTER + CALCULATOR PLANT UR 554829N 0491103E
 WAC NO : 0165 BE/OBJ No: NPIC NO :
 IDHS CODE: EPF CAT : 25E COMIREX NO:
 BREST COMPUTER PLANT POSS UR 520640N 0234445E
 WAC NO : 0168 BE/OBJ No: NPIC NO :
 IDHS CODE: EPF CAT : 25E COMIREX NO:

25X1
25X1

25X1
25X1

25X1
25X1

25X1
25X1

25X1
25X1

THIS REPORT PROVIDES A DETAILED DESCRIPTION AND ANNOTATED PHOTOGRAPHS OF FIVE SOVIET COMPUTER PRODUCTION PLANTS. NO SIGNATURES HAVE BEEN DEVELOPED WHICH MAKE POSSIBLE THE IDENTIFICATION OF COMPUTER PLANTS SOLELY FROM PHOTOGRAPHY; ANALYSIS IS BASED ON AVAILABLE COLLATERAL AND PHOTOGRAPHY.*

CIA INFR ERD329-76 17 DEC 76 SEC CLASS: 14 MSN: 7P

ACCN: S079338

25X1

HAMHUNG MACHINERY PLANT YONGSONG KN 394908N 1273558E
 WAC NO : 0380 BE/OBJ No: NPIC NO : - 22-I
 IDHS CODE: EPF CAT : 30C COMIREX NO:
 HUICHON MACHINE TOOL PLANT PUG KN 401103N 1261425E
 WAC NO : 0290 BE/OBJ No: NPIC NO : - 109-C
 IDHS CODE: EPF CAT : 30C COMIREX NO:

25X1
25X1

25X1
25X1

THIS MEMORANDUM PROVIDES DETAILED DESCRIPTIONS AND ANNOTATED PHOTOGRAPHS OF THE HAMHUNG MACHINERY PLANT YONGSONG AND THE HUICHON MACHINE TOOL PLANT.

CIA INFR ERD331-76 23 DEC 76 SEC CLASS: 13 MSN: 15P

ACCN: S079339

25X1

HAMHUNG EXPLOSIVES PLANT 17 HUNGNAM KN 394905N 1273520E
 WAC NO : 0380 BE/OBJ No: NPIC NO : - 22-B
 IDHS CODE: EPF CAT : 35G COMIREX NO:
 KANDONG AMMUNITION LOADING PLANT KN 390625N 1260755E

25X1
25X1

1473
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0380	BE/OBJ NO: []	NPIC NO :	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO:	25X1
KANGGYE AMMUNITION PLANT PO	DUNG PUG	KN 405905N 1263952E	
WAC NO : 0290	BE/OBJ NO: []	NPIC NO : - 92-E	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO:	25X1
KANGGYE MUNITIONS LOADING PLANT		KN 405840N 1263455E	
WAC NO : 0290	BE/OBJ NO: []	NPIC NO : - 92-A3	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO:	25X1
MANPO UP EXPLOSIVES PLANT 13	PUG	KN 411220N 1262133E	
WAC NO : 0290	BE/OBJ NO: []	NPIC NO : - 77-G	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
SINHUNG MUNITIONS PLANT PUG		KN 401030N 1273915E	
WAC NO : 0290	BE/OBJ NO: []	NPIC NO : - 140-A2	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO:	25X1

ANALYSIS REVEALS THAT ONLY FOUR OF THE SIX PREVIOUSLY IDENTIFIED NORTH KOREAN PLANTS HAVE IDENTIFIABLE EXPLOSIVES RELATED CAPABILITIES. THOSE AT HAMHUNG AND MANPO-UP PRODUCE EXPLOSIVES AND LOAD MUNITIONS WHILE THOSE AT SINHUNG AND KANGDONG ONLY LOAD MUNITIONS. THE TWO REPORTED EXPLOSIVES-RELATED PLANTS AT KANGGYE HAVE NO IDENTIFIABLE EXPLOSIVES OR MUNITIONS FUNCTION.

CAN REPT 2075-06-004-77 FEB 77 SEC CLASS: 07 MSN: 8P ACCN: S079340

AIRCRAFT, FORGER B UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PROVIDES AN ORTHOGRAPHIC DRAWING AND PHOTOGRAPHY OF THE FORGER B VTOL AIRCRAFT.

CIA INFR MSD217-76 14 JAN 77 [] SEC CLASS: 13 MSN: 4P ACCN: S07934225X1

TASHU SOLID PRPLNT PROD PLT RKT MTR TEST AREA	TW 224245N 1202430E	
WAC NO : 0613	BE/OBJ NO: []	NPIC NO : - 1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []

THIS MEMO DESCRIBES THE ROCKET MOTOR TEST AREA AT THE TASHU SOLID PROPELLANT PRODUCTION COMPLEX. THE COMPLEX IS LOCATED ABOUT 17 KILOMETERS NORTHEAST OF KAO-HSIUNG, TAIWAN. IN ADDITION TO THE ROCKET MOTOR TEST AREA, THE PROPELLANT PLANT CONTAINS A PROBABLE DOUBLE-BASE PROPELLANT PRODUCTION FACILITY, A FACILITY WHICH IS REPORTED TO PRODUCE A COMPOSITE PROPELLANT, NUMEROUS REVETTED STORAGE BUILDINGS AND TWO EXTENSIVE AREAS OF NEW CONSTRUCTION ACTIVITY.*

CIA INFR MSD239-76 10 JAN 77 [] SEC CLASS: 13 MSN: [] 9P ACCN: S079343 25X1 5X1

TUNGTAO ICBM RIM FACILITY CH 263242N 1093441E

1474
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0497 BE/OBJ NO: [] NPIC NO : - 22-E
 IDHS CODE: [] EPF CAT : 40 COMIREX NO: []
 CHIENSHUI SSM SITE 5 MISSILE CHECKOUT BLDG CH 235546N 1024406E
 WAC NO : 0616 BE/OBJ NO: [] NPIC NO : - 432-B
 IDHS CODE: [] EPF CAT : 40 COMIREX NO: []

25X1
25X1
25X1
25X1

THIS MEMORANDUM CONTAINS THE RESULTS OF A STUDY OF THE MISSILE RECEIVING, INSPECTION AND MAINTENANCE (RIM) FACILITY AT THE TUNG-TAO SSM LAUNCH COMPLEX. OIA COMPARED THIS FACILITY WITH RIM FACILITIES AT CHIEN-SHUI, LIEN-KENG-WANG, AND SUN-TIEN (LUAN-CHUAN) SSM COMPLEXES. ALSO INCLUDED IS AN ANALYSIS OF WHAT OIA BELIEVES TO BE A MISSILE CHECKOUT BUILDING AT CHIEN-SHUI SSM SITE 5, AND A COMPARISON OF THIS BUILDING TO SIMILAR BUILDINGS IN THE RIM FACILITIES.

CIA INFR MSD241-76 28 DEC 76 [] SEC CLASS: 13 MSN: [] 11P ACCN: S079344 25X1

MOSKVA MISSILE GUIDANCE + CNTRL FACS PLYUGIN UR 5545 N 03735 E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1

CIA INFR MSD245-76 13 DEC 76 [] SEC CLASS: 13 MSN: [] 4P ACCN: S079345 25X1

PEICHING GUIDED MISSILE PLT PRPLNT TANKS POSS CH 394748N 1162358E
 WAC NO : 0381 BE/OBJ NO: [] NPIC NO : - 50-Y
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THIS MEMORANDUM FORWARDS A DESCRIPTION AND THE MENSURATION OF TWO HORIZONTAL POSSIBLE PROPELLANT TANKS AND A TANK END DOME RECENTLY SEEN AT THE PEKING GUIDED MISSILE PLANT, NAN-YUAN. IT ALSO COMPARES THE POSSIBLE PROPELLANT TANKS WITH THREE SIMILAR DARK-TONED TANKS SEEN AT THE NAN-YUAN PLANT FOR THE FIRST TIME. PHOTOGRAPHS OF THE POSSIBLE PROPELLANT TANKS, THE END DOME AND THE DARK-TONED TANKS ARE INCLUDED.

25X1

CIA INFR MSD248-76 20 DEC 76 [] SEC CLASS: 24 MSN: [] 12P ACCN: S079346 25X1

TYURATAM MTC UR 455637N 0632755E
 WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 6
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THIS REPORT IS A SUMMARY OF RANGEHEAD ACTIVITY [] AT TYURATAM MISSILE TEST CENTER.*

25X1

CIA INFR MSD249-76 28 DEC 76 [] SEC CLASS: 13 MSN: [] 8P ACCN: S079347 25X1

EMBA MTC CPLX C SAM SYSTEM CANISTER-LNCHD NEW UR 483103N 0580207E
 WAC NO : 0236 BE/OBJ NO: [] NPIC NO : - 22-E

25X1

1475
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []
SARY SHAGAN MTC CPLX G SAM SYS CAN-LNCHD NEW	UR 455149N 0732352E	
WAC NO : 0245	BE/OBJ NO: []	NPIC NO : 7A-A
IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []
MISSILES, SAM SYSTEM CANISTER-LAUNCHED POSS	UR	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 40C	COMIREX NO:

25X1

25X1
25X1
25X1

CANISTER-LAUNCHED SURFACE-TO-AIR MISSILE SYSTEMS ARE PRESENTLY UNDER DEVELOPMENT AT BOTH THE EMBA AND SARY SHAGAN MISSILE TEST CENTERS. COMPONENTS OF THE EMBA MISSILE SYSTEM BEGAN TO APPEAR AT LAUNCH AREA C--THE FLIGHT TESTING SITE FOR THAT SYSTEM--IN MAY 1975. COMPONENTS OF THE SARY SHAGAN MISSILE SYSTEM WERE FIRST SEEN AT LAUNCH COMPLEX G--THAT SYSTEM'S FLIGHT TESTING SITE--IN JULY 1973.

THERE HAS BEEN SPECULATION THAT THESE SYSTEMS REPRESENT PARALLEL SAM DEVELOPMENT PROGRAMS WITH ONE SYSTEM SERVING A TACTICAL, AND THE OTHER A STRATEGIC ROLE. WE HAVE NOT YET SEEN, HOWEVER, EITHER MISSILE ON PHOTOGRAPHY. WE HAVE SEEN SEVERAL OTHER SYSTEMS' COMPONENTS INCLUDING LAUNCHERS, CANISTERS AND RADARS. THIS MEMORANDUM PRESENTS THE RESULTS OF A COMPARISON OF THE COMPONENTS OF THE EMBA AND SARY SHAGAN MISSILE SYSTEMS AS DETERMINED FROM SATELLITE PHOTOGRAPHY.

25X1

1476
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

CIA INFR TSD252-76 20 DEC 76 [] SEC CLASS: 13 MSN: 5P ACCN: S079350

SHIPS, 199D CL SSAG SUBMERSIBLE SEATING RINGS UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1

25X1

THE SUBMERSIBLE SEATING RING ON THE 199-D CLASS SSAG APPEARS TO BE COMPATIBLE IN SIZE WITH THE RESCUE BELL SEATING RINGS ON SOVIET SUBMARINES PRESENTLY IN SERVICE. THE POSSIBLE HABITAT WHICH HAS BEEN SEEN NEAR THE 199-D AT PETROVKA HAS ONE SEATING RING THAT IS DIMENSIONALLY COMPATIBLE WITH THE SUBMERSIBLES AND ONE THAT IS NOT. THE 199-D SSAG MAY BE DESIGNED TO OPERATE AS A SUBMARINE RESCUE VEHICLE.

CIA INFR TSD247-76 22 NOV 76 [] SEC CLASS: 13 MSN: 2P ACCN: S079351

AIRCRAFT, KASP A UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 05B COMIREX NO:
SHIPS, KASP A SUPPORT BARGE UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1

25X1

25X1

CIA INFR TSD261-76 30 DEC 76 [] SEC CLASS: 13 MSN: [] 11P ACCN: S079352

AIRFIELDS, ACTIVITY SUMMARY KN
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1

ALL OF THE JET-CAPABLE AIRFIELDS IN NORTH KOREA EXCEPT THE JET TRAINING BASE AT SINMUSONG WERE IMAGED ONE OR MORE TIMES ON KH PHOTOGRAPHY OF SEPTEMBER-NOVEMBER, 1976. ATOLL (AA-2) MISSILES WERE SEEN IN NORTH KOREA FOR THE FIRST TIME AT WONSON AIRFIELD [] INCREASED HELICOPTER ACTIVITY WAS OBSERVED. CONSTRUCTION OF UNDERGROUND HANGARS AND HARDENED AIRCRAFT SHELTERS CONTINUES.*

25X1

CIA INFR TSD275-76 16 DEC 76 [] SEC CLASS: 13 MSN: 3P ACCN: S079353

NAVAL, FACILITIES EXPANSION/MODERNIZATION KN
WAC NO : BE/OBJ NO: [] NPIC NO :

25X1

25X1

1477
TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF



25X1

IDHS CODE: EPF CAT : 75 COMIREX NO:

IN VIEWING RECENT SATELLITE PHOTOGRAPHY OF NORTH KOREA IT HAS BECOME EVIDENT THAT A HIGH PRIORITY HAS BEEN ESTABLISHED FOR NAVAL EXPANSION AND MODERNIZATION. THE CONSTRUCTION OF UNDERGROUND SHELTERS AND SMALL DISPERSAL FACILITIES FOR VESSELS ILLUSTRATES A STRONG COMMITMENT TO REDUCING THE VULNERABILITY OF NAVAL FORCES. THERE HAVE ALSO BEEN ADDITIONS AND IMPROVEMENTS AT MANY EXISTING SHIPYARDS AND NAVAL FACILITIES. FURTHER, THE RECENT LAUNCH OF THE SIXTH R CLASS SUBMARINE AND THE CONSTRUCTION AND ACQUISITION OF SURFACE COMBATANTS HAVE SIGNIFICANTLY STRENGTHENED NORTH KOREA'S OPERATIONAL CAPABILITIES.



25X1

NPIC MEMO [redacted] 09 SEP 76 [redacted] SEC CLASS: 13 MSN: 2P ACCN: S079355 25X1

PEICHING TELECOMMUNICATIONS CENTER ANT MSRMTS	CH 395415N 1162232E
WAC NO : 0381	BE/OBJ NO: [redacted] NPIC NO : - 50-P6
IDHS CODE: [redacted]	EPF CAT : 25D COMIREX NO: [redacted]
PEICHING RADIO + TV BROADCAST CTR ANT MSRMTS	CH 395405N 1162057E
WAC NO : 0381	BE/OBJ NO: [redacted] NPIC NO : - 50-P3
IDHS CODE: [redacted]	EPF CAT : 25B COMIREX NO: [redacted]
PEICHING RADIO + TV BROADCAST CTR ANT MSRMTS	CH 395405N 1162057E
WAC NO : 0381	BE/OBJ NO: [redacted] NPIC NO : - 50-P3
IDHS CODE: [redacted]	EPF CAT : 25D COMIREX NO: [redacted]

25X1

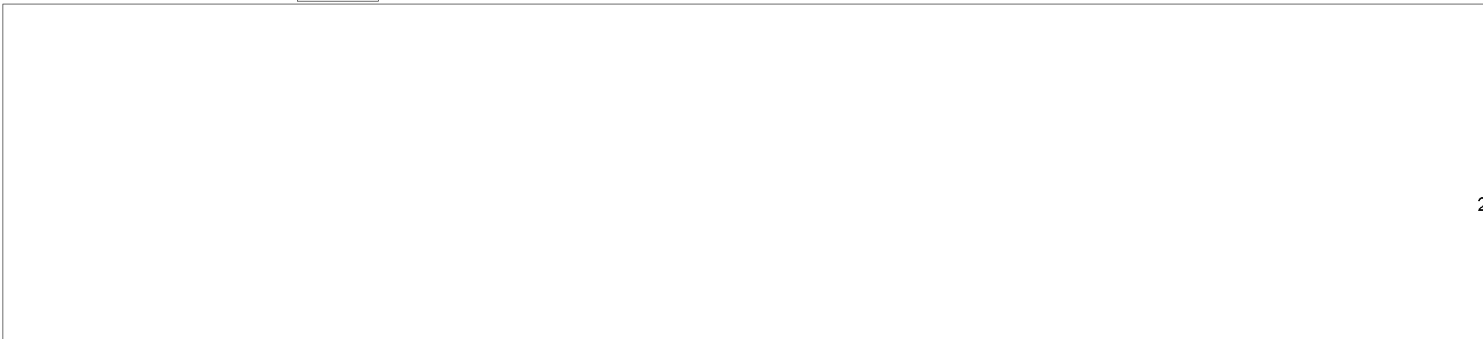
25X1

25X1

25X1

25X1

25X1



25X1

1478
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

NPIC BIIR RCA11-0001-77 FEB 77 [] SEC CLASS: 14B MSN: [] 3P ACCN: S079358 25X1

ADAMOV AMMUNITION + GM PARTS PLANT ADAST CZ 491754N 0163928E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 223
IDHS CODE: [] EPF CAT : 35G COMIREX NO: []
ADAMOV AMMUNITION + GM PARTS PLANT ADAST CZ 491754N 0163928E
WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 223
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1
25X1
25X1

THIS REPORT PROVIDES A BASIC DESCRIPTION OF THE ADAMOV AMMUNITION AND GUIDED MISSILE PARTS PLANT ADAST, CZECHOSLOVAKIA. BOTH MILITARY AND CIVILIAN PRODUCTS INCLUDING PARTS OF AT-3 SAGGER ANTITANK MISSILES, ARTILLERY ROCKETS, ARTILLERY SHELLS, AND FUSES OF VARIOUS TYPES ARE MANUFACTURED AT THIS PLANT. THESE WEAPONS ARE SHIPPED TO OTHER ARMS PLANTS FOR INSTALLATION OF THE EXPLOSIVE COMPONENTS. ON 23 AUGUST 1976, THE PLANT CONTAINED 68 BUILDINGS WITH A COMBINED FLOORSPACE OF MORE THAN 165,000 SQUARE METERS.

DIA BIIR RDA06-0015-76 MAR 77 [] SEC CLASS: 14B MSN: [] 8P ACCN: S079359 25X1

SEVASTOPOL NAVAL BASE + SHPYD KILNBALOCHNAYA UR 443655N 0333318E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 62-04
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []
SEVASTOPOL NAVAL BASE + SHPYD KILNBALOCHNAYA UR 443655N 0333318E
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 62-04
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1
25X1
25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF SEVASTOPOL NAVAL BASE AND SHIPYARD KILNBALOCHNAYA, U.S.S.R. THE INSTALLATION, LOCATED WITHIN THE SEVASTOPOL PORT COMPLEX ON THE SOUTHWEST COAST OF THE CRIMEA, IS A PROBABLE EMBARKATION AND ASSEMBLY POINT FOR SHIPS IN TRANSIT TO THE SOVIET MEDITERRANEAN FLOTILLA. IT ALSO PROVIDES LIMITED REPAIR AND CONVERSION FACILITIES FOR BLACK SEA FLEET UNITS. THE 80-ACRE FACILITY CONTAINS 15 QUAYS, 1 FLOATING PIER, 7 OPEN STORAGE AREAS, 4 POL TANKS, 1 POL STORAGE AREA, 1 STORAGE TANK, 1 UNIDENTIFIED MOUND, AND 132 BUILDINGS FOR ADMINISTRATION, BILLETING, MAINTENANCE, STORAGE, SECURITY AND SUPPORT FUNCTIONS. NOB INCLUDES SKORYY DD, NANUCHKA PGG, GRISHA PCE, PETYA FFL, MOD KOTLIN DD, ALIGATOR LST, AND OTHER SUPPORT SHIPS.

NPIC SR SR005-77 FEB 77 [] SEC CLASS: 14D MSN: [] 2P ACCN: S079360 25X1

MILITARY, ARMORED UNITS 0/B CH
WAC NO : [] BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 35 COMIREX NO: []

25X1

1479
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

THIS REPORT PROVIDES AN ANALYSIS OF 22 ARMOR ORDER OF BATTLE SIGHTINGS BASED ON PHOTOGRAPHY COVERING THE PERIOD FROM JULY THROUGH DECEMBER 1976. IN NORTH CHINA, SEVEN TANK REGIMENTS, FOUR TANK BATTALIONS, AND ELEMENTS OF ONE TANK BATTALION WERE OBSERVED. IN SOUTH CHINA, THREE TANK REGIMENTS, SEVEN TANK BATTALIONS, ONE TANK/ASSAULT GUN REGIMENT, THREE ARMORED BATTALIONS, ONE ARMORED COMPANY,

DIA NBRG NDA06-5041-77 22 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: 5079361

GORKIY SHIPYARD 112 UR 562142N 0435228E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 13-C
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1

DIA NBRG NDA06-5042-77 22 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: 5079362

GREMIKHA NAVAL BASE + SHIP REPAIR YARD UR 680418N 0392833E
WAC NO : 0051 BE/OBJ NO: [] NPIC NO : - 38-A
IDHS CODE: [] EPF CAT : 75B COMIREX NO: []
GREMIKHA NAVAL BASE + SHIP REPAIR YARD UR 680418N 0392833E
WAC NO : 0051 BE/OBJ NO: [] NPIC NO : - 38-A
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []

25X1
25X1
25X1
25X1

DIA NBRG NDA06-5043-77 22 FEB 77 SEC CLASS: 05B MSN: 1P ACCN: 5079363

LITSA GUBA SUBMARINE BASE SOUTH UR 692620N 0322526E
WAC NO : 0051 BE/OBJ NO: [] NPIC NO : - 40-C
IDHS CODE: [] EPF CAT : 75A COMIREX NO: []

25X1
25X1

NPIC TP TP002-77 FEB 77 [] SEC CLASS: 14 MSN: [] 11P ACCN: 5079364

PHOTO, AERIAL-1250 FILM EVALUATION
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

THE NPIC EVALUATION OF 300 FEET OF A-1250 EXPOSED ON MISSION 4346 LED TO THE TENTATIVE CONCLUSION THAT THIS FILM OFFERED EXPLOITATION ADVANTAGES OVER MORE CONVENTIONAL FILMS BUT WAS MORE SENSITIVE TO GEOMETRIC SMEAR WHEN EXPOSED AT HIGHER ROLL ANGLES (I.E., ABOVE 15 DEGREES). AS A CONSEQUENCE, AN EXPOSURE/SMEAR TRADEOFF WAS MADE, [] WAS UNDEREXPOSED TO HELP MINIMIZE SMEAR.

25X1

NPIC MEMO [] 24 FEB 77 [] SEC CLASS: 14B MSN: 1P ACCN: 5079365

DUBNA MICROWAVE FACILITY SEARCH UR 5645 N 03710 E
WAC NO : 0154 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 250 COMIREX NO:

25X1

1480
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

NPIC MEMO [] 24 FEB 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S079366 25X1
 SMIRNYKH AIRFIELD AW RADAR FAC TWIN EAR SRCH UR 494630N 1425150E 25X1
 WAC NO : 0205 BE/OBJ NO: [] NPIC NO : - 11-H1 25X1
 IDHS CODE: [] EPF CAT : 25H COMIREX NO: []

NPIC MEMO [] 25 FEB 77 [] SEC CLASS: 14D MSN: [] 2P ACCN: S079367 25X1
 KOMSOMOLSK TV CENTER RADIO RELAY ANTENNA SRCH UR 503215N 1370150E 25X1
 WAC NO : 0204 BE/OBJ NO: [] NPIC NO : - 13-E4 25X1
 IDHS CODE: [] EPF CAT : 25B COMIREX NO: []

KOMSOMOLSK TV CENTER RADIO RELAY ANTENNA SRCH UR 503215N 1370150E 25X1
 WAC NO : 0204 BE/OBJ NO: [] NPIC NO : - 13-E4 25X1
 IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

NPIC MEMO [] 25 FEB 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S079368 25X1
 TYURATAM/BIRLIK DOWNRANGE TRACKING FACIL SRCH UR 4846 N 06635 E
 WAC NO : 0237 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

NPIC PIR PIR002-77 FEB 77 [] SEC CLASS: 14B MSN: [] 10P ACCN: S079369 25X1
 TALDY KURGAN ARMY BARRACKS AL3 EW REGIMENT UR 450048N 0782640E 25X1
 WAC NO : 0244 BE/OBJ NO: [] NPIC NO : - 226 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

STRYY SAM SUPPORT FACILITY 3 EW REGIMENT UR 491458N 0235020E 25X1
 WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 186-61 25X1
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

MINSK ARMY BARRACKS STEPYANKA SE AL11 EW REGT UR 535434N 0274017E 25X1
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 46-S 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

MINSK ARMY BARRACKS NW AL6 EW REGIMENT UR 535534N 0272759E 25X1
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 46-V 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

CHITA ARMY BARRACKS NE EW STORAGE RESERVE UR 521031N 1133206E 25X1
 WAC NO : 0199 BE/OBJ NO: [] NPIC NO : - 2-M3 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

OMSK AW RADAR FACILITY EW STORAGE RESERVE UR 545930N 0733940E 25X1
 WAC NO : 0163 BE/OBJ NO: [] NPIC NO : - 5-S1 25X1
 IDHS CODE: [] EPF CAT : 25A COMIREX NO: []

GROMOVO MILITARY BARRACKS EW STORAGE RESERVE UR 604305N 0300050E 25X1
 WAC NO : 0103 BE/OBJ NO: [] NPIC NO : - 27-D 25X1

1481
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

IDHS CODE:	[REDACTED]	EPF CAT : 35A	COMIREX NO:
KHARKOV MILITARY DEPOT WEST DX1 EW STORAGE		UR	495837N 0360758E
WAC NO : 0234	BE/OBJ NO: [REDACTED]	NPIC NO :	[REDACTED]
IDHS CODE:	EPF CAT : 35F	COMIREX NO:	[REDACTED]
SERPUKHOV ORDNANCE DEPOT 45 EW STGE/RPR/MODIF		UR	545558N 0372429E
WAC NO : 0167	BE/OBJ NO: [REDACTED]	NPIC NO :	74-F
IDHS CODE:	EPF CAT : 35F	COMIREX NO:	[REDACTED]
ELECTRONICS, EW RADAR FACILS REGIMENT-SIZED		UR	
WAC NO :	BE/OBJ NO:	NPIC NO :	
IDHS CODE:	EPF CAT : 25A	COMIREX NO:	

25X1

25X1
25X1

25X1
25X1

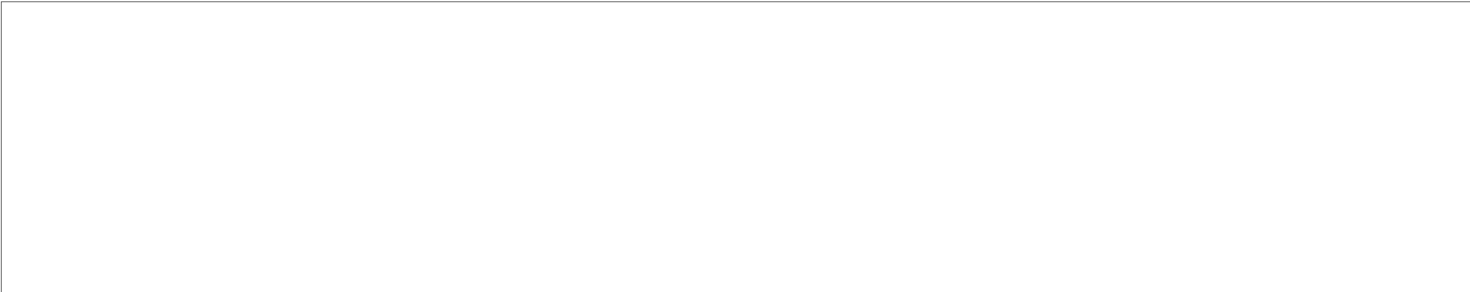
THIS REPORT CONTAINS A REVIEW OF EIGHT REGIMENT-SIZED EARLY WARNING FACILITIES/UNITS IN THE SOVIET UNION. A BASIC DESCRIPTION, ANNOTATED PHOTOGRAPHS OF FOUR OF THE INSTALLATIONS, SELECTED PHOTOGRAPHS OF EARLY WARNING RADARS, A LOCATION MAP, AND TWO TABLES ARE INCLUDED IN THIS REPORT.

A COMPARISON OF THE EIGHT FACILITIES INDICATES THAT APPARENTLY ONLY THREE OF THE FACILITIES CONTAIN A DEFINABLE EW UNIT (REGIMENT) WITH A DIRECT GROUND FORCE TACTICAL ROLE. THE DEPARTMENT OF THE ARMY ESTIMATES THAT DURING ACTUAL COMBAT OPERATIONS AT LEAST ONE EW REGIMENT MAY BE UNDER THE OVERALL CONTROL OF A FRONT COMMANDER. HIGHLY MOBILE RADARS OF THE EW REGIMENT WOULD MOVE WITH OTHER GROUND FORCE UNITS AND PROVIDE AIR WARNING (AW) AND EW AGAINST HOSTILE AIRCRAFT.

FOUR OF THE EIGHT FACILITIES ARE UNDETERMINED AS ACTUAL UNITS. IF THEY ARE UNITS, THE SUBORDINATION CANNOT BE DETERMINED AT THE PRESENT TIME. THE FACILITIES CONTAIN LARGE CONCENTRATIONS OF EW RADARS PROBABLY PARKED IN RESERVE STORAGE. THESE RADARS COULD BE USED TO REPLACE RADARS AT OPERATIONAL PVO STRANY AW RADAR SITES WHICH MAY BE DAMAGED DURING HOSTILITIES.

THESE RADARS COULD CONCEIVABLY BE USED AT THE DISCRETION OF THE FRONT COMMANDER DURING WARTIME OPERATIONS, EITHER TO FORM REGIMENTAL UNITS SIMILAR TO THE ACTIVE EW REGIMENT AT TALDY KURGAN ARMY BARRACKS AL 3 OR FOR REPLACEMENT OF DAMAGED RADARS AS NEEDED.

THE LAST INSTALLATION HAS EQUIPMENT AND FACILITIES WHICH SUGGEST IT MAY BE USED FOR STORAGE, REPAIR, AND MODIFICATION OF EW RADARS. IF THIS FACILITY CONTAINS AN ACTUAL EW UNIT, THE SUBORDINATION CANNOT BE DETERMINED AT THE PRESENT TIME.



25X1

1482
TOP SECRET CHESS RUFF



25X1

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TOP SECRET CHESS RUFF

25Y1
25X1

25X1

DIA	IIM	5B3-52392-77	24 FEB 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S079435	25X1
		SARANSK CIVIL FACILITY BUNKERED U/I			UR	541155N 0451024E			
		WAC NO : 0166		BE/OBJ NO: []	NPIC NO : -	51-E2			25X1
		IDHS CODE: []		EPF CAT : IUA	COMIREX NO:				25X1
DIA	IIM	5B3-52383-77	24 FEB 77	[]	SEC CLASS: 13	MSN: []	1P	ACCN: S079436	25X1
		GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21			UR	561916N 0435100E			
		WAC NO : 0154		BE/OBJ NO: []	NPIC NO : -	14			25X1
		IDHS CODE: []		EPF CAT : 05G	COMIREX NO: []				25X1
DIA	IIM	5B3-52375-77	24 FEB 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S079437	25X1
		KOMSOMOLSK AIRFRAME PLANT ORDZHONIKIDZE 126			UR	503518N 1370525E			
		WAC NO : 0204		BE/OBJ NO: []	NPIC NO : -	13-A			25Y1
		IDHS CODE: []		EPF CAT : 05G	COMIREX NO: []				25X1
DIA	IIM	5B3-52374-77	01 MAR 77	[]	SEC CLASS: 13	MSN: []	2P	ACCN: S079438	25X1
		NOVOSIBIRSK AIRFRAME PLANT CHKALOV 153			UR	550401N 0825910E			
		WAC NO : 0162		BE/OBJ NO: []	NPIC NO : -	7-F			25X1
		IDHS CODE: []		EPF CAT : 05G	COMIREX NO: []				25X1

1491
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA	IIM	5B3-52377-77	01 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079439	25X1
		ARSEN'EV AIRFRAME PLANT 116				UR 440859N 1331523E			
		WAC NO : 0282		BE/OBJ NO: [REDACTED]		NPIC NO : - 44			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05G		COMIREX NO: [REDACTED]			25X1
DIA	IIM	5B3-52399-77	01 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079440	25X1
		RUDNYI CIVIL FACILITY BUNKERED U/I				UR 525825N 0630548E			
		WAC NO : 0164		BE/OBJ NO: [REDACTED]		NPIC NO : - 79-A2			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 10A		COMIREX NO:			25X1
DIA	IIM	5B3-52400-77	01 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079441	25X1
		NIKOLAYEVKA CIVIL FACILITY BUNKERED U/I				UR 434045N 0770655E			
		WAC NO : 0329		BE/OBJ NO: [REDACTED]		NPIC NO : - 11-C			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 10A		COMIREX NO:			25X1
DIA	IIM	5B3-52415-77	01 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079442	25X1
		KRASNODAR/NOVO TITAROVSKAYA AIRFIELD POL STGE				UR 451512N 0385741E			
		WAC NO : 0249		BE/OBJ NO: [REDACTED]		NPIC NO : - 57			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO:			25X1
DIA	IIM	5B3-52420-77	01 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079443	25X1
		DYATLOVO AIRFIELD POL STORAGE CAPACITY				UR 533105N 0251932E			
		WAC NO : 0168		BE/OBJ NO: [REDACTED]		NPIC NO : - 152-A			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO:			25X1
DIA	IIM	5B3-52419-77	MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079444	25X1
		IZMAIL AIRFIELD				UR 452348N 0284813E			
		WAC NO : 0250		BE/OBJ NO: [REDACTED]		NPIC NO : - 33-A1			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			25X1
DIA	IIM	5B3-52422-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079445	25X1
		YEVLAKH AIRFIELD POL STORAGE CAPACITY				UR 403800N 0470618E			
		WAC NO : 0325		BE/OBJ NO: [REDACTED]		NPIC NO : - 69			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I		COMIREX NO:			25X1

25X1

1492
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

DIA	IIM	5B3-52409-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079446	25X1
		SARAJEVO AIRCRAFT ENGINE PLANT PROB			YO	435243N 0181755E			
		WAC NO : 0321		BE/OBJ NO:	NPIC NO :				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05G	COMIREX NO:				25X1
DIA	IIM	5B3-52424-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079447	25X1
		CHERVONAYA KAMENKA AIRFIELD POL STGE CAPACITY			UR	483704N 0332333E			
		WAC NO : 0233		BE/OBJ NO:	NPIC NO : - 162				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO:				25X1
DIA	IIM	5B3-52435-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079448	25X1
		SARATA AIRFIELD POL STORAGE CAPACITY			UR	460339N 0293841E			
		WAC NO : 0250		BE/OBJ NO:	NPIC NO : - 61-A				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO:				25X1
DIA	IIM	5B3-52436-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079449	25X1
		UVELSKIY AIRFIELD POL STORAGE CAPACITY			UR	542248N 0612111E			
		WAC NO : 0164		BE/OBJ NO:	NPIC NO : - 26				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05I	COMIREX NO:				25X1
DIA	IIM	5B3-52417-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079450	25X1
		ORENBURG/KARGALA AIRFIELD			UR	515300N 0551010E			
		WAC NO : 0236		BE/OBJ NO:	NPIC NO : - 2-F				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A	COMIREX NO:				25X1
DIA	IIM	5B3-52418-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079451	25X1
		UELKAL AIRFIELD			UR	653059N 1791718W			
		WAC NO : 0075		BE/OBJ NO:	NPIC NO : - 19				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A	COMIREX NO:				25X1
DIA	IIM	5B3-52394-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	4P	ACCN: S079452	25X1
		ALEKSANDRIYA AIRFIELD EAST			UR	484057N 0331114E			
		WAC NO : 0233		BE/OBJ NO:	NPIC NO : - 91-A				25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A	COMIREX NO:				25X1
DIA	IIM	5B3-52409A-77	03 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079453	25X1

1493
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

TIRASPOL AIRFIELD EAST

WAC NO : 0250
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 464820N 0295004E
NPIC NO : - 74-E
COMIREX NO:

DIA IIM 5B3-52426-77 03 MAR 77 []

SEC CLASS: 13 MSN: []

4P

ACCN: S079454

25X1
25X1
25X1

NOVOMINSKAYA AIRFIELD

WAC NO : 0249
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 462034N 0385616E
NPIC NO : - 67
COMIREX NO: []

NPIC MEMO [] 22 MAR 77 []

SEC CLASS: 14B MSN: []

3P

ACCN: S07945525X1

25X1
25X1

KARA TEPE RADIO RELAY FACILITY SEARCH

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 4151 N 02344 E
NPIC NO :
COMIREX NO:

25X1

STRYAMA RADIO RELAY FACILITY SEARCH

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 4215 N 02453 E
NPIC NO :
COMIREX NO:

25X1

BELA SLATINA RADIO RELAY STATION PROB

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 432930N 0235230E
NPIC NO :
COMIREX NO:

25X1
25X1

TOPCHIYSKO RADIO RELAY STATION PROB

WAC NO : 0323
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 424930N 0271900E
NPIC NO :
COMIREX NO:

25X1
25X1

SLIVEN RADIO RELAY STATION PROB

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 424305N 0261305E
NPIC NO :
COMIREX NO:

25X1
25X1

DZHINOVO RADIO RELAY STATION PROB

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 423620N 0260935E
NPIC NO :
COMIREX NO:

25X1
25X1

TURNOVO RADIO RELAY/TV TRANSMITTER

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25B

BU 430600N 0254045E
NPIC NO : - 95-C
COMIREX NO:

25X1
25X1

SARANTSI RADIO RELAY STATION PROB

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 424630N 0234630E
NPIC NO :
COMIREX NO:

25X1
25X1

TURNOVO RADIO RELAY/TV TRANSMITTER

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 430600N 0254045E
NPIC NO : - 95-C
COMIREX NO:

25X1
25X1

NOVA ZAGORA RADIO RELAY STATION PROB

WAC NO : 0322
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25D

BU 422505N 0260920E
NPIC NO :
COMIREX NO:

25X1
25X1
25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

STARA ZAGORA RADIO RELAY STATION PROB
 WAC NO : 0322 BE/OBJ NO: [] BU 422835N 0254005E
 IDHS CODE: [] EPF CAT : 25D NPIC NO :
 VETREN RADIO RELAY STATION PROB COMIREX NO:
 WAC NO : 0322 BE/OBJ NO: [] BU 421850N 0240130E
 IDHS CODE: [] EPF CAT : 25D NPIC NO :
 VAKAREL RADIO RELAY STATION PROB COMIREX NO:
 WAC NO : 0322 BE/OBJ NO: [] BU 423240N 0234800E
 IDHS CODE: [] EPF CAT : 25D NPIC NO :
 SPASOVO RADIO RELAY STATION PROB COMIREX NO:
 WAC NO : 0322 BE/OBJ NO: [] BU 421935N 0251610E
 IDHS CODE: [] EPF CAT : 25D NPIC NO :
 GORNA MALINA RADIO RELAY STATION PROB COMIREX NO:
 WAC NO : 0322 BE/OBJ NO: [] BU 424115N 0234300E
 IDHS CODE: [] EPF CAT : 25D NPIC NO :
 COMIREX NO:

25X1
25X1

25X1
25X1

25X1
25X1

25X1
25X1

25X1
25X1

ELEVEN NEW RADIO RELAY STATIONS AND ONE PREVIOUSLY REPORTED STATION WERE IDENTIFIED IN BULGARIA ON KEYHOLE PHOTOGRAPHY FROM MISSION 1209 TO THE PRESENT. NO RADIO RELAY FACILITIES WERE FOUND WITHIN 10 NM OF STRYAMA OR KARA TEPE.*

DIA IIM 5B3-52410-77 02 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079456 25X1

SLAVYANSK NA KUBANI AIRFIELD
WAC NO : 0249 BE/OBJ NO: [] UR 451406N 0380502E
IDHS CODE: [] EPF CAT : USA NPIC NO : - 72
COMIREX NO: 25X1
25X1

DIA IIM 5B3-52413-77 02 MAR 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079457 25X1

SHOSTKA AIRFIELD
WAC NO : 0233 BE/OBJ NO: [] UR 514950N 0332713E
IDHS CODE: [] EPF CAT : 05A NPIC NO :
COMIREX NO: 25X1
25X1

DIA IIM 5B3-52423-77 03 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079458 25X1
25X1

NIKOLAYEVSKOYE/GOREKATSAN AIRFIELD
WAC NO : 0201 BE/OBJ NO: [] UR 510519N 1115028E
IDHS CODE: [] EPF CAT : USA NPIC NO : - 60-A
COMIREX NO: 25X1
25X1

25X1

1495
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1
25X1



25X1

DIA IIM 5B3-52433-77 03 MAR 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P
 KAMYSHIN AIRFIELD UR 500330N 0452220E
 WAC NO : 0235 BE/OBJ NO: [REDACTED] NPIC NO : - 8-J
 IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO:

ACCN: S079460 25X1
25X1
25X1

DIA IIM 5B3-52442-77 03 MAR 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 3P
 TSKHINVALI AIRFIELD SOUTH UR 420713N 0435522E
 WAC NO : 0325 BE/OBJ NO: [REDACTED] NPIC NO : - 114
 IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO:

ACCN: S079461 25X1
25X1
25X1



25X1

DIA IIM 5B3-52448-77 04 MAR 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P
 KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392 UR 552415N 0855809E
 WAC NO : 0161 BE/OBJ NO: [REDACTED] NPIC NO : - 10-J
 IDHS CODE: [REDACTED] EPF CAT : 35G COMIREX NO: [REDACTED]

ACCN: S079463 25X1
25X1
25X1

DIA IIM 5B3-52450-77 04 MAR 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P
 RUBEZHNOYE CHEMICAL PLANT 20 UR 485930N 0382510E
 WAC NO : 0234 BE/OBJ NO: [REDACTED] NPIC NO : - 61
 IDHS CODE: [REDACTED] EPF CAT : 30F COMIREX NO: [REDACTED]

ACCN: S079464 25X1
25X1
25X1

DIA IIM 5B3-52451-77 04 MAR 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 2P
 DZERZHINSK EXPLOSIVES + AMMO LDG SVERDLOV 80 UR 561633N 0432318E
 WAC NO : 0154 BE/OBJ NO: [REDACTED] NPIC NO : - 12-B
 IDHS CODE: [REDACTED] EPF CAT : 35G COMIREX NO: [REDACTED]

ACCN: S079465 25X1
25X1
25X1

1496
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA IIM 5B3-52449-77 04 MAR 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079466 25X1

BIYSK EXPLOSIVES PLANT

WAC NO : 0161

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

UR 522945N 0850631E

NPIC NO : - 6-B1

COMIREX NO: []

25X1

25X1

DIA IIM 5B3-52452-77 04 MAR 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079467 25X1

GORLOVKA EXPLOSIVES PLANT 64

WAC NO : 0234

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

UR 481806N 0380756E

NPIC NO : - 9-A

COMIREX NO: []

25X1

25X1

DIA IIM 5B3-52453-77 04 MAR 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079468 25X1

CHAPAYEVSK EXPLOSIVES + MUN LDG CMB 309/15

WAC NO : 0165

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

UR 525829N 0494307E

NPIC NO : - 9-A

COMIREX NO: []

25X1

25X1

DIA IIM 5B3-52454-77 04 MAR 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079469 25X1

KRASNOURALSK EXPLOSIVES PLANT

WAC NO : 0156

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

UR 581924N 0600625E

NPIC NO : - 50-C

COMIREX NO: []

25X1

25X1

AF REPT 517-76 29 NOV 76 [] SEC CLASS: 13 MSN: [] 10P ACCN: S079471 25X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155

WAC NO : 0167

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 05G

UR 554846N 0373034E

NPIC NO : - 97-B1

COMIREX NO: []

25X1

25X1

THIS REPORT ON MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 SUPERSEDES PAR 70-732, PAR 74-508, PAR 74-689, AND PARAGRAPH 2B OF PAR 75-505. ALL APPLICABLE KEYHOLE PHOTOGRAPHY FROM JUNE 1962 THROUGH SEPTEMBER 1976 WAS USED. INCLUDED IS A TABLE OF FACILITY GROWTH EXPRESSED IN ROOF COVERAGE AND FLOORSPACE.*

1497
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF REPT 595-76 23 DEC 76 [] SEC CLASS: 13 MSN: [] 14P ACCN: S079472 25X1

MISSILES, R+D/PROD FACILS ROOF AREA INCREASE CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40E COMIREX NO:

THIS REPORT IS A CHRONOLOGICAL CUMULATIVE LISTING FROM 1962 THROUGH 1975 REFLECTING BOTH ROOF COVERAGE AND FLOORSPACE FIGURES FOR PRC R+D/PRODUCTION FACILITIES.*

AF REPT 665-76 05 JAN 77 [] SEC CLASS: 13 MSN: [] 23P ACCN: S079473 25X1

PLESETSK MTC UR 625746N 0402346E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 27
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

THIS REPORT IS AN ACTIVITY UPDATE OF THE PLESETSK MISSILE AND SPACE CENTER, USING ALL AVAILABLE PHOTOGRAPHY []

AF REPT 684-76 26 JAN 77 [] SEC CLASS: 13 MSN: [] 12P ACCN: S079474 25X1

ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK UR 562544N 0381055E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 93
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

THIS REPORT DISCUSSES ALL MODIFICATIONS OR ADDITIONS TO THE TEST STANDS AT ZAGORSK ROCKET ENGINE TEST FACILITY KRASNOZAVODSK WHICH HAVE OCCURRED BETWEEN JANUARY 1972 AND JULY 1976. ALSO INCLUDED IS A CHRONOLOGICAL LISTING OF POSSIBLE TEST RELATED ACTIVITY. ANNOTATIONS ARE KEYED TO DRAWING 70D6588.*

AF REPT 697-76 31 JAN 77 [] SEC CLASS: 13 MSN: [] 7P ACCN: S079475 25X1

YEDROVO SSM COMPLEX ICBM TYPE 3D/3H GDNC FACS UR 574640N 0331315E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 72-A
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

LAUNCH GROUPS I AND L AT YEDROVO ICBM COMPLEX HAVE BEEN RECONFIGURED FROM TYPE III-D TO TYPE III-H. THIS REPORT LISTS, WHERE POSSIBLE, THE GUIDANCE RELATED FACILITIES AT EACH LAUNCH SITE PRIOR TO AND AFTER SILO RECONFIGURATION.

AF REPT 699-76 30 NOV 76 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079476 25X1

TASHKENT RADIO COMMO RCVR STA KRUG SUPT POSS UR 412130N 0692550E
WAC NO : 0328 BE/OBJ NO: [] NPIC NO : - 27-W
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

1498
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

URTASARAY RADIO COMMO XMTR WNW KRUG SUPT POSS UR 410850N 0692120E
WAC NO : 0328 BE/OBJ NO: NPIC NO : - 27-E3
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1
25X1

TASHKENT RDO COM RCVR STA DURMEN AND URTASARAY RADCOM XMTR WNW COULD BE ASSOCIATED WITH THE TASHKENT OF FACILITIES KRUG 1+2. A DESCRIPTION AND MENSURATION OF ANTENNAS IS PROVIDED FOR BOTH FACILITIES.*

AF REPT 700-76 01 DEC 76 SEC CLASS: 13 MSN: 2P ACCN: S079477 25X1

AIRCRAFT, BEAR C TU-95 AS-6 ARMED POSS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:
MISSILES, AS-6 POSS BEAR C TU-95 MOUNTED UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1
25X1
25X1

ON PHOTOGRAPHY OF RAMENSKOYE AIRFIELD THE TWO OBJECTS PROTRUDING FROM BENEATH THE WINGROOTS OF A MODIFIED BEAR C WERE IDENTIFIED AS PROBABLE AS-6.*

25X1

AF REPT 701-76 29 NOV 76 SEC CLASS: 13 MSN: 2P ACCN: S079478 25X1

HSIUWEN AIRCRAFT PLANT SEARCH CH 2650 N 10635 E
WAC NO : 0496 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05G COMIREX NO:

AF REPT 702-76 29 NOV 76 SEC CLASS: 13 MSN: 2P ACCN: S079479 25X1

CHINGSHUIHO MISSILE AIRFRAME PLANT SEARCH CH 3954 N 11134 E
WAC NO : 0382 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40E COMIREX NO:

AF PAR 502-77 20 JAN 77 SEC CLASS: 13 MSN: 5P ACCN: S079480 25X1

25X1

MISSILES, AAM FACILITIES REMOTE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40J COMIREX NO:

25X1

1499
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

PHOTOGRAPHY OF AIR-TO-AIR MISSILE FACILITIES AT ZERBST AIRFIELD HAS BEEN EXAMINED TO DETERMINE THEIR CONSTRUCTION DATE, THE PRESENCE OF ANY COMMUNICATIONS ANTENNAS, AND ANY TRENCHING BETWEEN THE FACILITIES. IN ADDITION, 15 OTHER SOVIET AND EAST GERMAN AIRFIELDS WITH FLOGGER B AIRCRAFT WERE SEARCHED TO DETERMINE THE PRESENCE OF REMOTE AIR-TO-AIR FACILITIES.*

AF PAR 504-77 19 JAN 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: 5079481 25X1

AKHTUBINSK/VLADIMIROVKA AIRFIELD FOXBAT MODIF UR 481838N 0461424E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 18-B1
IDHS CODE: [] EPF CAT : 05A COMIREX NO: []
AIRCRAFT, FOXBAT MIG-25 MODIFIED UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1
25X1

ON PHOTOGRAPHY [] OF AKHTUBINSK/VLADIMIROVKA AIRFIELD, A MODIFIED FOXBAT WAS OBSERVED ON THE AAM SUPPORT COMPLEX ASSOCIATED FIGHTER PARKING APRON. PHOTO ANALYSIS AND MENSURATION OF THE AIRCRAFT ARE PROVIDED. NO MODIFIED FOXBAT WERE OBSERVED AT GORKIY/SORMOVO AIRFIELD OR RAMENSKOYE FLIGHT TEST CENTER.*

25X1

AF PAR 507-77 13 JAN 77 [] SEC CLASS: 13 MSN: [] 5P ACCN: 5079482 25X1

AIRFIELDS, CAVE HANGARETTES MENSURATION KN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05A COMIREX NO:

THIS REPORT PROVIDES DESCRIPTIONS AND MEASUREMENTS OF NEWLY CONSTRUCTED CAVE STORAGE FACILITIES AT NINE NORTH KOREAN AIRFIELDS.*

AF PAR 508-77 14 JAN 77 [] SEC CLASS: 13 MSN: [] 57P ACCN: 5079483 25X1

SPACE, R+D FACILITIES ROOF AREA INCREASE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:
AIRCRAFT, R+D/PROD FACILS ROOF AREA INCREASE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05G COMIREX NO:
MISSILES, R+D/PROD FACILS ROOF AREA INCREASE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40E COMIREX NO:
MILITARY, LASER R+D FACILS ROOF AREA INCREASE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35G COMIREX NO:
ELECTRONICS, R+D FACILS ROOF AREA INCREASE UR

25X1

1500
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25E COMIREX NO:

THIS REPORT PROVIDES A CHRONOLOGICAL CUMULATIVE LISTING OF ROOF COVERAGE AND FLOORSPACE OF SELECTED USSR AEROSPACE RESEARCH INSTITUTES, AIRCRAFT DESIGN/DEVELOPMENT FACILITIES, AIR BREATHING PROPULSION DESIGN/DEVELOPMENT FACILITIES, MISSILE DESIGN/DEVELOPMENT FACILITIES, LIQUID PROPULSION RESEARCH/DEVELOPMENT/TEST FACILITIES, SOLID MOTOR RESEARCH/DEVELOPMENT/PRODUCTION FACILITIES, AERODYNAMIC SYSTEM DEVELOPMENT TEST FACILITIES, MISSILE FLIGHT TEST FACILITIES, [REDACTED] 1962 THROUGH 1975.*

25X1

AF	PAR	509-77	21 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	2P	ACCN: S079484	25X1
	PEICHING GUIDED MISSILE DPC CHANGHSINTIEN CH 394849N 1160805E								
	WAC NO : 0381		BE/OBJ NO: [REDACTED]		NPIC NO : - 50-J1				
	IDHS CODE: [REDACTED]		EPF CAT : 40E		COMIREX NO: [REDACTED]				
AF	ENDR	A1524-76	06 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079485	25X1
	AIRCRAFT, CHECH B								
	WAC NO :		BE/OBJ NO: [REDACTED]		UR NPIC NO :				
	IDHS CODE:		EPF CAT : USB		COMIREX NO:				
AF	ENDR	C1523-76	06 JAN 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079486	25X1
	AIRCRAFT, CHECH A								
	WAC NO :		BE/OBJ NO: [REDACTED]		UR NPIC NO :				
	IDHS CODE:		EPF CAT : 05B		COMIREX NO:				
AF	ENDR	C6504-76	19 NOV 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079487	25X1
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 UR 554846N 0373034E								
	WAC NO : 0167		BE/OBJ NO: [REDACTED]		NPIC NO : - 97-B1				
	IDHS CODE: [REDACTED]		EPF CAT : 05G		COMIREX NO: [REDACTED]				
AF	ENDR	E6524-1-75	27 SEP 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079488	25X1
	PLESETSK MTC SPACE SITE 27 CONST EARLY-STAGE UR 625423N 0404715E								
	WAC NO : 0102		BE/OBJ NO: [REDACTED]		NPIC NO : - 27-X				
	IDHS CODE: [REDACTED]		EPF CAT : 40H		COMIREX NO: [REDACTED]				
AF	ENDR	E1517-76	21 SEP 76	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079489	25X1
	PLESETSK MTC SPACE SITE 27 CONST MID-STAGE UR 625423N 0404715E								

25X1

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25X1

1501

TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

WAC NO : 0102 BE/OBJ NO: [REDACTED] NPIC NO : - 27-X 25X1
 IDHS CODE: [REDACTED] EPF CAT : 40H COMIREX NO: [REDACTED] 25X1

AF ENDR E1520-1-74 14 JAN 77 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 1P ACCN: S079490 25X1

AIRCRAFT, KASP A UR
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 05B COMIREX NO:

NPIC TP TP001-77 JAN 77 [REDACTED] SEC CLASS: 14 MSN: 7P ACCN: S079491 25X1

PHOTO, KH-11 EXPLOITATION REFERENCE GUIDE
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 65 COMIREX NO:

NPIC MEMO [REDACTED] 16 FEB 77 [REDACTED] SEC CLASS: 13 MSN: 2P ACCN: S079492 25X1

KIMCHAEK RADIO COMMO XMTR STA VLF CPBL SEARCH KN 404059N 1291217E
 WAC NO : 0290 BE/OBJ NO: [REDACTED] NPIC NO : - 99-6 25X1
 IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: 25X1

PYONGYANG RADIO COMMO RCVR INTL VLF CPBL SRCH KN 390343N 1255345E
 WAC NO : 0380 BE/OBJ NO: [REDACTED] NPIC NO : - 11-K1 25X1
 IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: 25X1

ARMY DSIIB BAC24-8001-77 MAR 77 SEC CLASS: 05B MSN: 4P ACCN: S079493

MILITARY, M-1967 122MM SELF-PROPELLED HOW [REDACTED] CH 25X1
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

THE PURPOSE OF THIS BRIEF IS TO PROVIDE CURRENT INFORMATION ON THE PEOPLES REPUBLIC OF CHINA'S (PRC) 122 MM SELF-PROPELLED HOWITZER M1967. THIS INFORMATION IS DERIVED FROM PHOTOGRAPHS RECORDED FROM CHINESE TELEVISION IN HONG KONG AND FROM SATELLITE IMAGERY. AN INTRODUCTION, A BASIC DESCRIPTION, TWO PHOTOGRAPHS, AN ANNOTATED PRINT, AND A LINE DRAWING ARE INCLUDED. THIS INFORMATION IS CURRENT AS OF DECEMBER 1976.

ARMY REPT RAC24-8006-76 JAN 77 SEC CLASS: 05 MSN: 47P ACCN: S079494

MILITARY, ROCKET LAUNCHER UNITS/INSTLS/TRNG KN
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35 COMIREX NO:

MILITARY, BM-14/17 140MM RKT LNCHR GAZ-63 MTD UR
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO : 25X1
 IDHS CODE: EPF CAT : 35E COMIREX NO:

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

MILITARY, BMD-20 200MM RKT LNCHR ZIL-151 MTD UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, BM-24 240MM RKT LNCHR ZIL-151 MTD UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, BM-21 122MM RKT LNCHR URAL-375 MTD UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, BM-13 132MM RKT LNCHR ZIL-151 MTD UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, BM-14/16 140MM ROCKET LAUNCHER UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1

25X1

25X1

25X1

25X1

THE PURPOSE OF THIS DIRECT SUPPORT IMAGERY INTERPRETATION REPORT (DSIIR) IS TO UPDATE THE UNIT HOLDINGS OF TRUCK-MOUNTED MULTIPLE ROCKET LAUNCHERS (MRL'S), TO IDENTIFY MRL'S BY TYPE, AND TO DETERMINE THE ECHELON OF MRL UNITS IN NORTH KOREA.

THE REPORT CONTAINS A BRIEF DESCRIPTION OF THE MRL'S IN THE NORTH KOREAN INVENTORY, THE INSTALLATIONS AND THE TRAINING FACILITIES OF MRL UNITS, AND COMMENTS AS TO THEIR ORGANIZATION. ALSO INCLUDED IS A BREAKDOWN BY CORPS AREAS OF EACH INSTALLATION CONTAINING MRL'S. THE DSIIR CONSISTS OF 6 PAGES OF TEXT, 17 PHOTOGRAPHS, 2 ARTIST CONCEPTS, 2 TABLES, 2 ORGANIZATIONAL CHARTS, 8 PAGES OF EQUIPMENT SIGHTINGS, 8 PAGES OF INSTALLATION INFORMATION, AND 7 MAPS.

IMAGERY FROM APRIL 1974 TO OCTOBER 1976 WAS REVIEWED FOR THIS REPORT, AND THE INFORMATION IS CURRENT AS OF OCTOBER 1976.

ARMY NOTE 5-77 JAN 77 [] SEC CLASS: 14 MSN: [] 9P ACCN: S079495 25X1

MANDERA SA-2 REGIMENT IDENTIFICATION SO 0955 N 04442 E
 WAC NO : 0790 BE/OBJ NO: NPIC NO :
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: 25X1

A NEW SA-2 SURFACE-TO-AIR MISSILE (SAM) REGIMENT WAS IDENTIFIED IN NORTHERN SOMALIA [] 65
 [] IN THE VICINITY OF MANDERA PRISON/VEHICLE PARK []
 KILOMETERS SOUTHWEST OF BERBERA. THE UNIT CURRENTLY IS CONDUCTING SAM TRAINING EXERCISES PRIOR TO ITS
 PROBABLE DEPLOYMENT TO THE BERBERA AREA. THE ADDITION OF THE NEW SA-2 SAM REGIMENT UPGRADES DEFENSES
 AGAINST MEDIUM-TO HIGH-ALTITUDE AIRCRAFT THREATS IN NORTHERN SOMALIA. THE PHOTOGRAPHY SHOWS FOR THE FIRST
 TIME A FULL COMPLEMENT SA-2 SAM REGIMENT ENGAGED IN VARIOUS TRAINING EXERCISES PRIOR TO DEPLOYMENT.

25X1

25X1

25X1

ARMY NOTE 7-77 JAN 77 [] SEC CLASS: 24 MSN: [] 11P ACCN: S079496 25X1

STORAGE, POL STORAGE ACTIVITY SUMMARY SO

1503
TOP SECRET CHESS RUFF

25X1



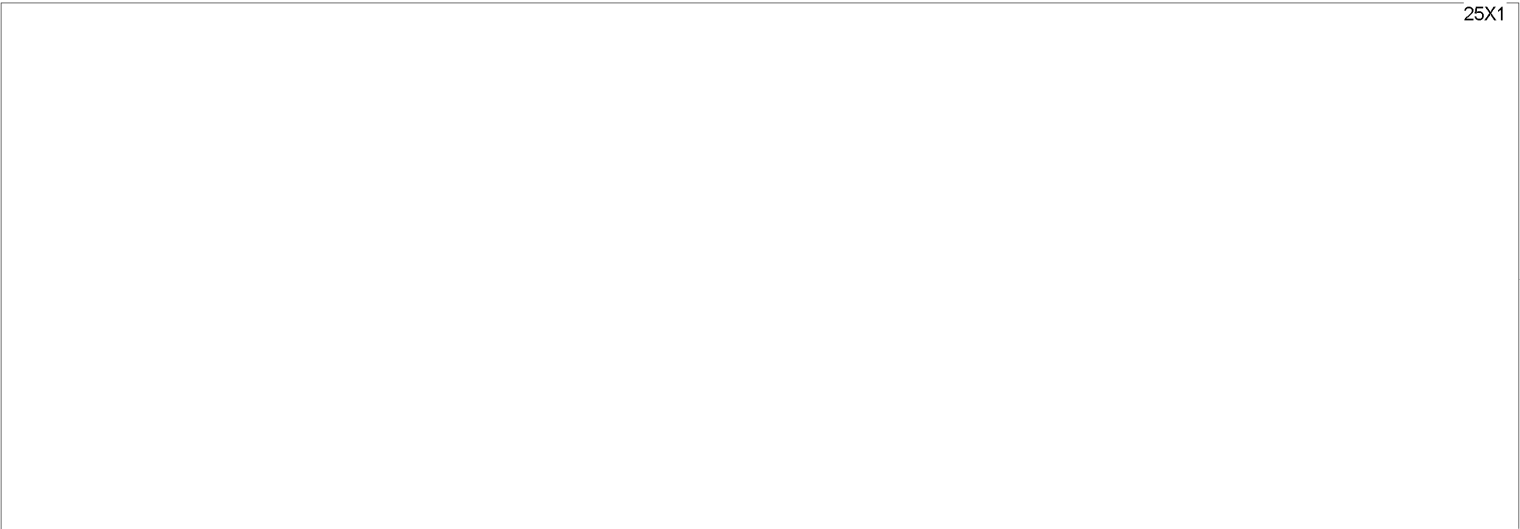
TOP SECRET CHESS RUFF



25X1

WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 80A	COMIREX NO:
NAVAL, PORT FACILITIES ACTIVITY SUMMARY		SO
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 75I	COMIREX NO:
MISSILES, ACTIVITY SUMMARY		SO
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 40	COMIREX NO:
AIRFIELDS, ACTIVITY SUMMARY		SO
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 05A	COMIREX NO:

AN UPGRADE OF MAJOR FACILITIES IS CONTINUING IN SOMALIA. A THIRD DEEP WATER PORT HAS BEEN CONSTRUCTED IN THE COUNTRY AT MOGADISCIO, AND POL FACILITIES HAVE BEEN EXPANDED AT BERBERA, MOGADISCIO, AND CHISIMAIO. NEW IDENTIFICATIONS INCLUDE THE DEPLOYMENT OF SOVIET TU-95 BEAR D AIRCRAFT TO UANLE UEN (FORMERLY BELEDAL AMIN) AIRFIELD.



25X1

1504
TOP SECRET CHESS RUFF



25X1

[Redacted] TOP SECRET CHESS RUFF [Redacted]

25X1
25X1

25X1

AF REPT REE25-8016-76 02 OCT 76

SEC CLASS: 05

MSN:

19P

ACCN: S079504

MILITARY, GROUND FORCES MODERNIZATION SGF

HU

1505
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35	COMIREX NO:
AIRFIELDS, MODERNIZATION SGF		HU
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 05A	COMIREX NO:
MISSILES, SAM MODERNIZATION SGF		HU
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 40C	COMIREX NO:

THIS DIRECT SUPPORT IMAGERY INTERPRETATION REPORT (DSIIR) PRESENTS INFORMATION ON THE SOVIET SOUTHERN GROUP OF FORCES (SGF) IN HUNGARY. IT SPECIFICALLY DEALS WITH THE UPGRADING OF SOVIET WEAPON INVENTORIES IN THE CATEGORIES OF AIR, MISSILE, AND GROUND FORCES. THE REPORT ADDRESSES ONLY SIGNIFICANT CHANGES THAT HAVE OCCURRED WITHIN THE SGF IN RECENT YEARS; IT IS NOT INTENDED TO BE AN INCLUSIVE ANALYSIS OF ALL CURRENT SGF ACTIVITY. THE REPORT CONSISTS OF A DESCRIPTION OF ACTIVITY, ANNOTATED PHOTOGRAPHS AND A MAP REFERENCE. THE INFORMATION PRESENTED IS CURRENT AS OF SEPTEMBER 1976 AND WAS DERIVED FROM THE EXPLOITATION OF SATELLITE IMAGERY AND DATA OBTAINED FROM COLLATERAL INTELLIGENCE SOURCES.

NPIC PIR PIR001-77 MAR 77 [] SEC CLASS: 25A MSN: [] 17P ACCN: S07950525X1

MISSILES, SS-16/SS-X-20 ACTIVITY	UR		
WAC NO :	BE/OBJ NO:	NPIC NO :	
IDHS CODE:	EPF CAT : 40A	COMIREX NO:	
MISSILES, SS-16/SS-X-20 ACTIVITY	UR		
WAC NO :	BE/OBJ NO:	NPIC NO :	
IDHS CODE:	EPF CAT : 40B	COMIREX NO:	
PLESETSK MTC SS-16/SS-X-20 ACTIVITY	UR	625746N 0402346E	
WAC NO : 0102	BE/OBJ NO: []	NPIC NO : - 27	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	225X1
KAPUSTIN YAR MTC SS-16/SS-X-20 ACTIVITY	UR	484107N 0455853E	
WAC NO : 0235	BE/OBJ NO: []	NPIC NO : - 10	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
KONKOVICHI SSM COMPLEX SS-16/SS-X-20 ACTIVITY	UR	521814N 0283850E	
WAC NO : 0168	BE/OBJ NO: []	NPIC NO : - 137-E	25X1
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []	25X1
KOZHANOVICHI SSM COMPLEX SS-16/SS-X-20 ACT	UR	521258N 0275251E	
WAC NO : 016A	BE/OBJ NO: []	NPIC NO : - 156-F	25X1
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []	25X1
DROVYANAYA SSM COMPLEX SS-16/SS-X-20 ACTIVITY	UR	512743N 1131147E	
WAC NO : 0201	BE/OBJ NO: []	NPIC NO : - 53	25X1
IDHS CODE: []	EPF CAT : 40	COMIREX NO: []	25X1
VOLGOGRAD STEEL + MACHINE PLT SS-16/SS-X-20	UR	484632N 0443449E	
WAC NO : 0235	BE/OBJ NO: []	NPIC NO : - 16-D	25X1
IDHS CODE: []	EPF CAT : 30C	COMIREX NO: []	25X1

1506
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

VOLGOGRAD STEEL + MACHINE PLT SS-16/SS-X-20 UR 484632N 0443449E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 16-D
IDHS CODE: [] EPF CAT : 40 COMIREX NO: []

25X1
25X1
25X1

SINCE NOVEMBER 1974, SIGNIFICANT SS-X-16/-20-RELATED ACTIVITY HAS BEEN SEEN AT THREE SOVIET DEPLOYED SSM COMPLEXES AND TWO OFFENSIVE MISSILE TEST CENTERS. THIS ACTIVITY INCLUDED THE CONSTRUCTION OF THREE DISTINCT TYPES OF DRIVE-IN GARAGES, MODIFICATIONS TO EXISTING MISSILE-RELATED BUILDINGS, MODIFICATIONS AND NEW CONSTRUCTION AT THE RAIL-TO-ROAD TRANSFER POINTS (RRTPS) SERVING THE DEPLOYED SSM SITES, AND THE DEPLOYMENT OF TWIN EAR TROPOSCATTER COMMUNICATIONS VEHICLES IN SUPPORT OF THE TWO MISSILE SYSTEMS. THIS REPORT, WHICH IS A PHOTOGRAPHIC ANALYSIS OF THIS ACTIVITY, WAS PREPARED TO ASSIST THE INTELLIGENCE COMMUNITY IN THE OVERALL ANALYSIS OF THE DEVELOPMENT AND DEPLOYMENT OF THE SS-X-16 ICBM AND SS-X-20 IRBM STRATEGIC MISSILE SYSTEMS. SINCE THE CONSTRUCTION ACTIVITY AT THESE FACILITIES IS INCOMPLETE, THIS ANALYSIS REPRESENTS PRELIMINARY VIEWS SUBJECT TO FURTHER INTERPRETATION AS MORE INFORMATION BECOMES AVAILABLE. THE INFORMATION IN THIS REPORT IS CURRENT THROUGH 25 OCTOBER 1976.

CIA REPT IS10001J-77 FEB 77 [] SEC CLASS: 24 MSN: [] 29P ACCN: S079506

25X1
25X1

KAPUSTIN YAR MTC SRBM RELATED ACTIVITY UR 484107N 0455853E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 10
IDHS CODE: [] EPF CAT : 40B COMIREX NO: []

25X1
25X1
25X1

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF ACTIVITY ASSOCIATED WITH SHORT-RANGE BALLISTIC MISSILE (SRBM) TROOP TRAINING AND R+D FLIGHT TESTING AT THE KAPUSTIN YAR MISSILE TEST CENTER. THE PERIOD COVERED BY THIS STUDY IS FROM AUGUST 1970 THROUGH MAY 1976.

DIA NBRG NDA07-5155-77 04 MAR 77 [] SEC CLASS: 05B MSN: [] 1P ACCN: S079507

25X1
25X1

CHARDZHOU ARMY BARRACKS AL6 UR 390525N 0633600E
WAC NO : 0337 BE/OBJ NO: [] NPIC NO : - 1-H1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

DIA NBRG NDA07-5156-77 04 MAR 77 [] SEC CLASS: 05B MSN: [] 1P ACCN: S079508

25X1
25X1

KIZYL ARVAT ARMY BARRACKS AL5 UR 385705N 0561738E
WAC NO : 0338 BE/OBJ NO: [] NPIC NO : []
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

DIA NBRG NDA07-5152-77 04 MAR 77 [] SEC CLASS: 05G MSN: [] 1P ACCN: S079509

25X1
25X1

ARKHARA ARMY BARRACKS AL1 UR 492432N 1300630E
WAC NO : 0203 BE/OBJ NO: [] NPIC NO : - 1-A
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

1507
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA	NBRG	NDA07-5153-77	04 MAR 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079510
		NALAYH ARMY BARRACKS AL1		MG	473135N 1071845E		
		WAC NO : 0285	BE/OBJ NO: []	NPIC NO :	- 12-C		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO:	[]		25X1.1
DIA	NBRG	NDA07-5154-77	04 MAR 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079511
		SMOLYANINOVO ARMY BARRACKS AL1/TRNG AREA TA3		UR	431808N 1322816E		
		WAC NO : 0291	BE/OBJ NO: []	NPIC NO :	- 38-A		25X1
		IDHS CODE: []	EPF CAT : 35	COMIREX NO:	[]		25X1
DIA	NBRG	NDA07-5157-77	04 MAR 77	SEC CLASS: 05G	MSN:	1P	ACCN: S079512
		ULAN UDE ARMY BARRACKS AL8		UR	514800N 1073915E		
		WAC NO : 0201	BE/OBJ NO: []	NPIC NO :	- 18-C5		25X1
		IDHS CODE: []	EPF CAT : 35A	COMIREX NO:	[]		25X1
DIA	BIIR	RDA10-0018-76	MAR 77	SEC CLASS: 14B	MSN: []	22P	ACCN: S07951325X1
		KIYEV PORT COMPLEX DNEPR RIVER		UR	502828N 0303113E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	[]		25X1
		IDHS CODE: []	EPF CAT : 75I	COMIREX NO:	[]		25X1
		KIYEV CEMENT GRINDING/REINFORCED CONCRETE PLT		UR	502330N 0303440E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	[]		25X1
		IDHS CODE: []	EPF CAT : 30B	COMIREX NO:	[]		25X1
		KIYEV GRAIN ELEVATOR + WAREHOUSES PORT		UR	502815N 0303125E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	[]		25X1
		IDHS CODE: []	EPF CAT : 80B	COMIREX NO:	[]		25X1
		KIYEV SHIPYARD LENINSKAYA KUZNITSA		UR	502845N 0303142E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	- 29-03		25X1
		IDHS CODE: []	EPF CAT : 75E	COMIREX NO:	[]		25X1
		KIYEV SHIPYARD STALIN		UR	502845N 0303019E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	- 29-02		25X1
		IDHS CODE: []	EPF CAT : 75E	COMIREX NO:	[]		25X1
		KIYEV HEAT + THERMAL POWER PLANT TETS 2		UR	503515N 0303033E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	- 29-5		25X1
		IDHS CODE: []	EPF CAT : 30E	COMIREX NO:	[]		25X1
		KIYEV REINFORCED CONCRETE PRODUCTS PLANT 3		UR	502737N 0303500E		
		WAC NO : 0233	BE/OBJ NO: []	NPIC NO :	[]		25X1
		IDHS CODE: []	EPF CAT : 30B	COMIREX NO:	[]		25X1

THIS REPORT SUPERSEDES DIA, BDA-10/0011/71, [] KIYEV PORT AREA NORTH, U.S.S.R., OCT 70 (TOP

1508
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SECRET RUFF), FORMERLY THE BASIC REPORT FOR THIS INSTALLATION. KIEV PORT AREA NORTH IS DESIGNATED AREA N IN THIS REPORT.

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF KIEV PORT COMPLEX DNEPR RIVER. THE COMPLEX, LOCATED ON AN APPROXIMATELY 11-NM SEGMENT OF BOTH BANKS, ALSO INCLUDES ISLANDS, BACKWATERS, INLETS, AND BASINS OF THE DNEPR RIVER. IT LIES ON THE EAST EDGE OF KIEV, IN THE KIEV MILITARY DISTRICT, U.S.S.R. BULKHEADS, SLOPING CONCRETE BANKS, QUAYS, AND WHARVES PROVIDE [REDACTED] OF BERTHING. ADDITIONAL BERTHING IS FOUND AT 197 VARIOUS BERTHING STRUCTURES. THE PORT PROVIDES 1,184,765 SQUARE FEET OF OPEN STORAGE SPACE, CONTAINS 49 BUILDING/STRUCTURES, AND UTILIZES 53 PIECES OF MECHANICAL HANDLING EQUIPMENT AND SEVERAL CONVEYORS.

25X1

DIA BIIR RDA05-0046-76 MAR 77 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 10P ACCN: S079514

25X1

RAVNETS AIRFIELD	WAC NO : 0323	BE/OBJ NO: [REDACTED]	BU 423148N 0271551E
	IDHS CODE: [REDACTED]	EPF CAT : 05A	NPIC NO : - 9
RAVNETS TALL KING AW RADAR FACILITY	WAC NO : 0323	BE/OBJ NO: [REDACTED]	COMIREX NO: [REDACTED]
	IDHS CODE: [REDACTED]	EPF CAT : 25A	BU 422900N 0271701E
RAVNETS AIRFIELD GCA SITE	WAC NO : 0323	BE/OBJ NO: [REDACTED]	NPIC NO : - 9-A
	IDHS CODE: [REDACTED]	EPF CAT : 25H	COMIREX NO: [REDACTED]
RAVNETS AAM SUPPORT FACILITY	WAC NO : 0323	BE/OBJ NO: [REDACTED]	BU 423200N 0271600E
	IDHS CODE: [REDACTED]	EPF CAT : 40J	NPIC NO :
			COMIREX NO: [REDACTED]
			BU 423135N 0271645E
			NPIC NO :
			COMIREX NO: [REDACTED]

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF RAVNETS AIRFIELD AND RELATED FACILITIES DURING THE PERIOD AUGUST 1971 TO FEBRUARY 1976. THE AIRFIELD, LOCATED IN EAST BULGARIA, SERVES AS A JET FIGHTER BASE. DURING THIS PERIOD SEVERAL SIGNIFICANT CHANGES WERE OBSERVED AT THE AIRBASE -- 17 HANGARETTES WERE IN VARIOUS STAGES OF CONSTRUCTION, RUNWAY A WAS BEING RESURFACED, AND RUNWAY B HAD BEEN CONSTRUCTED. FEATURES DESCRIBED IN THIS REPORT INCLUDE TWO CONCRETE RUNWAYS MEASURING [REDACTED] 8,200 FT X 165 FT, TAXIWAYS AND PARKING FACILITIES, NAVIGATIONAL/LANDING/ELECTRONIC AIDS, POL STORAGE WITH AN ESTIMATED TOTAL CAPACITY OF 596,295 U.S. GALLONS, AIRCRAFT MAINTENANCE, ORDNANCE, TRANSPORTATION, UTILITIES, AND DEFENSES. AOB [REDACTED] INCLUDED 1 MAX TYPE, 3 FRESCO, AND 11 FISHBED.

25X1

25X1

25X1

1509
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Large Redacted Area]

25X1

CIA REPT IS10003-77 FEB 77 SEC CLASS: 05 MSN: 4P ACCN: S079518

MISSILES, SA-8
WAC NO :
IDHS CODE:
BE/OBJ NO :
EPF CAT : 40C
UR
NPIC NO :
COMIREX NO:

25X1

THE SA-8 IS A HIGHLY MOBILE, TACTICAL, SURFACE-TO-AIR MISSILE (SAM) SYSTEM. THE ESSENTIAL ELEMENTS OF THIS SYSTEM ARE THE SA-8 (GECKO) MISSILE AND ITS TRANSPORTER-ERECTOR-LAUNCHER (TEL). THE GECKO MISSILE IS A RELATIVELY SMALL, COMMAND-GUIDED MISSILE WHICH WILL OPERATE AT LOW-TO-MEDIUM ALTITUDES. THE TEL IS AMPHIBIOUS AND HAS FOUR MISSILE LAUNCH RAILS, AN ACQUISITION RADAR, AND A FIRE CONTROL UNIT MOUNTED ON IT. BECAUSE EACH VEHICLE IS A COMPLETE FIRING UNIT, THIS SYSTEM REPRESENTS A SIGNIFICANT DESIGN IMPROVEMENT OVER THE SA-4 AND SA-6 SAM SYSTEMS. THIS UNIT IS MORE EFFICIENT AND HAS IMPROVED SURVIVABILITY.

NPIC MEMO [Redacted] 14 MAR 77 [Redacted] SEC CLASS: 25D MSN: [Redacted] 2P

ACCN: S079519

SOSURA RADIO RELAY STATION IDENTIFICATION KN 421600N 1303610E
WAC NO : 0290 BE/OBJ NO: NPIC NO :
IDHS CODE: [Redacted] EPF CAT : 25D COMIREX NO:

25X1

A NEW RADIO-RELAY STATION WAS IDENTIFIED 0.3 NAUTICAL MILES SOUTH OF SOSURA, NORTH KOREA ON PHOTOGRAPHY [Redacted] NO OTHER RADIO-RELAY STATIONS WERE FOUND BETWEEN NAJIN, NORTH KOREA, AND VLADIVOSTOCK, USSR.*

25X1

NPIC MEMO [Redacted] 14 MAR 77 [Redacted] SEC CLASS: 14B MSN: [Redacted] 3P

ACCN: S079520

SIGULDA GCC RELOCATION SITE BUNKER UR 571525N 0250420E
WAC NO : 0153 BE/OBJ NO: NPIC NO :

25X1

1510
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1

NPIC MEMO [] 16 MAR 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S079522

25X1

KISLOVODSK TROPOSCATTER SYSTEM NEW SEARCH	UR 4346 N 04248 E
WAC NO : 0324	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
MAYSKIY TROPOSCATTER SYSTEM NEW SEARCH	UR 5641 N 04628 E
WAC NO : 0155	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
KOTOVSK TROPOSCATTER SYSTEM NEW SEARCH	UR 5223 N 04134 E
WAC NO : 0166	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
	COMIREX NO:

NPIC MEMO [] 16 MAR 77 [] SEC CLASS: 14B MSN: [] 2P ACCN: S079523

25X1

DEREVENISHCHI RADIO RELAY STATION	UR 553410N 0391642E
WAC NO : 0166	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 25D
KUROVSKOYE/SHATURTORF RADIO RELAY LINE SEARCH	UR 5534 N 03856 E
WAC NO : 0167	BE/OBJ NO:
IDHS CODE: []	EPF CAT : 25D
SHATURTORF/KUROVSKOYE RADIO RELAY LINE SEARCH	UR 5534 N 03926 E
WAC NO : 0166	BE/OBJ NO:
IDHS CODE: []	EPF CAT : 25D
	COMIREX NO:

25X1
25X1

25X1

25X1

AN AREA OF 1.5 NAUTICAL MILES ON EACH SIDE OF THE RAILROAD BETWEEN KUROVSKOYE AND SHATURTORF. USSR WAS SEARCHED FOR RADIO-RELAY STATIONS. THE ONLY RADIO-RELAY STATION IDENTIFIED IN THE SEARCH AREA WAS THE DEREVENISHCHI RADIO-RELAY STATION. IT IS BELIEVED THAT THIS STATION IS PROBABLY A LINK BETWEEN RECHITSY RADIO-RELAY STATION AND THE CHERUSTI RADIO-RELAY STATION.

25X1

1511
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

DIA IIM 5B3-52406-77 11 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07952425X1

MINSK GCC RELOCATION SITE BUNKER U/G SEARCH UR 5353 N 02735 E

WAC NO : 0168 BE/OBJ NO: NPIC NO :

IDHS CODE: [] EPF CAT : 10A COMIREX NO:

25X1
25X1

DIA IIM 5B3-52472-77 08 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07952625X1

MAKANCHI AIRFIELD UR 464830N 0820030E

WAC NO : 0244 BE/OBJ NO: [] NPIC NO : - 215

IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

DIA IIM 5B3-52473-77 08 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S07952725X1

DZHUSALY AIRFIELD UR 453105N 0640455E

WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 4-A

IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

DIA IIM 5B3-52474-77 10 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07952825X1

NAVOI AIRFIELD UR 400702N 065117E

WAC NO : 0327 BE/OBJ NO: [] NPIC NO : - 5-A

IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

DIA IIM 5B3-52476-77 10 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07952925X1

RYBINSK AIRFIELD NE UR 580613N 0385537E

WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 52-B

IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

DIA IIM 5B3-52475-77 10 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S07953025X1

YANOVICHI AIRFIELD UR 551946N 0304153E

WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 87

IDHS CODE: [] EPF CAT : 05A COMIREX NO:

25X1
25X1

1512
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA IIM 5B3-52477-77 10 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079531 25X1
 RZHEV/BAKHMUTOVO AIRFIELD
 WAC NO : 0154 BE/OBJ NO: [] UR 562218N 0340520E 25X1
 IDHS CODE: [] EPF CAT : 05A NPIC NO : - 50-I 25X1
 COMIREX NO:

DIA IIM 5B3-52504-77 11 MAR 77 [] SEC CLASS: 13 MSN: [] 2P ACCN: S079532 25X1
 NOR GEKHI CIVIL DEFENSE HQ/CP ARMENIAN SSR UR 402100N 0443050E 25X1
 WAC NO : 0325 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []
 NOR GEKHI CIVIL DEFENSE HQ/CP ARMENIAN SSR UR 402100N 0443050E 25X1
 WAC NO : 0325 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

DIA IIM 5B3-52505-77 11 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079533 25X1
 MINSK CIVIL DEF SHELTER U/G BELORUSSIAN SSR UR 5353 N 02735 E 25X1
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

DIA IIM 5B3-52507-77 11 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079534 25X1
 VILNIUS CIVIL DEFENSE HQ U/G LITHUANIAN SSR UR 5440 N 02516 E 25X1
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

DIA IIM 5B3-52508-77 11 MAR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079535 25X1
 NEMENCINE CIVIL DEFENSE COMMAND POST U/G UR 545020N 0252700E 25X1
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []
 NEMENCINE CIVIL DEFENSE COMMAND POST U/G UR 545020N 0252700E 25X1
 WAC NO : 0168 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

DIA IIM 5B3-52792-77 25 APR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079536 25X1
 KISHINEV CIVIL DEF SHLTR PIROGOVA ULITSA SRCH UR 4700 N 02850 E 25X1
 WAC NO : 0250 BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

1513
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA IIM 5B3-52793-77 25 APR 77 [] SEC CLASS: 13 MSN: [] 1P ACCN: S079537 25X1
 KISHINEV CIVIL DEF BKR KOLOVSKOGO ULITSA SRCH UR 4700 N 02850 E
 WAC NO : 0250 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 10A COMIREX NO:

DIA IIM 5B3-52518-77 15 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079538 25X1
 YAMASHURMA AIRFIELD UR 555845N 0493510E
 WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 85
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: 25X1

DIA IIM 5B3-52526-77 15 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079539 25X1
 SARATOV/SHARAPOVKA AIRFIELD UR 513838N 0460355E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 14-F1
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: 25X1

DIA IIM 5B3-52536-77 16 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079541 25X1
 SARATOV AIRFIELD WEST UR 513222N 0455048E
 WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 14-6
 IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1

DIA IIM 5B2-52001-77 MAR 77 [] SEC CLASS: 14 MSN: [] 5P ACCN: S079543 25X1
 YALTA PORT FACILITIES UR 442943N 0341015E
 WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 127
 IDHS CODE: [] EPF CAT : 75I COMIREX NO: [] 25X1

DIA IIM 5B2-52005-77 MAR 77 [] SEC CLASS: 14 MSN: [] 4P ACCN: S079544 25X1

1514
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

ARMY STDY

NOV 76

SEC CLASS: 24

MSN:

45P

ACCN: S079552

25X1

MISSILES, DEFENSIVE SYSTEMS, TRENDS

CH

1515

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40 COMIREX NO:

AVAILABLE INTELLIGENCE INDICATES THAT THE PRC IS DEVELOPING A NEW SURFACE-TO-AIR MISSILE SYSTEM. BASED ON THE INTELLIGENCE DATA PROVIDED BY MIA AND ON ENGINEERING ANALYSES, SRI FORMULATED SEVERAL POSSIBLE CONSTRUCTS FOR THE NEW SYSTEM. THE SYSTEM CONCEPT CONSIDERED THE MOST PROBABLE WOULD BE SIMILAR TO THE SOVIET SA-6 SYSTEM AND WOULD PERFORM A SIMILAR ROLE. SRI PERFORMED A PRELIMINARY DESIGN AND PERFORMANCE ASSESSMENT OF THE MISSILE, BASED ON AVAILABLE MENSURAL DATA. BASED ON THE ASSESSED MISSILE PERFORMANCE, SRI THEN ESTIMATED THE RADAR REQUIREMENTS TO SUPPORT A REASONABLE SYSTEM PERFORMANCE AGAINST A REPRESENTATIVE THREAT. THE MOST PROBABLE MISSILE CONFIGURATION HAS A SINGLE STAGE CONTAINING BOTH A SOLID-PROPELLANT BOOSTER AND SUSTAINER.

ALTHOUGH THE PRC IS CONFRONTED WITH A FORMIDABLE BALLISTIC MISSILE THREAT, IT PROBABLY WILL NOT DEVELOP AN ABM SYSTEM TO COUNTER THIS THREAT. THE PRC WOULD REQUIRE A TREMENDOUS EFFORT TO ATTAIN EQUIVALENCE TO THE U.S. OR SOVIET UNION IN COMPONENT TECHNOLOGY AND TEST RANGE CAPABILITY. FURTHERMORE, THE PRODUCTION AND DEPLOYMENT OF A STRATEGICALLY SIGNIFICANT ABM SYSTEM WOULD PROBABLY BE A TREMENDOUS ECONOMIC BURDEN FOR THE RELATIVELY NON-INDUSTRIALIZED PRC. THE PRC IS DEVELOPING IRBM AND MRBM SYSTEMS CAPABLE OF REACHING THE SOVIET UNION. HOWEVER, FOR THIS DETERRENT TO BE CREDIBLE, THE PRC MUST HAVE ADEQUATE WARNING TO LAUNCH THEIR MISSILES BEFORE THEY COULD BE DESTROYED BY A SOVIET PREEMPTIVE ATTACK. THUS, A NETWORK OF ACCURATE BALLISTIC MISSILE EARLY WARNING (BMEW) RADARS IS REQUIRED. THE PRC HAS CONSTRUCTED AND TESTED A LARGE PHASED ARRAY RADAR NEAR HSUAN-HUA. THIS RADAR IS ASSESSED TO BE THE FIRST OF A NUMBER OF BMEW RADARS THAT WILL BE CAPABLE OF DETECTING BALLISTIC MISSILE ATTACKS LAUNCHED FROM ANY AZIMUTH.

DIA REPT IAR007-76 JAN 77 [] SEC CLASS: 14E MSN: 27P ACCN: S07955325X1

MILITARY, DEFENSIVE AREA TRENCH NETWORKS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:
CHANGCHIAKOU ARMY BKS/DEF AREA TRENCH NETWORK CH 410120N 1143800E
WAC NO : 0288 BE/OBJ NO: NPIC NO : - 2-0
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1
25X1

A NEW PHOTOANALYTIC TECHNIQUE WAS DEVELOPED DURING A DETAILED STUDY OF THE 65TH ARMY, PEOPLE'S REPUBLIC OF CHINA ARMY (PRCA). THIS TECHNIQUE PROVIDES INSIGHT INTO THE ORGANIZATION OF AN UNOCCUPIED DEFENSIVE AREA THAT HAD BEEN CONSTRUCTED BY THE CHINESE IN RESPONSE TO A POTENTIAL SOVIET THREAT. THE NORTHEAST SECTOR OF CHANG-CHIA-KOU ARMY BARRACKS AND DEFENSIVE AREA WAS ANALYZED USING THIS TECHNIQUE. THE ANALYSIS INDICATES THAT THE 65TH ARMY, CURRENTLY BILLETED IN INSTALLATIONS SOUTH OF THE DEFENSIVE AREA, COULD OCCUPY THE 25-KILOMETER-LONG TRENCH SYSTEM IN THE NORTHEAST SECTOR OF THE DEFENSIVE AREA.

DIA STDY DDI2610-006-76 DEC 76 [] SEC CLASS: 24 MSN: 26P ACCN: S07955425X1

ELECTRONICS, COMMAND CONTROL FACILS HARDENED UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

1516
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ELECTRONICS, COMMAND CONTROL FACILS HARDENED	BU
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
	NPIC NO :
	COMIREX NO:

25X1

ELECTRONICS, COMMAND CONTROL FACILS HARDENED	PL
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
	NPIC NO :
	COMIREX NO:
ELECTRONICS, COMMAND CONTROL FACILS HARDENED	HU
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
	NPIC NO :
	COMIREX NO:
ELECTRONICS, COMMAND CONTROL FACILS HARDENED	CZ
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25D
	NPIC NO :
	COMIREX NO:

THIS STUDY PROVIDES AN OVERVIEW OF SOVIET/WARSAW PACT COMMAND AND CONTROL HARDENING EFFORTS IN EASTERN EUROPE. THE EASTERN EUROPEAN HARDENED COMMAND, CONTROL, AND COMMUNICATIONS SYSTEM IS CLOSELY INTERCONNECTED WITH THE SOVIET SYSTEM, WHICH IS THE MOST DISPERSED, REDUNDANT AND HARDENED IN THE WORLD. THIS STUDY IS A FOLLOW-ON TO THE SOVIET GENERAL STAFF ALTERNATE COMMAND POST STUDY (DDI-2610-2-76-SAO) PUBLISHED IN JUNE 1976. FUTURE STUDIES WILL ADDRESS OTHER ASPECTS OF THE SOVIET AND EAST EUROPEAN COMMAND AND CONTROL SYSTEMS.

DIA STDY DDI2680-023-77 JAN 77 [] SEC CLASS: 24 MSN: 37P ACCN: S079555 25X1

MISSILES, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 40
	NPIC NO :
	COMIREX NO:
NAVAL, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 75
	NPIC NO :
	COMIREX NO:
AIRCRAFT, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 05
	NPIC NO :
	COMIREX NO:
ELECTRONICS, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25
	NPIC NO :
	COMIREX NO:
MILITARY, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 35
	NPIC NO :
	COMIREX NO:
NUCLEAR, DEVELOPMENTS	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 55
	NPIC NO :
	COMIREX NO:

1517 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

PHOTO, RECONNAISSANCE DEVELOPMENTS

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

UR

THIS QUARTERLY REPORT PRESENTS AN OVERVIEW OF TRENDS IN SOVIET FORCES. IT SUMMARIZES THE MOST SIGNIFICANT DEVELOPMENTS AND PLACES THEM IN PERSPECTIVE AGAINST OVERALL PROJECTIONS AND TRENDS FOR EACH FORCE ELEMENT OR ACTIVITY.*

DIA REPT IAR001-77 JAN 77 TCS-609500-77 SEC CLASS: 13 MSN: 11P ACCN: S079556

KARTALY ICBM COMPLEX CP/BUNKER ANTENNA MAST	UR	530222N 0603634E	
WAC NO : 0164	BE/OBJ NO:	NPIC NO : - 5-F1	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1
KARTALY ICBM HQ RADCOM XMTR STA NE ANT MAST	UR	532326N 0605732E	
WAC NO : 0164	BE/OBJ NO: []	NPIC NO : - 58	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1
KARTALY ICBM LAUNCH CONTROL FACIL AA ANT MAST	UR	525850N 0602148E	
WAC NO : 0164	BE/OBJ NO: []	NPIC NO : - 5-E8	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1
PERVOMAYSK SSM COMPLEX ANTENNA MAST	UR	481224N 0305416E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 44-C1	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1
DERAZHNYA SSM COMPLEX ANTENNA MAST	UR	491254N 0270818E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 113-A1	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1
TYURATAM MTC LAUNCH CONTROL FACIL S ANT MAST	UR	460044N 0630104E	
WAC NO : 0246	BE/OBJ NO: []	NPIC NO : - 6-T3	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1
TYURATAM MTC LAUNCH CONTROL FACIL R ANT MAST	UR	455431N 0632553E	
WAC NO : 0246	BE/OBJ NO: []	NPIC NO : - 6-Y6	25X1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []	25X1

THIS REPORT EXAMINES THE CHARACTERISTICS OF MAST-MOUNTED MULTIDIPOLE ANTENNAS IDENTIFIED AT SOVIET IIX ICBM COMMAND AND CONTROL SITES. THE ANTENNAS ARE USED FOR COMMUNICATIONS LINKS DIRECTED TO PRIMARY AND ALTERNATE COMMAND HEADQUARTERS. THE DESIGN CHARACTERISTICS OF THE ANTENNAS INDICATE USE AT AN UNDETERMINED RADIO FREQUENCY WITHIN THE 80-150 MEGAHERTZ RANGE.*

NPIC BIBLO [] JAN 77 [] SEC CLASS: 25 MSN: 14P ACCN: S07955725X1

GENERAL BIBLIOGRAPHY MIL THREAT US SECURITY

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 10 COMIREX NO:

1518
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

THIS BIBLIOGRAPHY HAS BEEN PREPARED BY THE STAFF OF THE NPIC LIBRARY AND IS BASED ON ARTICLES, BOOKS, AND DOCUMENTS CONTAINED IN OUR COLLECTION. THE BIBLIOGRAPHY IS IN THREE SEPARATE PARTS; PART ONE CONTAINS UNCLASSIFIED ARTICLES AND BOOKS, PART TWO IS A LISTING OF SECRET AND BELOW DOCUMENTS, PART THREE CONTAINS TOP SECRET AND SECRET CODEWORD DOCUMENTS.

DIA STDY DST1000R-552-77 31 JAN 77 [] SEC CLASS: 25 MSN: 58P ACCN: S079558 25X1

MISSILES, BALLISTIC MISSILE SYS ACT SUMMARY CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40 COMIREX NO:

THIS SEMI-ANNUAL REPORT PRESENTS A SUMMARY OF THE PEOPLE'S REPUBLIC OF CHINA (PRC) ICBM/IRBM/MRBM SYSTEMS ACTIVITY OBSERVED DURING THE PERIOD 1 JULY 1976 TO 31 DECEMBER 1976. THE REPORT CONTAINS ASSESSMENTS OF NEW OR UNUSUAL ACTIVITY INVOLVING OPERATIONAL SYSTEMS, INCLUDING THE RESPECTIVE DEPLOYMENT PROGRAMS. IN ADDITION, INDICATORS OF EMERGING OR NEW ICBM/IRBM/MRBM SYSTEMS DETECTED IN COMINT, FLIGHT TEST ACTIVITY, AND OVERHEAD PHOTOGRAPHY OF MISSILE PRODUCTION FACILITIES, ROCKET ENGINE TEST FACILITIES, AND MISSILE TEST CENTERS ARE DISCUSSED.

DIA STDY DST2610S-298-76 15 DEC 76 [] SEC CLASS: 25 X MSN: 197P ACCN: S079559 25X1

ELECTRONICS, COMMAND CONTROL FACILS INTEL/WNG UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 250 COMIREX NO:

THIS REPORT PRESENTS A DESCRIPTION OF THE SOVIET INTELLIGENCE AND WARNING SYSTEMS AND, TO THE EXTENT THAT INFORMATION IS AVAILABLE, THEIR SUBORDINATION AND COMMAND AND CONTROL NETWORKS.*

DIA STDY DDI1010-031-77 FEB 77 [] SEC CLASS: 14 MSN: 72P ACCN: S079560 25X1

MISSILES, SS-19 DEPLOYMENT ASSESSMENT UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

THE INTELLIGENCE COMMUNITY IS UNABLE TO DETERMINE WITH CERTAINTY THE NUMBER OF SOVIET SS-19 ICBMS DEPLOYED. THIS UNCERTAINTY RESULTS FROM THE COMMON USE OF THE III-6 TYPE SILO TO HOUSE BOTH THE SS-19 AND THE SS-11 MODS 2 AND 3, AS WELL AS THE LACK OF OTHER DISTINCTIVE DEPLOYMENT SIGNATURES COMMON ONLY TO THE SS-19 SYSTEM. PRIOR TO DEPLOYMENT OF THE SS-19, EACH MISSILE SYSTEM HAD ITS OWN DISTINCTIVE SIGNATURES SUCH AS A SPECIFIC SILO TYPE, GROUND SUPPORT EQUIPMENT (GSE) UNIQUE TO THAT SYSTEM, AND A SITE CONFIGURATION COMMON TO EACH INDIVIDUAL SYSTEM.

IN ORDER TO ESTABLISH A MORE ACCURATE BASIS FOR THREAT ANALYSIS, DIA CONDUCTED A REVIEW OF POSSIBLE INDICATORS WHICH MIGHT SERVE TO DISCRIMINATE BETWEEN THE SS-11 AND SS-19. THE MOST LIKELY DISCRIMINATOR AT THIS TIME APPEARS TO BE THE PRESENCE OF HARDENED, BURIED ANTENNAS ASSOCIATED WITH THE SS-19 BUT NOT WITH THE SS-11 MODS 2 AND 3. THESE ANTENNAS ARE ALSO COMMON TO TWO OTHER NEW GENERATION ICBMS, THE SS-17 AND

1519
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SS-18. COMBINING THE PRESENCE OF THE HARDENED, BURIED ANTENNAS WITH OTHER INDICATORS HISTORICALLY USED TO DETERMINE THE EXTENT OF MISSILE SYSTEM DEPLOYMENT, DIA BELIEVES THAT THERE ARE CURRENTLY 90 SS-19 AND 120 SS-11 MISSILES DEPLOYED RATHER THAN THE 150 SS-19'S AND 60 SS-11 MOD 2 AND 3 MISSILES AS PREVIOUSLY ASSESSED.

NAVY DSIIR RMC25-8001-77 FEB 77 SEC CLASS: 05 MSN: 34P ACCN: 5079561

LOAITA ISLAND AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 104007N 1142520E	NPIC NO : - 4	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
SAND CAY AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 102235N 1142845E	NPIC NO : - 5	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
NORTHEAST CAY AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 112630N 1142029E	NPIC NO : - 6	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
SOUTHWEST CAY AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 112631N 1142030E	NPIC NO : - 6-A	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
SIN COWE ISLAND AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 095315N 1141942E	NPIC NO : - 7	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
THITU ISLAND AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 110315N 1141659E	NPIC NO : - 8	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
NAMYIT ISLAND AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 101032N 1142140E	NPIC NO : - 1	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
ITU ABA ISLAND AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 102230N 1142130E	NPIC NO : - 3	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
SPRATLY ISLAND AREA STUDY	WAC NO : 0740	BE/OBJ NO: []	PG 083800N 1115430E	NPIC NO : - 2	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1
NANSHAN ISLAND AREA STUDY	WAC NO : 0741	BE/OBJ NO: []	PG 104425N 1154820E	NPIC NO : - 1	25X1
	IDHS CODE: []	EPF CAT : 15F	COMIREX NO: []		25X1.1

THIS REPORT PROVIDES A PHOTOGRAPH AND BRIEF DESCRIPTIONS OF SELECTED ISLANDS IN THE SPRATLY ISLAND GROUP. IT SUPERSEDES FICPAC DSIIR RMC 25/8001/76.*

NAVY REPT RMC06-8004-76 NOV 76 SEC CLASS: 05 MSN: 122P ACCN: 5079562

1520
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

NAVAL, PACIFIC FLEET INSTALLATIONS

WAC NO : BE/OBJ NO: UR
IDHS CODE: EPF CAT : 75 NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES A BRIEF DESCRIPTION AND PHOTOGRAPHS OF THE SOVIET PACIFIC FLEET NAVAL OPERATING BASES, FACILITIES, AND SHIPYARDS ENGAGED IN NAVAL CONSTRUCTION AND REPAIR.*

NPIC NAIR R01-76 DEC 76 SEC CLASS: 05 MSN: 11P ACCN: S079563

PHOTO, BAYESIAN APPROACH IMAGERY INTELLIGENCE

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

THIS REPORT DESCRIBES A BAYESIAN ANALYSIS APPROACH TO SOLVING AN IMAGERY-RELATED INTELLIGENCE PROBLEM. BAYESIAN ANALYSIS IS AN ANALYTICAL TOOL THAT UTILIZES DATA FROM ALL SOURCES, INCLUDING SUBTLE PHOTOGRAPHIC INFORMATION. IT CAN COMBINE ANALYSIS FROM SEVERAL INDIVIDUALS, AND IS STATISTICALLY REPEATABLE. THE PURPOSE OF THIS REPORT IS TO SHOW HOW THIS TECHNIQUE CAN BE APPLIED TO THE TYPE OF INTELLIGENCE PROBLEM AN IMAGERY ANALYST ENCOUNTERS AND TO DEMONSTRATE HOW THE TECHNIQUE CAN TAKE ADVANTAGE OF IMAGERY INFORMATION.*

25X1

ARMY NOTE 6-77 JAN 77 SEC CLASS: 05P MSN: 17P ACCN: S079566

MILITARY, T-72 MEDIUM TANK

WAC NO : BE/OBJ NO: UR
IDHS CODE: EPF CAT : 35E NPIC NO :
COMIREX NO:

25X1

SOME OF THE MORE SIGNIFICANT FEATURES THAT WERE OBSERVED ON THE T-72 TANK ARE --
A. A NEW MAIN GUN, ASSESSED TO BE 115MM, WITH A THERMAL SHIELD WHICH WILL IMPROVE ACCURACY BY

1521
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

- DISTRIBUTING HEAT EVENLY ALONG THE LENGTH OF THE TUBE.
- B. AN ELECTRO-OPTICAL OR LASER RANGE FINDER WHICH WILL INCREASE FIRST-ROUND HIT CAPABILITY.
- C. INFRARED SIGHTS, AND POSSIBLE PASSIVE NIGHT VISION DEVICES.
- D. A DUAL-PURPOSE MACHINEGUN, MOUNTED ON THE COMMANDER'S CUPOLA AND CAPABLE OF BEING OPERATED FROM WITHIN THE TURRET WITH THE HATCH CLOSED. THE MACHINEGUN IS PROBABLY A VARIANT OF A MODEL DESIGNED FOR HELICOPTER REMOTE-FIRING APPLICATION.
- E. UNIQUE FENDER SHIELDS COMPOSED OF FOUR PLATES PER SIDE; THESE PLATES, WHEN PROJECTED OUTWARD, PROVIDE INCREASED PROTECTION TO THE HULL SIDE FROM A FRONTAL ATTACK.
- F. A NEW SUPPORT ROLLER SUSPENSION SYSTEM WHICH REPRESENTS A CHANGE IN SOVIET TANK DESIGN.
- G. A NEW SNORKELING TECHNIQUE WHICH MAY INDICATE THAT THE ENGINE AND CREW COMPARTMENTS ARE COMPLETELY SEALED OFF AND THUS PROVIDE BETTER CHEMICAL-BIOLOGICAL-RADIOLOGICAL PROTECTION.

ARMY NOTE 8-77 FEB 77 SEC CLASS: 05B MSN: 3P ACCN: S079567

MILITARY, M-1974 SELF-PROPELLED GUN NEW KN
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1

A NEW SELF-PROPELLED GUN WAS IDENTIFIED IN NORTH KOREA IN JANUARY 1977 FROM SATELLITE PHOTOGRAPHY []
 [] WHEN PREVIOUS COVERAGE WAS REVIEWED, IT WAS ESTABLISHED THAT THE SP GUN M-1974 HAD BEEN
 FIRST PHOTOGRAPHED [] BUT WAS NOT RECOGNIZED THEN AS A NEW ITEM OF EQUIPMENT. IN VIEW OF
 THE FIRST DATE OF SIGHTING, THIS GUN IS PROVISIONALLY CALLED THE NORTH KOREAN SP GUN M-1974. THE SP GUN
 M-1974 IS THOUGHT TO BE PRODUCED IN NORTH KOREA AT THE TOKCHON MOTOR VEHICLE PLANT AND THE TOKCHON
 ARTILLERY OPTICAL REPAIR PLANT. THE DEPLOYMENT OF THIS NEW WEAPON IS ALREADY EXTENSIVE AND COULD BE AS
 HIGH AS 31 BATTERIES OF 4 GUNS EACH. HOWEVER, ALL UNITS ARE PROBABLY NOT AS YET AT FULL STRENGTH. THE HIGH
 COUNT OF THIS NEW WEAPON TO DATE HAS BEEN 77. THIS TOTAL WAS OBSERVED [] IN 15 OF THE 16
 INSTALLATIONS AT WHICH THESE GUNS ARE KNOWN TO BE LOCATED.

25X1
25X1
25X1

25X1

NPIC PIR PIR008-77 APR 77 [] SEC CLASS: 14B MSN: 3P ACCN: S079568 25X1

PHOTO, D-2/D-3 SSBN DIFFERENTIATION PROBLEMS
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 65 COMIREX NO:
 SHIPS, D-2/D-3 CLASS SSBN COMPARISON UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1

25X1

1522
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA STDY DST1050S-188-76 DEC 76 SEC CLASS: 25A MSN: 438P ACCN: S079570

25X1

ELECTRONICS, ABM/ASAT RADAR SYSTEMS
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE VARIOUS ABM ELECTRONICS THAT ARE BELIEVED TO BE ASSOCIATED WITH TERMINAL DEFENSE COMPONENTS OF AN ABM SYSTEM. THESE INCLUDE TARGET TRACKING RADARS, INTERCEPTOR TRACKING AND GUIDANCE RADARS, AND ON-BOARD INTERCEPTOR ELECTRONICS. POSSIBLE CHARACTERISTICS, FUNCTIONS, AND PERFORMANCES HAVE BEEN ESTIMATED FOR THE ABM SYSTEM COMPONENTS BASED UPON PHOTOGRAPHY, ELINT, COLLATERAL DATA, AND RADAR TECHNOLOGY WHICH IS ESTIMATED TO BE WITHIN THE STATE-OF-THE-ART DURING THE TIME FRAME THAT DEVELOPMENT PROBABLY OCCURRED. THIS PUBLICATION SUPERSEDES DST-1050S-188-75-SAO VOL. 2 DATED DEC 1975.*

DIA STDY DDI2680-022A-76 JUL 76 SEC CLASS: 24 MSN: 38P ACCN: S079571

25X1

MISSILES, DEVELOPMENTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40 COMIREX NO:
MILITARY, DEVELOPMENTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:
NAVAL, DEVELOPMENTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75 COMIREX NO:
AIRCRAFT, DEVELOPMENTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05 COMIREX NO:
ELECTRONICS, DEVELOPMENTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25 COMIREX NO:
PHOTO, RECONNAISSANCE SATELLITE ACT CHINA UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

1523
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THIS SEMI-ANNUAL PUBLICATION PRESENTS A SNAP-SHOT OVERVIEW OF THE PEOPLES REPUBLIC OF CHINA FORCES. IT COVERS THE MOST SIGNIFICANT DEVELOPMENTS THAT HAVE OCCURRED IN THE PAST SIX MONTHS AND PLACES THESE DEVELOPMENTS IN PERSPECTIVE AGAINST OVERALL PROJECTIONS AND TRENDS FOR EACH FORCE ELEMENT OR ACTIVITY.*

DIA STDY DD12680-022-77 JAN 77 [] SEC CLASS: 25 MSN: 41P ACCN: S079572 25X1

MISSILES, DEVELOPMENTS	WAC NO :	BE/OBJ NO:	CH	NPIC NO :
	IDHS CODE:	EPF CAT : 40		COMIREX NO:
AIRCRAFT, DEVELOPMENTS	WAC NO :	BE/OBJ NO:	CH	NPIC NO :
	IDHS CODE:	EPF CAT : 05		COMIREX NO:
MILITARY, DEVELOPMENTS	WAC NO :	BE/OBJ NO:	CH	NPIC NO :
	IDHS CODE:	EPF CAT : 35		COMIREX NO:
NAVAL, DEVELOPMENTS	WAC NO :	BE/OBJ NO:	CH	NPIC NO :
	IDHS CODE:	EPF CAT : 75		COMIREX NO:
PHOTO, RECONNAISSANCE DEVELOPMENTS	WAC NO :	BE/OBJ NO:	CH	NPIC NO :
	IDHS CODE:	EPF CAT : 65		COMIREX NO:

THIS SEMI-ANNUAL REPORT PRESENTS AN OVERVIEW OF TRENDS IN PEOPLES REPUBLIC OF CHINA FORCES. IT SUMMARIZES THE MOST SIGNIFICANT DEVELOPMENTS THAT HAVE OCCURRED IN THE PAST SIX MONTHS AND PLACES THESE DEVELOPMENTS IN PERSPECTIVE AGAINST OVERALL PROJECTIONS AND TRENDS FOR EACH FORCE ELEMENT OR ACTIVITY.*

NPIC PIR PIR005-77 MAR 77 [] SEC CLASS: 14B MSN: [] 6P ACCN: S079573 25X1

NOVAYA ZEMLYA NWP6 KRASINO SUPT DEACTIVATION	UR	705038N 0534322E
WAC NO : 0050	BE/OBJ NO: []	NPIC NO : - 5-B2
IDHS CODE: []	EPF CAT : 55A	COMIREX NO: []

25X1

25X1

ACTIVITY OBSERVED IN THE NOVAYA ZEMLYA KRASINO SUPPORT AREA [] DURING 1976 SUGGESTS THAT EITHER A LOGISTICAL BUILDUP FOR FUTURE DRILLING OF ADDITIONAL TEST LOCATIONS OR A SALVAGE OPERATION OF EQUIPMENT USED FOR PREVIOUS DRILLING WAS UNDERWAY. AN ANALYSIS OF SEVERAL DRILL PIPE CASING SECTIONS AT VARIOUS LOCATIONS IN THE SUPPORT AREA BETWEEN NOVEMBER 1975 AND OCTOBER 1976 SUGGESTS THAT A SALVAGE OPERATION IS MORE PROBABLE. SUCH AN OPERATION WOULD IMPLY THAT THE SOVIETS HAVE DECIDED TO DEACTIVATE AND CLOSE THE KRASINO TEST SITE.

ARMY BIIR RAC24-5002-77 FEB 77 [] SEC CLASS: 05 MSN: 17P ACCN: S079574

ELECTRONICS, BR M-1975 BATTLEFIELD RADAR	UR	NPIC NO :
WAC NO :	BE/OBJ NO: []	

25X1

1524
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: EPF CAT : 25A COMIREX No:

THE PURPOSE OF THIS BASIC IMAGERY INTERPRETATION REPORT IS TO PROVIDE AN ASSESSMENT OF THE BATTLEFIELD RADAR M-1975 (BR M-1975), ALSO KNOWN AS 'FRED,' AND TO COMPARE THIS NEW SYSTEM WITH THE SNAR SERIES OR PORK TROUGH FAMILY OF RADARS.

THE BR M-1975 APPEARS TO BE THE SOVIET'S LATEST ARTILLERY-ASSOCIATED, BATTLEFIELD-SURVEILLANCE RADAR. ALTHOUGH THE VEHICLE IS PRODUCED IN THE SOVIET UNION, IT HAS BEEN SEEN DEPLOYED ONLY IN GROUP SOVIET FORCES GERMANY (GSFG).

THIS REPORT CONTAINS A PERSPECTIVE DRAWING OF THE ANTENNA ONLY, EIGHT PHOTOGRAPHS, AND THREE ORTHOGRAPHIC DRAWINGS WITH DIMENSIONS OF THE VEHICLE AND ITS COMPONENTS. THE BIIR ALSO PROVIDES A PHYSICAL DESCRIPTION OF THE VEHICLE AND A FEATURE COMPARISON BETWEEN THE BR M-1975 AND THE PORK TROUGH RADAR ANTENNA REFLECTORS. IMAGERY INTERPRETATION COMMENTS ALSO ARE INCLUDED. THE INFORMATION IS CURRENT AS OF JANUARY 1977.

25X1

CIA REPT IS10004K-77

MAR 77

SEC CLASS: 13

MSN:

8P

ACCN: S079577

25X1

1525
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

KUSONG TANK MANUFACTURING PLANT KN 400250N 1251240E
 WAC NO : 0290 BE/OBJ NO: [] NPIC NO : - 180-B
 IDHS CODE: [] EPF CAT : 356 COMIREX NO: []

25X1
25X1

THE KUSONG TANK MANUFACTURING PLANT WAS CONVERTED FROM A POSSIBLE MINING MACHINERY PLANT TO A TANK MANUFACTURING PLANT BETWEEN 1970 AND 1973. COPIES OF SOVIET T-54/55 OR CHINESE TYPE 59 MEDIUM TANKS AS WELL AS INDIGENOUSLY DESIGNED ARMORED RECOVERY VEHICLES (ARVS), WHICH ARE PROBABLY BUILT ON THE SAME CHASSIS AS THE TANKS, HAVE BEEN MANUFACTURED HERE SINCE 1973. THE PLANT, WHICH IS IMPROPERLY NAMED THE KUSONG REAR SERVICE REPAIR/OVERHAUL DEPOT, HAS NEVER FUNCTIONED AS A REPAIR/OVERHAUL DEPOT. THESE CONCLUSIONS ARE BASED ON REPETITIVE PHOTOGRAPHIC COVERAGE SHOWING VARYING NUMBERS OF COMPLETED TANKS AT THE PLANT, A DETAILED ANALYSIS OF THE FACILITIES PRESENT AT KUSONG, A COMPARISON OF THE KUSONG PLANT WITH OTHER CONFIRMED TANK MANUFACTURING PLANTS, AND CERTAIN ECONOMIC AND POLITICAL FACTORS WHICH WOULD MAKE THE DEVELOPMENT OF A TANK PRODUCTION CAPABILITY PARTICULARLY ADVANTAGEOUS TO THE NORTH KOREANS.

25X1

CIA BIIR RCS16-0001-77 MAR 77 [] SEC CLASS: 24 MSN: [] 33P ACCN: S07957825X1

MAKAT ASM IMPACT AREA UR 480600N 0534400E
 WAC NO : 0236 BE/OBJ NO: [] NPIC NO : - 25-A
 IDHS CODE: [] EPF CAT : 40J COMIREX NO: []
 KAPUSTIN YAR MTC INSTRUMENTATION SITE UR 481640N 0535320E
 WAC NO : 0236 BE/OBJ NO: [] NPIC NO : - 58
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
 KEMP MISSILE TRACKING FACILITY UR 475700N 0534815E
 WAC NO : 0247 BE/OBJ NO: [] NPIC NO : - 7-A
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1
25X1
25X1
25X1
25X1

THE MAKAT AIR-TO-SURFACE MISSILE IMPACT AREA CONTAINS TWO TYPES OF TARGETS WHICH ARE USED FOR TESTING AIR-TO-SURFACE MISSILES--THE CORNER REFLECTOR, USED FOR MISSILES WITH AN ACTIVE OR SEMIACTIVE SEEKER, AND THE TARGET RADAR, USED FOR MISSILES WITH A HOME-ON-RADIATION SEEKER. SINCE DECEMBER 1969, MORE THAN 200 NEW MISSILE IMPACT CRATERS HAVE BEEN IDENTIFIED AT MAKAT. THIS NUMBER OF CRATERS REFLECTS A VERY ACTIVE TESTING PROGRAM.

THIS REPORT PROVIDES A DESCRIPTION OF THE TYPES OF TARGETS USED IN THIS MISSILE TESTING, A DISCUSSION OF THE TRACKING FACILITIES THAT SUPPORT THIS AND OTHER MISSILE TESTING, AND AN ANALYSIS OF THE IMPACT CRATERS IDENTIFIED AT MAKAT BETWEEN DECEMBER 1969 AND MAY 1976.

CIA REPT IS10005K-77 MAR 77 [] SEC CLASS: 14 MSN: [] 59P ACCN: S07957925X1

GENERAL, CIVIL DEFENSE KIYEVSKAYA OBLAST UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : []
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []
 KIYEVSKAYA OBLAST CIVIL DEFENSE MEASURES UR 5015 N 03030 E

25X1

1526
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0233 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 10A COMIREX NO:

25X1

THIS REPORT PRESENTS THE RESULTS OF A DETAILED PHOTOGRAPHIC STUDY OF SOVIET CIVIL DEFENSE ACTIVITIES IN KIEV OBLAST. KEY FINDINGS ARE--

A SMALL CIVIL DEFENSE PROGRAM WAS PRESENT IN THE OBLAST PRIOR TO 1968; BY 1968 AT LEAST 29 PERSONNEL SHELTERS WERE COMPLETED OR UNDER CONSTRUCTION.

THE PROGRAM PROGRESSED AT A SLOW BUT STEADY PACE UNTIL 1971 WHEN THE SOVIETS BEGAN CONSTRUCTING LARGE NUMBERS OF ADDITIONAL PERSONNEL SHELTERS. BY THE END OF 1973 137 SHELTERS WERE COMPLETED OR UNDER CONSTRUCTION. THE RATE OF SHELTER CONSTRUCTION STARTS HAS STEADILY DECLINED SINCE THAT TIME.

BY THE END OF 1976, A TOTAL OF 174 DETACHED/SEMIDETACHED AND BASEMENT SHELTERS WERE IDENTIFIED, MOST OF WHICH ARE IN THE CITY OF KIEV. EIGHTY-FOUR ARE AT INDUSTRIAL FACILITIES, 45 AT ADMINISTRATIVE OR INSTITUTIONAL FACILITIES, 21 IN RESIDENTIAL AREAS, TEN AT MILITARY INSTALLATIONS, FIVE AT A RELOCATION SITE REPORTED TO BE FOR HIGH COMMUNIST PARTY OFFICIALS, AND NINE AT OTHER TYPES OF FACILITIES.

ALTHOUGH THE LARGEST NUMBER OF SHELTERS WERE FOUND AT INDUSTRIAL FACILITIES, SHELTERS WERE IDENTIFIED AT ONLY 16 PERCENT OF THE INDUSTRIAL FACILITIES IN THE KIEV URBAN AREA.

DESPITE THE EFFORTS THE SOVIETS HAVE PUT INTO THEIR PERSONNEL SHELTER CONSTRUCTION PROGRAM, THE MAXIMUM NUMBER OF PEOPLE THAT CAN BE ACCOMMODATED IN THE SHELTERS IDENTIFIED IS QUITE SMALL -- ABOUT 130,000 OR 7 PERCENT OF THE POPULATION OF THE KIEV URBAN AREA AND ABOUT 220,000 OR 6 PERCENT OF THE OBLAST POPULATION. NO EVIDENCE OF BASEMENT SHELTER CONSTRUCTION WAS OBSERVED AT MAJOR APARTMENT COMPLEXES. THE SUBWAY IN KIEV COULD SHELTER A LARGE NUMBER OF PEOPLE -- AT LEAST EQUAL TO THE TOTAL CAPACITY OF THE PERSONNEL SHELTERS IDENTIFIED IN THE CITY.

AT ABOUT THE TIME THE SHELTER CONSTRUCTION PROGRAM BEGAN TO DECLINE, THE SOVIETS INCREASED THE CONSTRUCTION OF CIVIL DEFENSE TRAINING FACILITIES. NINE OF THE 11 TRAINING FACILITIES IDENTIFIED IN THE OBLAST WERE CONSTRUCTED AFTER 1973. MOST ARE IN OR NEAR THE CITY OF KIEV.

THERE IS NO PHOTOGRAPHIC EVIDENCE THAT THE SOVIETS ARE ENGAGED IN A MAJOR PROGRAM TO HARDEN THEIR INDUSTRIAL FACILITIES OR TO DISPERSE THEM TO REMOTE AREAS.

THERE IS LITTLE PHOTOGRAPHIC EVIDENCE OF SOVIET ATTEMPTS TO STOCKPILE COMMODITY RESERVES ON A LARGE SCALE FOR CIVIL DEFENSE PURPOSES. TWO BUNKERED FACILITIES -- A GRAIN STORAGE BUNKER AND A POL STORAGE DEPOT -- WHICH COULD SERVE A CIVIL DEFENSE FUNCTION WERE FOUND.

KIEV HAS AN EXCELLENT TRANSPORTATION NETWORK CENTERED ON THE CITY WHICH WOULD FACILITATE EVACUATION.

DIA IIM 5B3-52534-77 17 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079580 25X1

SARATOV AIRFIELD SOUTH

WAC NO : 0235

IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 512838N 0455634E
NPIC NO : - 14-H
COMIREX NO: []

25X1
25X1

DIA IIM 5B3-52540-77 18 MAR 77 [] SEC CLASS: 13 MSN: [] 3P ACCN: S079581 25X1

TALOVAYA AIRFIELD

WAC NO : 0234

IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 05A

UR 510334N 0405029E
NPIC NO : - 91
COMIREX NO: []

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25X1

1527
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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DIA	IIM	5B3-52544-77	18 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	1P	ACCN: S079582	25X1 25X1
		KAZAN AIRFIELD NORTH				UR 555203N 0490800E			25X1
		WAC NO : 0165		BE/OBJ NO: [REDACTED]		NPIC NO : - 14-H			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			
DIA	IIM	5B3-52545-77	18 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079583	25X1 25X1
		RTISHCHEVO AIRFIELD				UR 521645N 0434500E			25X1
		WAC NO : 0166		BE/OBJ NO: [REDACTED]		NPIC NO : - 19			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			
DIA	IIM	5B3-52550-77	18 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079584	25X1 25X1
		TSKHINVALI AIRFIELD SOUTH				UR 420713N 0435522E			25X1
		WAC NO : 0325		BE/OBJ NO: [REDACTED]		NPIC NO : - 114			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			
DIA	IIM	5B3-52537-77	18 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079585	25X1 25X1
		KHARKOV/ROGAN AIRFIELD				UR 495542N 0362610E			25X1
		WAC NO : 0234		BE/OBJ NO: [REDACTED]		NPIC NO : - 15-B			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			
DIA	IIM	5B3-52538-77	21 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079586	25X1 25X1
		GREMYACHYE AIRFIELD				UR 512812N 0385812E			25X1
		WAC NO : 0234		BE/OBJ NO: [REDACTED]		NPIC NO : - 46-S			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO: [REDACTED]			
DIA	IIM	5B3-52539-77	21 MAR 77	[REDACTED]	SEC CLASS: 13	MSN: [REDACTED]	3P	ACCN: S079587	25X1 25X1
		PENZA AIRFIELD SOUTH				UR 530650N 0450122E			25X1
		WAC NO : 0166		BE/OBJ NO: [REDACTED]		NPIC NO : - 17			25X1
		IDHS CODE: [REDACTED]		EPF CAT : 05A		COMIREX NO:			

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1528
TOP SECRET CHESS RUFF

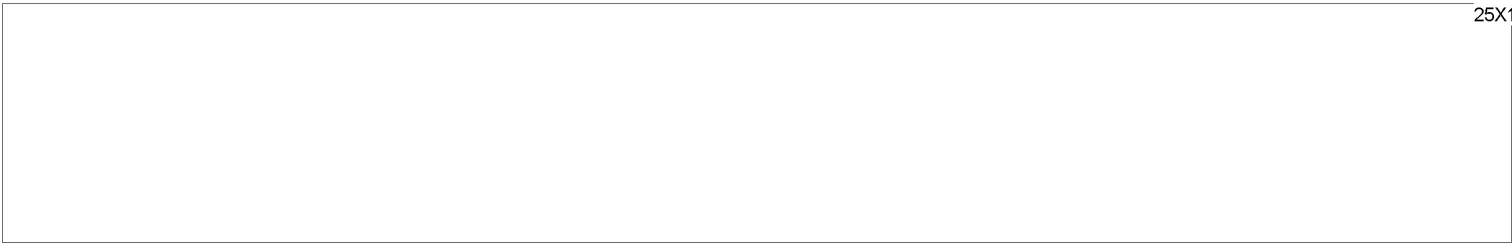
25X1



TOP SECRET CHESS RUFF



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NPIC BRAD Z1222-77 12 JAN 77 SEC CLASS: 05C MSN: 2P ACCN: S079591

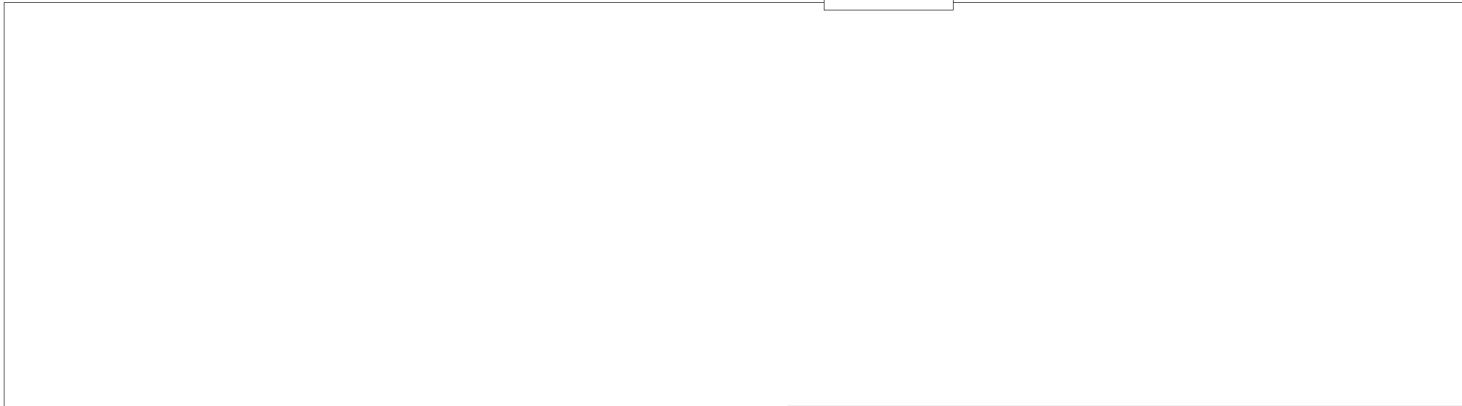
CHIAWANG ARMY BKS AL4 MECHANIZED INF REGT CH 342740N 1172620E
WAC NO : 0386 BE/OBJ NO: NPIC NO : - 9-L2
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1
25X1

NPIC BRAD Z1224-77 25 JAN 77 SEC CLASS: 05C MSN: 2P ACCN: S079592

CHIUMENGCHIN SSM FIELD POSITION IDENT CH 344809N 1124025E
WAC NO : 0385 BE/OBJ NO: NPIC NO : - 17-A1
IDHS CODE: EPF CAT : 40 COMIREX NO:

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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NPIC MEMO

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23 MAR 77

[Redacted]

SEC CLASS: 14B MSN:

7P

ACCN: S079606

25X4

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ELECTRONICS, SHIP WHEEL/WHIFF RADARS COUNT	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 25A
	NPIC NO :
	COMIREX NO:

THE LATEST AVAILABLE KEYHOLE PHOTOGRAPHY WAS USED TO SEARCH A 2 NM RADIUS AROUND 55 GEOGRAPHIC LOCATIONS IN THE USSR, TO IDENTIFY SHIP WHEEL OR WHIFF RADARS. THE TYPE OF RADARS IDENTIFIED IN EACH SEARCH ARE NOTED AS BEING VAN OR BUILDING MOUNTED.*

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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DIA STDY DST1830S-396-76 28 MAY 76 [REDACTED] SEC CLASS: 25 X MSN: 422P ACCN: S07961225X1

NAVAL, NAVAL FORCES R+D RESOURCES

WAC NO :	BE/OBJ NO:	UR
IDHS CODE:	EPF CAT : 75F	NPIC NO :
LENINGRAD SHIPBUILDING RSCH INST 45 KRYLOV		COMIREX NO:
WAC NO : 0153	BE/OBJ NO:	UR 594930N 0302130E
IDHS CODE: [REDACTED]	EPF CAT : 75F	NPIC NO : - 36-V4
LENINGRAD SHIPBUILDING RSCH INST NORTH KRYLOV		COMIREX NO: [REDACTED]
WAC NO : 0153	BE/OBJ NO:	UR 594930N 0302145E
IDHS CODE: [REDACTED]	EPF CAT : 75F	NPIC NO :
LENINGRAD NAVAL SCIENTIFIC RESEARCH INST 303		COMIREX NO:
WAC NO : 0153	BE/OBJ NO:	UR 595500N 0301500E
IDHS CODE: [REDACTED]	EPF CAT : 75F	NPIC NO : - 36-E5
LENINGRAD SUBMARINE DESIGN BUREAU FIRMA RUBIN		COMIREX NO:
WAC NO : 0153	BE/OBJ NO:	UR 595145N 0301945E
IDHS CODE: [REDACTED]	EPF CAT : 75F	NPIC NO :
LENINGRAD NAVAL CENTRAL DESIGN BUREAU 17		COMIREX NO:
WAC NO : 0153	BE/OBJ NO:	UR 5954 N 03023 E
IDHS CODE: [REDACTED]	EPF CAT : 75F	NPIC NO :
LENINGRAD MARINE PHYSICS INSTR INSTITUTE		COMIREX NO:
WAC NO : 0153	BE/OBJ NO:	UR 595805N 0301745E
IDHS CODE: [REDACTED]	EPF CAT : 25E	NPIC NO :
LENINGRAD PRECISION MECHANICS + OPTICS INST		COMIREX NO:
WAC NO : 0153	BE/OBJ NO:	UR 595725N 0301836E
IDHS CODE: [REDACTED]	EPF CAT : 65A	NPIC NO :
		COMIREX NO:

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TOP SECRET CHESS RUFF

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LENINGRAD NAVAL DESIGN BUREAU FIRMA ALMAZ	UR	595631N 0302423E
WAC NO : 0153	BE/OBJ NO:	NPIC NO :
IDHS CODE: []	EPF CAT : 75F	COMIREX NO:
LENINGRAD SHIPYARD ZHOANOV CTRL DESIGN BUR 53	UR	595233N 0301406E
WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 36-K
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []
GORKIY SHIPYARD 112 SPECIAL DESIGN BUREAU 112	UR	562142N 0435228E
WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 13-C
IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []
LENINGRAD SHIPBUILDING INSTITUTE	UR	595100N 0301600E
WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 36-K4
IDHS CODE: []	EPF CAT : 75F	COMIREX NO: []

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THIS STUDY ASSESSES THE ROLES AND ACTIVITIES OF THE SOVIET ALL UNION MINISTRY OF SHIPBUILDING INDUSTRY (MSP) -- TWO SCIENTIFIC RESEARCH INSTITUTES AND FIVE DESIGN BUREAUS SUBORDINATED TO THE MSP, TWO EDUCATIONAL INSTITUTES SUBORDINATED TO THE MINISTRY OF HIGHER AND SECONDARY SPECIALIZED EDUCATION, AND ONE SCIENTIFIC RESEARCH INSTITUTE SUBORDINATED TO THE MINISTRY OF RADIO INDUSTRY. THESE TEN INSTITUTES AND DESIGN BUREAUS ALL PERFORM NAVAL-RELATED RESEARCH AND DEVELOPMENT AND ARE AS FOLLOWS -- THE CENTRAL SCIENTIFIC RESEARCH INSTITUTE IMENI A.N. KRYLOV (TSNII-45); SCIENTIFIC RESEARCH INSTITUTE-303 (NII-303); FIRMA RUBIN; FIRMA ALMAZ; CENTRAL DESIGN BUREAU-17 (TSKB-17); CENTRAL DESIGN BUREAU-53 (TSKB-53), SPECIAL DESIGN BUREAU-112 (SKB-112), LENINGRAD SHIPBUILDING INSTITUTE (LKI), LENINGRAD INSTITUTE OF PRECISION MECHANICS AND OPTICS (LITMO), AND THE SCIENTIFIC RESEARCH INSTITUTE OF MARINE PHYSICS INSTRUMENTS (ALSO REFERRED TO AS NII-303).

NO SIGNIFICANT CHANGES APPEAR TO HAVE OCCURRED IN THE OVERALL FUNCTIONS AND RESPONSIBILITIES OF THE MINISTRY OF SHIPBUILDING INDUSTRY NOR IN NAVAL WEAPONS DEVELOPMENT/ACQUISITION PROCEDURES DURING THE PERIOD OF THIS REPORT, 1965 TO 1975. SOME REALIGNMENT IN THE INTERNAL ORGANIZATIONAL STRUCTURE OCCURRED DURING THIS TIME FRAME. THIS IS BELIEVED TO HAVE BEEN THE RESULT OF THE REORGANIZATION OF MANAGEMENT WITHIN THE MSP, WHICH OCCURRED AFTER THE MINISTERIAL FORM OF ORGANIZATION WAS RESTORED TO THE DEFENSE INDUSTRIES IN 1965.

AS THE SIZE OF THE SOVIET NAVY HAS BEEN EXPANDED THROUGHOUT THE YEARS, RESEARCH AND DEVELOPMENT RESOURCES WHICH SUPPORT NAVAL REQUIREMENTS, CONCURRENTLY, APPEAR TO HAVE BEEN EXPANDED. IT HAS BEEN DISCOVERED THAT BOTH THE SIZE OF THE FACILITY AND TOTAL STAFF SIZE AT THE INSTITUTES AND DESIGN BUREAUS INCLUDED IN THIS STUDY HAVE INCREASED DURING THE TIME FRAME OF THIS REPORT. INCREASES IN FACILITY GROWTH OCCURRED AT TSNII-45 SOUTH, THE NII-303/PLANT 212 COMPLEX, FIRMA ALMAZ, TSKB-53, SKB-112, LKI, LITMO AND NII-3. FACILITY GROWTH TRENDS COULD NOT BE ESTABLISHED FOR TWO OF THE FACILITIES (FIRMA RUBIN AND TSKB-17) BECAUSE OF LIMITED DATA. IT HAS BEEN ESTIMATED THAT NINE OF THE FACILITIES (FIRMA RUBIN AND TSKB-17) SQUARE METERS (5,756,887 SQUARE FEET) OF FLOOR SPACE IN 1975.

SECURITY PRECAUTIONS IN EFFECT AT THE SCIENTIFIC RESEARCH INSTITUTES AND DESIGN BUREAUS APPEAR, FOR THE MOST PART, TO BE STRINGENT.

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ARMY DSIIR RAC24-3003-77 FEB 77 [] SEC CLASS: 13 MSN: [] 8P ACCN: S079626 25X1

ELECTRONICS, ZIL-157 ECM VEHICLE PROB NEW UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25 COMIREX NO:
GORKIY ECM DEPOT ZIL-157 ECM VEHICLE NEW PROB UR 561833N 0435025E
WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 12-H1
IDHS CODE: [] EPF CAT : 25 COMIREX NO: []

25X1
25X1

THIS REPORT PROVIDES INFORMATION ON A NEW PROBABLE ITEM OF ECM EQUIPMENT, MOUNTED ON A ZIL-157 BOX-BODY TRUCK, IDENTIFIED AT GORKIY ECM DEPOT, USSR. THIS DEPOT HOUSES ECM (AIR DEFENSE) EQUIPMENT. THIS REPORT, WHICH ALSO ADDRESSES THE POSSIBILITY OF PRODUCTION AND RESEARCH AND DEVELOPMENT (R+D) BEING PERFORMED IN THIS AREA, CONTAINS INFORMATION DERIVED FROM THE EXPLOITATION OF SATELLITE PHOTOGRAPHY. THIS PUBLICATION CONTAINS AN ANNOTATED PHOTOGRAPH, A CONCEPTUAL DRAWING, AND A REFERENCE SECTION. INFORMATION IS CURRENT AS OF JANUARY 1977.

AF BIIR RFB22-0001-77 DEC 76 [] SEC CLASS: 13 MSN: [] 18P ACCN: S079627 25X1

AIRCRAFT, KASP A UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 05B COMIREX NO:

25X1

THIS REPORT PRESENTS AN ANALYSIS OF THE KASP-A, A LARGE, UNIQUELY CONFIGURED, AEROHYDRODYNAMIC RESEARCH VEHICLE WHICH HAS COME TO BE KNOWN AS THE 'CASPIAN SEA MONSTER.' THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE VEHICLE.

25X1

AF BIIR RFB22-0004-77 DEC 76 [] SEC CLASS: 13 MSN [] 15P ACCN: S079628 25X1

MISSILES, ICBM TYPE 3H LAUNCHER UR
WAC NO : BE/OBJ NO: [] NPIC NO :

25X1

1540
TOP SECRET CHESS RUFF

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[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

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25X1

IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS REPORT PROVIDES A PHOTOGRAPHICALLY DERIVED ANALYSIS OF THE OPERATIONALLY DEPLOYED TYPE IIIH SILO WHICH IS IDENTIFIED AS THE LAUNCHER FOR THE SS-17 ICBM. IT CONSISTS OF A BASIC DESCRIPTION, ENGINEERING DRAWINGS, AND CORRELATIVE PHOTOGRAPHY.

A PREVIOUSLY PUBLISHED ANALYSIS, FTD BIIR, RFB-22/0003/75, [REDACTED] SS-X-17 LAUNCHER (EXTERNAL DETAILS), DATED AUGUST 1974 (TOP SECRET RUFF), WHICH PROVIDED SPECIFIC EXTERNAL DETAILS ONLY, OF THE FIRST TYPE IIIH, R+D SILOS AT LAUNCH SITES V1, V2, AND V3 WITHIN THE TYURATAM MISSILE TEST CENTER (TTMTC), IS SUPERSEDED BY THIS REPORT.

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[REDACTED] 25X1

[REDACTED] 25X1

1541
TOP SECRET CHESS RUFF [REDACTED]

25X1



TOP SECRET CHESS RUFF



25X1



25X1

NPIC MEMO [redacted] 28 MAR 77 [redacted] SEC CLASS: 14B MSN: [redacted] 2P ACCN: S079632^{25X1}

CHERNUKHINO RADIO RELAY + TV STATION	UR 481850N 0383130E	
WAC NO : 0234	NPIC NO : - 48-B	25X1
IDHS CODE: [redacted]	COMIREX NO:	25X1
BE/OBJ NO: [redacted]		
EPF CAT : 25B		
CHERNUKHINO RADIO RELAY + TV STATION	UR 481850N 0383130E	
WAC NO : 0234	NPIC NO : - 48-B	25X1
IDHS CODE: [redacted]	COMIREX NO:	25X1
BE/OBJ NO: [redacted]		
EPF CAT : 25D		
VOROSHILOVGRAD RADIO RELAY/TV/FM BDCST CENTER	UR 483400N 0391812E	
WAC NO : 0234	NPIC NO : - 47-61	25X1
IDHS CODE: [redacted]	COMIREX NO:	25X1
BE/OBJ NO: [redacted]		
EPF CAT : 25D		
VOROSHILOVGRAD RADIO RELAY/TV/FM BDCST CENTER	UR 483400N 0391812E	
WAC NO : 0234	NPIC NO : - 47-61	25X1
IDHS CODE: [redacted]	COMIREX NO:	25X1
BE/OBJ NO: [redacted]		
EPF CAT : 25B		
LISICHANSK RADIO RELAY STATION	UR 485520N 0382430E	
WAC NO : 0234	NPIC NO : - 39-A1	25X1
IDHS CODE: [redacted]	COMIREX NO:	25X1
BE/OBJ NO: [redacted]		
EPF CAT : 25D		

1542
TOP SECRET CHESS RUFF



25X1

List of Conversion Factors by Classification

UNITS OF LENGTH

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.8214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF AREA

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

UNITS OF MASS

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

UNITS OF VOLUME

IF YOU HAVE	MULTIPLY BY	TO OBTAIN
LITERS	0.2842	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7846	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6148	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

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