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(See inside cover)

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



MONTHLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS AUGUST 1979

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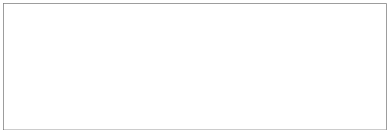
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SEPTEMBER 1979
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Warning Notice
Intelligence Sources and Methods Involved
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NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions



DISSEMINATION CONTROL ABBREVIATIONS	
NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
REL . . .	This Information has been Authorized for Release to . . .

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PHOTOGRAPHIC EXPLOITATION PRODUCTS

MONTHLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS AUGUST 1979

SEPTEMBER 1979

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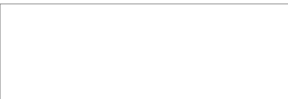
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INTRODUCTION

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,  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
		MODL	- Model Announcement
		NAIR	- New Applications of Imagery Report
		NBRG	- National Basic Reference Graphic
DPIR	- Detailed Photographic Interpretation Report	NEDR	- Detailed Photographic Interpretation Report (Near East)
DSIIB	- Direct Support Photographic Interpretation Brief	NEGR	- General Photographic Interpretation Report (Near East)
DSIIR	- Direct Support Photographic Interpretation Report	NEIR	- Initial Photographic Interpretation Report (Near East)
ENDR	- Engineering Drawing	NESR	- Special Photographic Interpretation Report (Near East)
FEDR	- Detailed Photographic Interpretation Report (Far East)	NEWS	- Technical Newsletter
FEGR	- General Photographic Interpretation Report (Far East)	NOTE	- Photographic Interpretation Note
FESR	- Special Photographic Interpretation Report (Far East)	OAK	- Initial Mission Readout
IIM	- Imagery Interpretation Memorandum	PAR	- Photographic Analysis Report
IIR	- Imagery Information Report	PIN	- Photographic Interpretation Note
INFR	- Inter-office Memorandum	PIR	- Photographic Interpretation Report
IPIR	- Initial 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

07 - CONFIDENTIAL
08 - CONFIDENTIAL
10 - TOP SECRET CHES
11 - TOP SECRET CHES
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SECURITY CLASSIFICATION

00 - UNCLASSIFIED
01 - TOP SECRET
02 - TOP SECRET
04 - SECRET
05 - SECRET

20 - TOP SECRET
21 - TOP SECRET
22 - TOP SECRET CHES
23 - TOP SECRET CHES
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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)

[redacted]

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

[redacted]

USIB - UNITED STATES INTELLIGENCE BOARD

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- X -
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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 I

Listing of Reports Alphabetically

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SUBJECT	COUN	COORD	ACCN NO.
ADEN AMMUNITION STGE + TEST AREA M-1977 MRL	YS	124745N 0450155E	S087721
ADEN AMMUNITION STGE + TEST AREA M-1977 MRL	YS	124745N 0450155E	
ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV	YS	124715N 0450027E	S087750
ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV	YS	124715N 0450027E	
ADEN SAM SUPPORT FACILITY	YS	125218N 0445825E	S087664
ADEN SA-2 SITE 3	YS	124936N 0445327E	
ADEN SA-2 SITE 4	YS	125320N 0445710E	
ADEN SA-2 SITE 5	YS	125100N 0445810E	
AIRCRAFT, BISON M-4 DISMANTLING ACTIVITY	UR		S087898
AIRCRAFT, CANDID IL-76 TANKER VARIANT	UR		S087598
AIRCRAFT, COOKPOT TU-124 NAVIGATOR TRNG MODIF	UR		S087448
AIRCRAFT, CRUSTY TU-134 NAVIGATOR TRNG MODIF	UR		
AIRCRAFT, FANTAN A F-9 EXTERIOR FUEL TANK	CH		S087608
AIRCRAFT, FIREBAR YAK-28 GUN ARMAMENT SEARCH	UR		S087574
AIRCRAFT, RAM J VARIANT	UR		S086793

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AIRFIELDS, CONSTRUCTION ACTIVITY	KN		S087519
AIRFIELDS, FISHBED D F-8 USE/PRODUCTION SRCH	CH		S087495

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AIRFIELDS, REPAIR + IMPROVEMENT MAY 77-MAY 79	ET		S087757
AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	481838N 0461424E	S087573
AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	481838N 0461424E	

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SUBJECT	COUN	COORD	ACCN NO.
AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM U/I	UR	481838N 0461424E	S087572
AL BUMBAH AIRFIELD NORTH CONSTRUCTION PROG	LY	322708N 0230717E	S087719
ALEYSK ICBM COMPLEX SILO DEPLOYMENT	UR	522845N 0830520E	S087604
APACHA GEOTHERMAL POWER PLANT BOLSHE BANNAYA	UR	525430N 1573000E	S087560
ARSENYEV ARMY BARRACKS AL1	UR	440739N 1331649E	S088103
ARSENYEV MILITARY STORAGE DEPOT DX1	UR	441050N 1332103E	S087892
ARVAYHEER ARMY BARRACKS AL1	MG	462200N 1024800E	S088104
ARVAYHEER HELIPORT	MG	462100N 1025000E	S087954
AVACHINSKAYA GEOTHERMAL POWER STATION	UR	531518N 1590837E	S087560
BABAYEVO BOMBING RANGE SEARCH	UR	5924 N 03645 E	S087896
BALTA ARMY BARRACKS AL1	UR	475640N 0293605E	S087958
BALTIC WATER RANGE CPLX BOMB RANGE/AFLD SRCH	UR	5510 N 05600 E	S087894
BARANO ORENBURGSKOYE ARMY BKS AL1 MRD RELOC	UR	442145N 1312710E	S087553
BATAJNICA AIRFIELD RSBN-4N ILS	YO	445630N 0201500E	S087888
BELOGORSK MILITARY BKS AL1 + HQ MRD SP GUN BN	UR	505413N 1282858E	S087639
BENINA AIRFIELD CONSTRUCTIONAL CHANGES	LY	320545N 0201630E	S087715
BIYSK SOLID MOTOR TEST AREA 2 SEGMENTED MOTOR	UR	523119N 0850154E	S087701
BLAGOPOLUCHIYA BOMBING RANGE SEARCH	UR	7530 N 06345 E	S088020
BOBRUYSK COMMAND CONTROL FACILITY BKR U/I	UR	530308N 0285951E	S087494

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SUBJECT	COUN	COORD	ACCN NO.
BOGOSLAVETS BOMBING RANGE/SIMULATED AFLD SRCH	UR	454840N 1343910E	S087372
BOULOGNE TANK ASSEMBLY PLANT	AR	343000S 0583400W	S087696
BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS	UR	502950N 0304430E	S088055
BUYNASK AMMUNITION STORAGE DEPOT DA1	UR	424758N 0470619E	S087957
CHAGODA RADIO RELAY STATION	UR	591054N 0352005E	S088054
CHANGCHUN RAILROAD CAR MANUFACTURING PLANT	CH	435420N 1251741E	S087515
CHANGCHUN SSM/SPACE TRACKING FACILITY	CH	434345N 1253205E	S086958
CHANGHSINTIEN ROLLING STOCK MFG + REPAIR PLT	CH	395110N 1161115E	S087515
CHENG TU AIRFRAME PLANT 132 FLOGGER SHPG CONTS	CH	304224N 1035744E	S087693
CHERKASSY BOMBING RANGE/SIMULATED AFLD SRCH	UR	4926 N 03204 E	S087901
CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET	UR	543824N 0214808E	S088037
CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET	UR	543824N 0214808E	
CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE	UR	441208N 1330920E	S088034
CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE	UR	441208N 1330920E	
CHIANGKOCUANG SUBMARINE BASE PUG	CH	360625N 1203513E	S087667
CHICHIHAERH RAILROAD LOCOMOTIVE + CAR MFG PLT	CH	472050N 1240046E	S087515
CHINGTAO LOCOMOTIVE/ROLLING STOCK PLT SSUFANG	CH	360636N 1202033E	
CHIRCHIK ARMY BKS AL6 T-64/T-72 TANK IDENT	UR	412847N 0693427E	S087699
CHIUFENGJUN MRBM FIELD POSITION MSL HDLG EXER	CH	401131N 1181107E	S087722
CHO DO COASTAL DEF CR MSL SITE CSSC-2 EQUIP	KN	383110N 1245100E	S087703
CHUCHOU RAILROAD CAR REPAIR PLANT	CH	275311N 1131151E	S087515
CHUCHOU RAILROAD EQUIPMENT MFG + REPAIR PLANT	CH	275305N 1130716E	
DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW	VM	160700N 1081330E	S087684
DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW	VM	160700N 1081330E	

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SUBJECT	COUN	COORD	ACCN NO.
DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	482601N 0345828E	S087496
DOLON AIRFIELD	UR	503214N 0791138E	S087369
DOLON COMMAND CONTROL FACILITY BUNKERED U/I	UR	503755N 0792125E	S087494
DOMBAROVSKIY ICBM COMPLEX SILO DEPLOYMENT	UR	510746N 0600957E	S087605
DONGUZ ARTILLERY TEST AREA T-72 TANK	UR	513200N 0545640E	S088036
DOVSK RADIO RELAY STATION	UR	530920N 0302650E	S088091
DYLEN TILLENBERG SIGINT FACILITY RAMONA M	CZ	495812N 0123019E	S087366
DZHAMBUL AMMUNITION DEPOT	UR	425934N 0713903E	S088101
DZHANKOY BOMBING RANGE	UR	454729N 0344335E	S087959
EL UOTIA AIRFIELD CONSTRUCTION PROGRESS	LY	322810N 0115400E	S087708
ELECTRONICS, ABM/SPACE RDR FAC PWR SUBSTATION	UR		S086952

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ELECTRONICS, BACK TRAP EW RADAR MODEL 1	UR	S087729
ELECTRONICS, BACK TRAP EW RADAR MODEL 2	UR	S087728
ELECTRONICS, DO-EL-01 ECM ASSOCIATED	UR	S087663
ELECTRONICS, DO-EL-02 ESM INTERCEPT SYSTEM	UR	
ELECTRONICS, DO-EL-03	UR	
ELECTRONICS, DO-EL-04 RADAR RANGE/AZIMUTH MBL	UR	
ELECTRONICS, DO-EL-05 ECM ASSOCIATED	UR	

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SUBJECT	COUN	COORD	ACCN NO.
ELECTRONICS, HF COMMO/MICROWAVE FACIL SEARCH	CH		S086956
ELECTRONICS, PHASED-ARRAY RADAR FACILITIES	UR		S087584
ELECTRONICS, PLANAR RADARS PECHORA EAST/WEST	UR		S087558
ELECTRONICS, RAMONA M MBL ELINT SYS FLD TEST	CZ		S087366
ELECTRONICS, R-378 HF COMMUNICATIONS JAMMER	UR		S087563
ELECTRONICS, SPACE TRACKING FACS SA-2 LNCHRS	UR		S086139
ELECTRONICS, STOVE PIPE ECM EQUIPMENT IDENT	UR		S087563
ELECTRONICS, SYMPHONIE COMSAT GRND STA EXPMT	CH		S087362
ELECTRONICS, TALL MIKE RADAR BMP M-1976 MTD	CH		S087473
ELECTRONICS, TROPOSCATTER ANTENNA STATIONS	IN		S087521
ELECTRONICS, 32-METER DISH ANTENNA	UR		S087488
EMBA MTC EM-EL-6 RADAR	UR	483800N 0580300E	S087726
EMBA MTC SA-X-11 FIELD EXERCISE IDENTIFIED	UR	483800N 0580300E	S087658
ENANA AIRFIELD MILITARY ACTIVITY INCREASE	WA	172931S 0161929E	S087547
ENANA AIRFIELD MILITARY ACTIVITY INCREASE	WA	172931S 0161929E	
ENGELS RADCOM COMMAND POST BUNKERED HARD	UR	513330N 0462100E	S087494
FAUSTOVO AEROSPACE R+D FACILITY	UR	552746N 0383143E	S087561
FEODOSIYA SHIPYARD YUZNAYA YUZH A CLASS PGHB	UR	450711N 0352953E	S087707
GENERAL, FLOOD DAMAGE IMPACT BRAZIL 1979	BR		S087467

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SUBJECT	COUN	COORD	ACCN NO.
GOMEL AMMUNITION DEPOT SW DA1	UR	522244N 0304453E	S087956
GOMEL AVTOKOLONNA 2443	UR	522511N 0305735E	S088063
GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21	UR	561916N 0435100E	S087640
GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	680420N 0392824E	S087367
GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	680420N 0392824E	
HAERHPIN RAILROAD LOCOMOTIVE + CAR MFG PLANT	CH	454551N 1263545E	S087515
HAINANTAO ARMY MAIN FORCE INSTALLATIONS + O/B	CH	2001 N 11018 E	S087446
HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978	KN	394908N 1273558E	S087548
HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978	KN	394908N 1273558E	
HSIAN RAILROAD CAR MFG + REPAIR PLT SANCHIAO	CH	341805N 1084951E	S087515
HSIANGTAN ELECTRICAL EQUIPMENT PLANT	CH	274832N 1125610E	
HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT	CH	341505N 1085332E	S087704
HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT	CH	341505N 1085332E	
HSIAOPINGTAO SLBM SUPPORT FACILITY SLBM TRANS	CH	385237N 1212927E	S087635
HSIAOPINGTAO SLBM SUPPORT FACILITY TEST ACT	CH	385237N 1212927E	S087759
HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN	CH	384903N 1212937E	S087546
HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN	CH	384903N 1212937E	
HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT	CH	384903N 1212937E	S087759
HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT	CH	384903N 1212937E	
IMENI GASTELLO ICBM COMPLEX SILO DEPLOYMENT	UR	511641N 0655550E	S087603
INDUSTRY, AMMONIA PLANTS IMPORTED PROD IMPACT	UR		S087362

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SUBJECT	COUN	COORD	ACCN NO.
INDUSTRY, CHEMICAL PLANTS EFFLUENT TREATMENT	UR		S087724
INDUSTRY, ELECTRIC POWER GENERATION INCREASE	CH		S087756
INDUSTRY, GEOTHERMAL POWER FACILITIES	UR		S087560
INDUSTRY, POWER SUBSTATIONS ABM/SPACE RDR FAC	UR		S086952
INDUSTRY, SODA ASH PRODUCTION FACILITIES	CH		S087754
INHOMIRIM EXPLOSIVES PLANT ESTRELA	BR	223414S 0431131W	S087727
IRKUTSK COMSAT STATION NNE	UR	522332N 1042219E	S087586
IRKUTSK COMSAT STATION NORTH	UR	522343N 1042240E	
IRKUTSK RADCOM RECEIVER STATION NNE BUNKER	UR	522328N 1042259E	
IVANKOVSKIY GUIDED MISSILE PLANT	UR	564521N 0370700E	S087499

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KALININGRAD AVTOKOLONNA 1114	UR	544251N 0203222E	S088068
KALININGRAD AVTOKOLONNA 1115	UR	544356N 0203018E	S088060
KALININGRAD AVTOKOLONNA 1703	UR	544435N 0202848E	S088064
KALININGRAD SHIPYARD STATE 820 820D NAVAL AUX	UR	544137N 0202616E	S087633
KAPUSTIN YAR MTC ELCT TEST FAC GER-EL-01 RDR	UR	484130N 0454330E	S087554
KAPUSTIN YAR MTC SAM R+D AREA D SA-X-10 ACT	UR	484704N 0454845E	S087557
KAPUSTIN YAR MTC SRBM CPLX A SITE 1 KY-A-01	UR	484116N 0461648E	S087630
KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	485020N 0455440E	S087537
KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	485020N 0455440E	
KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	485020N 0455440E	
KARANOGAYSKIY BOMBING RANGE	UR	441512N 0460511E	S088019
KARTALY SSM COMPLEX SILO DEPLOYMENT	UR	525311N 0603417E	S087600

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SUBJECT	COUN	COORD	ACCN NO.
KAZAN AIRFRAME PLANT 22 BACKFIRE SHPG CONTS	UR	555140N 0490700E	S087622
KERCH/BAGEROVO BOMBING RANGE	UR	452630N 0360910E	S088035
KHORMAKSAR SA-2 SITE ADEN A31	YS	125014N 0445728E	S087664
KHORMAKSAR SA-2 SITE ADEN A35	YS	125250N 0450117E	
KILDIN OSTROV BOMBING RANGE SEARCH	UR	6920 N 03412 E	S088015
KIYEV ORDNANCE DEPOT WEST D03	UR	502745N 0302354E	S088021
KIYEV/BORISPOL AIRFIELD AIR TRAFFIC CNTL RDR	UR	502042N 0305338E	S087725
KOKAYTY AIRFIELD RECONNAISSANCE UNIT DEPLOYED	UR	373725N 0673102E	S087689
KOMSOMOLSK NA AMURE BOMBING RANGE SRCH	UR	5035 N 13702 E	S088014
KOMSOMOLSK SHIPYARD AMUR V-3 CL SSN LNCH PREP	UR	503232N 1370248E	S087543
KOMSOMOLSK SHIPYARD AMUR 199 I CL SSAG LAUNCH	UR	503232N 1370248E	S087680
KORSAKOV BOMBING RANGE SEARCH	UR	4637 N 14245 E	S088017
KOVEL BOMBING RANGE	UR	512100N 0250900E	S088102
KRASNAYA PAKHRA MESON FACILITY U/C	UR	552751N 0371612E	S087364
KRASNODAR BOMBING RANGE SEARCH	UR	4455 N 03800 E	S088018
KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	491524N 0172413E	S087641
KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	491524N 0172413E	
KUNASHIR GEOTHERMAL POWER STATION	UR	435939N 1454752E	S087560
KUNMADARAS AIRFIELD FLAT FACE B RADAR IDENT	HU	472324N 0204659E	S087886
KUNMING SSM FIELD TRAINING POSITION CONST NEW	CH	245208N 1025347E	S087623
KUNSON AIRFIELD U/C	KN	402130N 1284300E	S087519

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25X1

SUBJECT	COUN	COORD	ACCN NO.
KURUMOCH ROCKET ENG TEST FAC ACOUSTICAL TEST	UR	533215N 0495116E	S087559
KURUMOCH ROCKET ENGINE TEST FACILITY	UR	533215N 0495116E	S087561
KUUM NI AIRFIELD U/C	KN	385145N 1275419E	S087519
KUYBYSHEV AEROSPACE PRODUCTION PLANT 1	UR	531315N 0501804E	S087561
KUYBYSHEV AIRFRAME PLANT CARELESS BORT CNTS	UR	531300N 0501814E	S087890
KUYBYSHEV AIRFRAME PLANT LENIN 18 STOL DEV	UR	531300N 0501814E	S087619
KUYBYSHEV AIRFRAME PLANT 18 CARELESS TU-154	UR	531300N 0501814E	S087621

25X1

LASA SSM/SPACE TRACKING FACILITY	CH	293855N 0910516E	S087595
LENINGRAD BOATYARD DEKABRISTOV DEKA A CL SES	UR	595721N 0301520E	S087706
LENINGRAD SHIPYARD ZHDANOV 190 YARD FACS NEW	UR	595233N 0301406E	S087716
LENINGRAD SOLID MOTOR TEST FACILITY 2	UR	601250N 0304218E	S087660
LENINGRAD SOLID MOTOR TEST FACILITY 3	UR	601530N 0304441E	

25X1

LIEPAJA BOMBING RANGE SEARCH	UR	5631 N 02101 E	S088032
LIPOVO BOMBING RANGE SEARCH	UR	5943 N 02805 E	S088033
LITOVKO BOMBING RANGE	UR	491755N 1352708E	S088039
LIUCHINGKOU SSM COMPLEX	CH	380835N 1000625E	S086947
LOVOZERO BOMBING RANGE SEARCH	UR	5943 N 02805 E	S088040
LOYANG/LONING SSM FACILITY SEARCH	CH	3425 N 11150 E	S086950
LUGANSK BOMBING RANGE SEARCH	UR	4834 N 03920 E	S088058

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
LUKHOVITSY AIRFIELD	UR	545418N 0390130E	S087643
LUKHOVITSY AIRFRAME PLANT	UR	545455N 0390220E	
LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S088066
LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	
LUSAKA ARMY BARRACKS SE TYPE-59 TK/ARV IDENT	ZA	153055S 0283607E	S087634
LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	384809N 1211540E	S087759
LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	384809N 1211540E	
LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	384809N 1211540E	
LUTA MACHINERY MANUFACTURING PLANT	CH	385402N 1213425E	S087515
LUTA RAILROAD LOCOMOTIVE + CAR MFG + RPR PLT	CH	385513N 1213440E	
LYAKI PHASED-ARRAY RADAR FACILITY	UR	405208N 0474913E	S087584
LYAKI PHASED-ARRAY RADAR FACILITY	UR	405208N 0474913E	S087558
MAKINSK RADIO RELAY STATION NEW SEARCH	UR	5238 N 07025 E	S088092
MARAMBAIA MILITARY PROVING GROUNDS	BR	2246 S 04256 W	S087727
MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	495810N 0124010E	S087641
MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	495810N 0124010E	
MARY AIRFIELD NE FLOGGER G MIG-23 IDENTIFIED	UR	373709N 0615342E	S087720
MEISHAN HEAVY INDUSTRY	CH	295830N 1034310E	S087515
MILITARY, ACTIVITY SUMMARY HAINAN MR	CH		S087492
MILITARY, ARTILLERY WPN TOWED LRG-CALIBER DPL	UR		S087362
MILITARY, BTR-60P/BTR-60PA/BTR-60PB VARIANTS	UR		S087730
MILITARY, GROUND FORCE STATIC DEFENSE EXER	UR		S087760
MILITARY, GROUND FORCES LANCHOU MR	CH		S087756
MILITARY, RIVER CROSSING EQUIPMENT NEW DPL	CH		

25X1

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TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
MILITARY, 5TH ARMY REALIGNMENT FAR EAST MD	UR		S087659
MIMON MILITARY TRNG AREA 421 BRDM-2 SPANDREL	CZ	503850N 0144720E	S087657
MINERALNYE VODY AIRFIELD ATC RADAR FACILITY	UR	441325N 0430506E	S087725
MINLO SSM FIELD TRAINING POSITION	CH	380335N 1005802E	S086945
MISRATAH AIRFIELD CONSTRUCTION PROGRESS	LY	321928N 0150350E	S087712
MISRATAH AIRFIELD HOPLITE MI-2 DPL IDENT	LY	321928N 0150350E	S087545
MISSILES, CSSC-1 CRATE	CH		S087445
MISSILES, CSSC-2/CSS-N-2 CRATE TYPE D PROB	CH		
MISSILES, CSS-N-1 CRATE TYPE A	CH		
MISSILES, CSS-N-2/CSSC-2 CRATE TYPE B	CH		
MISSILES, CSS-N-2/CSSC-2 CRATE TYPE C	CH		
MISSILES, CSS-1	CH		S087629
MISSILES, ICBM TYPE 3D/3H SILO CONVERSION	UR		S087582
MISSILES, ICBM TYPE 3F SILO GROUP TRENCHES	UR		S087597
MISSILES, ICBM TYPE 3G LAUNCH GROUP TRENCHES	UR		S087490
MISSILES, ICBM TYPE 3G LAUNCH GROUP TRENCHES	UR		S087491
MISSILES, ICBM TYPE 3H SILO UPPER DETAILS	UR		S087599
MISSILES, ICBM TYPE 3H SILO VARIANT	UR		S087607

25X1

MISSILES, SA-2 LAUNCHERS SPACE TRACKING FACS

UR

S086139

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TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X15X1

SUBJECT	COUN	COORD	ACCN NO.
MISSILES, SA-6 ASSOCIATED FACILS CONST ACT	CZ		S087641
MISSILES, SH-8	UR		S087362
MISSILES, SS-16 BUILDING SINGLE BAY GARAGE	UR		S087470
MISSILES, SS-16 BUILDING 11-BAY GARAGE 24M	UR		
MISSILES, SS-16/20 ASSOCIATED STRUCTURES	UR		
MISSILES, SS-16/20 ASSOCIATED STRUCTURES	UR		
MISSILES, SS-16/20 BLDG HIGH-BAY DRIVE-THRU	UR		
MISSILES, SS-16/20 BLDG HIGH-BAY DRIVE-THRU	UR		
MISSILES, SS-16/20 BUILDING HIGH-BAY DRIVE-IN	UR		
MISSILES, SS-16/20 BUILDING HIGH-BAY DRIVE-IN	UR		
MISSILES, SS-16/20 BUILDING 11-BAY 18M	UR		
MISSILES, SS-16/20 BUILDING 11-BAY 18M	UR		
MISSILES, SS-16/20 CLERESTORY BUILDING	UR		
MISSILES, SS-16/20 CLERESTORY BUILDING	UR		
MISSILES, SS-16/20 MBL MSL PAYLOAD FACIL PROB	UR		
MISSILES, SS-16/20 MBL MSL PAYLOAD FACIL PROB	UR		
MISSILES, SS-20 BUILDING TECHNICAL SUPPORT	UR		
MISSILES, SS-20 BUILDING 3-BAY DRIVE-IN	UR		
MISSILES, SS-20 DEPLOYMENT RATE	UR		S087362
MISSILES, SS-20 GARAGE ONE-BAY SLIDING ROOF	UR		S087470
MISSILES, SS-20 SLIDING-ROOF BUILDINGS	UR		S087752
MISSILES, SS-20 TRANSPORTER-ERECTOR-LAUNCHER	UR		S087593
MISSILES, TASM/AAM U/I	UR		S087572
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S087602
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S087577
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S087591
MOSKVA AIRFRAME PLANT 30	UR	554703N 0373249E	S087642
MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301	UR	555350N 0372556E	S087561
MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301	UR	555350N 0372556E	S086948

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293	UR	555444N 0372701E	S087498
MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	S087625
MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	
MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB	UR	554530N 0372928E	S087497
MOSKVA MISSILE PRODUCTION PLANT FILI 23	UR	554530N 0372928E	S087561
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087592
MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087581
MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087592
MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087581
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087587
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087579
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087587
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087579
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	555420N 0372651E	S087561
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	555420N 0372651E	
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	555420N 0372651E	S086954
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	555420N 0372651E	
MOSKVA SCIENTIFIC RESEARCH INST MACHINE BLDG	UR	555130N 0373630E	S086949
MOSKVA/SHEREMETYEVO AIRFIELD ATC RADAR FACIL	UR	555826N 0372448E	S087725
MOSKVA/VNUKOVO AIRFIELD AIR TRAFFIC CNTL RDR	UR	553529N 0371543E	
MOZDOK AIRFIELD	UR	434715N 0443601E	S087644
MOZDOK AIRFIELD GCA SITE	UR	434715N 0443600E	
MOZDOK AIRFIELD LRA BOMB CORP REGIMENT HQ BKR	UR	434600N 0443400E	
MOZDOK AIRFIELD PETROLEUM PRODUCTS STORAGE 1	UR	434646N 0443554E	
MOZDOK ASM SUPPORT FACILITY	UR	434638N 0443726E	

TOP SECRET CHESS RUFF

25X1

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25X1

SUBJECT	COUN	COORD	ACCN NO.
MULUNGUSHI MILITARY INSTALLATION BLDGS DAMAGE	ZA	143916S 0284853E	S087544
NABEREZHNYE CHELNY MOTOR VEH PLT KAMA RIVER	UR	554130N 0522730E	S087751
NALAYH AMMUNITION STORAGE DEPOT	MG	472912N 1071909E	S087899
NAMDAE CHON MILITARY CONSTRUCTION ACTIVITY	KN	402530N 1282500E	S087679
NANCHANG AIRFRAME + MISSILE PLANT 320	CH	283752N 1155526E	S087661
NANCHANG AIRFRAME + MISSILE PLANT 320	CH	283752N 1155526E	
NARVA BOMBING RANGE SEARCH	UR	5930 N 02825 E	S088057
NEBIT DAG AIRFIELD FLOGGER B/C MIG-23	UR	392847N 0542158E	S087891
NENOKSA NAVAL MTC LAUNCH FAC B STRUCTURE U/I	UR	643835N 0391220E	S087536
NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	465840N 0320019E	S087538
NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	465840N 0320019E	S087700
NIKOLAYEVKA NAVAL XMTR/DF FAC STOVEPIPE/R-378	UR	443401N 0332958E	S087563
NIZHNIY TAGIL RR CAR MFG PLT TRACKED CHASSIS	UR	575540N 0600540E	S087758
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S087561

25X1

NUCHON NI AIRFIELD PROB U/C

KN

381410N 1260730E

S087519

25X1

25X1

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TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT	LY	325346N 0131632E	S087550
OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT	LY	325346N 0131632E	
OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 ASSEMBLY	LY	325346N 0131632E	S087686
OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP	KN	391940N 1271810E	S087703
OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP	KN	391940N 1271810E	
OLENEGORSK HEN HOUSE ABM RADAR FACILITY	UR	680650N 0335434E	S087584
ONDANGUA AIRFIELD	WA	175300S 0155800E	S087665
ONDANGUA MILITARY CAMP EAST	WA	175200S 0155900E	
ONDANGUA MILITARY CAMP SOUTH	WA	175419S 0155947E	
ONDANGUA MILITARY STORAGE FACILITY	WA	175330S 0155703E	
ORENBURG GUIDED MISSILE PLANT SS-18 CAN SECT	UR	514818N 0550738E	S087682

25X1

OZERNOVSKIY GEOTHERMAL POWER PLANT PAUZHETKA	UR	512745N 1564740E	S087560
PARATUNKA GEOTHERMAL POWER PLANT	UR	525745N 1581500E	
PECHORA PHASED-ARRAY RADAR FACILITY	UR	651238N 0571722E	S087584
PECHORA PHASED-ARRAY RADAR FACILITY	UR	651238N 0571722E	S087558
PEICHING LOCOMOTIVE + ROLLING STOCK PLANT	CH	394919N 1161126E	S087515

25X1

PESKI RADIO RELAY STATION	UR	551339N 0384626E	S088093
PINA DEL RIO OPTICAL SATELLITE TRACKING FAC	CU	215520N 0842845W	S086307
PIPA 60T CD CR MSL SUPT/TRNG FAC CSSC-2 EQUIP	KN	383225N 1250138E	S087703
PITQUETE EXPLOSIVES PLANT VARGAS	BR	223654S 0451237W	S087727

25X1

POLTAVA SIGNAL EQUIPMENT STGE + RPR DPO DS1	UR	493620N 0343158E	S088056
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25X1

SUBJECT	COUN	COORD	ACCN NO.
POPOVITSA AMMUNITION DEPOT SOUTH 501	BU	420737N 0250322E	S088031
POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP	UR	550721N 0265305E	S087549
POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP	UR	550721N 0265305E	
PROSVET AMMUNITION DEPOT SE DA1	UR	553310N 0650634E	S088062
PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT	UR	523600N 0242345E	S087535
PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT	UR	523600N 0242345E	
PUNTA MOVIDA NAVAL FACILITY PROB CONST ACT	CU	220315N 0802640W	S087518
RAMENSKOYE CAPSULE TUBE R+D CENTER TRANSP SYS	UR	553555N 0381635E	S087756
RAMENSKOYE FLIGHT TEST CENTER AIRCRAFT MOCKUP	UR	553418N 0380923E	S087638
RAMENSKOYE FLIGHT TEST CENTER FORGER V/STOL	UR	553418N 0380923E	S087580
RAMENSKOYE FLIGHT TEST CTR BISON B DISMANTLED	UR	553418N 0380923E	S087656
REFIDIM AIRFIELD HANGARETTE DISMANTLEMENT	EG	302450N 0330904E	S087711
RIGA MILITARY TRNG AREA 1 PONTOON FERRY EXER	UR	570840N 0242430E	S087895
ROSTOV AIRFRAME PLANT 168 CONSTRUCTION ACT	UR	471516N 0394318E	S087709
SANTIAGO DE CUBA OPTICAL SATELLITE TRKG FAC	CU	200040N 0753735W	S086307
SANYUAN SAM TRAINING AREA ACTIVITY INCREASE	CH	343900N 1085830E	S087552
SARANSK MOTOR VEHICLE PLANT	UR	541227N 0451005E	S087666
SARATOV AIRFRAME PLANT 292 HIP MI-8 FUSELAGE	UR	512948N 0455703E	S087710
SARY SHAGAN MTC COMPLEX B ABM SILOS U/C	UR	460106N 0722804E	S087753
SARY SHAGAN MTC COMPLEX F ABM SILOS U/C	UR	462629N 0725108E	

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1

SUBJECT

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COORD

ACCN NO.

SARY SHAGAN MTC PHASED-ARRAY RADAR FAC NORTH	UR	463600N 0743000E	S087584
SARY SHAGAN MTC R+D COMPLEX FAC A NORTH BLDG	UR	455200N 0733100E	S087749
SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	460010N 0733859E	S087584
SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	460010N 0733859E	S087449

25X1

SEVASTOPOL NAVAL AMMUNITION STORAGE NE	UR	443902N 0333657E	S087368
SEVASTOPOL NAVAL INFANTRY INSTALLATION	UR	443352N 0332500E	S087564
SEVERODVINSK SHIPYARD CONST HALL/LAUNCH BASIN	UR	643438N 0394832E	S087755
SHAHSIEN SPACE TRACKING FACILITY POSS	CH	262345N 1174830E	S087594
SHANGHAI SHIPYARD KIANGNAN SESS OPTICAL TRKG	CH	311205N 1212901E	S087539
SHENYANG AIRFRAME PLANT 112 FLOGGER MIG-23	CH	415208N 1232600E	S087693

25X1

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TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
SHENYANG AIRFRAME PLANT 112 HSIAN A	CH	415208N 1232600E	S087694
SHENYANG RAILROAD CAR MFG + RPR PLANT HUANGKU	CH	414912N 1232230E	S087515
SHILENDA ZAPU MILITARY CAMP AIRSTRIKE IDENT	ZA	122600S 0253910E	S087697
SHIPS, 445F CLASS GUIDED MISSILE CRUISER	UR		S087700
SHUANGCHENG TZU MTC ICBM SITE B1/2	CH	411828N 1001854E	S087596
SHUANGCHENG TZU MTC ICBM SITE B1/2 LAUNCH PREP	CH	411828N 1001854E	S087690
SHUANGCHENG TZU MTC ICBM SITE B1/2 LNCH STAND	CH	411828N 1001854E	S087590
SHUANGCHENG TZU MTC ICBM SITE B1/2 MENSURATION	CH	411828N 1001854E	S087578
SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR	CH	411828N 1001854E	S087588
SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR	CH	411828N 1001854E	S087589
SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT	BU	423842N 0262132E	S087887
SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT	BU	423842N 0262132E	
SLUTSK ENGINEER REPAIR FACILITY	UR	530200N 0273520E	S087893
SMOLENSK COMMAND CONTROL FACILITY BKR U/I	UR	543927N 0315810E	S087494
SOLTSY AIRFIELD BACKFIRE PREFLIGHT ACTIVITY	UR	580822N 0301914E	S087556
SOLTSY ASM SUPPORT FACILITY AS-4 ACTIVITY	UR	580819N 0302058E	
SOLTSY BOMBING RANGE SEARCH	UR	5817 N 03045 E	S088061
SOVETSK ARMY BKS AL2/HQ TANK DIV BMP VARIANT	UR	550508N 0215149E	S087897
SOVETSKAYA GAVAN NAVAL FACIL BUKHTA SEVERNAYA	UR	490200N 1401755E	S087668
SPACE, R+D/PRODUCTION FACILITIES	UR		S087561
SPRATLY ISLANDS MILITARY ACTIVITY	PG	083800N 1115430E	S087361
SRI HARIKOTA ISLAND GROUND TELEMETRY SAT TRKG	IN	134045N 0801130E	S087662
SRI HARIKOTA ISLAND PROPELLANT PLANT	IN	134710N 0801220E	
SRI HARIKOTA ISLAND ROCKET LAUNCH STATION	IN	134100N 0801340E	

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TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
SRI HARIKOTA ISLAND ROCKET MOTOR TEST FACIL	IN	134456N 0801412E	
SRI HARIKOTA ISLAND ROCKET TRACKING FACILITY	IN	134108N 0801253E	
SRI HARIKOTA ISLAND SPACE LAUNCH FACILITY	IN	134025N 0801335E	
STANKE DIMITROV MILITARY TRAINING AREA	BU	421810N 0231200E	S088059
STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	494512N 0125912E	S087641
STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	494512N 0125912E	
SUNGLIN MTC MISSILE SERVICE TOWER U/C	CH	281420N 1020149E	S087362
TAIYUAN/SHOUYANG SAM DEPOT	CH	375220N 1130904E	S087669
TANGSHAN RAILROAD EQUIPMENT MFG + REPAIR PLT	CH	393615N 1181056E	S087515
TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	471835N 0194640E	S087655
TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	471835N 0194640E	
TASHKENT AIRFIELD CANDID IL-76 BORT COUNTS	UR	411846N 0692331E	S087889
TASHKENT AIRFRAME PLANT B CANDID BORT COUNT	UR	411802N 0691904E	
TATUNG LOCOMOTIVE + DIESEL ENGINE PLANT 616	CH	400417N 1131458E	S087515
TELINGHA SSM RADCOM STATION BUNKER HARD PROB	CH	372726N 0972348E	S086956
TENGSHAHO SSM FIELD TRAINING POSITION	CH	390911N 1220453E	S087583
TENGSHAHO SSM GARRISON SUPPORT AREA	CH	391340N 1220321E	
TENGSHAHO SSM RTP PROB	CH	391506N 1220520E	
TEYKOVO SSM COMPLEX POSITION 5 CONST ACT U/I	UR	564833N 0401006E	S087555
TINDOUF MECHANIZED INFANTRY BRIGADE ARRIVAL	AG	2810 N 0745 W	S087732
TRANSPORTATION, RAILROAD ROLLING STOCK PLANTS	CH		S087515
TRANSPORTATION, ROAD CONSTRUCTION CHINESE	LA		S087627
TSANGHSIEN AIRFIELD HSIAN A IDENTIFICATION	CH	382409N 1165550E	S087542
TULA MILITARY BARRACKS U/I	UR	540940N 0373636E	S088041

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SUBJECT	COUN	COORD	ACCN NO.
TUNGTAO ICBM COMPLEX COMMO FAC/EQUIP NEW SRCH	CH	261430N 1095358E	S086946
TYURATAM AIRFIELD 3	UR	460302N 0631351E	S087702
TYURATAM MTC ICBM SITE S9 SS-19 LNCH EVIDENCE	UR	460308N 0625915E	S087685
TYURATAM MTC ICBM SITE Y	UR	455653N 0633915E	S087702
TYURATAM MTC SPACE SITE U1/2 SL-12 LNCH PREPS	UR	460214N 0630212E	S087691
TYURATAM MTC SPACE SITE W	UR	460021N 0631833E	S087702
TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431	CH	300823N 1043722E	S087515
TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431	CH	300823N 1043722E	
ULAN UDE ESV TRACKING FACILITY T-SHAPED BLDG	UR	515223N 1075650E	S087585
UZHUR ICBM COMPLEX SILO DEPLOYMENT	UR	551736N 0900138E	S087601
VILA MACHADO MILITARY INSTALLATION ARMOR DPL	MZ	191635S 0341206E	S087681
VORONOVITSA GCC RELOCATION SITE BUNKERED	UR	490610N 0283945E	S087494
WANGFAN RADIO RELAY STATION	CH	341730N 1115030E	S086956

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SUBJECT

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ACCN NO.

WUCHAI MTC SSM R+D TRNG SITE A1/2/3 CSS-2 ACT	CH	385002N 1113617E	S087551
WUCHANG LOCOMOTIVE + RAILROAD CAR PLANT	CH	303512N 1141907E	S087515
WUHSING MISSILE PROPULSION R+D CENTER	CH	304450N 1200135E	S087628
YOSHKAR OLA BOMBING RANGE	UR	562633N 0474100E	S087955
ZAGORSK MILITARY DEPOT DX1	UR	561630N 0381400E	S088067
ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER	UR	562710N 0380435E	S087561
ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER	UR	562710N 0380435E	
ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK	UR	562544N 0381055E	

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ZHANGIZTOBE ICBM COMPLEX SILO DEPLOYMENT	UR	491759N 0811944E	S087606
ZUBOVKA BOMBING RANGE SEARCH	UR	6846 N 03235 E	S088065

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PART II

Listing of Reports by Originator

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	BIIR	RFB22-0004-79	FEB 79		13	S087470
AF	ENDR	A3002-79	18 APR 79		07	S087608
AF	ENDR	B4519-79	09 APR 79		13	S087572
AF	ENDR	C4513-79	01 APR 79		13	S087588
AF	ENDR	C4523-79	11 MAY 79		13	S087593
AF	ENDR	C6520-79	21 FEB 79		13	S087594
AF	ENDR	C6526-79	30 APR 79		13	S087587
AF	ENDR	C6527-79	04 MAY 79		13	S087595
AF	ENDR	D1509-79	24 APR 79		13	S087488
AF	ENDR	D3501-79	02 APR 79		13	S087599
AF	ENDR	D4525-79	29 MAY 79		13	S087598
AF	ENDR	D6522-79	29 MAR 79		13	S087604
AF	ENDR	D6523-79	04 MAY 79		13	S087597
AF	ENDR	D6530-79	03 MAY 79		13	S087603
AF	ENDR	D6531-79	03 MAY 79		13	S087600
AF	ENDR	D6532-79	03 MAY 79		13	S087601
AF	ENDR	D6535-79	04 MAY 79		13	S087490
AF	ENDR	D6536-79	04 MAY 79		13	S087491
AF	ENDR	E1008-79	11 MAY 79		07	S087729
AF	ENDR	E1009-79	11 MAY 79		07	S087728
AF	ENDR	E1506-79	02 APR 79		13	S087607
AF	ENDR	E6524-79	18 APR 79		13	S087605

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	ENDR	E6533-79	03 MAY 79		13	S087606
AF	ENDR	C4505-2-76	30 MAR 79		13	S087487
AF	ENDR	C4507-4-73	01 APR 79		13	S087590
AF	ENDR	C4517-1-77	04 APR 79		13	S087589
AF	ENDR	C6503-3-76	14 MAY 79		13	S087602
AF	ENDR	C6504-3-76	08 MAY 79		13	S087591
AF	ENDR	D6505-2-70	30 APR 79		13	S087592
AF	ENDR	E6531-1-77	20 APR 79		13	S087596
AF	IIM	8-79	29 MAR 79		05	S087A74
AF	IIM	9-79	29 MAR 79		05	S087A75
AF	IIM	10-79	30 MAR 79		05	S087A76
AF	IIM	11-79	16 APR 79		05	S087A77
AF	IIM	17-79	22 MAY 79		05	S087A78
AF	IIM	18-79	25 MAY 79		05	S087A79
AF	IIM	19-79	31 MAY 79		05	S087A80
AF	IIM	20-79	04 JUN 79		05	S087A81
AF	IIM	21-79	04 JUN 79		05	S087A82
AF	IIM	22-79	01 JUN 79		05	S087A83
AF	IIM	23-79	15 JUN 79		05	S087A84
AF	IIM	SA0005-79	01 MAY 79		13	S087A85
AF	IIM	SA0006-79	31 MAY 79		13	S087A86

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	IIM	SA0007-79	14 JUN 79		13	S087A87
AF	IIM	SA0008-79	19 JUN 79		13	S087A88
AF	PAR	511-79	26 JAN 79		13	S086793
AF	PAR	525-79	07 MAR 79		13	S086Q58
AF	PAR	529-79	09 MAR 79		13	S086Q54
AF	PAR	530-79	21 MAR 79		13	S086Q48
AF	PAR	531-79	08 MAR 79		13	S086Q56
AF	PAR	532-79	09 MAR 79		13	S086Q55
AF	PAR	535-79	04 MAY 79		13	S087578
AF	PAR	536-79	21 MAR 79		13	S086Q49
AF	PAR	542-79	16 MAR 79		13	S086Q52
AF	PAR	544-79	21 MAR 79		13	S086Q45
AF	PAR	546-79	21 MAR 79		13	S086Q47
AF	PAR	547-79	21 MAR 79		13	S086Q50
AF	PAR	556-79	26 MAR 79		13	S086Q46
AF	PAR	559-79	02 MAY 79		13	S087500
AF	PAR	563-79	08 MAY 79		13	S087583
AF	PAR	564-79	15 MAY 79		13	S087581
AF	PAR	565-79	19 APR 79		13	S087582
AF	PAR	566-79	23 APR 79		13	S087498
AF	PAR	567-79	11 APR 79		13	S087573
AF	PAR	570-79	03 MAY 79		13	S087499

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	PAR	571-79	20 APR 79		13	S087494
AF	PAR	573-79	24 APR 79		13	S087496
AF	PAR	574-79	23 APR 79		13	S087495
AF	PAR	575-79	04 MAY 79		13	S087497
AF	PAR	576-79	26 APR 79		13	S087586
AF	PAR	579-79	07 MAY 79		13	S087579
AF	PAR	584-79	11 MAY 79		13	S087584
AF	PAR	586-79	09 MAY 79		13	S087585
AF	PAR	588-79	16 MAY 79		13	S087577
AF	PAR	589-79	14 MAY 79		13	S087580
AF	PAR	591-79	21 MAY 79		13	S087574
AF	PAR	597-79	25 MAY 79		13	S087571

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CIA	BIIR	RCS13-0007-79	JUN 79		14	S087515
CIA	BIIR	RCS13-0008-79	JUN 79		14	S087754
CIA	BIIR	RCS13-0011-79	JUN 79		14	S087751
CIA	IAMR	ISMR004J-79	MAY 79		25	S087362
CIA	IAMR	ISMR005J-79	JUN 79		25	S087756

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
CIA	INFR	IS10099K-79	15 JUN 79		13	S087726
CIA	INFR	IS10103K-79	14 JUN 79		14	S087727
CIA	INFR	IS10110K-79	JUL 79		14	S087749
CIA	INFR	IS10112K-79	27 JUN 79		14	S087732
CIA	IRP	IS10043K-79	JUN 79		14	S087558
CIA	IRP	IS10065K-79	JUN 79		14	S087560
CIA	IRP	IS10082K-79	JUN 79		14	S087755
CIA	IRP	IS10087K-79	JUN 79		25	S087559
CIA	IRP	IS10089K-79	JUN 79		14	S087752
CIA	IRP	IS10094K-79	JUN 79		25	S087753
CIA	RP	GC10045K-79	APR 79		14	S087467
DIA	BIIB	BDA05-0001-79	MAY 79		14	S087369
DIA	BIIB	BDA06-0001-78	MAY 79		14	S087668
DIA	BIIB	BDA06-0001-79	MAY 79		14	S087368
DIA	BIIR	RDA04-0001-78	JUN 79		14	S087669
DIA	BIIR	RDA05-0004-79	JUN 79		14	S087644
DIA	BIIR	RDA06-0002-79	MAY 79		14	S087367
DIA	BIIR	RDA06-0004-78	JUN 79		14	S087564
DIA	BIIR	RDA06-0007-78	JUN 79		14	S087667
DIA	BIIR	RDA11-0024-78	JUN 79		14	S087666
DIA	IIM	5B1-72670-79	20 JUL 79		14	S087893
DIA	IIM	5B1-72671-79	23 JUL 79		14	S087892

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	IIM	5B1-72675-79	06 AUG 79		14	S088n41
DIA	IIM	5B1-72681-79	30 JUL 79		14	S088n21
DIA	IIM	5B1-72682-79	25 JUL 79		14	S087q01
DIA	IIM	5B1-72683-79	23 JUL 79		13	S087A96
DIA	IIM	5B1-72684-79	23 JUL 79		13	S087A94
DIA	IIM	5B1-72685-79	26 JUL 79		14	S087372
DIA	IIM	5B1-72694-79	26 JUL 79		14	S087q55
DIA	IIM	5B1-72696-79	25 JUL 79		14	S087q00
DIA	IIM	5B1-72699-79	23 JUL 79		14	S087A91
DIA	IIM	5B1-72705-79	27 JUL 79		14	S087q59
DIA	IIM	5B1-72708-79	26 JUL 79		14	S087q57
DIA	IIM	5B1-72711-79	24 JUL 79		14	S087A99
DIA	IIM	5B1-72712-79	31 JUL 79		14	S088n19
DIA	IIM	5B1-72714-79	26 JUL 79		14	S087q56
DIA	IIM	5B1-72720-79	31 JUL 79		14	S088n16
DIA	IIM	5B1-72725-79	26 JUL 79		14	S087q58
DIA	IIM	5B1-72726-79	13 AUG 79		14	S088n62
DIA	IIM	5B1-72734-79	31 JUL 79		13	S088n20
DIA	IIM	5B1-72740-79	31 JUL 79		13	S088n14
DIA	IIM	5B1-72741-79	03 AUG 79		14	S088n34
DIA	IIM	5B1-72747-79	31 JUL 79		13	S088n15

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	IIM	5B1-72749-79	31 JUL 79		13	S088n17
DIA	IIM	5B1-72750-79	31 JUL 79		13	S088n18
DIA	IIM	5B1-72758-79	03 AUG 79		14	S088n35
DIA	IIM	5B1-72766-79	06 AUG 79		14	S088n39
DIA	IIM	5B1-72777-79	03 AUG 79		13	S088n32
DIA	IIM	5B1-72785-79	03 AUG 79		14	S088n31
DIA	IIM	5B1-72786-79	03 AUG 79		13	S088n33
DIA	IIM	5B1-72788-79	10 AUG 79		13	S088n58
DIA	IIM	5B1-72814-79	13 AUG 79		13	S088n61
DIA	IIM	5B1-72816-79	20 AUG 79		14	S088n104
DIA	IIM	5B1-72818-79	10 AUG 79		14	S088n59
DIA	IIM	5B1-72819-79	14 AUG 79		13	S088n65
DIA	IIM	5B1-72824-79	13 AUG 79		14	S088n63
DIA	IIM	5B1-72825-79	13 AUG 79		14	S088n68
DIA	IIM	5B1-72829-79	10 AUG 79		14	S088n60
DIA	IIM	5B1-72832-79	14 AUG 79		14	S088n64
DIA	IIM	5B1-72844-79	16 AUG 79		14	S088n101
DIA	IIM	5B1-72846-79	16 AUG 79		14	S088n102
DIA	IIM	5B1-72847-79	20 AUG 79		14	S088n103
DIA	IIM	5B1-73790-79	06 AUG 79		14	S088n38
DIA	IIM	5B1-73791-79	06 AUG 79		13	S088n40
DIA	IIM	5B1-73797-79	14 AUG 79		14	S088n66

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	IIM	5B1-73798-79	10 AUG 79		13	S088n57
DIA	IIM	5B1-73800-79	08 AUG 79		14	S088n56
DIA	IIM	5B3-72689-79	20 JUL 79		13	S087A90
DIA	IIM	5B3-72692-79	20 JUL 79		13	S087A89
DIA	IIM	5B3-72701-79	25 JUL 79		14	S087q54
DIA	IIM	5B3-72703-79	23 JUL 79		14	S087A98
DIA	IIM	5B3-72780-79	15 AUG 79		14	S088067
DIA	NOTE		23 JUL 79		13	S087A95
DIA	NOTE		02 AUG 79		13	S087A97
DIA	NOTE		03 AUG 79		13	S088n36
DIA	NOTE		03 AUG 79		13	S088n37
DIA	NOTE		07 AUG 79		13	S088n55

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
[Redacted]						
NPIC	BIIR	RCA09-0011-79	JUN 79	[Redacted]	25	5087561
NPIC	BIIR	RCA09-0012-79	JUN 79		25	5087643
NPIC	BIIR	RCA09-0014-79	JUN 79		14	5087660
NPIC	BIIR	RCA09-0015-79	JUN 79		24	5087640

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BIIR	RCA09-0017-79	JUN 79		25	S087642
NPIC	BIIR	RCA09-0052-78	JUN 79		14	S087661
NPIC	BIIR	RCA14-0002-79	JUN 79		14	S087562
NPIC	BIIR	RCA15-0002-79	JUN 79		14	S087662
NPIC	BRAD		MAY 79		14	S087535
NPIC	BRAD		MAY 79		14	S087536
NPIC	BRAD		MAY 79		14	S087537
NPIC	BRAD		MAY 79		14	S087538
NPIC	BRAD		MAY 79		14	S087539
NPIC	BRAD		MAY 79		14	S087540
NPIC	BRAD		MAY 79		14	S087541
NPIC	BRAD		JUN 79		14	S087679
NPIC	BRAD		JUN 79		14	S087680
NPIC	BRAD		JUN 79		14	S087681
NPIC	BRAD		JUN 79		14	S087542
NPIC	BRAD		JUN 79		14	S087543
NPIC	BRAD		JUN 79		14	S087544
NPIC	BRAD		JUN 79		14	S087545
NPIC	BRAD		JUN 79		14	S087546
NPIC	BRAD		JUN 79		14	S087547
NPIC	BRAD		JUN 79		14	S087548

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BRAD		JUN 79		14	S087549
NPIC	BRAD		JUN 79		14	S087550
NPIC	BRAD		JUN 79		14	S087551
NPIC	BRAD		JUN 79		14	S087552
NPIC	BRAD		JUN 79		14	S087553
NPIC	BRAD		JUN 79		14	S087554
NPIC	BRAD		JUN 79		14	S087555
NPIC	BRAD		JUN 79		14	S087556
NPIC	BRAD		JUN 79		14	S087557
NPIC	BRAD		JUN 79		14	S087630
NPIC	BRAD		JUN 79		14	S087631
NPIC	BRAD		JUN 79		14	S087632
NPIC	BRAD		JUN 79		14	S087633
NPIC	BRAD		JUN 79		14	S087634
NPIC	BRAD		JUN 79		14	S087635
NPIC	BRAD		JUN 79		14	S087636
NPIC	BRAD		JUN 79		14	S087637
NPIC	BRAD		JUN 79		14	S087638
NPIC	BRAD		JUN 79		14	S087639
NPIC	BRAD		JUN 79		14	S087682
NPIC	BRAD		JUN 79		14	S087683
NPIC	BRAD		JUN 79		14	S087684

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BRAD		JUN 79		14	S087685
NPIC	BRAD		JUN 79		14	S087686
NPIC	BRAD		JUN 79		14	S087687
NPIC	BRAD		JUL 79		14	S087689
NPIC	BRAD		JUL 79		14	S087690
NPIC	BRAD		JUL 79		14	S087691
NPIC	BRAD		JUL 79		14	S087692
NPIC	IIR	IIR020-79	17 MAY 79		25	S087366
NPIC	IIR	IIR026-79	14 JUN 79		05	S087655
NPIC	IIR	IIR027-79	21 JUN 79		14	S087656
NPIC	IIR	IIR028-79	25 JUN 79		14	S087657
NPIC	IIR	IIR029-79	28 JUN 79		14	S087693
NPIC	IIR	IIR030-79	28 JUN 79		14	S087694
NPIC	IIR	IIR031-79	02 JUL 79		14	S087658
NPIC	IIR	IIR032-79	02 JUL 79		05	S087659
NPIC	IIR	IIR033-79	02 JUL 79		14	S087695
NPIC	IIR	IIR034-79	03 JUL 79		05	S087696
NPIC	IIR	IIR035-79	03 JUL 79		05	S087697
NPIC	IIR	IIR036-79	03 JUL 79		14	S087698
NPIC	IIR	IIR037-79	05 JUL 79		14	S087699
NPIC	MEMO	Z2400-79	07 MAY 79		05	S086307

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	MEMO		13 AUG 79		14	S088n54
NPIC	MEMO		14 AUG 79		14	S088n91
NPIC	MEMO		16 AUG 79		14	S088n92
NPIC	MEMO		17 AUG 79		14	S088n93
NPIC	PIR	PIR001-79	JAN 79		14	S086139
NPIC	PIR	PIR026-79	JUL 79		14	S087702
NPIC	PIR	PIR030-79	JUN 79		14	S087447
NPIC	PIR	PIR033-79	MAY 79		14	S087445
NPIC	PIR	PIR039-79	JUN 79		25	S087446
NPIC	PIR	PIR042-79	JUN 79		14	S087449
NPIC	PIR	PIR043-79	JUN 79		14	S087520
NPIC	PIR	PIR044-79	JUN 79		14	S087518
NPIC	PIR	PIR045-79	MAY 79		25	S087448
NPIC	PIR	PIR046-79	JUN 79		14	S087563
NPIC	PIR	PIR047-79	JUN 79		14	S087521
NPIC	PIR	PIR048-79	JUN 79		14	S087522
NPIC	PIR	PIR051-79	JUN 79		14	S087663
NPIC	PIR	PIR052-79	JUL 79		14	S087701
NPIC	PIR	PIR054-79	JUN 79		14	S087664
NPIC	PIR	PIR055-79	JUL 79		14	S087757
NPIC	PIR	PIR056-79	JUL 79		14	S087758
NPIC	PIR	PIR057-79	JUL 79		14	S087750

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	SR	SR029-79	MAY 79		14	S087361
NPIC	SR	SR031-79	MAY 79		14	S087364
NPIC	SR	SR032-79	JUN 79		05	S087519
NPIC	SR	SR033-79	JUN 79		14	S087517
NPIC	SR	SR035-79	JUN 79		14	S087641
NPIC	SR	SR036-79	JUL 79		14	S087665
NPIC	SR	SR037-79	JUL 79		25	S087704
NPIC	SR	SR038-79	JUL 79		14	S087759
NPIC	SR	SR039-79	JUL 79		14	S087703
NPIC	SR	SR040-79	JUL 79		14	S087700
NPIC	SR	SR041-79	JUL 79		14	S087760

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PART III

Listing of Reports by General Subject

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	AIRCRAFT, BISON M-4 DISMANTLING ACTIVITY	UR		S087898
05	AIRCRAFT, CANDID IL-76 TANKER VARIANT	UR		S087598
05	AIRCRAFT, COOKPOT TU-124 NAVIGATOR TRNG MODIF	UR		S087448
05	AIRCRAFT, CRUSTY TU-134 NAVIGATOR TRNG MODIF	UR		
05	AIRCRAFT, FANTAN A F-9 EXTERIOR FUEL TANK	CH		S087608
05	AIRCRAFT, FIREBAR YAK-28 GUN ARMAMENT SEARCH	UR		S087574
05	AIRCRAFT, RAM J VARIANT	UR		S086793

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05	AIRFIELDS, CONSTRUCTION ACTIVITY	KN		S087519
05	AIRFIELDS, FISHBED D F-8 USE/PRODUCTION SRCH	CH		S087495

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05	AIRFIELDS, REPAIR + IMPROVEMENT MAY 77-MAY 79	ET		S087757
05	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	481838N 0461424E	S087573
05	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM U/I	UR	481838N 0461424E	S087572
05	AL BUMBAH AIRFIELD NORTH CONSTRUCTION PROG	LY	322708N 0230717E	S087719
05	ARVAYHEER HELIPORT	MG	462100N 1025000E	S087954
05	BABAYEVO BOMBING RANGE SEARCH	UR	5924 N 03645 E	S087896
05	BALTIC WATER RANGE CPLX BOMB RANGE/AFLD SRCH	UR	5510 N 05600 E	S087894
05	BENINA AIRFIELD CONSTRUCTIONAL CHANGES	LY	320545N 0201630E	S087715

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	BLAGOPOLUCHIYA BOMBING RANGE SEARCH	UR	7530 N 06345 E	S088020
05	BOGOSLAVETS BOMBING RANGE/SIMULATED AFLD SRCH	UR	454840N 1343910E	S087372
05	CHENG TU AIRFRAME PLANT 132 FLOGGER SHPG CONTS	CH	304224N 1035744E	S087693
05	CHERKASSY BOMBING RANGE/SIMULATED AFLD SRCH	UR	4926 N 03204 E	S087901
05	DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW	VM	160700N 1081330E	S087684
05	DOLON AIRFIELD	UR	503214N 0791138E	S087369
05	DZHANKOY BOMBING RANGE	UR	454729N 0344335E	S087959
05	EL UOTIA AIRFIELD CONSTRUCTION PROGRESS	LY	322810N 0115400E	S087708
05	ENANA AIRFIELD MILITARY ACTIVITY INCREASE	WA	172931S 0161929E	S087547
05	GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21	UR	561916N 0435100E	S087640
05	HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT	CH	341505N 1085332E	S087704

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05	KARANO GAYSKIY BOMBING RANGE	UR	441512N 0460511E	S088019
05	KAZAN AIRFRAME PLANT 22 BACKFIRE SHPG CONTS	UR	555140N 0490700E	S087622
05	KERCH/BAGEROVO BOMBING RANGE	UR	452630N 0360910E	S088035
05	KILDIN OSTROV BOMBING RANGE SEARCH	UR	6920 N 03412 E	S088015
05	KOKAYTY AIRFIELD RECONNAISSANCE UNIT DEPLOYED	UR	373725N 0673102E	S087689
05	KOMSOMOLSK NA AMURE BOMBING RANGE SRCH	UR	5035 N 13702 E	S088014
05	KORSAKOV BOMBING RANGE SEARCH	UR	4637 N 14245 E	S088017

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05	KOVEL BOMBING RANGE	UR	512100N 0250900E	S088102
05	KRASNODAR BOMBING RANGE SEARCH	UR	4455 N 03800 E	S088018

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	KUNSON AIRFIELD U/C	KN	402130N 1284300E	S087519
05	KUUM NI AIRFIELD U/C	KN	385145N 1275419E	
05	KUYBYSHEV AIRFRAME PLANT CARELESS BORT CNTS	UR	531300N 0501814E	S087890
05	KUYBYSHEV AIRFRAME PLANT LENIN 18 STOL DEV	UR	531300N 0501814E	S087619
05	KUYBYSHEV AIRFRAME PLANT 18 CARELESS TU-154	UR	531300N 0501814E	S087621
05	LIEPAJA BOMBING RANGE SEARCH	UR	5631 N 02101 E	S088032
05	LIPOVO BOMBING RANGE SEARCH	UR	5943 N 02805 E	S08A033
05	LITOVKO BOMBING RANGE	UR	491755N 1352708E	S088039
05	LOVOZERO BOMBING RANGE SEARCH	UR	5943 N 02805 E	S088040
05	LUGANSK BOMBING RANGE SEARCH	UR	4834 N 03920 E	S088058
05	LUKHOVITSY AIRFIELD	UR	545418N 0390130E	S087643
05	LUKHOVITSY AIRFRAME PLANT	UR	545455N 0390220E	
05	LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S088066
05	MARY AIRFIELD NE FLOGGER 6 MIG-23 IDENTIFIED	UR	373709N 0615342E	S087720
05	MISRATAH AIRFIELD CONSTRUCTION PROGRESS	LY	321928N 0150350E	S087712
05	MISRATAH AIRFIELD HOPLITE MI-2 DPL IDENT	LY	321928N 0150350E	S087545
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S087577
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S087602
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S087591
05	MOSKVA AIRFRAME PLANT 30	UR	554703N 0373249E	S087642
05	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	S087625
05	MOZDOK AIRFIELD	UR	434715N 0443601E	S087644
05	MOZDOK AIRFIELD LRA BOMB CORP REGIMENT HQ BKR	UR	434600N 0443400E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	MOZDOK AIRFIELD PETROLEUM PRODUCTS STORAGE 1	UR	434646N 0443554E	
05	NANCHANG AIRFRAME + MISSILE PLANT 320	CH	283752N 1155526E	S087661
05	NARVA BOMBING RANGE SEARCH	UR	5930 N 02825 E	S088057
05	NEBIT DAG AIRFIELD FLOGGER B/C MIG-23	UR	392847N 0542158E	S087891
05	NUCHON NI AIRFIELD PROB U/C	KN	381410N 1260730E	S087519
05	OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT	LY	325346N 0131632E	S087550
05	OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 ASSEMBLY	LY	325346N 0131632E	S087686
05	ONDANGUA AIRFIELD	WA	175300S 0155800E	S087665
05	PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT	UR	523600N 0242345E	S087535
05	RAMENSKOYE FLIGHT TEST CENTER AIRCRAFT MOCKUP	UR	553418N 0380923E	S087638
05	RAMENSKOYE FLIGHT TEST CENTER FORGER V/STOL	UR	553418N 0380923E	S087580
05	RAMENSKOYE FLIGHT TEST CTR BISON B DISMANTLED	UR	553418N 0380923E	S087656
05	REFIDIM AIRFIELD HANGARETTE DISMANTLEMENT	EG	302450N 0330904E	S087711
05	ROSTOV AIRFRAME PLANT 168 CONSTRUCTION ACT	UR	471516N 0394318E	S087709
05	SARATOV AIRFRAME PLANT 292 HIP MI-8 FUSELAGE	UR	512948N 0455703E	S087710
05	SHENYANG AIRFRAME PLANT 112 FLOGGER MIG-23	CH	415208N 1232600E	S087693
05	SHENYANG AIRFRAME PLANT 112 HSIAN A	CH	415208N 1232600E	S087694
05	SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT	BU	423842N 0262132E	S087887
05	SOLTSY AIRFIELD BACKFIRE PREFLIGHT ACTIVITY	UR	580822N 0301914E	S087556
05	SOLTSY BOMBING RANGE SEARCH	UR	5817 N 03045 E	S088061
05	TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	471835N 0194640E	S087655
05	TASHKENT AIRFIELD CANDID IL-76 BORT COUNTS	UR	411846N 0692331E	S087889

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	TASHKENT AIRFRAME PLANT B CANDID BORT COUNT	UR	411802N 0691904E	
05	TSANGHSIEN AIRFIELD HSIAN A IDENTIFICATION	CH	382409N 1165550E	S087542
05	TYURATAM AIRFIELD 3	UR	460302N 0631351E	S087702

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05	YOSHKAR OLA BOMBING RANGE	UR	562633N 0474100E	S087955
05	ZUBOVKA BOMBING RANGE SEARCH	UR	6846 N 03235 E	S088065
10	GENERAL, FLOOD DAMAGE IMPACT BRAZIL 1979	BR		S087467
10	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	485020N 0455440E	S087537
10	NOVOSIBIRSK IRBM RTP SS-20 CAMOUFLAGE ACT	UR	551616N 0830133E	S087637
10	TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	471835N 0194640E	S087655
10	VORONOVITSA GCC RELOCATION SITE BUNKERED	UR	490610N 0283945E	S087494

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25	BATAJNICA AIRFIELD RSN-4N ILS	YO	445630N 0201500E	S087888
25	BOBRUYSK COMMAND CONTROL FACILITY BKR U/I	UR	530308N 0285951E	S087494
25	CHAGODA RADIO RELAY STATION	UR	591054N 0352005E	S088054
25	CHANGCHUN SSM/SPACE TRACKING FACILITY	CH	434345N 1253205E	S086958
25	CHERNYAKHOVSK ARMY BKS ALB DO-EL-5 ECM SET	UR	543824N 0214808E	S088037

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25	DOLON COMMAND CONTROL FACILITY BUNKERED U/I	UR	503755N 0792125E	S087494
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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	DOVSK RADIO RELAY STATION	UR	530920N 0302650E	S088091
25	DYLEN TILLENBERG SIGINT FACILITY RAMONA M	CZ	495812N 0123019E	S087366
25	ELECTRONICS, ABM/SPACE RDR FAC PWR SUBSTATION	UR		S086952
25	ELECTRONICS, BACK TRAP EW RADAR MODEL 1	UR		S087729
25	ELECTRONICS, BACK TRAP EW RADAR MODEL 2	UR		S087728
25	ELECTRONICS, DO-EL-01 ECM ASSOCIATED	UR		S087663
25	ELECTRONICS, DO-EL-02 ESM INTERCEPT SYSTEM	UR		
25	ELECTRONICS, DO-EL-03	UR		
25	ELECTRONICS, DO-EL-04 RADAR RANGE/AZIMUTH MBL	UR		
25	ELECTRONICS, DO-EL-05 ECM ASSOCIATED	UR		
25	ELECTRONICS, HF COMMO/MICROWAVE FACIL SEARCH	CH		S086956
25	ELECTRONICS, PHASED-ARRAY RADAR FACILITIES	UR		S087584
25	ELECTRONICS, PLANAR RADARS PECHORA EAST/WEST	UR		S087558
25	ELECTRONICS, RAMONA M MBL ELINT SYS FLD TEST	CZ		S087366
25	ELECTRONICS, R-378 HF COMMUNICATIONS JAMMER	UR		S087563
25	ELECTRONICS, SPACE TRACKING FACS SA-2 LNCHRS	UR		S086139
25	ELECTRONICS, STOVE PIPE ECM EQUIPMENT IDENT	UR		S087563
25	ELECTRONICS, SYMPHONIE COMSAT GRND STA EXPMT	CH		S087362
25	ELECTRONICS, TALL MIKE RADAR BMP M-1976 MTD	CH		S087473

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	ELECTRONICS, TROPOSCATTER ANTENNA STATIONS	IN		S087521
25	ELECTRONICS, 32-METER DISH ANTENNA	UR		S087488
25	EMBA MTC EM-EL-6 RADAR	UR	483800N 0580300E	S087726
25	ENGELS RADCOM COMMAND POST BUNKERED HARD	UR	513330N 0462100E	S087494
25	IRKUTSK COMSAT STATION NNE	UR	522332N 1042219E	S087586
25	IRKUTSK COMSAT STATION NORTH	UR	522343N 1042240E	
25	IRKUTSK RADCOM RECEIVER STATION NNE BUNKER	UR	522328N 1042259E	
25	KAPUSTIN YAR MTC ELCT TEST FAC GER-EL-01 RDR	UR	484130N 0454330E	S087554
25	KIYEV/BORISPOL AIRFIELD AIR TRAFFIC CNTL RDR	UR	502042N 0305338E	S087725
25	KUNMADARAS AIRFIELD FLAT FACE B RADAR IDENT	HU	472324N 0204659E	S087886
25	LASA SSM/SPACE TRACKING FACILITY	CH	293855N 0910516E	S087595
25	LYAKI PHASED-ARRAY RADAR FACILITY	UR	405208N 0474913E	S087558
25	LYAKI PHASED-ARRAY RADAR FACILITY	UR	405208N 0474913E	S087584
25	MAKINSK RADIO RELAY STATION NEW SEARCH	UR	5238 N 07025 E	S088092
25	MINERALNYYE VODY AIRFIELD ATC RADAR FACILITY	UR	441325N 0430506E	S087725
25	MOSKVA/SHERMETYEVO AIRFIELD ATC RADAR FACIL	UR	555826N 0372448E	
25	MOSKVA/VNUKOVO AIRFIELD AIR TRAFFIC CNTL RDR	UR	553529N 0371543E	
25	MOZDOK AIRFIELD GCA SITE	UR	434715N 0443600E	S087644
25	NIKOLAYEVKA NAVAL XMTR/DF FAC STOVEPIPE/R-378	UR	443401N 0332958E	S087563
25	OLENEGORSK HEN HOUSE ABM RADAR FACILITY	UR	680650N 0335434E	S087584
25	PECHORA PHASED-ARRAY RADAR FACILITY	UR	651238N 0571722E	S087558
25	PECHORA PHASED-ARRAY RADAR FACILITY	UR	651238N 0571722E	S087584
25	PESKI RADIO RELAY STATION	UR	551339N 0384626E	S088093

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	PINA DEL RIO OPTICAL SATELLITE TRACKING FAC	CU	215520N 0842845W	S086307
25	SANTIAGO DE CUBA OPTICAL SATELLITE TRKG FAC	CU	200040N 0753735W	
25	SARY SHAGAN MTC PHASED-ARRAY RADAR FAC NORTH	UR	463600N 0743000E	S087584
25	SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	460010N 0733859E	S087449
25	SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	460010N 0733859E	S087584
25	SHAHSIEN SPACE TRACKING FACILITY POSS	CH	262345N 1174830E	S087594
25	SMOLENSK COMMAND CONTROL FACILITY BKR U/I	UR	543927N 0315810E	S087494
25	SRI HARIKOTA ISLAND GROUND TELEMETRY SAT TRKG	IN	134045N 0801130E	S087662
25	SRI HARIKOTA ISLAND ROCKET TRACKING FACILITY	IN	134108N 0801253E	
25	TELINGHA SSM RADCOM STATION BUNKER HARD PROB	CH	372726N 0972348E	S086956
25	TUNGTAO ICBM COMPLEX COMMO FAC/EQUIP NEW SRCH	CH	261430N 1095358E	S086946
25	ULAN UDE ESV TRACKING FACILITY T-SHAPED BLDG	UR	515223N 1075650E	S087585
25	WANGFAN RADIO RELAY STATION	CH	341730N 1115030E	S086956
30	APACHA GEOTHERMAL POWER PLANT BOLSHE BANNAYA	UR	525430N 1573000E	S087560
30	AVACHINSKAYA GEOTHERMAL POWER STATION	UR	531518N 1590837E	
30	HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978	KN	394908N 1273558E	S087548
30	INDUSTRY, AMMONIA PLANTS IMPORTED PROD IMPACT	UR		S087362
30	INDUSTRY, CHEMICAL PLANTS EFFLUENT TREATMENT	UR		S087724
30	INDUSTRY, ELECTRIC POWER GENERATION INCREASE	CH		S087756
30	INDUSTRY, GEOTHERMAL POWER FACILITIES	UR		S087560
30	INDUSTRY, POWER SUBSTATIONS ABM/SPACE RDR FAC	UR		S086952
30	INDUSTRY, SOUA ASH PRODUCTION FACILITIES	CH		S087754
30	KUNASHIR GEOTHERMAL POWER STATION	UR	435939N 1454752E	S087560

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	LUTA MACHINERY MANUFACTURING PLANT	CH	385402N 1213425E	S087515
30	MEISHAN HEAVY INDUSTRY	CH	295830N 1034310E	
30	OZERNOVSKIY GEOTHERMAL POWER PLANT PAUZHETKA	UR	512745N 1564740E	S087560
30	PARATUNKA GEOTHERMAL POWER PLANT	UR	525745N 1581500E	
30	TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431	CH	300823N 1043722E	S087515
35	ADEN AMMUNITION STGE + TEST AREA M-1977 MRL	YS	124745N 0450155E	S087721
35	ADEN AMMUNITION STGE + TEST AREA M-1977 MRL	YS	124745N 0450155E	
35	ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV	YS	124715N 0450027E	S087750
35	ARSENYEV ARMY BARRACKS AL1	UR	440739N 1331649E	S088103
35	ARSENYEV MILITARY STORAGE DEPOT DX1	UR	441050N 1332103E	S087892
35	ARVAYHEER ARMY BARRACKS AL1	MG	462200N 1024800E	S088104
35	BALTA ARMY BARRACKS AL1	UR	475640N 0293605E	S087958
35	BARANO ORENBURGSKOYE ARMY BKS AL1 MRD RELOC	UR	442145N 1312710E	S087553
35	BELOGORSK MILITARY BKS AL1 + HQ MRD SP GUN BN	UR	505413N 1282858E	S087639
35	BOULOGNE TANK ASSEMBLY PLANT	AR	343000S 0583400W	S087696
35	BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS	UR	502950N 0304430E	S088055
35	BUYNAKSK AMMUNITION STORAGE DEPOT DA1	UR	424758N 0470619E	S087957
35	CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET	UR	543824N 0214808E	S088037
35	CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE	UR	441208N 1330920E	S088034
35	CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE	UR	441208N 1330920E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	CHIRCHIK ARMY BKS AL6 T-64/T-72 TANK IDENT	UR	412847N 0693427E	S087699
35	DONGUZ ARTILLERY TEST AREA T-72 TANK	UR	513200N 0545640E	S088036
35	DZHAMBUL AMMUNITION DEPOT	UR	425934N 0713903E	S088101
35	ENANA AIRFIELD MILITARY ACTIVITY INCREASE	WA	172931S 0161929E	S087547
35	GOMEL AMMUNITION DEPOT SW DA1	UR	522244N 0304453E	S087956
35	HAINANTAO ARMY MAIN FORCE INSTALLATIONS + O/B	CH	2001 N 11018 E	S087446
35	HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978	KN	394908N 1273558E	S087548
35	INHOMIRIM EXPLOSIVES PLANT ESTRELA	BR	223414S 0431131W	S087727
35	KIYEV ORDNANCE DEPOT WEST D03	UR	502745N 0302354E	S088021
35	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	491524N 0172413E	S087641
35	LUSAKA ARMY BARRACKS SE TYPE-59 TK/ARV IDENT	ZA	153055S 0283607E	S087634
35	MARAMBAIA MILITARY PROVING GROUNDS	BR	2246 S 04256 W	S087727
35	MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	495810N 0124010E	S087641
35	MILITARY, ACTIVITY SUMMARY HAINAN MR	CH		S087492
35	MILITARY, ARTILLERY WPN TOWED LRG-CALIBER DPL	UR		S087362
35	MILITARY, BTR-60P/BTR-60PA/BTR-60PB VARIANTS	UR		S087730
35	MILITARY, GROUND FORCE STATIC DEFENSE EXER	UR		S087760
35	MILITARY, GROUND FORCES LANCHOU MR	CH		S087756

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	MILITARY, RIVER CROSSING EQUIPMENT NEW DPL	CH		
35	MILITARY, 5TH ARMY REALIGNMENT FAR EAST MD	UR		S087659
35	MIMON MILITARY TRNG AREA 421 BRDM-2 SPANDREL	CZ	503850N 0144720E	S087657
35	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	S087625
35	MULUNGUSHI MILITARY INSTALLATION BLDGS DAMAGE	ZA	143916S 0284853E	S087544
35	NALAYH AMMUNITION STORAGE DEPOT	MG	472912N 1071909E	S087899
35	NAMDAE CHON MILITARY CONSTRUCTION ACTIVITY	KN	402530N 1282500E	S087679
35	OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP	KN	391940N 1271810E	S087703
35	ONDANGUA MILITARY CAMP EAST	WA	175200S 0155900E	S087665
35	ONDANGUA MILITARY CAMP SOUTH	WA	175419S 0155947E	
35	ONDANGUA MILITARY STORAGE FACILITY	WA	175330S 0155703E	
35	PITQUETE EXPLOSIVES PLANT VARGAS	BR	223654S 0451237W	S087727
35	POLTAVA SIGNAL EQUIPMENT STGE + RPR DPO DS1	UR	493620N 0343158E	S088056
35	POPOVITSA AMMUNITION DEPOT SOUTH 501	BU	420737N 0250322E	S088031
35	PROSVET AMMUNITION DEPOT SE DA1	UR	553310N 0650634E	S088062
35	PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT	UR	523600N 0242345E	S087535
35	RIGA MILITARY TRNG AREA 1 PONTON FERRY EXER	UR	570840N 0242430E	S087895

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35	SHILENDA ZAPU MILITARY CAMP AIRSTRIKE IDENT	ZA	122600S 0253910E	S087697
35	SLUTSK ENGINEER REPAIR FACILITY	UR	530200N 0273520E	S087893
35	SOVETSK ARMY BKS AL2/HQ TANK DIV BMP VARIANT	UR	550508N 0215149E	S087897
35	SPRATLY ISLANDS MILITARY ACTIVITY	PG	083800N 1115430E	S087361
35	STANKE DIMITROV MILITARY TRAINING AREA	BU	421810N 0231200E	S088059
35	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	494512N 0125912E	S087641
35	TINDOUF MECHANIZED INFANTRY BRIGADE ARRIVAL	AG	2810 N 0745 W	S087732
35	TULA MILITARY BARRACKS U/I	UR	540940N 0373636E	S088041
35	VILA MACHADO MILITARY INSTALLATION ARMOR DPL	MZ	191635S 0341206E	S087681

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35	ZAGORSK MILITARY DEPOT DX1	UR	561630N 0381400E	S088067
40	ADEN SAM SUPPORT FACILITY	YS	125218N 0445825E	S087664
40	ADEN SA-2 SITE 3	YS	124936N 0445327E	
40	ADEN SA-2 SITE 4	YS	125320N 0445710E	
40	ADEN SA-2 SITE 5	YS	125100N 0445810E	
40	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	481838N 0461424E	S087573
40	ALEYSK ICBM COMPLEX SILO DEPLOYMENT	UR	522845N 0830520E	S087604
40	BIYSK SOLID MOTOR TEST AREA 2 SEGMENTED MOTOR	UR	523119N 0850154E	S087701
40	CHIUFENGJUN MRBM FIELD POSITION MSL HDLG EXER	CH	401131N 1181107E	S087722
40	CHO DO COASTAL DEF CR MSL SITE CSSC-2 EQUIP	KN	383110N 1245100E	S087703
40	DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	482601N 0345828E	S087496

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	DOMBAROVSKIY ICBM COMPLEX SILO DEPLOYMENT	UR	510746N 0600957E	S087605
40	EMBA MTC SA-X-11 FIELD EXERCISE IDENTIFIED	UR	483800N 0580300E	S087658
40	FAUSTOVO AEROSPACE R+D FACILITY	UR	552746N 0383143E	S087561
40	HSIAOPINGTAO SLBM SUPPORT FACILITY SLBM TRANS	CH	385237N 1212927E	S087635
40	HSIAOPINGTAO SLBM SUPPORT FACILITY TEST ACT	CH	385237N 1212927E	S087759
40	HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN	CH	384903N 1212937E	S087546
40	HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT	CH	384903N 1212937E	S087759
40	IMENI GASTELLO ICBM COMPLEX SILO DEPLOYMENT	UR	511641N 0655550E	S087603
40	IVANKOVSKIY GUIDED MISSILE PLANT	UR	564521N 0370700E	S087499
40	KAPUSTIN YAR MTC SAM R+D AREA D SA-X-10 ACT	UR	484704N 0454845E	S087557
40	KAPUSTIN YAR MTC SRBM CPLX A SITE 1 KY-A-01	UR	484116N 0461648E	S087630
40	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	485020N 0455440E	S087537
40	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	485020N 0455440E	S087537
40	KARTALY SSM COMPLEX SILO DEPLOYMENT	UR	525311N 0603417E	S087600
40	KHORMAKSAR SA-2 SITE ADEN A31	YS	125014N 0445728E	S087664
40	KHORMAKSAR SA-2 SITE ADEN A35	YS	125250N 0450117E	S087664
40	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	491524N 0172413E	S087641
40	KUNMING SSM FIELD TRAINING POSITION CONST NEW	CH	245208N 1025347E	S087623
40	KURUMUCH ROCKET ENG TEST FAC ACOUSTICAL TEST	UR	533215N 0495116E	S087559
40	KURUMUCH ROCKET ENGINE TEST FACILITY	UR	533215N 0495116E	S087561
40	KUYBYSHEV AEROSPACE PRODUCTION PLANT 1	UR	531315N 0501804E	S087561

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	LENINGRAD SOLID MOTOR TEST FACILITY 2	UR	601250N 0304218E	S087660
40	LENINGRAD SOLID MOTOR TEST FACILITY 3	UR	601530N 0304441E	
40	LIUCHINGKOU SSM COMPLEX	CH	380835N 1000625E	S086947
40	LOYANG/LONING SSM FACILITY SEARCH	CH	3425 N 11150 E	S086950
40	LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S088066
40	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	384809N 1211540E	S087759
40	MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	495810N 0124010E	S087641
40	MINLO SSM FIELD TRAINING POSITION	CH	380335N 1005802E	S086945
40	MISSILES, CSSC-1 CRATE	CH		S087445
40	MISSILES, CSSC-2/CSS-N-2 CRATE TYPE D PROB	CH		
40	MISSILES, CSS-N-1 CRATE TYPE A	CH		
40	MISSILES, CSS-N-2/CSSC-2 CRATE TYPE B	CH		
40	MISSILES, CSS-N-2/CSSC-2 CRATE TYPE C	CH		
40	MISSILES, CSS-1	CH		S087629
40	MISSILES, ICBM TYPE 3D/3H SILO CONVERSION	UR		S087582
40	MISSILES, ICBM TYPE 3F SILO GROUP TRENCHES	UR		S087597
40	MISSILES, ICBM TYPE 3G LAUNCH GROUP TRENCHES	UR		S087491
40	MISSILES, ICBM TYPE 3G LAUNCH GROUP TRENCHES	UR		S087490
40	MISSILES, ICBM TYPE 3H SILO UPPER DETAILS	UR		S087599
40	MISSILES, ICBM TYPE 3H SILO VARIANT	UR		S087607

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MISSILES, SA-2 LAUNCHERS SPACE TRACKING FACS	UR		S086139
40	MISSILES, SA-6 ASSOCIATED FACILS CONST ACT	CZ		S087641
40	MISSILES, SH-8	UR		S087362
40	MISSILES, SS-16 BUILDING SINGLE BAY GARAGE	UR		S087470
40	MISSILES, SS-16 BUILDING 11-BAY GARAGE 24M	UR		
40	MISSILES, SS-16/20 ASSOCIATED STRUCTURES	UR		
40	MISSILES, SS-16/20 ASSOCIATED STRUCTURES	UR		
40	MISSILES, SS-16/20 BLDG HIGH-BAY DRIVE-THRU	UR		
40	MISSILES, SS-16/20 BLDG HIGH-BAY DRIVE-THRU	UR		
40	MISSILES, SS-16/20 BUILDING HIGH-BAY DRIVE-IN	UR		
40	MISSILES, SS-16/20 BUILDING HIGH-BAY DRIVE-IN	UR		
40	MISSILES, SS-16/20 BUILDING 11-BAY 18M	UR		
40	MISSILES, SS-16/20 BUILDING 11-BAY 18M	UR		
40	MISSILES, SS-16/20 CLERESTORY BUILDING	UR		
40	MISSILES, SS-16/20 CLERESTORY BUILDING	UR		
40	MISSILES, SS-16/20 MBL MSL PAYLOAD FACIL PROB	UR		
40	MISSILES, SS-16/20 MBL MSL PAYLOAD FACIL PROB	UR		
40	MISSILES, SS-20 BUILDING TECHNICAL SUPPORT	UR		
40	MISSILES, SS-20 BUILDING 3-BAY DRIVE-IN	UR		
40	MISSILES, SS-20 DEPLOYMENT RATE	UR		S087362
40	MISSILES, SS-20 GARAGE ONE-BAY SLIDING ROOF	UR		S087470
40	MISSILES, SS-20 SLIDING-ROOF BUILDINGS	UR		S087752
40	MISSILES, SS-20 TRANSPORTER-ERECTOR-LAUNCHER	UR		S087593
40	MISSILES, TASM/AAM U/I	UR		S087572
40	MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301	UR	555350N 0372556E	S087561
40	MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301	UR	555350N 0372556E	S086948
40	MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293	UR	555444N 0372701E	S087498
40	MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB	UR	554530N 0372928E	S087497
40	MOSKVA MISSILE PRODUCTION PLANT FILI 23	UR	554530N 0372928E	S087561

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
40	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087592
40	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087581
40	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087592
40	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	555517N 0374805E	S087581
40	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087579
40	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087587
40	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	555517N 0374805E	S087579
40	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456	UR	555420N 0372651E	S087561
40	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456	UR	555420N 0372651E	
40	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456	UR	555420N 0372651E	S086954
40	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456	UR	555420N 0372651E	
40	MOZDOK ASM SUPPORT FACILITY	UR	434638N 0443726E	S087644
40	NANCHANG AIRFRAME + MISSILE PLANT 320	CH	283752N 1155526E	S087661
40	NENOKSA NAVAL MTC LAUNCH FAC B STRUCTURE U/I	UR	643835N 0391220E	S087536
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S087561
40	NOVOSIBIRSK IRBM RTP SS-20 CAMOUFLAGE ACT	UR	551616N 0830133E	S087637
40	OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT	LY	325346N 0131632E	S087550
40	OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP	KN	391940N 1271810E	S087703
40	ORENBURG GUIDED MISSILE PLANT SS-18 CAN SECT	UR	514818N 0550738E	S087682
40	PIPA GOT CD CR MSL SUPT/TRNG FAC CSSC-2 EQUIP	KN	383225N 1250138E	S087703
40	POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP	UR	550721N 0265305E	S087549

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP	UR	550721N 0265305E	
40	SANYUAN SAM TRAINING AREA ACTIVITY INCREASE	CH	343900N 1085830E	S087552
40	SARY SHAGAN MTC COMPLEX B ABM SILOS U/C	UR	460106N 0722804E	S087753
40	SARY SHAGAN MTC COMPLEX F ABM SILOS U/C	UR	462629N 0725108E	
40	SARY SHAGAN MTC R+D COMPLEX FAC A NORTH BLDG	UR	455200N 0733100E	S087749
40	SHUANGCHENG TZU MTC ICBM SITE B1/2	CH	411828N 1001854E	S087596
40	SHUANGCHENG TZU MTC ICBM SITE B1/2 LAUNCH PREP	CH	411828N 1001854E	S087690
40	SHUANGCHENG TZU MTC ICBM SITE B1/2 LNCH STAND	CH	411828N 1001854E	S087590
40	SHUANGCHENG TZU MTC ICBM SITE B1/2 MENSURATION	CH	411828N 1001854E	S087578
40	SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR	CH	411828N 1001854E	S087589
40	SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR	CH	411828N 1001854E	S087588
40	SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT	BU	423842N 0262132E	S087887
40	SOLTSY ASM SUPPORT FACILITY AS-4 ACTIVITY	UR	580819N 0302058E	S087556
40	SPACE, R+D/PRODUCTION FACILITIES	UR		S087561
40	SRI HARIKOTA ISLAND PROPELLANT PLANT	IN	134710N 0801220E	S087662
40	SRI HARIKOTA ISLAND ROCKET LAUNCH STATION	IN	134100N 0801340E	
40	SRI HARIKOTA ISLAND ROCKET MOTOR TEST FACIL	IN	134456N 0801412E	
40	SRI HARIKOTA ISLAND SPACE LAUNCH FACILITY	IN	134025N 0801335E	
40	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	494512N 0125912E	S087641
40	SUNGLIN MTC MISSILE SERVICE TOWER U/C	CH	281420N 1020149E	S087362
40	TAIYUAN/SHOUYANG SAM DEPOT	CH	375220N 1130904E	S087669
40	TENGSHAHO SSM FIELD TRAINING POSITION	CH	390911N 1220453E	S087583
40	TENGSHAHO SSM GARRISON SUPPORT AREA	CH	391340N 1220321E	
40	TENGSHAHO SSM RTP PROB	CH	391506N 1220520E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	TEYKOVO SSM COMPLEX POSITION 5 CONST ACT U/I	UR	564833N 0401006E	S087555
40	TYURATAM MTC ICBM SITE S9 SS-19 LNCH EVIDENCE	UR	460308N 0625915E	S087685
40	TYURATAM MTC ICBM SITE Y	UR	455653N 0633915E	S087702
40	TYURATAM MTC SPACE SITE U1/2 SL-12 LNCH PREPS	UR	460214N 0630212E	S087691
40	TYURATAM MTC SPACE SITE W	UR	460021N 0631833E	S087702
40	UZHUR ICBM COMPLEX SILO DEPLOYMENT	UR	551736N 0900138E	S087601

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40	WUCHAI MTC SSM R+D TRNG SITE A1/2/3 CSS-2 ACT	CH	385002N 1113617E	S087551
40	WUHSING MISSILE PROPULSION R+D CENTER	CH	304450N 1200135E	S087628
40	ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER	UR	562710N 0380435E	S087561
40	ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER	UR	562710N 0380435E	
40	ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK	UR	562544N 0381055E	
40	ZHANGIZTOBE ICBM COMPLEX SILO DEPLOYMENT	UR	491759N 0811944E	S087606

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV	YS	124715N 0450027E	S087750
75	CHIANGKOCUANG SUBMARINE BASE PUG	CH	360625N 1203513E	S087667
75	DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW	VM	160700N 1081330E	S087684
75	FEODOSIYA SHIPYARD YUZNAYA YUZH A CLASS PGHB	UR	450711N 0352953E	S087707
75	GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	680420N 0392824E	S087367
75	GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	680420N 0392824E	S087367
75	HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN	CH	384903N 1212937E	S087546
75	HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT	CH	384903N 1212937E	S087759
75	KALININGRAD SHIPYARD STATE 820 820D NAVAL AUX	UR	544137N 0202616E	S087633
75	KOMSOMOLSK SHIPYARD AMUR V-3 CL SSN LNCH PREP	UR	503232N 1370248E	S087543
75	KOMSOMOLSK SHIPYARD AMUR 199 I CL SSAG LAUNCH	UR	503232N 1370248E	S087680
75	LENINGRAD BOATYARD DEKABRISTOV DEKA A CL SES	UR	595721N 0301520E	S087706
75	LENINGRAD SHIPYARD ZHDANOV 190 YARD FACS NEW	UR	595233N 0301406E	S087716
75	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	384809N 1211540E	S087759
75	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	384809N 1211540E	S087759
75	NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	465840N 0320019E	S087538
75	NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	465840N 0320019E	S087700
75	PUNTA MOVIDA NAVAL FACILITY PROB CONST ACT	CU	220315N 0802640W	S087518
75	SEVASTOPOL NAVAL AMMUNITION STORAGE NE	UR	443902N 0333657E	S087368
75	SEVASTOPOL NAVAL INFANTRY INSTALLATION	UR	443352N 0332500E	S087564
75	SEVERODVINSK SHIPYARD CONST HALL/LAUNCH BASIN	UR	643438N 0394832E	S087755

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	SHANGHAI SHIPYARD KIANGNAN SESS OPTICAL TRKG	CH	311205N 1212901E	S087539
75	SHIPS, 445F CLASS GUIDED MISSILE CRUISER	UR		S087700
75	SOVETSKAYA GAVAN NAVAL FACIL BUKHTA SEVERNAYA	UR	490200N 1401755E	S087668
85	CHANGCHUN RAILROAD CAR MANUFACTURING PLANT	CH	435420N 1251741E	S087515
85	CHANGHSINTIEN ROLLING STOCK MFG + REPAIR PLT	CH	395110N 1161115E	
85	CHICHIHAERH RAILROAD LOCOMOTIVE + CAR MFG PLT	CH	472050N 1240046E	
85	CHINGTAO LOCOMOTIVE/ROLLING STOCK PLT SSUFANG	CH	360636N 1202033E	
85	CHUCHOU RAILROAD CAR REPAIR PLANT	CH	275311N 1131151E	
85	CHUCHOU RAILROAD EQUIPMENT MFG + REPAIR PLANT	CH	275305N 1130716E	
85	GOMEL AVTOKOLONNA 2443	UR	522511N 0305735E	S088063
85	HAERHPIN RAILROAD LOCOMOTIVE + CAR MFG PLANT	CH	454551N 1263545E	S087515
85	HSIAN RAILROAD CAR MFG + REPAIR PLT SANCHIAO	CH	341805N 1084951E	
85	HSIANGTAN ELECTRICAL EQUIPMENT PLANT	CH	274832N 1125610E	
85	KALININGRAD AVTOKOLONNA 1114	UR	544251N 0203222E	S088068
85	KALININGRAD AVTOKOLONNA 1115	UR	544356N 0203018E	S088060
85	KALININGRAD AVTOKOLONNA 1703	UR	544435N 0202848E	S088064
85	LUTA RAILROAD LOCOMOTIVE + CAR MFG + RPR PLT	CH	385513N 1213440E	S087515
85	NABEREZHNYE CHELNY MOTOR VEH PLT KAMA RIVER	UR	554130N 0522730E	S087751
85	NIZHNIY TAGIL RR CAR MFG PLT TRACKED CHASSIS	UR	575540N 0600540E	S087758
85	PEICHING LOCOMOTIVE + ROLLING STOCK PLANT	CH	394919N 1161126E	S087515
85	RAMENSKOYE CAPSULE TUBE R+D CENTER TRANSP SYS	UR	553555N 0381635E	S087756
85	SARANSK MOTOR VEHICLE PLANT	UR	541227N 0451005E	S087666
85	SHENYANG RAILROAD CAR MFG + RPR PLANT HUANGKU	CH	414912N 1232230E	S087515
85	TANGSHAN RAILROAD EQUIPMENT MFG + REPAIR PLT	CH	393615N 1181056E	
85	TATUNG LOCOMOTIVE + DIESEL ENGINE PLANT 616	CH	400417N 1131458E	

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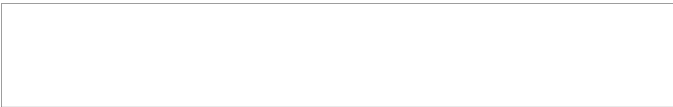
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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
85	TRANSPORTATION, RAILROAD ROLLING STOCK PLANTS	CH		
85	TRANSPORTATION, ROAD CONSTRUCTION CHINESE	LA		S087627
85	TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431	CH	300823N 1043722E	S087515
85	WUCHANG LOCOMOTIVE + RAILROAD CAR PLANT	CH	303512N 1141907E	

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PART IV

Listing of Reports by Coordinates

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COORD	SUBJECT	COUN	ACCN NO.
083800N 1115430E	SPRATLY ISLANDS MILITARY ACTIVITY	PG	087361
124936N 0445327E	ADEN SA-2 SITE 3	YS	087664
125014N 0445728E	KHORMAKSAR SA-2 SITE ADEN A31	YS	
125100N 0445810E	ADEN SA-2 SITE 5	YS	
125218N 0445825E	ADEN SAM SUPPORT FACILITY	YS	
125320N 0445710E	ADEN SA-2 SITE 4	YS	
124715N 0450027E	ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV	YS	087750
124715N 0450027E	ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV	YS	
124745N 0450155E	ADEN AMMUNITION STGE + TEST AREA M-1977 MRL	YS	087721
124745N 0450155E	ADEN AMMUNITION STGE + TEST AREA M-1977 MRL	YS	
125250N 0450117E	KHORMAKSAR SA-2 SITE ADEN A35	YS	087664
134045N 0801130E	SRI HARIKOTA ISLAND GROUND TELEMETRY SAT TRKG	IN	087662
134025N 0801335E	SRI HARIKOTA ISLAND SPACE LAUNCH FACILITY	IN	
134108N 0801253E	SRI HARIKOTA ISLAND ROCKET TRACKING FACILITY	IN	
134100N 0801340E	SRI HARIKOTA ISLAND ROCKET LAUNCH STATION	IN	
134456N 0801412E	SRI HARIKOTA ISLAND ROCKET MOTOR TEST FACIL	IN	
134710N 0801220E	SRI HARIKOTA ISLAND PROPELLANT PLANT	IN	
160700N 1081330E	DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW	VM	087684
160700N 1081330E	DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW	VM	

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2001 N 11018 E	HAINANTAO ARMY MAIN FORCE INSTALLATIONS + O/B	CH	087446
245208N 1025347E	KUNMING SSM FIELD TRAINING POSITION CONST NEW	CH	087623
261430N 1095358E	TUNGTAO ICBM COMPLEX COMMO FAC/EQUIP NEW SRCH	CH	086946
262345N 1174830E	SHAHSIEN SPACE TRACKING FACILITY POSS	CH	087594
274832N 1125610E	HSIANGTAN ELECTRICAL EQUIPMENT PLANT	CH	087515
275305N 1130716E	CHUCHOU RAILROAD EQUIPMENT MFG + REPAIR PLANT	CH	
275311N 1131151E	CHUCHOU RAILROAD CAR REPAIR PLANT	CH	
281420N 1020149E	SUNGLIN MTC MISSILE SERVICE TOWER U/C	CH	087362
283752N 1155526E	NANCHANG AIRFRAME + MISSILE PLANT 320	CH	087661

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COORD	SUBJECT	COUN	ACCN NO.
283752N 1155526E	NANCHANG AIRFRAME + MISSILE PLANT 320	CH	
293855N 0910516E	LASA SSM/SPACE TRACKING FACILITY	CH	≤087595
295830N 1034310E	MEISHAN HEAVY INDUSTRY	CH	≤087515
302450N 0330904E	REFIDIM AIRFIELD HANGARETTE DISMANTLEMENT	EG	≤087711
304224N 1035744E	CHENGDU AIRFRAME PLANT 132 FLOGGER SHPG CONTS	CH	≤087693
300823N 1043722E	TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431	CH	≤087515
300823N 1043722E	TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431	CH	
303512N 1141907E	WUCHANG LOCOMOTIVE + RAILROAD CAR PLANT	CH	
304450N 1200135E	WUHSING MISSILE PROPULSION R+D CENTER	CH	≤087628
311205N 1212901E	SHANGHAI SHIPYARD KIANGNAN SESS OPTICAL TRKG	CH	≤087539
322810N 0115400E	EL UOTIA AIRFIELD CONSTRUCTION PROGRESS	LY	≤087708

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325346N 0131632E	OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 ASSEMBLY	LY	≤087686
325346N 0131632E	OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT	LY	≤087550
325346N 0131632E	OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT	LY	
321928N 0150350E	MISRATAH AIRFIELD CONSTRUCTION PROGRESS	LY	≤087712
321928N 0150350E	MISRATAH AIRFIELD HOPLITE MI-2 DPL IDENT	LY	≤087545
320545N 0201630E	BENINA AIRFIELD CONSTRUCTIONAL CHANGES	LY	≤087715
322708N 0230717E	AL BUMBAH AIRFIELD NORTH CONSTRUCTION PROG	LY	≤087719

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341505N 1085332E	HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT	CH	≤087704
341505N 1085332E	HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT	CH	
341805N 1084951E	HSIAN RAILROAD CAR MFG + REPAIR PLT SANCHIAO	CH	≤087515

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COORD	SUBJECT	COUN	ACCN NO.
343900N 1085830E	SANYUAN SAM TRAINING AREA ACTIVITY INCREASE	CH	087552
341730N 1115030E	WANGFAN RADIO RELAY STATION	CH	086956
3425 N 11150 E	LOYANG/LONING SSM FACILITY SEARCH	CH	086950
360636N 1202033E	CHINGTAO LOCOMOTIVE/ROLLING STOCK PLT SSUFANG	CH	087515
360625N 1203513E	CHIANGKOCHUANG SUBMARINE BASE PUG	CH	087667
373709N 0615342E	MARY AIRFIELD NE FLOGGER 6 MIG-23 IDENTIFIED	UR	087720
373725N 0673102E	KOKAYTY AIRFIELD RECONNAISSANCE UNIT DEPLOYED	UR	087689
372726N 0972348E	TELINGHA SSM RADCOM STATION BUNKER HARD PROB	CH	086956
375220N 1130904E	TAIYUAN/SHOUYANG SAM DEPOT	CH	087669
380335N 1005802E	MINLO SSM FIELD TRAINING POSITION	CH	086945
380835N 1000625E	LIUCHINGKOU SSM COMPLEX	CH	086947
385002N 1113617E	WUCHAI MTC SSM R+D TRNG SITE A1/2/3 CSS-2 ACT	CH	087551
382409N 1165550E	TSANGHSIEN AIRFIELD HSIAN A IDENTIFICATION	CH	087542
384809N 1211540E	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	087759
384809N 1211540E	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	
384809N 1211540E	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT	CH	
384903N 1212937E	HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN	CH	087546
384903N 1212937E	HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN	CH	
384903N 1212937E	HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT	CH	087759
384903N 1212937E	HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT	CH	
385237N 1212927E	HSIAOPINGTAO SLBM SUPPORT FACILITY SLBM TRANS	CH	087635
385237N 1212927E	HSIAOPINGTAO SLBM SUPPORT FACILITY TEST ACT	CH	087759
385402N 1213425E	LUTA MACHINERY MANUFACTURING PLANT	CH	087515
385513N 1213440E	LUTA RAILROAD LOCOMOTIVE + CAR MFG + RPR PLT	CH	

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COORD	SUBJECT	COUN	ACCN NO.
383110N 1245100E	CHO DO COASTAL DEF CR MSL SITE CSSC-2 EQUIP	KN	≤087703
383225N 1250138E	PIPA GOT CD CR MSL SUPT/TRNG FAC CSSC-2 EQUIP	KN	
381410N 1260730E	NUCHON NI AIRFIELD PROB U/C	KN	≤087519
385145N 1275419E	KUUM NI AIRFIELD U/C	KN	
392847N 0542158E	NEBIT DAG AIRFIELD FLOGGER B/C MIG-23	UR	≤087891
394919N 1161126E	PEICHING LOCOMOTIVE + ROLLING STOCK PLANT	CH	≤087515
395110N 1161115E	CHANGHSINTIEN ROLLING STOCK MFG + REPAIR PLT	CH	
393615N 1181056E	TANGSHAN RAILROAD EQUIPMENT MFG + REPAIR PLT	CH	
390911N 1220453E	TENGSHAHO SSM FIELD TRAINING POSITION	CH	≤087583
391340N 1220321E	TENGSHAHO SSM GARRISON SUPPORT AREA	CH	
391506N 1220520E	TENGSHAHO SSM RTP PROB	CH	
391940N 1271810E	OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP	KN	≤087703
391940N 1271810E	OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP	KN	
394908N 1273558E	HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978	KN	≤087548
394908N 1273558E	HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978	KN	
405208N 0474913E	LYAKI PHASED-ARRAY RADAR FACILITY	UR	≤087584
405208N 0474913E	LYAKI PHASED-ARRAY RADAR FACILITY	UR	≤087558
400417N 1131458E	TATUNG LOCOMOTIVE + DIESEL ENGINE PLANT 616	CH	≤087515
401131N 1181107E	CHIUFENGJUN MRBM FIELD POSITION MSL HDLG EXER	CH	≤087722
402130N 1284300E	KUNSON AIRFIELD U/C	KN	≤087519
402530N 1282500E	NAMDAE CHON MILITARY CONSTRUCTION ACTIVITY	KN	≤087679
411802N 0691904E	TASHKENT AIRFRAME PLANT B CANDID BORT COUNT	UR	≤087889
411846N 0692331E	TASHKENT AIRFIELD CANDID IL-76 BORT COUNTS	UR	
412847N 0693427E	CHIRCHIK ARMY BKS AL6 T-64/T-72 TANK IDENT	UR	≤087699
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR	CH	≤087589
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2 LNCH STAND	CH	≤087590

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COORD	SUBJECT	COUN	ACCN NO.
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2	CH	S087596
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR	CH	S087588
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2 MENSURATION	CH	S087578
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2 LAUNCH PREP	CH	S087690
414912N 1232230E	SHENYANG RAILROAD CAR MFG + RPR PLANT HUANGKU	CH	S087515
415208N 1232600E	SHENYANG AIRFRAME PLANT 112 HSIAN A	CH	S087694
415208N 1232600E	SHENYANG AIRFRAME PLANT 112 FLOGGER MIG-23	CH	S087693
421810N 0231200E	STANKE DIMITROV MILITARY TRAINING AREA	BU	S088059
420737N 0250322E	POPOVITSA AMMUNITION DEPOT SOUTH 501	BU	S088031
423842N 0262132E	SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT	BU	S087887
423842N 0262132E	SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT	BU	
424758N 0470619E	BUYNASK AMMUNITION STORAGE DEPOT DA1	UR	S087957
425934N 0713903E	DZHAMBUL AMMUNITION DEPOT	UR	S088101
434600N 0443400E	MOZDOK AIRFIELD LRA BOMB CORP REGIMENT HQ BKR	UR	S087644
434646N 0443554E	MOZDOK AIRFIELD PETROLEUM PRODUCTS STORAGE 1	UR	
434638N 0443726E	MOZDOK ASM SUPPORT FACILITY	UR	
434715N 0443600E	MOZDOK AIRFIELD GCA SITE	UR	
434715N 0443601E	MOZDOK AIRFIELD	UR	
434345N 1253205E	CHANGCHUN SSM/SPACE TRACKING FACILITY	CH	S086958
435420N 1251741E	CHANGCHUN RAILROAD CAR MANUFACTURING PLANT	CH	S087515
435939N 1454752E	KUNASHIR GEOTHERMAL POWER STATION	UR	S087560

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COORD	SUBJECT	COUN	ACCN NO.
445630N 0201500E	BATAJNICA AIRFIELD RSBK-4N ILS	YO	S087888
443352N 0332500E	SEVASTOPOL NAVAL INFANTRY INSTALLATION	UR	S087564
443401N 0332958E	NIKOLAYEVKA NAVAL XMTR/DF FAC STOVEPIPE/R-378	UR	S087563
443902N 0333657E	SEVASTOPOL NAVAL AMMUNITION STORAGE NE	UR	S087368
4455 N 03800 E	KRASNOGAR BOMBING RANGE SEARCH	UR	S088018
441325N 0430506E	MINERALNYE VODY AIRFIELD ATC RADAR FACILITY	UR	S087725
441512N 0460511E	KARANOGAYSKIY BOMBING RANGE	UR	S088019
442145N 1312710E	BARANO ORENBURGSKOYE ARMY BKS AL1 MRD RELOC	UR	S087553
440739N 1331649E	ARSENIEV ARMY BARRACKS AL1	UR	S088103
441050N 1332103E	ARSENIEV MILITARY STORAGE DEPOT DX1	UR	S087892
441208N 1330920E	CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE	UR	S088034
441208N 1330920E	CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE	UR	
454729N 0344335E	DZHANKOY BOMBING RANGE	UR	S087959
450711N 0352953E	FEODOSIYA SHIPYARD YUZNAYA YUZH A CLASS PGHB	UR	S087707
452630N 0360910E	KERCH/BAGEROVO BOMBING RANGE	UR	S088035
455653N 0633915E	TYURATAM MTC ICBM SITE Y	UR	S087702

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455200N 0733100E	SARY SHAGAN MTC R+D COMPLEX FAC A NORTH BLDG	UR	S087749
454551N 1263545E	HAERHPIN RAILROAD LOCOMOTIVE + CAR MFG PLANT	CH	S087515
454840N 1343910E	BOGOSLAVETS BOMBING RANGE/SIMULATED AFLD SRCH	UR	S087372

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COORD	SUBJECT	COUN	ACCN NO.
465840N 0320019E	NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	≤087700
465840N 0320019E	NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	≤087538
460308N 0625915E	TYURATAM MTC ICBM SITE S9 SS-19 LNCH EVIDENCE	UR	≤087685
460021N 0631833E	TYURATAM MTC SPACE SITE W	UR	≤087702
460214N 0630212E	TYURATAM MTC SPACE SITE U1/2 SL-12 LNCH PREPS	UR	≤087691
460302N 0631351E	TYURATAM AIRFIELD 3	UR	≤087702
460106N 0722804E	SARY SHAGAN MTC COMPLEX B ABM SILOS U/C	UR	≤087753
462629N 0725108E	SARY SHAGAN MTC COMPLEX F ABM SILOS U/C	UR	
460010N 0733859E	SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	≤087584
460010N 0733859E	SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	≤087449
463600N 0743000E	SARY SHAGAN MTC PHASED-ARRAY RADAR FAC NORTH	UR	≤087584
462100N 1025000E	ARVAYHEER HELIPORT	MG	≤087954
462200N 1024800E	ARVAYHEER ARMY BARRACKS AL1	MG	≤088104
4637 N 14245 E	KORSAKOV BOMBING RANGE SEARCH	UR	≤088017
471835N 0194640E	TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	≤087655
471835N 0194640E	TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	
472324N 0204659E	KUNMADARAS AIRFIELD FLAT FACE B RADAR IDENT	HU	≤087886
475640N 0293605E	BALTA ARMY BARRACKS AL1	UR	≤087958
471516N 0394318E	ROSTOV AIRFRAME PLANT 168 CONSTRUCTION ACT	UR	≤087709
472912N 1071909E	NALAYH AMMUNITION STORAGE DEPOT	MG	≤087899
472050N 1240046E	CHICHIHAERH RAILROAD LOCOMOTIVE + CAR MFG PLT	CH	≤087515

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COORD	SUBJECT	COUN	ACCN NO.
482601N 0345828E	DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	5087496
4834 N 03920 E	LUGANSK BOMBING RANGE SEARCH	UR	5088058
484130N 0454330E	KAPUSTIN YAR MTC ELCT TEST FAC GER-EL-01 RDR	UR	5087554
484704N 0454845E	KAPUSTIN YAR MTC SAM R+D AREA D SA-X-10 ACT	UR	5087557
485020N 0455440E	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	5087537
485020N 0455440E	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	
485020N 0455440E	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	5087573
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM U/I	UR	5087572
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	5087573
484116N 0461648E	KAPUSTIN YAR MTC SRBM CPLX A SITE 1 KY-A-01	UR	5087630
483800N 0580300E	EMBA MTC SA-X-11 FIELD EXERCISE IDENTIFIED	UR	5087658
483800N 0580300E	EMBA MTC EM-EL-6 RADAR	UR	5087726
494512N 0125912E	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	5087641
494512N 0125912E	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	
495812N 0123019E	DYLEN TILLENBERG SIGINT FACILITY RAMONA M	CZ	5087366
495810N 0124010E	MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	5087641
495810N 0124010E	MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	
491524N 0172413E	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	5087641
491524N 0172413E	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	
490610N 0283945E	VORONOVITSA GCC RELOCATION SITE BUNKERED	UR	5087494
4926 N 03204 E	CHERKASSY BOMBING RANGE/SIMULATED AFLD SRCH	UR	5087901
493620N 0343158E	POLTAVA SIGNAL EQUIPMENT STGE + RPR DPO DS1	UR	5088056

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COORD	SUBJECT	COUN	ACCN NO.
465840N 0320019E	NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	≤087700
465840N 0320019E	NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER	UR	≤087538
460308N 0625915E	TYURATAM MTC ICBM SITE S9 SS-19 LNCH EVIDENCE	UR	≤087685
460021N 0631833E	TYURATAM MTC SPACE SITE W	UR	≤087702
460214N 0630212E	TYURATAM MTC SPACE SITE U1/2 SL-12 LNCH PREPS	UR	≤087691
460302N 0631351E	TYURATAM AIRFIELD 3	UR	≤087702
460106N 0722804E	SARY SHAGAN MTC COMPLEX B ABM SILOS U/C	UR	≤087753
462629N 0725108E	SARY SHAGAN MTC COMPLEX F ABM SILOS U/C	UR	
460010N 0733859E	SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	≤087584
460010N 0733859E	SARY SHAGAN MTC R+D RADAR FACILITY 1	UR	≤087449
463600N 0743000E	SARY SHAGAN MTC PHASED-ARRAY RADAR FAC NORTH	UR	≤087584
462100N 1025000E	ARVAYHEER HELIPORT	MG	≤087954
462200N 1024800E	ARVAYHEER ARMY BARRACKS AL1	MG	≤088104
4637 N 14245 E	KORSAKOV BOMBING RANGE SEARCH	UR	≤088017
471835N 0194640E	TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	≤087655
471835N 0194640E	TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED	HU	
472324N 0204659E	KUNMADARAS AIRFIELD FLAT FACE B RADAR IDENT	HU	≤087886
475640N 0293605E	BALTA ARMY BARRACKS AL1	UR	≤087958
471516N 0394318E	ROSTOV AIRFRAME PLANT 168 CONSTRUCTION ACT	UR	≤087709
472912N 1071909E	NALAYH AMMUNITION STORAGE DEPOT	MG	≤087899
472050N 1240046E	CHICHIHAERH RAILROAD LOCOMOTIVE + CAR MFG PLT	CH	≤087515

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COORD	SUBJECT	COUN	ACCN NO.
482601N 0345828E	DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	5087496
4834 N 03920 E	LUGANSK BOMBING RANGE SEARCH	UR	5088058
484130N 0454330E	KAPUSTIN YAR MTC ELCT TEST FAC GER-EL-01 RDR	UR	5087554
484704N 0454845E	KAPUSTIN YAR MTC SAM R+D AREA D SA-X-10 ACT	UR	5087557
485020N 0455440E	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	5087537
485020N 0455440E	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	
485020N 0455440E	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF	UR	
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	5087573
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM U/I	UR	5087572
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM	UR	5087573
484116N 0461648E	KAPUSTIN YAR MTC SRBM CPLX A SITE 1 KY-A-01	UR	5087630
483800N 0580300E	EMBA MTC SA-X-11 FIELD EXERCISE IDENTIFIED	UR	5087658
483800N 0580300E	EMBA MTC EM-EL-6 RADAR	UR	5087726
494512N 0125912E	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	5087641
494512N 0125912E	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS	CZ	
495812N 0123019E	DYLEN TILLENBERG SIGINT FACILITY RAMONA M	CZ	5087366
495810N 0124010E	MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	5087641
495810N 0124010E	MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS	CZ	
491524N 0172413E	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	5087641
491524N 0172413E	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS	CZ	
490610N 0283945E	VORONOVITSA GCC RELOCATION SITE BUNKERED	UR	5087494
4926 N 03204 E	CHERKASSY BOMBING RANGE/SIMULATED AFLD SRCH	UR	5087901
493620N 0343158E	POLTAVA SIGNAL EQUIPMENT STGE + RPR DPO DS1	UR	5088056

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COORD	SUBJECT	COUN	ACCN NO.
491759N 0811944E	ZHANGIZTOBE ICBM COMPLEX SILO DEPLOYMENT	UR	S087606
491755N 1352708E	LITOVKO BOMBING RANGE	UR	S088039
490200N 1401755E	SOVETSKAYA GAVAN NAVAL FACIL BUKHTA SEVERNAYA	UR	S087668
503850N 0144720E	MIMON MILITARY TRNG AREA 421 BRDM-2 SPANDREL	CZ	S087657
502042N 0305338E	KIYEV/BORISPOL AIRFIELD AIR TRAFFIC CNTL RDR	UR	S087725
502745N 0302354E	KIYEV ORDNANCE DEPOT WEST DO3	UR	S088021
502950N 0304430E	BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS	UR	S088055
503214N 0791138E	DOLON AIRFIELD	UR	S087369
503755N 0792125E	DOLON COMMAND CONTROL FACILITY BUNKERED U/I	UR	S087494
505413N 1282858E	BELOGORSK MILITARY BKS AL1 + HQ MRD SP GUN BN	UR	S087639
503232N 1370248E	KOMSOMOLSK SHIPYARD AMUR V-3 CL SSN LNCH PREP	UR	S087543
503232N 1370248E	KOMSOMOLSK SHIPYARD AMUR 199 I CL SSAG LAUNCH	UR	S087680
5035 N 13702 E	KOMSOMOLSK NA AMURE BOMBING RANGE SRCH	UR	S088014

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COORD	SUBJECT	COUN	ACCN NO.
512100N 0250900E	KOVEL BOMBING RANGE	UR	S088102
512948N 0455703E	SARATOV AIRFRAME PLANT 292 HIP MI-8 FUSELAGE	UR	S087710
513330N 0462100E	ENGELS RADCOM COMMAND POST BUNKERED HARD	UR	S087494
513200N 0545640E	DONGUZ ARTILLERY TEST AREA T-72 TANK	UR	S088036
514818N 0550738E	ORENBURG GUIDED MISSILE PLANT SS-18 CAN SECT	UR	S087682
510746N 0600957E	DOMBAROVSKIY ICBM COMPLEX SILO DEPLOYMENT	UR	S087605
511641N 0655550E	IMENI GASTELLO ICBM COMPLEX SILO DEPLOYMENT	UR	S087603
515223N 1075650E	ULAN UDE ESV TRACKING FACILITY T-SHAPED BLDG	UR	S087585
512745N 1564740E	OZERNOVSKIY GEOTHERMAL POWER PLANT PAUZHETKA	UR	S087560

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25X1

COORD

SUBJECT

COUN

ACCN NO.

25X1

523600N 0242345E	PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT	UR	S087535
523600N 0242345E	PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT	UR	
522244N 0304453E	GOMEL AMMUNITION DEPOT SW DA1	UR	S087956
522511N 0305735E	GOMEL AVTOKOLONNA 2443	UR	S088063
525311N 0603417E	KARTALY SSM COMPLEX SILO DEPLOYMENT	UR	S087600
5238 N 07025 E	MAKINSK RADIO RELAY STATION NEW SEARCH	UR	S088092
522845N 0830520E	ALEYSK ICBM COMPLEX SILO DEPLOYMENT	UR	S087604
523119N 0850154E	BIYSK SOLID MOTOR TEST AREA 2 SEGMENTED MOTOR	UR	S087701
522332N 1042219E	IRKUTSK COMSAT STATION NNE	UR	S087586
522328N 1042259E	IRKUTSK RADCOM RECEIVER STATION NNE BUNKER	UR	
522343N 1042240E	IRKUTSK COMSAT STATION NORTH	UR	
525430N 1573000E	APACHA GEOTHERMAL POWER PLANT BOLSHE BANNAYA	UR	S087560
525745N 1581500E	PARATUNKA GEOTHERMAL POWER PLANT	UR	
530200N 0273520E	SLUTSK ENGINEER REPAIR FACILITY	UR	S087893
530308N 0285951E	BOBRUYSK COMMAND CONTROL FACILITY BKR U/I	UR	S087494
530920N 0302650E	DOVSK RADIO RELAY STATION	UR	S088091
533215N 0495116E	KURUMUCH ROCKET ENGINE TEST FACILITY	UR	S087561

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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25X1

COORD	SUBJECT	COUN	ACCN NO.
533215N 0495116E	KURUMOCH ROCKET ENG TEST FAC ACOUSTICAL TEST	UR	S087559
531300N 0501814E	KUYBYSHEV AIRFRAME PLANT LENIN 18 STOL DEV	UR	S087619
531315N 0501804E	KUYBYSHEV AEROSPACE PRODUCTION PLANT 1	UR	S087561
531300N 0501814E	KUYBYSHEV AIRFRAME PLANT 18 CARELESS TU-154	UR	S087621
531300N 0501814E	KUYBYSHEV AIRFRAME PLANT CARELESS BORT CNTS	UR	S087890
531518N 1590837E	AVACHINSKAYA GEOTHERMAL POWER STATION	UR	S087560

25X1

544137N 0202616E	KALININGRAD SHIPYARD STATE 820 820D NAVAL AUX	UR	S087633
544251N 0203222E	KALININGRAD AVTOKOLONNA 1114	UR	S088068
544356N 0203018E	KALININGRAD AVTOKOLONNA 1115	UR	S088060
544435N 0202848E	KALININGRAD AVTOKOLONNA 1703	UR	S088064
543824N 0214808E	CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET	UR	S088037
543824N 0214808E	CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET	UR	
543927N 0315810E	SMOLENSK COMMAND CONTROL FACILITY BKR U/I	UR	S087494
540940N 0373636E	TULA MILITARY BARRACKS U/I	UR	S088041
545418N 0390130E	LUKHOVITSY AIRFIELD	UR	S087643
545455N 0390220E	LUKHOVITSY AIRFRAME PLANT	UR	
541227N 0451005E	SARANSK MOTOR VEHICLE PLANT	UR	S087666
550508N 0215149E	SOVETSK ARMY BKS AL2/HQ TANK DIV BMP VARIANT	UR	S087897
550721N 0265305E	POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP	UR	S087549
550721N 0265305E	POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP	UR	
552751N 0371612E	KRASNAYA PAKHRA MESON FACILITY U/C	UR	S087364
553529N 0371543E	MOSKVA/VNUKOVO AIRFIELD AIR TRAFFIC CNTL RDR	UR	S087725

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
554000N 0375600E	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	S087625
554000N 0375600E	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	
554530N 0372928E	MOSKVA MISSILE PRODUCTION PLANT FILI 23	UR	S087561
554530N 0372928E	MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB	UR	S087497
554703N 0373249E	MOSKVA AIRFRAME PLANT 30	UR	S087642
554846N 0373034E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	S087591
554817N 0373126E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	S087577
554817N 0373126E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	S087602
555130N 0373630E	MOSKVA SCIENTIFIC RESEARCH INST MACHINE BLDG	UR	S086949
555350N 0372556E	MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301	UR	S087561
555350N 0372556E	MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301	UR	S086948
555420N 0372651E	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	S087561
555420N 0372651E	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	
555420N 0372651E	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	S086954
555420N 0372651E	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456	UR	
555444N 0372701E	MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293	UR	S087498
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	S087561
555517N 0374805E	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	S087587
555517N 0374805E	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	S087579
555517N 0374805E	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	S087581
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	
555517N 0374805E	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR	UR	S087587
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	S087592

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25X1

COORD	SUBJECT	COUN	ACCN NO.
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	S087561
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88	UR	S087592
555826N 0372448E	MOSKVA/SHEREMETYEVO AIRFIELD ATC RADAR FACIL	UR	S087725
551339N 0384626E	PESKI RADIO RELAY STATION	UR	S088093
552746N 0383143E	FAUSTOVO AEROSPACE R+D FACILITY	UR	S087561
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER FORGER V/STOL	UR	S087580
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER AIRCRAFT MOCKUP	UR	S087638
553418N 0380923E	RAMENSKOYE FLIGHT TEST CTR BISON B DISMANTLED	UR	S087656
553555N 0381635E	RAMENSKOYE CAPSULE TUBE R+D CENTER TRANSP SYS	UR	S087756

25X1

555140N 0490700E	KAZAN AIRFRAME PLANT 22 BACKFIRE SHPG CONTS	UR	S087622
554130N 0522730E	NABEREZHNYE CHELNY MOTOR VEH PLT KAMA RIVER	UR	S087751
5510 N 05600 E	BALTIC WATER RANGE CPLX BOMB RANGE/AFLD SRCH	UR	S087894
553310N 0650634E	PROSVET AMMUNITION DEPOT SE DA1	UR	S088062

25X1

551736N 0900138E	UZHUR ICBM COMPLEX SILO DEPLOYMENT	UR	S087601
5631 N 02101 E	LIEPAJA BOMBING RANGE SEARCH	UR	S088032
564521N 0370700E	IVANKOVSKIY GUIDED MISSILE PLANT	UR	S087499

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
561630N 0381400E	ZAGORSK MILITARY DEPOT DX1	UR	S088067
562544N 0381055E	ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK	UR	S087561
562710N 0380435E	ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER	UR	
562710N 0380435E	ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER	UR	
564833N 0401006E	TEYKOV0 SSM COMPLEX POSITION 5 CONST ACT U/I	UR	S087555
561916N 0435100E	GORIKY AIRFRAME PLANT ORDZHONIKIDZE 21	UR	S087640
562633N 0474100E	YOSHKAR OLA BOMBING RANGE	UR	S087955
570840N 0242430E	RIGA MILITARY TRNG AREA 1 PONT00N FERRY EXER	UR	S087895
575540N 0600540E	NIZHNIY TAGIL RR CAR MFG PLT TRACKED CHASSIS	UR	S087758
580822N 0301914E	SOLTSY AIRFIELD BACKFIRE PREFLIGHT ACTIVITY	UR	S087556
580819N 0302058E	SOLTSY ASM SUPPORT FACILITY AS-4 ACTIVITY	UR	
5817 N 03045 E	SOLTSY BOMBING RANGE SEARCH	UR	S088061
580913N 0523905E	GLAZOV URANIUM METALS PLANT 544 CONST NEW	UR	S087714
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	S087561
5930 N 02825 E	NARVA BOMBING RANGE SEARCH	UR	S088057
5943 N 02805 E	LIPOVO BOMBING RANGE SEARCH	UR	S088033
5943 N 02805 E	LOVOZERO BOMBING RANGE SEARCH	UR	S088040
595233N 0301406E	LENINGRAD SHIPYARD ZHDANOV 190 YARD FACS NEW	UR	S087716
595721N 0301520E	LENINGRAD BOATYARD DEKABRISTOV DEKA A CL SFS	UR	S087706
591054N 0352005E	CHAGODA RADIO RELAY STATION	UR	S088054
5924 N 03645 E	BABAYEVO BOMBING RANGE SEARCH	UR	S087896

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COORD	SUBJECT	COUN	ACCN NO.
601250N 0304218E	LENINGRAD SOLID MOTOR TEST FACILITY 2	UR	S087660
601530N 0304441E	LENINGRAD SOLID MOTOR TEST FACILITY 3	UR	
643438N 0394832E	SEVERODVINSK SHIPYARD CONST HALL/LAUNCH BASIN	UR	S087755
643835N 0391220E	NENOKSA NAVAL MTC LAUNCH FAC B STRUCTURE U/I	UR	S087536
651238N 0571722E	PECHORA PHASED-ARRAY RADAR FACILITY	UR	S087558
651238N 0571722E	PECHORA PHASED-ARRAY RADAR FACILITY	UR	S087584
674858N 0403219E	LUMBOVKA ASM/BOMBING RANGE PROB	UR	S088066
674858N 0403219E	LUMBOVKA ASM/BOMBING RANGE PROB	UR	
6846 N 03235 E	ZUBOVKA BOMBING RANGE SEARCH	UR	S088065
680650N 0335434E	OLENEGORSK HEN HOUSE ABM RADAR FACILITY	UR	S087584
680420N 0392824E	GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	S087367
680420N 0392824E	GREMIKHA NAVAL BASE + SHIP REPAIR YARD	UR	
6920 N 03412 E	KILDIN OSTROV BOMBING RANGE SEARCH	UR	S088015
7530 N 06345 E	BLAGOPOLUCHIYA BOMBING RANGE SEARCH	UR	S088020
200040N 0753735W	SANTIAGO DE CUBA OPTICAL SATELLITE TRKG FAC	CU	S086307
215520N 0842845W	PINA DEL RIO OPTICAL SATELLITE TRACKING FAC	CU	
220315N 0802640W	PUNTA MOVIDA NAVAL FACILITY PROB CONST ACT	CU	S087518
2810 N 0745 W	TINDOUF MECHANIZED INFANTRY BRIGADE ARRIVAL	AG	S087732
122600S 0253910E	SHILENDA ZAPU MILITARY CAMP AIRSTRIKE IDENT	ZA	S087697
143916S 0284853E	MULUNGUSHI MILITARY INSTALLATION BLDGS DAMAGE	ZA	S087544
153055S 0283607E	LUSAKA ARMY BARRACKS SE TYPE-59 TK/ARV IDENT	ZA	S087634
175200S 0155900E	ONDANGUA MILITARY CAMP EAST	WA	S087665

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COORD	SUBJECT	COUN	ACCN NO.
175330S 0155703E	ONDANGUA MILITARY STORAGE FACILITY	WA	
175300S 0155800E	ONDANGUA AIRFIELD	WA	
175419S 0155947E	ONDANGUA MILITARY CAMP SOUTH	WA	
172931S 0161929E	ENANA AIRFIELD MILITARY ACTIVITY INCREASE	WA	S087547
172931S 0161929E	ENANA AIRFIELD MILITARY ACTIVITY INCREASE	WA	
191635S 0341206E	VILA MACHADO MILITARY INSTALLATION ARMOR DPL	MZ	S087681
254700S 0275400E	PELINDABA NATIONAL RESEARCH CTR HE TEST SITE	SF	S087713
2246 S 04256 W	MARAMBAIA MILITARY PROVING GROUNDS	BR	S087727
223414S 0431131W	INHOMIRIM EXPLOSIVES PLANT ESTRELA	BR	
223654S 0451237W	PITQUETE EXPLOSIVES PLANT VARGAS	BR	
343000S 0583400W	BOULOGNE TANK ASSEMBLY PLANT	AR	S087696

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PART V

Listing of Reports by WAC/BE Number

TOP SECRET CHESS RUFF

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WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

OLENEGORSK HEN HOUSE ABM RADAR FACILITY

680650N 0335434E

UR

S087584

GREMIKHA NAVAL BASE + SHIP REPAIR YARD

680420N 0392824E

UR

S087367

GREMIKHA NAVAL BASE + SHIP REPAIR YARD

680420N 0392824E

UR

LUMBOVKA ASM/BOMBING RANGE PROB

674858N 0403219E

UR

S088066

LUMBOVKA ASM/BOMBING RANGE PROB

674858N 0403219E

UR

SEVERODVINSK SHIPYARD CONST HALL/LAUNCH BASIN

643438N 0394832E

UR

S087755

NENOKSA NAVAL MTC LAUNCH FAC B STRUCTURE U/I

643835N 0391220E

UR

S087536

PECHORA PHASED-ARRAY RADAR FACILITY

651238N 0571722E

UR

S087558

PECHORA PHASED-ARRAY RADAR FACILITY

651238N 0571722E

UR

S087584

LENINGRAD SOLID MOTOR TEST FACILITY 2

601250N 0304218E

UR

S087660

LENINGRAD SOLID MOTOR TEST FACILITY 3

601530N 0304441E

UR

LENINGRAD SHIPYARD ZHDANOV 190 YARD FACS NEW

595233N 0301406E

UR

S087716

RIGA MILITARY TRNG AREA 1 PONTOON FERRY EXER

570840N 0242430E

UR

S087895

SOLTSY ASM SUPPORT FACILITY AS-4 ACTIVITY

580819N 0302058E

UR

S087556

LENINGRAD BOATYARD DEKABRISTOV DEKA A CL SES

595721N 0301520E

UR

S087706

SOLTSY AIRFIELD BACKFIRE PREFLIGHT ACTIVITY

580822N 0301914E

UR

S087556

CHAGODA RADIO RELAY STATION

591054N 0352005E

UR

S088054

GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21

561916N 0435100E

UR

S087640

IVANKOVSKIY GUIDED MISSILE PLANT

564521N 0370700E

UR

S087499

ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK

562544N 0381055E

UR

S087561

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SURJECT	IDHS CODE	COORD	COUN	ACCN NO.
TEYKOVO SSM COMPLEX POSITION 5 CONST ACT U/I		564833N 0401006E	UR	S087555
ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER		562710N 0380435E	UR	S087561
ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER		562710N 0380435E	UR	
ZAGORSK MILITARY DEPOT DX1		561630N 0381400E	UR	S088067
YOSHKAR OLA BOMBING RANGE		562633N 0474100E	UR	S087955
NIZHNIY TAGIL RR CAR MFG PLT TRACKED CHASSIS		575540N 0600540E	UR	S087758
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY		580930N 0605602E	UR	S087561
BIYSK SOLID MOTOR TEST AREA 2 SEGMENTED MOTOR		523119N 0850154E	UR	S087701
UZHUR ICBM COMPLEX SILO DEPLOYMENT		551736N 0900138E	UR	S087601
ALEYSK ICBM COMPLEX SILO DEPLOYMENT		522845N 0830520E	UR	S087604
PROSVET AMMUNITION DEPOT SE DA1		553310N 0650634E	UR	S088062
KARTALY SSM COMPLEX SILO DEPLOYMENT		525311N 0603417E	UR	S087600
KAZAN AIRFRAME PLANT 22 BACKFIRE SHPG CONTS		555140N 0490700E	UR	S087622
KUYBYSHEV AIRFRAME PLANT CARELESS BORT CNTS		531300N 0501814E	UR	S087890
KUYBYSHEV AIRFRAME PLANT 18 CARELESS TU-154		531300N 0501814E	UR	S087621
KUYBYSHEV AIRFRAME PLANT LENIN 18 STOL DEV		531300N 0501814E	UR	S087619
KUYBYSHEV AEROSPACE PRODUCTION PLANT 1		531315N 0501804E	UR	S087561
KURUMOCH ROCKET ENGINE TEST FACILITY		533215N 0495116E	UR	
KURUMOCH ROCKET ENG TEST FAC ACOUSTICAL TEST		533215N 0495116E	UR	S087559

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	NABEREZHNYE CHELNY MOTOR VEH PLT KAMA RIVER		554130N 0522730E	UR	S087751
	SARANSK MOTOR VEHICLE PLANT		541227N 0451005E	UR	S087666
	LUKHOVITSY AIRFRAME PLANT		545455N 0390220E	UR	S087643
	LUKHOVITSY AIRFIELD		545418N 0390130E	UR	
	PESKI RADIO RELAY STATION		551339N 0384626E	UR	S088093
	KRASNAYA PAKHRA MESON FACILITY U/C		552751N 0371612E	UR	S087364
	RAMENSKOYE CAPSULE TUBE R+D CENTER TRANSP SYS		553555N 0381635E	UR	S087756
	MOSKVA SCIENTIFIC RESEARCH INST MACHINE BLDG		555130N 0373630E	UR	S086949
	MOSKVA MISSILE PRODUCTION PLANT FILI 23		554530N 0372928E	UR	S087561
	MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB		554530N 0372928E	UR	S087497
	MOSKVA AIRFRAME PLANT 30		554703N 0373249E	UR	S087642
	MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301		555350N 0372556E	UR	S086948
	MOSKVA GUIDED MISSILE R+D PLANT KHIMKI 301		555350N 0372556E	UR	S087561
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S087591
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115		554817N 0373126E	UR	S087577
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115		554817N 0373126E	UR	S087602
	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456		555420N 0372651E	UR	S086954
	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456		555420N 0372651E	UR	
	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456		555420N 0372651E	UR	S087561
	MOSKVA MISSILE/SPACE PRPLN DEV CTR KHIMKI 456		555420N 0372651E	UR	

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88		555517N 0374805E	UR	S087592
	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR		555517N 0374805E	UR	S087587
	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR		555517N 0374805E	UR	S087579
	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR		555517N 0374805E	UR	
	MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR		555517N 0374805E	UR	S087587
	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88		555517N 0374805E	UR	S087592
	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88		555517N 0374805E	UR	S087581
	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	S087561
	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	
	MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88		555517N 0374805E	UR	S087581
	MOSKVA GUIDED MISSILE R+D/PROD PLT KHIKMI 293		555444N 0372701E	UR	S087498
	RAMENSKOYE FLIGHT TEST CENTER AIRCRAFT MOCKUP		553418N 0380923E	UR	S087638
	RAMENSKOYE FLIGHT TEST CTR BISON B DISMANTLED		553418N 0380923E	UR	S087656
	RAMENSKOYE FLIGHT TEST CENTER FORGER V/STOL		553418N 0380923E	UR	S087580
	GOMEL AMMUNITION DEPOT SW DA1		522244N 0304453E	UR	S087956
	FAUSTOVO AEROSPACE R+D FACILITY		552746N 0383143E	UR	S087561
	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI		554000N 0375600E	UR	S087625
	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI		554000N 0375600E	UR	
	GOMEL AVTOKOLONNA 2443		522511N 0305735E	UR	S088063
	DOVSK RADIO RELAY STATION		530920N 0302650E	UR	S088091
	SMOLENSK COMMAND CONTROL FACILITY BKR U/I		543927N 0315810E	UR	S087494
	MOSKVA/VNUKOVO AIRFIELD AIR TRAFFIC CNTL RDR		553529N 0371543E	UR	S087725
	MOSKVA/SHEREMETYEVO AIRFIELD ATC RADAR FACIL		555826N 0372448E	UR	
	PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT		523600N 0242345E	UR	S087535

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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.

PRUZHANY ARMY BARRACKS ADV-1 RPV IDENT

523600N 0242345E

UR

SOVETSK ARMY BKS AL2/HQ TANK DIV BMP VARIANT

550508N 0215149E

UR

S087897

CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET
CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET543824N 0214808E
543824N 0214808EUR
UR

S088037

POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP
POSTAVY SSM TRAINING FACILITY SS-16/20 EQUIP550721N 0265305E
550721N 0265305EUR
UR

S087549

SLUTSK ENGINEER REPAIR FACILITY

530200N 0273520E

UR

S087893

BOBRUYSK COMMAND CONTROL FACILITY BKR U/I

530308N 0285951E

UR

S087494

KALININGRAD SHIPYARD STATE 820 820D NAVAL AUX

544137N 0202616E

UR

S087633

25X1

25X1

KALININGRAD AVTOKOLONNA 1115

544356N 0203018E

UR

S088060

KALININGRAD AVTOKOLONNA 1114

544251N 0203222E

UR

S088068

KALININGRAD AVTOKOLONNA 1703

544435N 0202848E

UR

S088064

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	AVACHINSKAYA GEOTHERMAL POWER STATION APACHA GEOTHERMAL POWER PLANT BOLSHIY BANNAYA PARATUNKA GEOTHERMAL POWER PLANT		531518N 1590837E 525430N 1573000E 525745N 1581500E	UR UR UR	S087560
	IRKUTSK COMSAT STATION NNE IRKUTSK RADCOM RECEIVER STATION NNE BUNKER IRKUTSK COMSAT STATION NORTH		522332N 1042219E 522328N 1042259E 522343N 1042240E	UR UR UR	S087586
	ULAN UDE ESV TRACKING FACILITY T-SHAPED BLDG		515223N 1075650E	UR	S087585
	BELOGORSK MILITARY BKS AL1 + HQ MRD SP GUN BN		505413N 1282858E	UR	S087639
	KOMSOMOLSK SHIPYARD AMUR 199 I CL SSAG LAUNCH		503232N 1370248E	UR	S087680
	KOMSOMOLSK SHIPYARD AMUR V-3 CL SSN LNCH PREP		503232N 1370248E	UR	S087543
	SOVETSKAYA GAVAN NAVAL FACIL BUKHTA SEVERNAYA		490200N 1401755E	UP	S087668
	OZERNOVSKIY GEOTHERMAL POWER PLANT PAUZHETKA		512745N 1564740E	UR	S087560
	DYLEN TILLENBERG SIGINT FACILITY RAMONA M		495812N 0123019E	CZ	S087366
	STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS STRIBRO ARMY BKS WEST 1 SAM STGE/SUPT POSS MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS MARIANSKE LAZNE ARMY BKS 5 SAM STGE/SUPT POSS		494512N 0125912E 494512N 0125912E 495810N 0124010E 495810N 0124010E	CZ CZ CZ CZ	S087641
	MIMON MILITARY TRNG AREA 421 BRDM-2 SPANDREL		503850N 0144720E	CZ	S087657

82
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS		491524N 0172413E	CZ	S087641
	KROMERIZ SAM TRAINING SITE SAM STGE/SUPT POSS		491524N 0172413E	CZ	
	KIYEV ORDNANCE DEPOT WEST D03		502745N 0302354E	UR	S088021
	BROVARY ARMY BARRACKS ALI RIVER CROSSING VEHS		502950N 0304430E	UR	S088055
	KOVEL BOMBING RANGE		512100N 0250900E	UR	S088102
	VORONOVITSA GCC RELOCATION SITE BUNKERED		490610N 0283945E	UR	S087494
	KIYEV/BORISPOL AIRFIELD AIR TRAFFIC CNTL RDR		502042N 0305338E	UR	S087725
	DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR		482601N 0345828E	UR	S087496
	POLTAVA SIGNAL EQUIPMENT STGE + RPR DPO DS1		493620N 0343158E	UR	S088056
	ENGELS RADCOM COMMAND POST BUNKERED HARD		513330N 0462100E	UR	S087494
	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF		485020N 0455440E	UR	S087537
	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF		485020N 0455440E	UR	
	KAPUSTIN YAR MTC SS-20 TRNG SS-16/20 EQUIP CF		485020N 0455440E	UR	
	KAPUSTIN YAR MTC ELCT TEST FAC GER-EL-01 RDR		484130N 0454330E	UR	S087554
	SARATOV AIRFRAME PLANT 292 HIP MI-8 FUSELAGE		512948N 0455703E	UR	S087710
	KAPUSTIN YAR MTC SAM R+D AREA D SA-X-10 ACT		484704N 0454845E	UR	S087557
	KAPUSTIN YAR MTC SRBM CPLX A SITE 1 KY-A-01		484116N 0461648E	UR	S087630
	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM U/I		481838N 0461424E	UR	S087572
	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM		481838N 0461424E	UR	S087573
	AKHTUBINSK/VLADIMIROVKA AIRFIELD TASM/AAM		481838N 0461424E	UR	
	ORENBURG GUIDED MISSILE PLANT SS-18 CAN SECT		514818N 0550738E	UR	S087682
	EMBA MTC EM-EL-6 RADAR		483800N 0580300E	UR	S087726

25X15X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

EMBA MTC SA-X-11 FIELD EXERCISE IDENTIFIED

483800N 0580300E UR S087658

DONGUZ ARTILLERY TEST AREA T-72 TANK

513200N 0545640E UR S088036

DOMBAROVSKIY ICBM COMPLEX SILO DEPLOYMENT

510746N 0600957E UR S087605

IMENI GASTELLO ICBM COMPLEX SILO DEPLOYMENT

511641N 0655550E UR S087603

25X1
25X1

25X1

DOLON COMMAND CONTROL FACILITY BUNKERED U/I

503755N 0792125E UR S087494

DOLON AIRFIELD

503214N 0791138E UR S087369

ZHANGIZTOBE ICBM COMPLEX SILO DEPLOYMENT

491759N 0811944E UR S087606

SARY SHAGAN MTC R+D COMPLEX FAC A NORTH BLDG

455200N 0733100E UR S087749

25X1

SARY SHAGAN MTC PHASED-ARRAY RADAR FAC NORTH

463600N 0743000E UR S087584

SARY SHAGAN MTC COMPLEX B ABM SILOS U/C

460106N 0722804E UR S087753

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

SARY SHAGAN MTC R+D RADAR FACILITY 1

460010N 0733859E UR S087584

SARY SHAGAN MTC R+D RADAR FACILITY 1

460010N 0733859E UR S087449

SARY SHAGAN MTC COMPLEX F ABM SILOS U/C

462629N 0725108E UR S087753

TYURATAM MTC ICBM SITE Y

455653N 0633915E UR S087702

TYURATAM MTC SPACE SITE W

460021N 0631833E UR

TYURATAM AIRFIELD 3

460302N 0631351E UR

TYURATAM MTC SPACE NUCLEAR FACILITY

460340N 0625130E UR S087571

TYURATAM MTC SPACE SITE U1/2 SL-12 LNCH PREPS

460214N 0630212E UR S087691

TYURATAM MTC ICBM SITE S9 SS-19 LNCH EVIDENCE

460308N 0625915E UR S087685

MINERALNYE VODY AIRFIELD ATC RADAR FACILITY

441325N 0430506E UR S087725

KERCH/BAGEROVO BOMBING RANGE

452630N 0360910E UR S088035

ROSTOV AIRFRAME PLANT 168 CONSTRUCTION ACT

471516N 0394318E UR S087709

FEODOSIYA SHIPYARD YUZHAYA YUZH A CLASS PGHB

450711N 0352953E UR S087707

DZHANKOY BOMBING RANGE

454729N 0344335E UR S087959

NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER

465840N 0320019E UR S087700

NIKOLAYEV SHIPYARD 61 445F CLASS GM CRUISER

465840N 0320019E UR S087538

BALTA ARMY BARRACKS AL1

475640N 0293605E UR S087958

NIKOLAYEVKA NAVAL XMTR/DF FAC STOVEPIPE/R-378

443401N 0332958E UR S087563

SEVASTOPOL NAVAL AMMUNITION STORAGE NE

443902N 0333657E UR S087368

SEVASTOPOL NAVAL INFANTRY INSTALLATION

443352N 0332500E UR S087564

BATAJNICA AIRFIELD RSBN-4N ILS

445630N 0201500E YO S087888

KUNMADARAS AIRFIELD FLAT FACE B RADAR IDENT

472324N 0204659E HU S087886

TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED

471835N 0194640E HU S087655

25X15X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

TAPIOSZENTMARTON AIRFIELD DUMMY FISHBED

471835N 0194640E

HU

25X1

25X1

KUNASHIR GEOTHERMAL POWER STATION

435939N 1454752E

UR

S087560

BOGOSLAVETS BOMBING RANGE/SIMULATED AFLD SRCH

454840N 1343910E

UR

S087372

BARANO ORENBURGSKOYE ARMY BKS AL1 MRD RELOC

442145N 1312710E

UR

S087553

CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE
CHERNYSHEVKA ARMY BARRACKS AL1/EQUIPMENT STGE

441208N 1330920E

UR

S088034

441208N 1330920E

UR

ARSENYEV ARMY BARRACKS AL1

440739N 1331649F

UR

S088103

ARSENYEV MILITARY STORAGE DEPOT DX1

441050N 1332103E

UR

S087892

CHICHIHAERH RAILROAD LOCOMOTIVE + CAR MFG PLT
HAERHPIN RAILROAD LOCOMOTIVE + CAR MFG PLANT

472050N 1240046E

CH

S087515

454551N 1263545E

CH

NALAYH AMMUNITION STORAGE DEPOT

472912N 1071909F

MG

S087899

ARVAYHEER HELIPORT

462100N 1025000E

MG

S087954

ARVAYHEER ARMY BARRACKS AL1

462200N 1024800F

MG

S088104

SHUANGCHENG TZU MTC ICBM SITE B1/2

411828N 1001854E

CH

S087596

SHUANGCHENG TZU MTC ICBM SITE B1/2 MENSURATION

411828N 1001854E

CH

S087578

SHUANGCHENG TZU MTC ICBM SITE B1/2 LNCH STAND

411828N 1001854E

CH

S087590

SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR

411828N 1001854E

CH

S087588

SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR

411828N 1001854E

CH

S087589

SHUANGCHENG TZU MTC ICBM SITE B1/2 LAUNCH PREP

411828N 1001854E

CH

S087690

TATUNG LOCOMOTIVE + DIESEL ENGINE PLANT 616

400417N 1131458E

CH

S087515

CHIUFENGJUN MRBM FIELD POSITION MSL HDLG EXER

401131N 1181107E

CH

S087722

KUNSON AIRFIELD U/C

402130N 1284300F

KN

S087519

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

NAMDAE CHON MILITARY CONSTRUCTION ACTIVITY

402530N 1282500E

KN

S087679

SHENYANG AIRFRAME PLANT 112 HSIAN A

415208N 1232600E

CH

S087694

SHENYANG AIRFRAME PLANT 112 FLOGGER MIG-23

415208N 1232600E

CH

S087693

SHENYANG RAILROAD CAR MFG + RPR PLANT HUANGKU
CHANGCHUN RAILROAD CAR MANUFACTURING PLANT

414912N 1232230E

CH

S087515

435420N 1251741E

CH

CHANGCHUN SSM/SPACE TRACKING FACILITY

434345N 1253205E

CH

S086958

STANKE DIMITROV MILITARY TRAINING AREA

421810N 0231200E

RU

S088059

POPOVITSA AMMUNITION DEPOT SOUTH 501

420737N 0250322E

RU

S088031

25X1

25X1

SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT
SLIVEN AIRFIELD TALM BUILDINGS TYPE E IDENT

423842N 0262132E

RU

S087887

423842N 0262132E

RU

LYAKI PHASED-ARRAY RADAR FACILITY

405208N 0474913E

UR

S087584

LYAKI PHASED-ARRAY RADAR FACILITY

405208N 0474913E

UR

S087558

MOZDOK AIRFIELD GCA SITE

434715N 0443600E

UR

S087644

MOZDOK AIRFIELD PETROLEUM PRODUCTS STORAGE 1

434646N 0443554E

UR

25X1

25X1

MOZDOK ASM SUPPORT FACILITY

434638N 0443726E

UR

MOZDOK AIRFIELD LRA BOMB CORP REGIMENT HQ BKR

434600N 0443400E

UR

BUYNASKS AMMUNITION STORAGE DEPOT DA1

424758N 0470619E

UR

S087957

MOZDOK AIRFIELD

434715N 0443601E

UR

S087644

TASHKENT AIRFRAME PLANT B CANDID BORT COUNT

411802N 0691904E

UR

S087889

CHIRCHIK ARMY BKS AL6 T-64/T-72 TANK IDENT

412847N 0693427E

UR

S087699

DZHAMBUL AMMUNITION DEPOT

425934N 0713903E

UR

S088101

TASHKENT AIRFIELD CANDID IL-76 BORT COUNTS

411846N 0692331E

UR

S087889

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	TELINGHA SSM RADCOM STATION BUNKER HARD PROB		372726N 0972348E	CH	S086956
	MINLO SSM FIELD TRAINING POSITION		380335N 1005802E	CH	S086945
	LIUCHINGKOU SSM COMPLEX		380835N 1000625E	CH	S086947
	KOKAYTY AIRFIELD RECONNAISSANCE UNIT DEPLOYED		373725N 0673102E	UR	S087689
	MARY AIRFIELD NE FLOGGER 6 MIG-23 IDENTIFIED		373709N 0615342E	UR	S087720
	NEBIT DAG AIRFIELD FLOGGER B/C MIG-23		392847N 0542158E	UR	S087891
	OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP		391940N 1271810E	KN	S087703
	OKPYONG NI MILITARY INSTL NORTH CSSC-2 EQUIP		391940N 1271810E	KN	
	CHO DO COASTAL DEF CR MSL SITE CSSC-2 EQUIP		383110N 1245100E	KN	
	PIPA GOT CD CR MSL SUPT/TRNG FAC CSSC-2 EQUIP		383225N 1250138E	KN	
	NUCHON NI AIRFIELD PROB U/C		381410N 1260730E	KN	S087519
	KUUM NI AIRFIELD U/C		385145N 1275419E	KN	
	HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978		394908N 1273558E	KN	S087548
	HAMHUNG MACHINERY PLANT KOKSAN SP GUN M-1978		394908N 1273558E	KN	
	HSIAOPINGTAO SLBM SUPPORT FACILITY SLBM TRANS		385237N 1212927E	CH	S087635
	HSIAOPINGTAO SLBM SUPPORT FACILITY TEST ACT		385237N 1212927E	CH	S087759
	TENGSHAHO SSM RTP PROB		391506N 1220520E	CH	S087583
	CHANGHSINTIEN ROLLING STOCK MFG + REPAIR PLT		395110N 1161115E	CH	S087515
	CHINGTAO LOCOMOTIVE/ROLLING STOCK PLT SSUFANG		360636N 1202033E	CH	
	LUTA RAILROAD LOCOMOTIVE + CAR MFG + RPR PLT		385513N 1213440E	CH	
	LUTA MACHINERY MANUFACTURING PLANT		385402N 1213425E	CH	
	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT		384809N 1211540E	CH	S087759
	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT		384809N 1211540E	CH	
	LUSHUN NAVAL BASE + SHIPYARD SLBM TEST ACT		384809N 1211540E	CH	
	TANGSHAN RAILROAD EQUIPMENT MFG + REPAIR PLT		393615N 1181056E	CH	S087515
	PEICHING LOCOMOTIVE + ROLLING STOCK PLANT		394919N 1161126E	CH	
	HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT		384903N 1212937E	CH	S087759
	HSIAOPINGTAO SUBMARINE BASE SLBM TEST ACT		384903N 1212937E	CH	

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN		384903N 1212937E	CH	S087546
	HSIAOPINGTAO SUBMARINE BASE LDG QUAY SLBM CAN		384903N 1212937E	CH	
	CHIANGKOCHUANG SUBMARINE BASE PUG		360625N 1203513E	CH	S087667
	TENGSHAHO SSM GARRISON SUPPORT AREA		391340N 1220321E	CH	S087583
	TENGSHAHO SSM FIELD TRAINING POSITION		390911N 1220453E	CH	
	TSANGHSIEN AIRFIELD HSIAN A IDENTIFICATION		382409N 1165550E	CH	S087542
	WUCHAI MTC SSM R+D TRNG SITE A1/2/3 CSS-2 ACT		385002N 1113617E	CH	S087551
	TAIYUAN/SHOUYANG SAM DEPOT		375220N 1130904E	CH	S087669
	SANYUAN SAM TRAINING AREA ACTIVITY INCREASE		343900N 1085830E	CH	S087552
	HSIAN RAILROAD CAR MFG + REPAIR PLT SANCHIAO		341805N 1084951E	CH	S087515
	HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT		341505N 1085332E	CH	S087704
	HSIAN/HSIKUAN AIRFIELD RESOLUTION TGT IDENT		341505N 1085332E	CH	
	WANGFAN RADIO RELAY STATION		341730N 1115030E	CH	S086956
	MISRATAH AIRFIELD HOPLITE MI-2 DPL IDENT		321928N 0150350E	LY	S087545
	MISRATAH AIRFIELD CONSTRUCTION PROGRESS		321928N 0150350E	LY	S087712
	OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT		325346N 0131632E	LY	S087550
	OKBA IBN NAFA AIRFIELD A/C DISPLAY AA-6 IDENT		325346N 0131632E	LY	
	OKBA IBN NAFA AIRFIELD FOXBAT MI6-25 ASSEMBLY		325346N 0131632E	LY	S087686
	EL UOTIA AIRFIELD CONSTRUCTION PROGRESS		322810N 0115400E	LY	S087708
	BENINA AIRFIELD CONSTRUCTIONAL CHANGES		320545N 0201630E	LY	S087715
	AL BUMBAH AIRFIELD NORTH CONSTRUCTION PROG		322708N 0230717E	LY	S087719

25X1

25X1

25X1

25X1

89
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	LASA SSM/SPACE TRACKING FACILITY		293855N 0910516E	CH	S087595
	REFIDIM AIRFIELD HANGARETTE DISMANTLEMENT		302450N 0330904E	EG	S087711
	SHANGHAI SHIPYARD KIANGNAN SESS OPTICAL TRKG		311205N 1212901E	CH	S087539
	WUHSING MISSILE PROPULSION R+D CENTER		304450N 1200135E	CH	S087628
	NANCHANG AIRFRAME + MISSILE PLANT 320		283752N 1155526E	CH	S087661
	NANCHANG AIRFRAME + MISSILE PLANT 320		283752N 1155526E	CH	
	WUCHANG LOCOMOTIVE + RAILROAD CAR PLANT		303512N 1141907E	CH	S087515
	MEISHAN HEAVY INDUSTRY		295830N 1034310E	CH	
	TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431		300823N 1043722E	CH	
	TZUYANG INDUSTRIAL CPLX LOCO + STOCK PLT 431		300823N 1043722E	CH	
	SUNGLIN MTC MISSILE SERVICE TOWER U/C		281420N 1020149E	CH	S087362
	CHENGDU AIRFRAME PLANT 132 FLOGGER SHPG CONTS		304224N 1035744E	CH	S087693
	KUNMING SSM FIELD TRAINING POSITION CONST NEW		245208N 1025347E	CH	S087623
	HSIANGTAN ELECTRICAL EQUIPMENT PLANT		274832N 1125610E	CH	S087515
	TUNGTAO ICBM COMPLEX COMMO FAC/EQUIP NEW SRCH		261430N 1095358E	CH	S086946
	SHAHSIEN SPACE TRACKING FACILITY POSS		262345N 1174830E	CH	S087594
	CHUCHOU RAILROAD EQUIPMENT MFG + REPAIR PLANT		275305N 1130716E	CH	S087515
	CHUCHOU RAILROAD CAR REPAIR PLANT		275311N 1131151E	CH	
	PUNTA MOVIDA NAVAL FACILITY PROB CONST ACT		220315N 0802640W	CU	S087518
	DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW		160700N 1081330E	VM	S087684
	DA NANG NAVAL STA FISHBED FUSELAGE CONT NEW		160700N 1081330E	VM	
	SRI HARIKOTA ISLAND ROCKET MOTOR TEST FACIL		134456N 0801412E	IN	S087662
	SRI HARIKOTA ISLAND PROPELLANT PLANT		134710N 0801220E	IN	
	SRI HARIKOTA ISLAND GROUND TELEMETRY SAT TRKG		134045N 0801130E	IN	
	SRI HARIKOTA ISLAND SPACE LAUNCH FACILITY		134025N 0801335E	IN	
	SRI HARIKOTA ISLAND ROCKET LAUNCH STATION		134100N 0801340E	IN	

25X1

25X1

25X1

90
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF ZARF UMBRA/NOFORN

TCS-35144/79

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

SRI HARIKOTA ISLAND ROCKET TRACKING FACILITY

134108N 0801253F

IN

25X1

KHORMAKSAR SA-2 SITE ADEN A31

125014N 0445728F

YS

S087664

KHORMAKSAR SA-2 SITE ADEN A35

125250N 0450117F

YS

ADEN SA-2 SITE 3

124936N 0445327F

YS

ADEN SAM SUPPORT FACILITY

125218N 0445825F

YS

ADEN SA-2 SITE 4

125320N 0445710F

YS

ADEN SA-2 SITE 5

125100N 0445810F

YS

ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV

124715N 0450027F

YS

S087750

ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV

124715N 0450027F

YS

ADEN AMMUNITION STGE + TEST AREA M-1977 MRL

124745N 0450155F

YS

S087721

ADEN AMMUNITION STGE + TEST AREA M-1977 MRL

124745N 0450155F

YS

SPRATLY ISLANDS MILITARY ACTIVITY

083800N 1115430F

PG

S087361

SHILENDA ZAPU MILITARY CAMP AIRSTRIKE IDENT

122600S 0253910F

ZA

S087697

MULUNGUSHI MILITARY INSTALLATION BLOGS DAMAGE

143916S 0284853F

ZA

S087544

LUSAKA ARMY BARRACKS SE TYPE-59 TK/ARV IDENT

153055S 0283607F

ZA

S087634

VILA MACHADO MILITARY INSTALLATION ARMOR DPL

191635S 0341206F

MZ

S087681

ONDANGUA MILITARY CAMP SOUTH

175419S 0155947F

WA

S087665

ONDANGUA MILITARY STORAGE FACILITY

175330S 0155703F

WA

ONDANGUA MILITARY CAMP EAST

175200S 0155900F

WA

ENANA AIRFIELD MILITARY ACTIVITY INCREASE

172931S 0161929F

WA

S087547

ENANA AIRFIELD MILITARY ACTIVITY INCREASE

172931S 0161929F

WA

ONDANGUA AIRFIELD

175300S 0155800F

WA

S087665

PITQUETE EXPLOSIVES PLANT VARGAS

223654S 0451237W

BR

S087727

INHOMIRIM EXPLOSIVES PLANT ESTRELA

223414S 0431131W

BR

25X1

BOULOGNE TANK ASSEMBLY PLANT

343000S 0583400W

AR

S087696

25X1

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PART VI

Listing of Reports by Accession Number

TOP SECRET CHESS RUFF

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NPIC MEMO Z2400-79 07 MAY 79 Z2400-79 SEC CLASS: 05 MSN: 0002P ACCN: S086307

SANTIAGO DE CUBA OPTICAL SATELLITE TRKG FAC CU 200040N 0753735W
WAC NO : 0647 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:
PINA DEL RIO OPTICAL SATELLITE TRACKING FAC CU 215520N 0842845W
WAC NO : 0587 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:

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AF PAR 511-79 26 JAN 79 SEC CLASS: 13 MSN: 0003P ACCN: S086793

AIRCRAFT, RAM J VARIANT UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT AND ASSOCIATED DRAWING 79C4505 PROVIDES AN UPDATE OF DRAWING 76B4503 AND A BRIEF CHRONOLOGY OF THE CHANGES TO THE RAM-J AIRCRAFT SINCE THE DATE OF THE DRAWING (27 JAN 1976).*

AF PAR 544-79 21 MAR 79 SEC CLASS: 13 MSN: 0002P ACCN: S0869425X1

MINLO SSM FIELD TRAINING POSITION CH 380335N 1005802E
WAC NO : 0332 BE/OBJ NO: NPIC NO : - 17
IDHS CODE: EPF CAT : 40 COMIREX NO:

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THIS REPORT UPDATES PAR 76-540.*

AF PAR 556-79 26 MAR 79 SEC CLASS: 13 MSN: 0002P ACCN: S0869425X1

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TOP SECRET CHESS RUFF

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TUNGTAO ICBM COMPLEX COMMO FAC/EQUIP NEW SRCH CH 261430N 1095358E
WAC NO : 0497 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X1

AF PAR 546-79 21 MAR 79 SEC CLASS: 13 MSN: 0002P ACCN: S0869425X1

LIUCHINGKOU SSM COMPLEX CH 380835N 1000625E
WAC NO : 0332 BE/OBJ NO: NPIC NO : - 36-C
IDHS CODE: EPF CAT : 40 COMIREX NO:

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A SEARCH OF LIU-CHING-KOU MISSILE LAUNCH COMPLEX FOR ANY NEW COMMUNICATIONS FACILITIES OR EQUIPMENT,
BEGINNING IN JANUARY 1976, PROVIDED NEGATIVE RESULTS.*

AF PAR 530-79 21 MAR 79 SEC CLASS: 13 MSN: 0033P ACCN: S0869425X1

MOSKVA GUIDED MISSILE R+D PLANT KHIKMI 301 UR 555350N 0372556E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 100
IDHS CODE: EPF CAT : 40E COMIREX NO:

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THIS REPORT AND DRAWINGS 74C6512/2, 74C6513/2 AND 79B3502 PROVIDE A COMPLETE CHRONOLOGY AND FUNCTIONAL
ANALYSIS OF MOSKVA GUIDED MISSILE RESEARCH AND DEVELOPMENT PLANT KHIKMI 301, THE UNIDENTIFIED DEVELOPMENT
AND SUPPORT AREA ADJACENT, AND THE ASSOCIATED TEST AREA OF PLANT 301. THE FOLLOWING PHOTO ANALYSIS
REPORTS OR MAJOR PARAGRAPHS ARE SUPERSEDED: 77-632; 74-580; 78-709 PARAGRAPH 2C AND D; 79-518 PARAGRAPH
2D(7) (A) AND 2E(9) (A); 77-733 PARAGRAPH 2D(6) AND 2E (9).*

AF PAR 536-79 21 MAR 79 SEC CLASS: 13 MSN: 0003P ACCN: S0869425X1

MOSKVA SCIENTIFIC RESEARCH INST MACHINE BLDG UR 555130N 0373630E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 45-B2
IDHS CODE: EPF CAT : 65A COMIREX NO:

25X1
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THIS REPORT PROVIDES AN UPDATED ANALYSIS OF MOSKVA SCIENTIFIC RESEARCH INSTITUTE OF MACHINE BUILDING.
THIS REPORT SUPPLEMENTS PAR 77-554, AND SUPERSEDES PARA D2(11) (A), PAR 79-518; PARA 2D(10) (A), PAR
77-733; AND PARA 2D(10) (A), PAR 77-567.
ASSOCIATED DRAWING 75D6519/2 SUPPLEMENTS THIS REPORT.*

AF PAR 547-79 21 MAR 79 SEC CLASS: 13 MSN: 0002P ACCN: S0869425X1

LOYANG/LONING SSM FACILITY SEARCH CH 3425 N 11150 E
WAC NO : 0385 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40 COMIREX NO:

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A SEARCH OF THE AREA BETWEEN LO-YANG AND LO-NING IN THE PEOPLES REPUBLIC OF CHINA (PRC) WAS MADE FOR

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EVIDENCE OF RAIL OFF-LOAD POINTS WHOSE CONSTRUCTION WAS COINCIDENT WITH THE CONSTRUCTION OF THE LO-NING
CSS-X-4 MISSILE LAUNCH SILOS. NO OFF-LOAD FACILITIES OR CSS-X-4 RELATED AREAS OR STRUCTURES WERE
OBSERVED.*

AF PAR 542-79 16 MAR 79 SEC CLASS: 13 MSN: 0019P ACCN: 5086952 25X1

ELECTRONICS, ABM/SPACE RDR FAC PWR SUBSTATION UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:
INDUSTRY, POWER SUBSTATIONS ABM/SPACE RDR FAC UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 30E COMIREX NO:

THIS REPORT PROVIDES AN ANALYSIS OF THE ELECTRIC POWER SUBSTATIONS ASSOCIATED WITH 17 ABM/SPACE RADAR
FACILITIES. INCLUDED ARE THE NUMBER AND SIZE OF TRANSFORMERS AT EACH FACILITY (LENGTH, WIDTH AND HEIGHT);
TRANSFORMER DESIGNATION AND POWER RATING; AND THE NUMBER AND VOLTAGE RATING OF THE POWER LINES SERVING THE
SUBSTATION.

THIS REPORT REFERENCES THE INDUSTRIAL POWER SUPPLY HANDBOOK, VOLUME 2, UNIDENTIFIED SOVIET PUBLICATION.
*

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AF PAR 531-79 08 MAR 79 SEC CLASS: 13 MSN: 0003P ACCN: S0869525X1

WANGFAN RADIO RELAY STATION CH 341730N 1115030E
WAC NO : 0385 BE/OBJ NO: NPIC NO : - 137
IDHS CODE: EPF CAT : 25D COMIREX NO:
TELINGHA SSM RADCOM STATION BUNKER HARD PROB CH 372726N 0972348E
WAC NO : 0332 BE/OBJ NO: NPIC NO : - 72-D
IDHS CODE: EPF CAT : 25C COMIREX NO:
ELECTRONICS, HF COMMO/MICROWAVE FACIL SEARCH CH
WAC NO : NPIC NO : -
IDHS CODE: EPF CAT : 25D COMIREX NO:

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A 5-KILOMETER RADIUS SEARCH FOR HF COMMUNICATIONS FACILITIES, MICROWAVE FACILITIES AND CABLE TRENCHES AT THE LO-NING, TA-CHAI-TAN AND TE-LING-HA SSM LAUNCH COMPLEXES PROVIDED NEGATIVE RESULTS. ELECTRONICS FACILITIES WERE FOUND JUST OUTSIDE THE SEARCH AREA PERIMETERS AT WANG-FAN RADREL STATION AND TE-LING-HA SSM PROBABLE RADCOM STA/BNK/HARD.*

AF PAR 525-79 07 MAR 79 SEC CLASS: 13 MSN: 0011P ACCN: S0869525X1

CHANGCHUN SSM/SPACE TRACKING FACILITY CH 434345N 1253205E
WAC NO : 0290 BE/OBJ NO: NPIC NO : - 28-D
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
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THIS REPORT PROVIDES A DETAILED PHOTO ANALYSIS OF THE CHANG-CHUN SSM/SPACE TRACKING FACILITY. IT INCLUDES A TABULAR LISTING OF THE FACILITY'S HF COMMUNICATIONS ANTENNAS, THEIR AZIMUTHS, AND DIMENSIONS. ALSO INCLUDED IS A CHRONOLOGY OF MISSION COVERAGE.
THIS REPORT SUPERSEDES PORTIONS OF PARS 78-549, 76-696, 75-571, AND 73-634, AND IS SUPPLEMENTED BY DRAWING 79E6510.*

NPIC SR S029-79 MAY 79 SEC CLASS: 146 MSN: 0005P ACCN: S0873625X1

SPRATLY ISLANDS MILITARY ACTIVITY PG 083800N 1115430E
WAC NO : 0740 BE/OBJ NO: NPIC NO : - 2
IDHS CODE: EPF CAT : 35 COMIREX NO:

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BOTH VIETNAM AND THE PHILIPPINES CONTINUE TO ENHANCE THEIR POSITIONS IN THE POTENTIALLY OIL-RICH SPRATLY ISLAND GROUP IN THE SOUTH CHINA SEA. VIETNAM'S INTENTION TO EXPAND ITS INFLUENCE IN THE AREA IS EVIDENCED BY THE RECENT OCCUPATION OF AMBOYNA CAY. EMPHASIS ON THE EXPANSION AND DEVELOPMENT OF AIR FACILITIES BY BOTH COUNTRIES HAS RESULTED IN AN IMPROVED INTERISLAND TRANSPORTATION NETWORK. THESE DEVELOPMENTS WILL STRENGTHEN EACH COUNTRY'S ABILITY TO DEFEND AND SUPPORT ITS RESPECTIVE CLAIM IN THE SPRATLY ISLANDS.

CIA IAMR ISMR004J-79 MAY 79 [] SEC CLASS: 25 MSN: 0013P ACCN: S0873625X1

MISSILES, SS-20 DEPLOYMENT RATE UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40B COMIREX NO:
MISSILES, SH-8 UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40D COMIREX NO:
INDUSTRY, AMMONIA PLANTS IMPORTED PROD IMPACT UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 30F COMIREX NO:
MILITARY, ARTILLERY WPN TOWED LRG-CALIBER DPL UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35D COMIREX NO:
ELECTRONICS, SYMPHONIE COMSAT GRND STA EXPMT CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:
SUNGLIN MTC MISSILE SERVICE TOWER U/C CH 281420N 1020149E
WAC NO : 0495 BE/OBJ NO: NPIC NO : - 87-C
IDHS CODE: EPF CAT : 40E COMIREX NO:
EZEIZA ATOMIC RSCH CTR CHEM REPROCESSING PLT AR 344948S 0583425W
WAC NO : 1434 BE/OBJ NO: NPIC NO : - 1
IDHS CODE: EPF CAT : 55A COMIREX NO:

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NPIC SR SR031-79 MAY 79 [] SEC CLASS: 14B MSN: 0004P ACCN: S08736425X1

KRASNAYA PAKHRA MESON FACILITY U/C UR 552751N 0371612E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 46-Q
IDHS CODE: EPF CAT : 65A COMIREX NO:

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THE FIRST GOOD, INTERPRETABLE IMAGERY OF THE SOVIET MESON FACILITY AT KRASNAYA PAKHRA RESEARCH COMPLEX (KPRC), USSR, [] ON THAT DATE THE LINEAR ACCELERATOR (LINAC) TUNNEL WAS UNDER CONSTRUCTION, AND BUILDINGS AND SECTIONS OF THE FACILITY WERE IDENTIFIED BY FUNCTION WHEN COMPARED TO THE

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LOS ALAMOS MESON PHYSICS FACILITY (LAMPF), LOS ALAMOS SCIENTIFIC LABORATORY, NEW MEXICO.
ALTHOUGH NOT NEARLY AS LONG AS LAMPF, THE KPRC MESON FACILITY HAS SECTIONS CORRESPONDING TO THE US
LAMPF INCLUDING THE INJECTOR BUILDING WHERE THE PARTICLES ARE GENERATED, THE PROBABLE DRIFT-TUBE SECTION
WHERE THE PARTICLES ARE ACCELERATED BY ELECTRIC FIELDS WITHIN VACUUM TANKS, AND THE SIDE-COUPLED LINAC
WHERE THE PARTICLES ARE ACCELERATED TO FINAL ENERGY LEVELS APPROACHING THE SPEED OF LIGHT. SWITCHYARDS
WHERE THE PARTICLES ARE STEERED BY MAGNETS OR EXPERIMENTAL TEST AREAS CONTAINING THE TARGET CELLS HAVE NOT
BEEN IDENTIFIED AS YET, BUT IT IS POSSIBLE THAT THEY WILL BE CONSTRUCTED ON A LANDFILL AREA NEAR THE NORTH
END OF THE TUNNEL.

NPIC IIR IIR020-79 17 MAY 79 SEC CLASS: 25B MSN: 0004P

ACCN: S08736

ELECTRONICS, RAMONA M MBL ELINT SYS FLD TEST CZ
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25A COMIREX NO:
DYLEN TILLENBERG SIGINT FACILITY RAMONA M CZ 495812N 0123019E
WAC NO : 0231 BE/OBJ NO: NPIC NO : - 172-B
IDHS CODE: EPF CAT : 25 COMIREX NO:

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A CZECHOSLOVAKIAN MOBILE RAMONA-M ELINT COLLECTION AND
TARGET-LOCATING SYSTEM WAS OBSERVED UNDERGOING PROBABLE FIELD TESTING AT DYLEN TILLENBERG SIGINT
COLLECTION FACILITY, CZECHOSLOVAKIA.

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DIA IIM 5B1-72685-79 26 JUL 79 [Redacted] SEC CLASS: 14 MSN: [Redacted] 0003P ACCN: S0873725X1

BOGOSLAVETS BOMBING RANGE/SIMULATED AFLD SRCH UR 454840N 1343910E

WAC NO : 0282 BE/OBJ NO: [Redacted] NPIC NO : - 76

IDHS CODE: [Redacted] EPF CAT : 05 COMIREX NO:

25X1
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[Redacted]

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TOP SECRET CHESS RUFF

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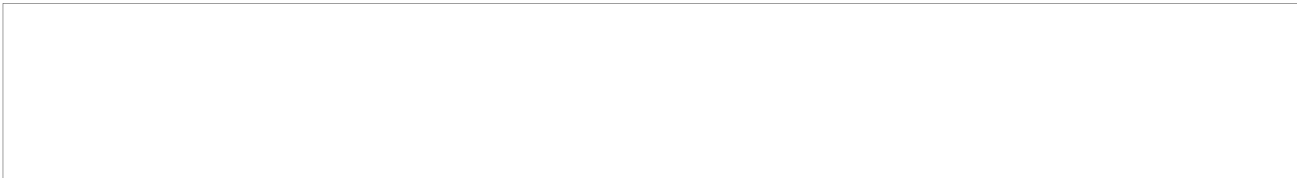
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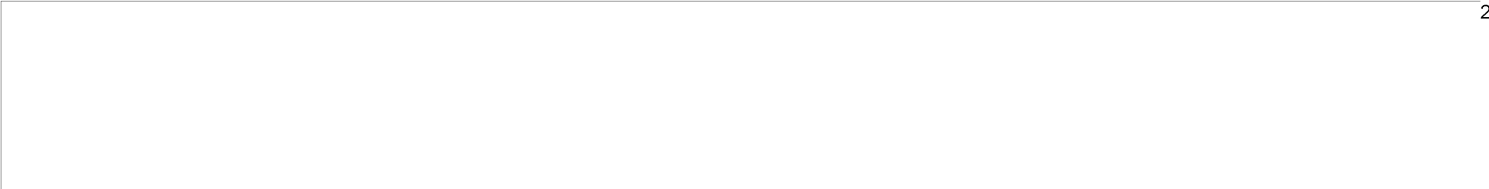


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NPIC PIR PIR045-79 MAY 79 SEC CLASS: 25D MSN: 0006P ACCN: S0874425X1

AIRCRAFT, CRUSTY TU-134 NAVIGATOR TRNG MODIF UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05D COMIREX NO:
AIRCRAFT, COOKPOT TU-124 NAVIGATOR TRNG MODIF UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PROVIDES IMAGERY-DERIVED ANALYSIS OF MODIFIED CRUSTY AND COOKPOT AIRCRAFT WHOSE EXTERNAL APPEARANCE AND OPERATING LOCATIONS IMPLY THAT THEY FUNCTION AS MILITARY NAVIGATION TRAINERS. FOR REPORTING PURPOSES, THE NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER HAS TEMPORARILY DESIGNATED THESE AIRCRAFT AS THE CRUSTY NAVIGATOR TRAINING MODIFIED (NAV MOD) AND THE COOKPOT NAV MOD.



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CIA RP GC10045K-79 APR 79 SEC CLASS: 14 MSN: 0002P ACCN: S087467 25X1

GENERAL, FLOOD DAMAGE IMPACT BRAZIL 1979 BR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 10D COMIREX NO:



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AF ENDR D6535-79 04 MAY 79 [Redacted] SEC CLASS: 13 MSN: 0001P ACCN: S087490 25X1

MISSILES, ICBM TYPE 3G LAUNCH GROUP TRENCHES UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40A COMIREX NO:

AF ENDR D6536-79 04 MAY 79 [Redacted] SEC CLASS: 13 MSN: 0001P ACCN: S087491 25X1

MISSILES, ICBM TYPE 3G LAUNCH GROUP TRENCHES UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40A COMIREX NO:

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AF PAR 574-79 23 APR 79 SEC CLASS: 13 MSN: 0002P ACCN: 50874925X1

AIRFIELDS, FISHBED D F-8 USE/PRODUCTION SRCH CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05A COMIREX NO:

SIX PRC AIRFIELDS WERE REVIEWED FOR INDICATIONS OF POSSIBLE F-8 (FISHBED D) UTILIZATION OR PRODUCTION. THE AIRFIELDS EXAMINED WERE: CHANG-CHIA-KOU SOUTHEAST, CHENG-TU/WEN-CHIANG, KUO-CHUANG, WU-HU, HSI-AN/YEN-LIANG, AND MENG-TZU WEST. NO FISHBED OTHER THAN C/F MODELS WERE IDENTIFIED FROM JANUARY 1977 TO APRIL 1979.*

AF PAR 573-79 24 APR 79 SEC CLASS: 13 MSN: 0020P ACCN: 50874925X1

DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR UR 482601N 0345828E
WAC NO : 0234 BE/OBJ NO: NPIC NO : - 7-C
IDHS CODE: EPF CAT : 40E COMIREX NO:

THIS REPORT PROVIDES AN UPDATED ANALYSIS OF DNEPETROVSK MISSILE DEVELOPMENT PRODUCTION CENTER - V. F. UTKIN DESIGN BUREAU. SPECIFIC INFORMATION PROVIDED INCLUDES: NEW CONSTRUCTION AND BUILDING EXPANSION/MODIFICATION; CONSTRUCTION CHRONOLOGY SHOWING FACILITY GROWTH BY YEAR WITHIN THE DESIGN BUREAU; AND A DESCRIPTION AND LOCATION OF ANY AEROSPACE HARDWARE OBSERVED WITHIN THE DESIGN BUREAU AND PLANT 186. THIS REPORT SUPERSEDES PARAGRAPH 2D(1), PAR 79-518; PARAGRAPH 2A, PAR 78-709; PARAGRAPH 2D(1) (A), PAR 77-567; PARAGRAPH 2D(1) (A), PAR 77-733; AND 77-599 IN THE ITS ENTIRETY.*

AF PAR 575-79 04 MAY 79 SEC CLASS: 13 MSN: 0003P ACCN: 50874925X1

MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB UR 554530N 0372928E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 46-I
IDHS CODE: EPF CAT : 40E COMIREX NO:

THIS REPORT SUPPLEMENTS PAR 77-572, AND SUPERSEDES PARAGRAPH 2D(8) (A) OF PAR 77-508; PARAGRAPH 2D(9)

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(A) OF PAR 77-733; AND PARAGRAPH 2D(10) (A) OF PAR 79-518. ALSO REFERENCED IS DRAWING 70C6583/4.*

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AF PAR 570-79 03 MAY 79 SEC CLASS: 13 MSN: 0008P ACCN: 50874925X1

IVANKOVSKIY GUIDED MISSILE PLANT

UR 564521N 0370700E

WAC NO : 0154

BE/OBJ NO:

NPIC NO : - 18-A

IDHS CODE:

EPF CAT : 40E

COMIREX NO:

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THIS REPORT ON IVANKOVSKIY GUIDED MISSILE PLANT IS AN UPDATE OF PAR 77-510 AND SUPERSEDES PAR 78-625, PARAGRAPH 2D(1) OF PAR 77-508, PARAGRAPH 2D(2) OF PAR 77-567, PARAGRAPH 2D(2) (A) OF PAR 77-733 AND PARAGRAPH 2D(2) (A) OF PAR 79-518.

A TABULATED LISTING OF AS-9 TYPE B MISSILE CRATE AND AS-4 CRATE COUNTS IS INCLUDED.*

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NPIC PIR PIR044-79 JUN 79 SEC CLASS: 14 MSN: 0008P ACCN: S0875125X1

PUNTA MOVIDA NAVAL FACILITY PROB CONST ACT CU 220315N 0802640W
WAC NO : 0586 BE/OBJ NO: NPIC NO : - 51-U3
IDHS CODE: EPF CAT : 75B COMIREX NO:

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THE PUNTA MOVIDA NAVAL FACILITY IS UNDER CONSTRUCTION IN CUBA IN THE SOUTHERN PORTION OF THE BAY OF CIENFUEGOS, APPROXIMATELY 4.5 NAUTICAL MILES (NM) SOUTH OF THE CITY OF CIENFUEGOS AND 120 NM SOUTHEAST OF HAVANA. WHEN COMPLETE, THIS INSTALLATION WILL BE THE LARGEST NAVAL FACILITY ON THE SOUTHERN COAST OF CUBA AND ONE OF THE LARGEST IN THE ENTIRE COUNTRY. THIS REPORT INCLUDES A LOCATION MAP AND SIX ANNOTATED PHOTOGRAPHS.

NPIC SR SR032-79 JUN 79 Z20006-79 SEC CLASS: 05C MSN: 0005P ACCN: S087519

KUUM NI AIRFIELD U/C KN 385145N 1275419E
WAC NO : 0380 BE/OBJ NO: NPIC NO : - 44-M3
IDHS CODE: EPF CAT : 05A COMIREX NO:
NUCHON NI AIRFIELD PROB U/C KN 381410N 1260730E
WAC NO : 0380 BE/OBJ NO: NPIC NO : - 143-R1
IDHS CODE: EPF CAT : 05A COMIREX NO:
KUNSON AIRFIELD U/C KN 402130N 1284300E
WAC NO : 0290 BE/OBJ NO: NPIC NO : - 136-A7
IDHS CODE: EPF CAT : 05A COMIREX NO:
AIRFIELDS, CONSTRUCTION ACTIVITY KN
WAC NO : NPIC NO : -
IDHS CODE: EPF CAT : 05A COMIREX NO:

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CONTINUING CONSTRUCTION ACTIVITY WAS OBSERVED [REDACTED] AT THREE NEW JET-CAPABLE AIRFIELDS IN NORTH KOREA. THE NEW AIRFIELDS ARE KUUM-NI, NUCHON-NI, AND KUNSON. EACH NEW AIRFIELD IS NEAR AN EXISTING HIGHWAY AIRSTRIIP AND IS NOT YET OPERATIONAL.

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NPIC PIR

PIR047-79

JUN 79

SEC CLASS: 14A MSN:

0005P

ACCN: S087521

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ELECTRONICS, TROPOSCATTER ANTENNA STATIONS
WAC NO :
IDHS CODE: BE/OBJ NO:
EPF CAT : 25D

IN
NPIC NO : -
COMIREX NO:

INDIAN TROPOSCATTER STATIONS ARE USED AS COMMAND AND CONTROL COMMUNICATIONS FOR THE AIR DEFENSE SYSTEM. THIS IS EVIDENT BY THE CLOSE PROXIMITY OF THE MAJORITY OF THE TROPOSCATTER STATIONS TO AIRFIELDS AND EXISTING AIR-WARNING RADAR SITES, THE REVETTING OF CONTROL BUILDINGS, THE PRESENCE OF MICROWAVE ANTENNA TOWERS, AND THE LOCATION OF STATIONS ALONG THE PAKISTANI BORDER.

THE 16 KNOWN TROPOSCATTER ANTENNA STATIONS AND THE TROPOSCATTER PRODUCTION PLANT IN INDIA, AS OBSERVED ARE SUMMARIZED IN THIS REPORT.

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CIA IRP IS10043K-79 JUN 79  SEC CLASS: 14B MSN: 0015P ACCN: S087558

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TOP SECRET CHESS RUFF



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PECHORA PHASED-ARRAY RADAR FACILITY
 WAC NO : 0093 BE/OBJ NO: [] NPIC NO : - 29-A
 IDHS CODE: [] EPF CAT : 25A COMIREX NO: []
 LYAKI PHASED-ARRAY RADAR FACILITY
 WAC NO : 0325 BE/OBJ NO: [] NPIC NO : - 156
 IDHS CODE: [] EPF CAT : 25A COMIREX NO: []
 ELECTRONICS, PLANAR RADARS PECHORA EAST/WEST
 WAC NO : [] BE/OBJ NO: [] NPIC NO : -
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

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ANALYSIS OF IMAGERY OBTAINED DURING FOUR YEARS OF CONSTRUCTION ACTIVITY AT THE BALLISTIC MISSILE EARLY WARNING (BMEW) RADARS AT PECHORA AND LYAKI HAS REVEALED SIGNIFICANT DETAILS ABOUT CONSTRUCTION MATERIALS AND METHODS AS WELL AS THE CONFIGURATION OF THE ANTENNAS AND SUPPORT FACILITIES. THE TWO RADAR SYSTEMS APPEAR TO BE IDENTICAL. THEY ARE LARGE, PROBABLY BI-STATIC, PLANAR PHASED ARRAYS WITH THE TRANSMITTING AND RECEIVING ANTENNAS BUILT INTO INCLINED SURFACES ON SEPARATE OPERATIONS BUILDINGS. THE ASSEMBLY OF THESE COMPLEX ANTENNAS STRUCTURES WAS SIMPLIFIED THROUGH THE USE OF MODULAR COMPONENTS.

THE COOLING SYSTEMS AT BOTH RADAR FACILITIES WILL PROBABLY BE CLOSED-LOOP SYSTEMS, WHICH COULD INDICATE THE PRESENCE OF A SPECIAL COOLANT. A CLOSED-LOOP SYSTEM WOULD HELP INSURE THE PURITY OF A SPECIAL COOLANT, PROTECTING IT FROM CONTAMINATION FROM THE ENVIRONMENT. THE LOSS OF COOLANT THROUGH EVAPORATION AND THE EFFECTS OF EXTREME CLIMATE COULD BE MINIMIZED IN A CLOSED-LOOP SYSTEM.

ANALYSIS OF THE ELECTRIC POWER FACILITIES INDICATES THAT A SEPARATE ELECTRICAL SUBSTATION AT PECHORA AND A PORTION OF THE MAIN SUBSTATION AT LYAKI APPEAR TO PROVIDE MOST IF NOT ALL OF THEIR POWER TO THE TRANSMITTERS. NO SPECIAL POWER FACILITIES HAVE BEEN BUILT FOR THE RECEIVERS.

CIA IRP IS10087K-79 JUN 79 [] SEC CLASS: 25 MSN: 0011P

ACCN: S08755925X1

KURUMUCH ROCKET ENG TEST FAC ACOUSTICAL TEST
 WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 38
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

COMPARISON OF IMAGERY OF THE KURUMUCH ROCKET ENGINE TEST FACILITY AND THE MARSHALL SPACE FLIGHT CENTER, ALABAMA, HAS RESULTED IN THE IDENTIFICATION OF AN ACOUSTICS TEST AREA AT KURUMUCH. THE MAIN FUNCTION OF SUCH AREAS IS THE TESTING OF SCALE MODELS OF BOTH LAUNCH VEHICLES AND LAUNCH AND TEST FACILITIES TO MEASURE THE ACOUSTIC PRESSURE AND VIBRATION LEVELS REACHED DURING THE TEST FIRING OF THE SYSTEM. THESE LEVELS CAN BE HAZARDOUS TO BOTH PERSONNEL AND HARDWARE, AS IN THE CASE OF THE IT-05, AN EXPERIMENTAL SOVIET SPACE LAUNCH VEHICLE, WHICH IS THOUGHT TO HAVE FAILED BECAUSE OF THE HIGH ACOUSTIC LEVELS IT GENERATED. DETECTION OF SUCH LEVELS EARLY IN A RESEARCH AND DEVELOPMENT PROGRAM WOULD LEAD TO DESIGN MODIFICATIONS TO FULL-SIZED HARDWARE, AND COULD SAVE SUBSTANTIAL AMOUNTS OF BOTH TIME AND MONEY.

THE ACOUSTIC TEST AREA AT KURUMUCH, LIKE THE ONE AT MARSHALL, HAS THREE MAIN FEATURES:

1) A SEMICIRCULAR CONCRETE HARDSTAND WITH INSTRUMENTATION POSITIONS FOR ACOUSTIC SENSORS; 2) A TEST STAND FOR THE FIRING OF SCALE MODELS; AND 3) A CONTROL BUILDING. THE TEST FIRING OF MODELS AT KURUMUCH WILL LIKELY OCCUR IN A HORIZONTAL MODE FROM A POSITION [] ABOVE THE HARDSTAND. THE PRESENCE OF TWO POSSIBLE DIFFUSERS INDICATES TESTING OF MODELS OF BOTH UPPER AND LOWER STAGES IS PLANNED. MOBILE

25X1

117
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

ACOUSTIC SENSORS AT KURUMOCH WILL REDUCE THE NUMBER OF FIXED POSITIONS REQUIRED FOR ACOUSTIC MEASUREMENTS THERE.

THE TEST AREA AT KURUMOCH WILL BE COMPLETED DURING 1979 AND WILL PROBABLY BE PRIMARILY USED FOR TESTING LIQUID PROPELLANT MODELS ALTHOUGH IT WILL ALSO BE CAPABLE OF TESTING SOLID PROPELLANT MODELS. THE FIRST TESTS AT THE AREA WILL POSSIBLY BE OF A COMPONENT OF V.P. GLUSHKO'S NEW SPACE LAUNCH VEHICLE. CONSTRUCTION AT TYURATAM MISSILE TEST CENTER INDICATES THIS NEW LAUNCH VEHICLE WILL BE FLIGHT TESTED THERE AND THAT IT WILL PROBABLY BE USED IN THE SOVIET SPACE SHUTTLE PROGRAM.

CIA IRP IS10065K-79 JUN 79 SEC CLASS: 14E MSN: 0013P ACCN: S0875625X1

INDUSTRY, GEOTHERMAL POWER FACILITIES

WAC NO :	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 30E	COMIREX NO:	
OZERNOVSKIY GEOTHERMAL POWER PLANT PAUZHETKA		UR 512745N 1564740E	
WAC NO : 0206	BE/OBJ NO:	NPIC NO :	- 18
IDHS CODE:	EPF CAT : 30E	COMIREX NO:	
PARATUNKA GEOTHERMAL POWER PLANT		UR 525745N 1581500E	
WAC NO : 0194	BE/OBJ NO:	NPIC NO :	- 35
IDHS CODE:	EPF CAT : 30E	COMIREX NO:	
APACHA GEOTHERMAL POWER PLANT BOLSHE BANNAYA		UR 525430N 1573000E	
WAC NO : 0194	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 30E	COMIREX NO:	
KUNASHIR GEOTHERMAL POWER STATION		UR 435939N 1454752E	
WAC NO : 0281	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 30E	COMIREX NO:	
AVACHINSKAYA GEOTHERMAL POWER STATION		UR 531518N 1590837E	
WAC NO : 0194	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 30E	COMIREX NO:	

25X1
25X125X1
25X125X1
25X125X1
25X125X1
25X1

25X1

ACTIVITY RELATED TO THE DEVELOPMENT OF GEOTHERMAL ENERGY HAS BEEN IDENTIFIED ON PHOTOGRAPHY AT FIVE OF EIGHT LOCATIONS WHERE THE SOVIETS HAVE REPORTED GEOTHERMAL POWER PLANTS. FOUR THE FIVE SITES -- PAUZHETKA, PARATUNKA, APACHA, AND AVACHINSKAYA -- ARE ON THE SOUTHERN TIP OF THE KAMCHATKA PENINSULA AND THE FIFTH SITE, IS IN THE KURILE ISLANDS.

PAUZHETKA AND PARATUNKA ARE THE ONLY TWO SITES WHICH CONTAIN ELECTRIC POWER GENERATING FACILITIES. THE PLANT AT PAUZHETKA USES STEAM FROM HOT WATER DEPOSITS TO RUN TWO TURBINE-GENERATORS, AND SUPPLIES POWER TO TWO VILLAGES VIA A 35-KILOVOLT TRANSMISSION LINE. THE PARATUNKA FACILITY IS REPORTED TO BE A 750-KILOWATT BINARY-CYCLE GEOTHERMAL PLANT USING HOT WATER TO VAPORIZE FREON WHICH IS THEN USED TO DRIVE THE TURBINE-GENERATOR. THE PLANT APPEARS TO BE ACTIVE BUT NO POWER TRANSMISSION FACILITIES COULD BE IDENTIFIED. THE ACTIVITY AT APACHA AND KUNASHIR APPEARS TO BE IN AN EXPERIMENTAL PHASE AT THIS TIME WITH NO ELECTRIC GENERATING FACILITIES PRESENT. AVACHINSKAYA HAS NOT PROGRESSED BEYOND A VERY EARLY STAGE OF DEVELOPMENT AND CONSISTS PRIMARILY OF SURFACE EXCAVATIONS AND A NUMBER OF BOREHOLES.

NO ACTIVITY WAS FOUND THAT COULD BE RELATED TO GEOTHERMAL ENERGY DEVELOPMENT WITHIN A 35-KILOMETER RADIUS OF REPORTED GEOTHERMAL POWER PLANTS AT KOSHELEVSK AND MUTNOVSKIY, BOTH ON KAMCHATKA, OR AT

118
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

MAKHACHKALA, ON THE WESTERN SHORE OF THE CASPIAN SEA.

NPIC	BIIR	RC09-0011-79	JUN 79		SEC CLASS: 25B	MSN:	0026P	ACCN: S08756125X1
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88					UR	555517N 0374805E		
WAC NO : 0167					BE/OBJ NO:	NPIC NO : - 47		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88					UR	555517N 0374805E		
WAC NO : 0167					BE/OBJ NO:	NPIC NO : - 47		25X1
IDHS CODE:					EPF CAT : 40H	COMIREX NO:		25X1
FAUSTOVO AEROSPACE R+D FACILITY					UR	552746N 0383143E		
WAC NO : 0167					BE/OBJ NO:	NPIC NO : - 50-B		25X1
IDHS CODE:					EPF CAT : 40H	COMIREX NO:		25X1
MOSKVA GUIDED MISSILE R+D PLANT KHMKI 301					UR	555350N 0372556E		
WAC NO : 0167					BE/OBJ NO:	NPIC NO : - 100		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER					UR	562710N 0380435E		
WAC NO : 0154					BE/OBJ NO:	NPIC NO : - 73-D		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
ZAGORSK MISSILE + SPACE DEVELOPMENT CENTER					UR	562710N 0380435E		
WAC NO : 0154					BE/OBJ NO:	NPIC NO : - 73-D		25X1
IDHS CODE:					EPF CAT : 40H	COMIREX NO:		25X1
MOSKVA MISSILE/SPACE PRPLN DEV CTR KHMKI 456					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 KHMKI 456					UR	555420N 0372651E		
WAC NO : 0167					BE/OBJ NO:	NPIC NO : - 48		25X1
IDHS CODE:					EPF CAT : 40H	COMIREX NO:		25X1
ZAGORSK ROCKET ENGINE TEST FAC KRASNOZAVODSK					UR	562544N 0381055E		
WAC NO : 0154					BE/OBJ NO:	NPIC NO : - 93		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
KURUMUCH ROCKET ENGINE TEST FACILITY					UR	533215N 0495116F		
WAC NO : 0165					BE/OBJ NO:	NPIC NO : - 38		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY					UR	580930N 0605602F		
WAC NO : 0156					BE/OBJ NO:	NPIC NO : - 29-F		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
MOSKVA MISSILE PRODUCTION PLANT FILI 23					UR	554530N 0372928E		
WAC NO : 0167					BE/OBJ NO:	NPIC NO : - 46-I		25X1
IDHS CODE:					EPF CAT : 40E	COMIREX NO:		25X1
KUYBYSHEV AEROSPACE PRODUCTION PLANT 1					UR	531315N 0501804E		
WAC NO : 0165					BE/OBJ NO:	NPIC NO : - 19		25X1
IDHS CODE:					EPF CAT : 40H	COMIREX NO:		25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SPACE, R+D/PRODUCTION FACILITIES

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

UR

THIS REPORT DESCRIBES RECENT DEVELOPMENTS AT TEN SOVIET SPACE-RELATED RESEARCH, DEVELOPMENT, AND PRODUCTION FACILITIES AND UPDATES NPIC REPORT, [REDACTED] PROBABLE MAN-RELATED SPACECRAFT HAVE BEEN NEWLY IDENTIFIED AT TWO FACILITIES. AT MOSKVA MISSILE AND SPACE DEVELOPMENT CENTER KALININGRAD 8A, FURTHER ANALYSIS OF AN AERODYNAMICALLY SHAPED OBJECT OBSERVED IN JUNE 1974 INDICATES THAT IT MAY BE A MOCKUP OF THE COSMOS 881/882 MAN-RELATED REENTRY SYSTEM SPACECRAFT. A NEW PROBABLE SPACE STATION WAS OBSERVED IN THE COMPONENTS TEST AREA OF THE FAUSTOVO AEROSPACE RESEARCH AND DEVELOPMENT FACILITY. AT MOSKVA GUIDED MISSILE RESEARCH AND DEVELOPMENT PLANT KHMKI 301, NEW CONSTRUCTION RESEARCH AND DEVELOPMENT-RELATED FACILITIES, INCLUDING A LARGE PROBABLE CENTRIFUGE, IS PROBABLY RELATED TO FUTURE SOVIET UNMANNED SPACE PROGRAMS. AT ZAGORSK MISSILE AND SPACE DEVELOPMENT CENTER, WORK HAS BEEN COMPLETED ON THE SUBSCALE MODEL OF THE TYURATAM SPACE LAUNCH SITE J1/2 LAUNCH PADS; TEST ACTIVITY MAY BEGIN AT THIS SITE IN THE NEAR FUTURE. IN ADDITION, UNIDENTIFIED CONSTRUCTION ACTIVITY AT ZAGORSK MAY BE FOR NEW TEST FACILITIES. A NEW EXHAUST GAS SCRUBBER WAS UNDER CONSTRUCTION AT MOSKVA MISSILE AND SPACE PROPULSION DEVELOPMENT CENTER KHMKI 456 WHICH WILL ADD SIGNIFICANTLY TO THE SOVIET CAPABILITY TO DEVELOP AND TEST UPPER STAGE ROCKET ENGINES USING TOXIC PROPELLANTS.

25X1

CONSTRUCTION ACTIVITY AT ALL OF THE SOVIET SPACE-RELATED ROCKET ENGINE TEST FACILITIES IS AN INDICATION OF A DESIRE TO INCREASE THE CAPACITY FOR RUN-TESTING OF ENGINES AND ALSO TO ADD NEW TEST CAPABILITIES TO THESE FACILITIES. A NEW AREA FIRST OBSERVED UNDER CONSTRUCTION AT ZAGORSK ROCKET ENGINE TEST FACILITY (RETF) IN 1973 MAY BE FOR BASIC SPACE-RELATED RESEARCH, INCLUDING SIMULATED SPACE FLIGHT. AT KURUMUCH RETF, THE NEW TEST AREA IS SIMILAR IN CONFIGURATION TO THE ACOUSTIC MODEL TEST FACILITY AT MARSHALL SPACE FLIGHT CENTER IN HUNTSVILLE, ALABAMA, ALTHOUGH IT MAY HAVE OTHER, UNDETERMINED TEST FUNCTIONS. THE NEW LARGE, VERTICAL ROCKET ENGINE TEST STAND AT NIZHNYAYA SALDA RETF IS ALMOST COMPLETE AND PROPELLANT-RUN TANKS HAVE BEEN INSTALLED BOTH WITHIN THE STAND AND REMOTELY FROM IT. AT MOSKVA MISSILE PRODUCTION PLANT FILI 23, THE CONSTRUCTION OF A NEW PROBABLE VERTICAL ASSEMBLY/HYDROSTATIC TEST BUILDING WILL EXPAND THE DEVELOPMENT FACILITIES FOR SPACE LAUNCH VEHICLES. UNUSUAL SHIPPING CONTAINERS CONTINUE TO BE SEEN AT KUYBYSHEV AEROSPACE PRODUCTION PLANT 1, INDICATING THAT SPACE LAUNCH VEHICLES ARE STILL BEING PRODUCED. THIS REPORT INCLUDES A LOCATION MAP AND 25 ANNOTATED PHOTOGRAPHS. THE INFORMATION CUTOFF DATE FOR THIS REPORT IS 1 FEBRUARY 1979.

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 591-79 21 MAY 79 SEC CLASS: 13 MSN: 0002P ACCN: S087574 25X1

AIRCRAFT, FIREBAR YAK-28 GUN ARMAMENT SEARCH UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF PAR 588-79 16 MAY 79 SEC CLASS: 13 MSN: 0004P ACCN: S087574 25X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115 UR 554817N 0373126E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 46-C1
IDHS CODE: EPF CAT : 05G COMIREX NO:

25X1
25X1

THIS REPORT AND DRAWING NUMBER 76C6503/3 PROVIDES AN UPDATED ANALYSIS OF THE MOSKVA EXPERIMENTAL PLANT 115 (YAKOVLEV OKB). NEW CONSTRUCTION AND BOUNDARY CHANGES ARE IDENTIFIED AND TABLES PROVIDING ROOF COVERAGE AND FLOORSPEACE ARE INCLUDED.
THIS REPORT UPDATES PAR 76-516. IT ALSO SUPERSEDES PAR 78-583 AND PARAGRAPH 2.B. (7) OF PAR 79-518.*

122
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF PAR 535-79 04 MAY 79 SEC CLASS: 13 MSN: 0005P ACCN: S0875725X1

SHUANGCHENG TZU MTC ICBM SITE B1/2 MENSURATION CH 411828N 1001854E
WAC NO : 0287 BE/OBJ NO: NPIC NO : - 1-N
IDHS CODE: EPF CAT : 40A COMIREX NO:

25X1
25X1

THIS REPORT AND ASSOCIATED DRAWINGS 73C4507/4, 77C4517/1 AND 79C4513 VERIFIES THE POSITIONING AND APERTURE DIAMETERS OF THE B1 SERVICE TOWER PLATFORMS AND ANALYZES THE SIXTH SERVICE PLATFORM ADDED IN 1977; DETERMINES THE POSITIONING AND CONFIGURATION OF UMBILICAL HEADERS ON THE B1 AND B2 SERVICE TOWERS; VERIFIES THE ASSESSED CONFIGURATION/DIMENSIONS OF THE B1 AND B2 LAUNCH STANDS; AND VERIFIES THE POSITIONING OF THE B2 SERVICE TOWER PLATFORMS AT SHUANG-CHENG-TZU MTC ICRM SITE B1/2. ADDITIONAL REFERENCES INCLUDE PARS 74-697 AND 73-556.*

AF PAR 579-79 07 MAY 79 SEC CLASS: 13 MSN: 0010P ACCN: S0875725X1

MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47
IDHS CODE: EPF CAT : 40E COMIREX NO:
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47
IDHS CODE: EPF CAT : 40H COMIREX NO:

25X1
25X1
25X1
25X1

THIS REPORT, DRAWING 70D4505 (REVISION 2), AND DRAWING 79C6526 PROVIDES AN UPDATED ANALYSIS OF THE ISAYEV ROCKET ENGINE DESIGN BUREAU LOCATED IN THE SOUTHERN PORTION OF THE KALININGRAD 88 COMPLEX.

THIS REPORT CONTAINS THE INFORMATION IN, AND THUS SUPERSEDES, THE PORTIONS OF PAR 75-584 WHICH DEAL WITH THE 'UNIDENTIFIED MANUFACTURING AREA', NOW KNOWN AS THE ISAYEV DESIGN BUREAU. THE TABULATION IN PARAGRAPH 3A, SUPERSEDES PARAGRAPH 4D, PAR 75-584; PARAGRAPH 2D(8) (B), 77-567; PARAGRAPH 2D(8) (C), PAR 77-733; AND PARAGRAPH 2D(9) (C), PAR 79-518. DRAWING 79C6526 SUPERSEDES THE PORTION OF DRAWING 75E6520 WHICH PORTRAYS THE 'UNIDENTIFIED MANUFACTURING AREA'.

AF PAR 589-79 14 MAY 79 SEC CLASS: 13 MSN: 0002P ACCN: S0875825X1

RAMENSKOYE FLIGHT TEST CENTER FORGER V/STOL UR 553418N 0380923E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 50
IDHS CODE: EPF CAT : 05G COMIREX NO:

25X1
25X1

AF PAR 564-79 15 MAY 79 SEC CLASS: 13 MSN: 0017P ACCN: S0875825X1

MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88 UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47
IDHS CODE: EPF CAT : 40E COMIREX NO:
MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88 UR 555517N 0374805E

25X1
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47
IDHS CODE: EPF CAT : 40H COMIREX NO:

25X1
25X1
25X1

THIS REPORT AND DRAWING NUMBER 70D6505/2 PROVIDES AN UPDATED ANALYSIS OF THE MOSKVA MISSILE AND SPACE DEVELOPMENT CENTER KALININGRAD 88 - MISSILE PLANT 88. A CHRONOLOGY OF THE GROWTH OF THE FACILITY AND A FUNCTIONAL ASSESSMENT OF THE BUILDINGS ARE INCLUDED. IT ALSO PROVIDES INFORMATION ON AEROSPACE HARDWARE, INCLUDING CRATES/CANISTERS AT THE FACILITY. THE ANALYSIS INCLUDES INFORMATION THROUGH CALENDAR YEAR 1978.

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25X1

AF PAR 563-79 08 MAY 79 SEC CLASS: 13 MSN: 0009P ACCN: S08756 25X1

TENGSHAHO SSM RTP PROB CH 391506N 1220520E
WAC NO : 0381 BE/OBJ NO: NPIC NO : - 25-C
IDHS CODE: EPF CAT : 40 COMIREX NO:
TENGSHAHO SSM FIELD TRAINING POSITION CH 390911N 1220453E
WAC NO : 0381 BE/OBJ NO: NPIC NO : - 56-C
IDHS CODE: EPF CAT : 40 COMIREX NO:
TENGSHAHO SSM GARRISON SUPPORT AREA CH 391340N 1220321E
WAC NO : 0381 BE/OBJ NO: NPIC NO : - 25-B2
IDHS CODE: EPF CAT : 40 COMIREX NO:

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

A SUMMARY OF MODIFICATIONS/CONSTRUCTION AND A CHRONOLOGICAL ACCOUNT OF GROUND SUPPORT EQUIPMENT FOR THREE SSM FACILITIES AT TENG-SHA-HO ARE INCLUDED IN THIS REPORT.
PAR 75-597 IS REFERENCED.*

AF PAR 584-79 11 MAY 79 SEC CLASS: 13 MSN: 0003P ACCN: S08756 25X1

LYAKI PHASED-ARRAY RADAR FACILITY UR 405208N 0474913E
WAC NO : 0325 BE/OBJ NO: NPIC NO : - 156
IDHS CODE: EPF CAT : 25A COMIREX NO:
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:

25X1
25X1
25X1
25X1

124
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

PECHORA PHASED-ARRAY RADAR FACILITY
WAC NO : 0093 BE/OBJ NO: NPIC NO : - 29-A
IDHS CODE: EPF CAT : 25A COMIREX NO: 25X1
SARY SHAGAN MTC PHASED-ARRAY RADAR FAC NORTH UR 463600N 0743000E 25X1
WAC NO : 0245 BE/OBJ NO: NPIC NO : - 60-A 25X1
IDHS CODE: EPF CAT : 25C COMIREX NO: 25X1
SARY SHAGAN MTC R+D RADAR FACILITY 1 UR 460010N 0733859E
WAC NO : 0245 BE/OBJ NO: NPIC NO : - 2-C 25X1
IDHS CODE: EPF CAT : 25C COMIREX NO: 25X1
ELECTRONICS, PHASED-ARRAY RADAR FACILITIES UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25A COMIREX NO:

25X1

AF PAR 576-79 26 APR 79 SEC CLASS: 13 MSN: 0004P ACCN: S087586 25X1

IRKUTSK RADCOM RECEIVER STATION NNE BUNKER UR 522328N 1042259E
WAC NO : 0200 BE/OBJ NO: NPIC NO : - 4-C 25X1
IDHS CODE: EPF CAT : 25D COMIREX NO: 25X1
IRKUTSK COMSAT STATION NORTH UR 522343N 1042240E 25X1
WAC NO : 0200 BE/OBJ NO: NPIC NO : - 4-C1 25X1
IDHS CODE: EPF CAT : 25C COMIREX NO: 25X1
IRKUTSK COMSAT STATION NNE UR 522332N 1042219E
WAC NO : 0200 BE/OBJ NO: NPIC NO : - 4-V1 25X1
IDHS CODE: EPF CAT : 25C COMIREX NO: 25X1

ANALYSIS OF ANTENNAS AT IRKUTSK RADCOM RECEIVER STATION NORTH NORTHEAST BUNKERED, IRKUTSK COMSAT STATION NORTH, AND IRKUTSK COMSAT STATION NNE IS GIVEN. ALL PERTINENT KEYHOLE IMAGERY DATING FROM JUNE 1975-APRIL 1979 WAS USED.

PARAGRAPH 3.A. SUPERSEDES PAR 75-638, PARAGRAPH 3.A. PARAGRAPH 3.B. AND C. SUPERSEDES PAR 78-535 PARAGRAPHS 3.B. (12) AND (11) RESPECTIVELY.*

125
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF ENDR C6526-79 30 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08758725X1
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 47 25X1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1
MOSKVA MISSILE/SPACE DEV CTR ISAYEV DSGN BUR UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 47 25X1
IDHS CODE: [] EPF CAT : 40H COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PAR 79-579.*

AF ENDR C4513-79 01 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08758825X1
SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR CH 411828N 1001854E
WAC NO : 0287 BE/OBJ NO: [] NPIC NO : - 1-N 25X1
IDHS CODE: [] EPF CAT : 40A COMIREX NO: [] 25X1

THIS DRAWING SUPERSEDES DRAWING 74C4528/1 AND SUPPLEMENTS PAR'S 71-597, 72-534, 73-556, 74-697, 77-634 AND 79-535.*

AF ENDR C4517-1-77 04 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08758925X1
SHUANGCHENG TZU MTC ICBM SITE B1/2 SERVICE TWR CH 411828N 1001854E
WAC NO : 0287 BE/OBJ NO: [] NPIC NO : - 1-N 25X1
IDHS CODE: [] EPF CAT : 40A COMIREX NO: [] 25X1

THIS DRAWING SUPERSEDES DRAWING 74B4525/1. IT SUPPLEMENTS PAR'S 71-597, 72-534, 73-556, 74-697, 77-634, AND 79-535.*

AF ENDR C4507-4-73 01 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08759025X1
SHUANGCHENG TZU MTC ICBM SITE B1/2 LNCH STAND CH 411828N 1001854E
WAC NO : 0287 BE/OBJ NO: [] NPIC NO : - 1-N 25X1
IDHS CODE: [] EPF CAT : 40A COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PARS 77-634, 79-535, 73-556, 72-534, 71-597, AND 74-697 AND SUPERCEDES DRAWING 71B4532.*

AF ENDR C6504-3-76 08 MAY 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08759125X1
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 UR 554846N 0373034E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 97-B1 25X1

126
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: EPF CAT : 05G COMIREX NO:

25X1
25X1

THIS DRAWING SUPERSEDES DRAWING 70C6581 AND SUPPLEMENTS PARS 76-517 AND 79-587.*

AF ENDR D6505-2-70 30 APR 79 SEC CLASS: 13 MSN: 0001P

ACCN: S0875925X1

MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88 UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47
IDHS CODE: EPF CAT : 40E COMIREX NO:
MOSKVA MISSILE + SPACE DEV CTR MISSILE PLT 88 UR 555517N 0374805E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47
IDHS CODE: EPF CAT : 40H COMIREX NO:

25X1
25X1

25X1
25X1

THIS DRAWING SUPERSEDES A PORTION OF DRAWING 65C6524 AND SUPPLEMENTS PAR 79-564.*

25X1

AF ENDR C6527-79 04 MAY 79 SEC CLASS: 13 MSN: 0001P

ACCN: S0875925X1

LASA SSM/SPACE TRACKING FACILITY CH 293855N 0910516E
WAC NO : 0437 BE/OBJ NO: NPIC NO : - 2-02
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-580.*

AF ENDR E6531-1-77 20 APR 79 SEC CLASS: 13 MSN: 0001P

ACCN: S0875925X1

SHUANGCHENG TZU MTC ICBM SITE B1/2 CH 411828N 1001854E
WAC NO : 0287 BE/OBJ NO: NPIC NO : - 1-N

25X1

127
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE:

EPF CAT : 40A

COMIREX NO:

25X1

THIS DRAWING SUPPLEMENTS PARS 71-597, 72-534, 73-556, 74-697, 77-634, AND 79-535 AND SUPERSEDES DRAWING 73D6525/1.*

AF ENDR D6523-79 04 MAY 79 SEC CLASS: 13 MSN: 0001P ACCN: S0875925X1

MISSILES, ICBM TYPE 3F SILO GROUP TRENCHES

UR

WAC NO :

BE/OBJ NO:

NPIC NO : -

IDHS CODE:

EPF CAT : 40A

COMIREX NO:

25X1

AF ENDR C6503-3-76 14 MAY 79 SEC CLASS: 13 MSN: 0001P ACCN: S0876025X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115

UR 554817N 0373126E

WAC NO : 0167

BE/OBJ NO:

NPIC NO : - 46-C1

25X1

128
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X15X1

IDHS CODE:



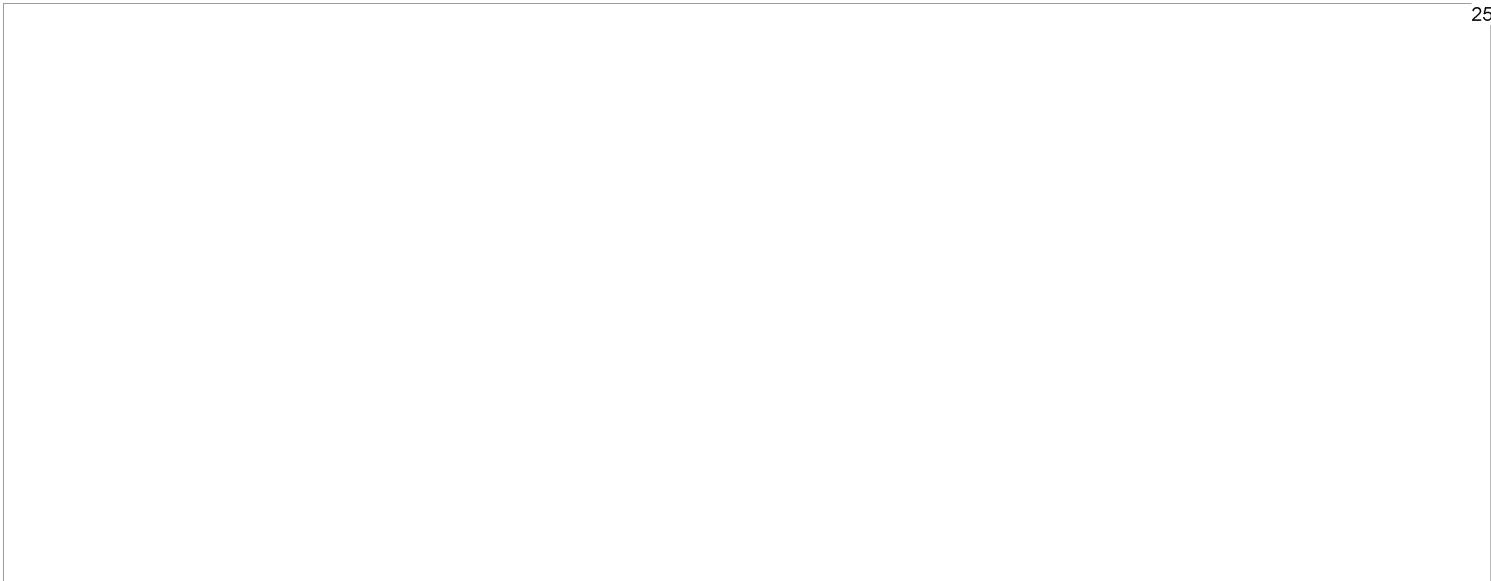
EPF CAT : 056

COMIREX NO:



25X1

THIS DRAWING SUPERSEDES DRAWING 70C6577. IT UPDATES PARS 76-516 AND 79-588.*



25X1

THIS DRAWING SUPPLEMENTS PAR 79-565.*

AF	ENDR	A3002-79	18 APR 79	SEC CLASS: 07	MSN:	0001P	ACCN: S087608
AIRCRAFT, FANTAN A F-9 EXTERIOR FUEL TANK				CH			
WAC NO :		BE/OBJ NO:		NPIC NO : -			
IDHS CODE:		EPF CAT : 05D		COMIREX NO:			



25X1

TOP SECRET CHESS RUFF



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TOP SECRET CHESS RUFF

25X1

25X1

NPIC IIR IIR026-79 14 JUN 79 Z20008-79 SEC CLASS: 05B MSN: 0003P ACCN: S087655

TAPIOSZENTMARTON AIRFIELD DUMMY FISHED HU 471835N 0194640E
WAC NO : 0251 BE/OBJ NO: NPIC NO : - 112
IDHS CODE: EPF CAT : 05A COMIREX NO:
TAPIOSZENTMARTON AIRFIELD DUMMY FISHED HU 471835N 0194640E
WAC NO : 0251 BE/OBJ NO: NPIC NO : - 112
IDHS CODE: EPF CAT : 10I COMIREX NO:

25X1
25X1
25X1
25X1

25X1

NPIC IIR IIR031-79 02 JUL 79 SEC CLASS: 14B MSN: 0004P ACCN: S087655

EMBA MTC SA-X-11 FIELD EXERCISE IDENTIFIED UR 483800N 0580300E
WAC NO : 0236 BE/OBJ NO: NPIC NO : - 22
IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1
25X1

THE FIRST OBSERVATION WAS MADE OF A SURFACE-TO-AIR MISSILE (SAM) EXERCISE INVOLVING
THE SA-X-11 SYSTEM AT EMBA MISSILE TEST CENTER (MTC), USSR. SA-X-11 EXERCISES WERE SUBSEQUENTLY OBSERVED
IN ADDITION, THE FIRST OBSERVATION OF A MIXED SA-6 AND SA-X-11 EQUIPMENT EXERCISE

25X1
25X1
25X1

TOP SECRET CHESS RUFF

25X1

ALL OF THESE EXERCISES TOOK PLACE APPROXIMATELY 1,500 METERS APART IN AN AREA OFTEN USED FOR SAM TRAINING ADJACENT TO EMBA MTC OPERATIONS SUPPORT AREA.

25X1

NPIC IIR IIR032-79 02 JUL 79 Z20010-79 SEC CLASS: 056 MSN: 0004P ACCN: S087659

MILITARY, 5TH ARMY REALIGNMENT FAR EAST MD UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:

DURING THE PERIOD A FORCE REALIGNMENT WAS OBSERVED WITHIN THE SOVIET 5TH ARMY IN THE FAR EAST MILITARY DISTRICT, USSR. THIS REALIGNMENT RESULTED IN THE FOLLOWING: THE FORWARD DEPLOYMENT OF A MAJOR COMBAT MANEUVER UNIT OF THE SMOLYANINOVO DIVISION TO AN INSTALLATION 10 NAUTICAL MILES (NM) FROM THE SINO-SOVIET BORDER; A CONSOLIDATION OF ARTILLERY, ROCKET, AND CHEMICAL UNITS WITH THE COMBAT MANUEVER UNITS OF THE SERGEYEVKA DIVISION; AND THE CONSOLIDATION OF ALL ELEMENTS OF A SECOND-GENERATION (MOBILIZATION) DIVISION AT SHKOTOVO ARMY BARRACKS AL-1.

25X1

NPIC BIIR RCA09-0014-79 JUN 79 SEC CLASS: 14A MSN: 0011P ACCN: S087660

LENINGRAD SOLID MOTOR TEST FACILITY 3 UR 601530N 0304441E
WAC NO : 0103 BE/OBJ NO: NPIC NO : - 42-T1
IDHS CODE: EPF CAT : 40E COMIREX NO:
LENINGRAD SOLID MOTOR TEST FACILITY 2 UR 601250N 0304218E
WAC NO : 0103 BE/OBJ NO: NPIC NO : - 42-T
IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1

25X1

25X1

25X1

THIS REPORT DESCRIBES ACTIVITY OBSERVED AT LENINGRAD SOLID MOTOR TEST FACILITIES 2 AND 3. THE CURRENT REPORTING PERIODS FOR TEST FACILITIES 2 AND 3

25X1

25X1

THE INFORMATION CUTOFF DATE, RESPECTIVELY. THIS REPORT ALSO UPDATES THE RELEVANT PORTIONS, DESCRIBING THESE FACILITIES, OF NPIC REPORT

25X1

BETWEEN AUGUST 1974 AND MID-1976, TEST POSITIONS 2, 3, AND 4 AT TEST FACILITY 2 WERE DISMANTLED AND REPLACED BY TEST POSITION 6. DURING THE CURRENT REPORTING PERIOD, ACTIVITY AT THE FACILITY WAS SEEN PRIMARILY AT TEST POSITION 6. SINCE ITS APPARENT COMPLETION IN 1976, THE TEST POSITION HAS UNDERGONE A NUMBER OF CHANGES WHICH MAY INDICATE DIFFERENT TEST PHASES OR PROGRAMS INVOLVING NEW TECHNOLOGIES.

A MODIFIED VERSION OF THE SS-N-12 MISSILE SYSTEM IS BEING TESTED AT TEST FACILITY 3. THIS FACILITY HAS ALSO BEEN INVOLVED IN THE TESTING OF A NEW AND/OR MODIFIED WEAPON SYSTEM. TESTING OF THE SA-N-1/SA-3 MISSILE SYSTEM HAS APPARENTLY ENDED. THIS REPORT CONTAINS A LOCATION MAP, A TABLE, AND SEVEN PHOTOGRAPHS.

25X1

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1
25X1

25X1

DIA BIIR RDA11-0024-78 JUN 79 SEC CLASS: 14B MSN: 0006P ACCN: S0876625X1

SARANSK MOTOR VEHICLE PLANT

WAC NO : 0166 BE/OBJ NO: NPIC NO : - 51-E
IDHS CODE: EPF CAT : 85A COMIREX NO:

25X1
25X1

THIS REPORT SUPERSEDES DIA, RDA-11/0017/71, SARANSK MOTOR VEHICLE PLANT, SEPTEMBER 1970 (TOP SECRET RUFF), FORMERLY THE BASIC REPORT FOR THIS INSTALLATION.
THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF SARANSK MOTOR VEHICLE PLANT, FOR THE PERIOD JUNE 1961 TO AUGUST 1978. THE INSTALLATION, WHICH CONTAINS 63 BUILDINGS AND ENCOMPASSES APPROXIMATELY 78 HECTARES, ASSEMBLES GAZ 93 (GAZ 51/63) TYPE AND GAZ 53 TYPE DUMP TRUCKS. ELEVEN PRODUCTION BUILDINGS ACCOUNT FOR 141,068 OF THE 165,537 SQUARE METERS OF ROOF COVER. SIGNIFICANT EXPANSION DURING 1975-1977

25X1

141
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

HAS ADDED OVER 60,000 METERS OF ROOF COVER.
THIS REPORT INCLUDES A MAP, A LINE DRAWING, AN ANNOTATED PHOTOGRAPH, A FUNCTIONAL DATA TABLE, AND
SOURCE MATERIAL REFERENCES.
A NATIONAL BASIC REFERENCE GRAPHIC (NBRG) IS INCLUDED.

25X1

DIA BIIB BDA06-0001-78 MAY 79 SEC CLASS: 14D MSN: 0002P ACCN: S087666 25X1

SOVETSKAYA GAVAN NAVAL FACIL BUKHTA SEVERNAYA UR 490200N 1401755E
WAC NO : 0204 BE/OBJ NO: NPIC NO : - 29-X1
IDHS CODE: EPF CAT : 75B COMIREX NO:

25X1
25X1

SOVETSKAYA GAVAN NAVAL FACILITY BUKHTA SEVERNAYA IS LOCATED 3 NM NORTH OF THE CITY OF SOVETSKAYA GAVAN
ON THE WESTERN SHORE OF BUKHTA (BAY) SEVERNAYA. THE FACILITY OCCUPIES APPROXIMATELY 4.4 HECTARES AND
CONTAINS TWO FUNCTIONAL AREAS: BERTHING AND SUPPORT/ADMINISTRATION. THE FACILITY CONSISTS OF 12 BUILDINGS
AND 3 PIERS. THE ROAD SERVED FACILITY IS AN OPERATING BASE FOR COASTAL DEFENSE FORCE SHIPS. THE NOR
INCLUDES RIGA FRIGATE, T-43 FLEET MINESWEEPER, YURKA FLEET MINESWEEPER AND VANYA COASTAL MINESWEEPER
CLASSES.

DIA BIIR RDA04-0001-78 JUN 79 SEC CLASS: 14D MSN: 0003P ACCN: S087666 25X1

TAIYUAN/SHOUYANG SAM DEPOT CH 375220N 1130904E
WAC NO : 0382 BE/OBJ NO: NPIC NO : - 30
IDHS CODE: EPF CAT : 40C COMIREX NO:

25X1
25X25X1

THIS REPORT IS A DETAILED, IMAGERY DERIVED ANALYSIS OF TAI YUAN/SHOU YANG SAM DEPOT, PRC. THIS
INSTALLATION WAS PREVIOUSLY SHOU YANG AMMUNITION DEPOT AND WAS FIRST IDENTIFIED AS A SAM DEPOT IN JUNE OF
1971. THE IRREGULAR-SHAPED FACILITY ENCOMPASSES APPROXIMATELY 216 HECTARES CONSISTING OF A DEPOT AREA AND
AN ADMINISTRATIVE/SUPPORT AREA.

25X1

142
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

THE INFORMATION IS PRESENTED IN GRAPHIC, TEXTUAL, AND TABULAR FORM. IT INCLUDES A MAP, TWO ANNOTATED PHOTOGRAPHS, AND TABLES. A REFERENCE DATA LIST FURNISHES IMAGERY AND MAP SOURCES.

25X1

TOP SECRET CHESS RUFF

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

NPIC IIR IIR029-79 28 JUN 79 SEC CLASS: 14D MSN: 0004P ACCN: S0876925X1

SHENYANG AIRFRAME PLANT 112 FLOGGER MIG-23 CH 415208N 1232600E 25X1
WAC NO : 0290 BE/OBJ NO: NPIC NO : - 55-Q 25X1
IDHS CODE: EPF CAT : 05G COMIREX NO: 25X1
CHENGDU AIRFRAME PLANT 132 FLOGGER SHPG CONTS CH 304224N 1035744E 25X1
WAC NO : 0495 BE/OBJ NO: NPIC NO : - 29-U 25X1
IDHS CODE: EPF CAT : 05G COMIREX NO: 25X1

A MIG-23 (FLOGGER) AIRCRAFT WAS FIRST OBSERVED IN THE PEOPLE'S REPUBLIC OF CHINA (PRC) AT SHENYANG (SHEN-YANG) AIRFRAME PLANT 112 THE AIRCRAFT WAS PARKED BESIDE A HSIAN A AT THE NORTH END OF THE RUNWAY. 25X1

THE PRESENCE OF A HIGH-PERFORMANCE, VARIABLE-GEOMETRY FIGHTER AT TWO OF THE MAIN FIGHTER/INTERCEPTOR PRODUCTION PLANTS IN THE PRC WILL ENABLE THE CHINESE TO EXPLOIT THE ADVANCED TECHNOLOGICAL DEVELOPMENTS OF THE FLOGGER. THIS TECHNOLOGY WILL ENHANCE THE DEVELOPMENT OF INDIGENOUSLY DESIGNED FIGHTER AIRCRAFT.

NPIC IIR IIR030-79 28 JUN 79 SEC CLASS: 14D MSN: 0003P ACCN: S0876925X1

SHENYANG AIRFRAME PLANT 112 HSIAN A CH 415208N 1232600E 25X1
WAC NO : 0290 BE/OBJ NO: NPIC NO : - 55-Q 25X1
IDHS CODE: EPF CAT : 05G COMIREX NO: 25X1

THREE HSIAN A WERE OBSERVED AT SHENYANG (SHEN-YANG) AIRFRAME PLANT 112, PEOPLE'S REPUBLIC OF CHINA (PRC). THIS IS THE FIRST TIME THAT MORE THAN ONE HSIAN A HAS BEEN OBSERVED AT PLANT 112. 25X1

145
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

NPIC IIR IIR034-79 03 JUL 79 Z20011-79 SEC CLASS: 05 MSN: 0003P ACCN: S087696

BOULOGNE TANK ASSEMBLY PLANT

WAC NO : 1434

BE/OBJ NO:

AR 343000S 0583400W

NPIC NO : - 3-F

IDHS CODE:

EPF CAT : 35G

COMIREX NO:

25X1

25X1

BOULOGNE TANK ASSEMBLY PLANT, THE PRODUCTION PLANT FOR THE FIRST INDIGENOUSLY PRODUCED TANK IN SOUTH AMERICA, WAS IDENTIFIED ON PHOTOGRAPHY IN BUENOS AIRES, ARGENTINA. ACCORDING TO A DOD REPORT, THE TAM (MEDIUM ARGENTINE TANK) IS PRODUCED AT BOULOGNE TANK ASSEMBLY PLANT, AND A PORTABLE 120MM MORTAR, SELF-PROPELLED ARTILLERY, BRIDGING EQUIPMENT, AND TANK RESCUE VEHICLES WILL BE PRODUCED THERE.

25X1

NPIC IIR IIR035-79 03 JUL 79 Z20012-79 SEC CLASS: 05 MSN: 0002P ACCN: S087697

SHILENDA ZAPU MILITARY CAMP AIRSTRIKE IDENT

ZA 122600S 0253910E

WAC NO : 1152

BE/OBJ NO:

NPIC NO : - 12

IDHS CODE:

EPF CAT : 35

COMIREX NO:

25X1

25X1

PROVIDES CONFIRMATION OF A RHODESIAN AIPSTRIKE ON THE NEWLY IDENTIFIED SHILENDA ZAPU (ZIMBABWE AFRICAN PEOPLE'S UNION) CAMP COMPLEX IN NORTHERN ZAMBIA. NUMEROUS BOMB CRATERS WERE OBSERVED AT EACH OF THE THREE CAMPS THAT COMPRISE THE COMPLEX.

25X1

25X1

25X1

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1

CIA INFR IS10099K-79 15 JUN 79 [] SEC CLASS: 13 MSN: 0005P ACCN: S0877225X1

EMBA MTC EM-EL-6 RADAR

WAC NO : 0236

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 25C

UR 483800N 0580300E

NPIC NO : - 22

COMIREX NO: []

25X1

25X1

THIS MEMO DESCRIBES EM-EL-06 RADAR ACTIVITY AT EMBA MISSILE TEST CENTER. THE RADAR HAS BEEN IDENTIFIED AS THE PROBABLE EMITTER OF THE 1065Z SIGNAL AT EMBA MTC. THE RADAR IS A LARGE PLANAR ANTENNA WHICH IS MOUNTED ON A TRACKED, MOBILE CHASSIS. IT IS POSTULATED THAT THE EM-EL-6 IS AN EXPERIMENTAL MEDIUM TO HIGH ALTITUDE ACQUISITIONS RADAR FOR A SAM SYSTEM (OR SYSTEMS) UNDERGOING RESEARCH AND DEVELOPMENT AT EMBA MTC. AT PRESENT, THE SPECIFIC SAM SYSTEM WITH WHICH THE EM-EL-6 MAY BE ASSOCIATED IS UNKNOWN, HOWEVER, THERE ARE SEVERAL CORRELATIONS BETWEEN THE EM-EL-6 AND THE C1 CANISTER SYSTEM AT EMBA MTC.

CIA INFR IS10103K-79 14 JUN 79 [] SEC CLASS: 14 MSN: 0006P ACCN: S0877225X1

INHOMIRIM EXPLOSIVES PLANT ESTRELA

WAC NO : 1263

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

BR 223414S 0431131W

NPIC NO : -

COMIREX NO: []

25X1

25X1

MARAMBAIA MILITARY PROVING GROUNDS

WAC NO : 1263

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

BR 2246 S 04256 W

NPIC NO : -

COMIREX NO: []

25X1

PITQUETE EXPLOSIVES PLANT VARGAS

WAC NO : 1262

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

BR 223654S 0451237W

NPIC NO : -

COMIREX NO: []

25X1

25X1

THIS MEMORANDUM PRESENTS THE RESULTS OF A PHOTOGRAPHIC STUDY MADE TO DETERMINE IF THE BRAZILIAN GOVERNMENT HAS BUILT HIGH EXPLOSIVES TEST FACILITIES IN SUPPORT OF A NUCLEAR WEAPONS DEVELOPMENT EFFORT. THIS STUDY HAS BEEN CONFINED TO THOSE FACILITIES DIRECTLY CONTROLLED BY THE BRAZILIAN GOVERNMENT. THE STUDY DID NOT ADDRESS THE NUMEROUS CIVILIAN CONTROLLED EXPLOSIVE PLANTS, MANY OF WHICH ARE OPERATED BY US COMPANIES.

[] SEVEN WAR MATERIEL FACTORIES BELONGING TO THE MINISTRY OF THE ARMY WERE INCORPORATED INTO THE ASSETS OF THE NEWLY ESTABLISHED WAR MATERIEL INDUSTRY OF BRAZIL-IMBEL. THE FACTORIES UNDER IMBEL ARE DIVIDED INTO THREE CATEGORIES-- CHEMICAL, METALLURGICAL, AND INDUSTRIAL. IN THIS STUDY OIA HAS EXAMINED IMBEL'S PITQUETE AND INHOMIRIM EXPLOSIVE PLANTS, BOTH PRODUCERS OF PROPELLANTS, GUN POWDER, EXPLOSIVES, AND PYROTECHNICS FOR EVIDENCE OF HIGH EXPLOSIVES TEST FACILITIES. IN ADDITION, OIA ALSO EXAMINED THE MARAMBAIA PROVING GROUNDS, WHICH WAS SPECIFICALLY ESTABLISHED TO QUALITY TEST BRAZILIAN PRODUCED EXPLOSIVES AND MUNITIONS.

ANALYSIS OF PHOTOGRAPHY OF THE PITQUETE, INHOMIRIM, AND MARAMBAIA FACILITIES SHOWS NO EVIDENCE OF HIGH EXPLOSIVES TEST FACILITIES THAT COULD BE USED IN SUPPORT OF A NUCLEAR WEAPONS DEVELOPMENT PROGRAM.

25X1

AF ENDR E1009-79 11 MAY 79 SEC CLASS: 07 MSN: 0001P ACCN: S087728

ELECTRONICS, BACK TRAP EW RADAR MODEL 2

UR

154
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



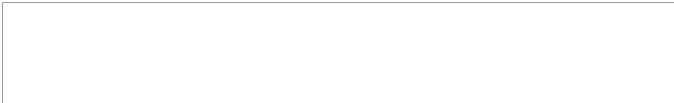
25X1

WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 25A	COMIREX NO:
AF ENDR E1008-79 11 MAY 79	SEC CLASS: 07 MSN:	0001P ACCN: S087729
ELECTRONICS, BACK TRAP EW RADAR MODEL 1		UR
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 25A	COMIREX NO:



25X1

155
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

CIA INFR IS10110K-79 JUL 79 SEC CLASS: 14E MSN: 0016P ACCN: 50877425X1

SARY SHAGAN MTC R+D COMPLEX FAC A NORTH BLDG UR 455200N 0733100E
WAC NO : 0245 BE/OBJ NO: NPIC NO : - 38-A
IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1
25X1

THIS REPORT PRESENTS DETAILED ENGINEERING AND STRUCTURAL DESIGN INFORMATION ON THE NORTH BUILDING OF FACILITY A, SARY SHAGAN R+D COMPLEX-- A COMPLEX BELIEVED TO BE INVOLVED IN AN AEROSPACE DEFENSE PROGRAM. THE INFORMATION IS DERIVED FROM A REVIEW OF ALL AVAILABLE PHOTOGRAPHY OBTAINED SINCE 1973, WHEN CONSTRUCTION OF THE BUILDING BEGAN. AN ANALYSIS OF THE PHOTOGRAPHY WAS CONDUCTED TO DETERMINE THE PURPOSE OF THIS UNIQUE STRUCTURE AND ITS RELATIONSHIP TO THE REST OF FACILITY A. THE STUDY IS PART OF A CONTINUING IMAGERY ANALYSIS CONTRIBUTION TO THE INTERDISCIPLINARY ASSESSMENT OF SOVIET DIRECTED-ENERGY WEAPONS PROGRAMS BY OFFICES OF THE NATIONAL FOREIGN ASSESSMENT CENTER (NFAC). THE JUDGEMENTS PRESENTED ARE PRELIMINARY AND MAY BE REFINED OR ALTERED AS MORE INFORMATION BECOMES AVAILABLE AND MORE COMPREHENSIVELY BASED ANALYSIS BY OTHER NFAC OFFICES IS COMPLETED. THE KEY FINDINGS OF THIS STUDY ARE THAT: THE NORTH BUILDING IS A NONSTANDARD STRUCTURE--BOTH IN DESIGN AND IN STRUCTURAL FEATURES. IT WAS CLEARLY DESIGNED AND BUILT TO WITHSTAND FORCES AND LOADS FAR GREATER THAN THOSE ENCOUNTERED IN INDUSTRIAL BUILDINGS OF STANDARD SOVIET DESIGN.

IT IS LIKELY THAT THE REASON FOR THE UNUSUAL CONSTRUCTION TECHNIQUE USED IN THIS BUILDING IS THAT EXPLOSIVE DEVICES, POSSIBLY EXPLOSIVELY DRIVEN ELECTRICAL GENERATORS, WILL BE DETONATED NEAR THE BUILDING ADJACENT TO MASSIVE CONCRETE BLAST WALLS. THESE DEVICES PRESUMABLY WOULD POWER SOME TYPE OF SYSTEM INSIDE THE BUILDING.

IF, AS THE PHOTOGRAPHIC EVIDENCE SUGGESTS, THE EXPLOSIVE DEVICES ARE FOR POWERING A SYSTEM INSIDE THE BUILDING, A PLAUSIBLE SYSTEM WOULD BE ONE THAT GENERATES A BEAM OF ELECTROMAGNETIC ENERGY AT OPTICAL FREQUENCIES. THIS BEAM WOULD BE TRANSPORTED DOWN AN EARTH-COVERED CONDUIT WHICH CONNECTS THE NORTH AND SOUTH BUILDINGS AND THEN PROPAGATED BY THE LARGE-APERTURE BEAM DIRECTOR LOCATED IN THE SOUTH BUILDING. GIVEN THE SCARCITY OF HARD EVIDENCE, HOWEVER, OTHER EXPLANATIONS FOR WHAT OIA SEES ON THE PHOTOGRAPHY ARE, OF COURSE, POSSIBLE.

NPIC PIR PIR057-79 JUL 79 SEC CLASS: 14A MSN: 0014P ACCN: 50877525X1

ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV YS 124715N 0450027E
WAC NO : 0687 BE/OBJ NO: NPIC NO : - 15
IDHS CODE: EPF CAT : 751 COMIREX NO:
ADEN PORT FACILS NAVAL SHIPS/ARMS SHPMTS SOV YS 124715N 0450027E
WAC NO : 0687 BE/OBJ NO: NPIC NO : - 15
IDHS CODE: EPF CAT : 35 COMIREX NO:

25X1
25X125X1
25X1156
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THIS REPORT IS A SUMMARY OF SOVIET NAVAL SHIPS AND ARMS SHIPMENTS OBSERVED AT ADEN PORT FACILITIES, SOUTH YEMEN, FROM APRIL 1978 THROUGH APRIL 1979. THE REPORT CONTAINS A LOCATION MAP, SIX ANNOTATED PHOTOGRAPHS, AND TWO TABLES.

25X1

CIA IRP IS10089K-79 JUN 79 SEC CLASS: 14E MSN: 0013P ACCN: S0877525X1

MISSILES, SS-20 SLIDING-ROOF BUILDINGS UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40B COMIREX NO:

THE INTELLIGENCE COMMUNITY PROJECTS THAT THE USSR WILL DEPLOY 250-300 SS-20 TRANSPORTER-ERECTOR-LAUNCHERS (TELS) HOUSED IN SLIDING-ROOF BUILDINGS (SRBS); EACH SRB HOUSES ONE TEL. ANALYSIS OF IMAGERY INDICATES THAT IF THE SOVIETS CONTINUE PRESENT RATES OF CONSTRUCTION, THEY WILL COMPLETE 270 SRBS -- ABOUT THE MIDPOINT OF THE COMMUNITY PROJECTION AND ENOUGH FOR A 30-BASE SS-20 IRBM FORCE -- BY THE FALL OF 1981. (APPROXIMATELY THREE ADDITIONAL YEARS ARE REQUIRED TO FINISH ALL CONSTRUCTION AT A BASE AFTER COMPLETION OF THE SRBS.) THE ESTIMATED COMPLETION DATE IS BASED ON THE CURRENT ANNUAL PRODUCTION RATE OF ABOUT 54 SRBS AT THE BRYANSK GUIDED MISSILE SUPPORT EQUIPMENT PLANT II AND ON THE CURRENT SUPPORT BASE CONSTRUCTION RATE OF SIX NEW STARTS PER YEAR.

CIA IRP IS10094K-79 JUN 79 SEC CLASS: 25E MSN: 0023P ACCN: S087753 25X1

SARY SHAGAN MTC COMPLEX B ABM SILOS U/C UR 460106N 0722804E
WAC NO : 0245 BE/OBJ NO: NPIC NO : - 50-P
IDHS CODE: EPF CAT : 40D COMIREX NO:
SARY SHAGAN MTC COMPLEX F ABM SILOS U/C UR 462629N 0725108E

25X1
25X1
25X1

157
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0245 BE/OBJ NO: NPIC NO : - 49-B6
 IDHS CODE: EPF CAT : 40D COMIREX NO:

25X1
25X1

AT THE SARY SHAGAN MISSILE TEST CENTER, CONSTRUCTION OF FIVE NEW ANTIRALLISTIC- MISSILE LAUNCH SILOS HAS RECENTLY BEEN COMPLETED AND AT LEAST ONE OF THE SILOS MAY BE OPERATIONAL. TWO OF THESE FIVE SILOS ARE AT LAUNCH COMPLEX B AND THREE ARE LOCATED AT COMPLEX F -- TWO AT SITE 3 AND ONE AT SITE 4E. THE TWO SILOS AT LAUNCH COMPLEX B AND THE TWO SILOS AT LAUNCH COMPLEX F, SITE 3 WERE ALL CONSTRUCTED IN FOUR DISTINCT STAGES THAT REQUIRED A TOTAL OF ABOUT TWO AND ONE-HALF YEARS TO COMPLETE. THESE STAGES WERE: SILO CORING; SILO LINER INSTALLATION; HEADWORKS INSTALLATION; AND DOOR INSTALLATION. CONSTRUCTION OF ADDITIONAL FACILITIES, SUCH AS THE CONTROL BUILDING, CABLING, AND INSTRUMENTATION ARRAYS, BEGAN LATER AND CONTINUED AFTER COMPLETION OF THE SILOS THEMSELVES.

THE ONE SILO AT COMPLEX F, SITE 4E, IS SIGNIFICANTLY DIFFERENT IN APPEARANCE FROM THE OTHER FOUR -- IT HAS NO HEADWORKS AND WILL PROBABLY NOT HAVE A LOOP APPROACH ROAD NOR INSTRUMENTATION. THE CONSTRUCTION STAGES OF THE SITE 4E SILO ALSO DIFFERED. CONSTRUCTION BEGAN IN 1971 BUT WAS ABANDONED AND NOT RESTARTED UNTIL THE SUMMER OF 1977. THE SILO WAS FINISHED ABOUT 18 MONTHS LATER.

BASED UPON A COMBINATION OF THE SILO SIZES AND CONFIGURATIONS, THEIR LOCATIONS, AND THE ASSOCIATED ELECTRONICS AND SUPPORT FACILITIES, IT APPEARS THAT THE ABM-1B GALOSH MISSILE WILL BE USED IN THE COMPLEX B SILOS AND THAT THE SH-04 OR THE SH-08 MISSILE WILL BE USED IN THE TWO SILOS AT SITE 3, LAUNCH COMPLEX F. MEASUREMENT OF THE DEPTH OF THE ONE SILO AT SITE 4E OF COMPLEX F HAS NOT BEEN POSSIBLE AND, THEREFORE, IT COULD NOT BE DETERMINED WHAT MISSILE IT COULD ACCOMMODATE.

CIA BIIR RCS13-0008-79 JUN 79 SEC CLASS: 14E MSN: 0014P ACCN: S08775 25X1

INDUSTRY, SODA ASH PRODUCTION FACILITIES

WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30F COMIREX NO:

SODA ASH (SODIUM CARBONATE) IS AN INDISPENSABLE FEED MATERIAL FOR A WIDE VARIETY OF INDUSTRIES, INCLUDING STEEL, GLASS, TEXTILE, AND PAPER PRODUCTION AS WELL AS NONFERROUS METALS REDUCTION AND PETROLEUM REFINING. NINE CONFIRMED, ONE PROBABLE, AND SIX POSSIBLE SODA ASH PLANTS AND THREE AREAS WHERE NATURALLY OCCURRING SODA ASH IS EXTRACTED HAVE BEEN IDENTIFIED IN CHINA. THE PRODUCTION CAPACITIES OF THE SODA ASH FACILITIES COULD NOT BE DETERMINED FROM PHOTOGRAPHY, BUT CHINESE INDUSTRY REPORTS INDICATE A PRODUCTION LEVEL OF ALMOST 3 MILLION METRIC TONS WAS EXPECTED FOR 1978. ALL THE CHINESE PLANTS APPEAR TO USE THE SOLVAY PROCESS, WHICH PRODUCES SODA ASH BY TREATING A SALT WATER SOLUTION FIRST WITH AMMONIA AND THEN WITH CARBON DIOXIDE. THE NATURALLY OCCURRING SODA ASH IS SEPARATED FROM ALKALINE BRINES BY A FRACTIONAL CRYSTALLIZATION PROCESS.

THE FIRST CHINESE SODA ASH PLANT WAS CONSTRUCTED IN 1918. THE INDUSTRY DEVELOPED SLOWLY, WITH ONLY THREE OF THE 16 PLANTS BEING CONSTRUCTED PRIOR TO THE 1950S. SINCE THAT TIME, THE GROWING DEMAND FOR SODA ASH HAS PROMPTED THE CONSTRUCTION OF SEVEN CONFIRMED, ONE PROBABLE, AND FIVE POSSIBLE PLANTS AND THE DEVELOPMENT OF THREE AREAS FOR EXTRACTION OF NATURALLY OCCURRING SODA ASH.

CIA IRP IS10082K-79 JUN 79 SEC CLASS: 14E MSN: 0012P ACCN: S08775 25X1

158
 TOP SECRET CHESS RUFF

25X1

TOP SECRET CRESS RUFF

25X1
25X1

SEVERODVINSK SHIPYARD CONST HALL/LAUNCH BASIN UR 643438N 0394832E
WAC NO : 0092 BE/OBJ NO: NPIC NO : - 7-A
IDHS CODE: EPF CAT : 75E COMIREX NO:

25X1
25X1

BY JANUARY 1979, THE SOVIETS WERE CLOSE TO COMPLETING WHAT WILL PROBABLY BE A NEW, LARGE SUBMARINE CONSTRUCTION COMPLEX AT SEVERODVINSK SHIPYARD 402. RECENT WORK HAS FOCUSED ON THE CONSTRUCTION OF A NEW LAUNCH BASIN--ACTUALLY AN EXTENSION OF THE DEEP PORTION OF THE LAUNCH BASIN SERVING CONSTRUCTION HALL 1--AND THE INSTALLATION OF LAUNCH RAILS IN FRONT OF THE NEW CONSTRUCTION HALL (HALL 3). ANALYSIS OF IMAGERY HAS REVEALED THE FOLLOWING CONCERNING THE ARRANGEMENT OF BUILDING WAYS WITHIN CONSTRUCTION HALL 3, AND THE METHOD BY WHICH OIA EXPECTS VESSELS TO BE LAUNCHED FROM HALL 3 INTO THE LAUNCH BASIN EXTENSION: CONSTRUCTION HALL 3 PROBABLY CONTAINS THREE BUILDING WAYS LOCATED INSIDE OF A FLOODABLE DOCK. TRACK ARRANGEMENTS SEEN AT THE FRONT OF HALL 3 INDICATE THE POSSIBILITY THAT TWO OF THE WAYS WILL BE USED FOR FINAL ASSEMBLY AND ONE WAY WILL BE USED TO TRANSFER SUBASSEMBLIES. THE LAUNCH BASIN EXTENSION IN FRONT OF CONSTRUCTION HALL 3 MEASURES 244 BY 140 METERS. THE DEEP BASIN PORTION OF THE EXTENSION, WHICH HAS BEEN EXCAVATED TO A DEPTH BELOW THE LEVEL OF THE CONSTRUCTION DOCK FLOOR, MEASURES 180 BY ABOUT 140 METERS. NINE FREE-STANDING GUIDE PIERS HAVE BEEN ERECTED IN THE OLD DEEP PORTION OF THE BASIN AND OUTSIDE THE BASIN IN THE ESTUARY. GUIDE PIERS ARE USED TO CONTROL THE MOVEMENT OF LARGE TRANSFER DOCKS/LAUNCH PLATFORMS IN RESTRICTED AREAS, AND THEIR PRESENCE IN THE BASIN AT SEVERODVINSK INDICATES THAT VESSELS WILL BE LAUNCHED FROM HALL 3 ONTO A LAUNCH PLATFORM. BECAUSE THE DECK OF THE LAUNCH PLATFORM MUST FIT WITHIN THE 180-METER LENGTH OF THE DEEP PORTION OF THE BASIN EXTENSION, VESSELS LAUNCHED ONTO THE PLATFORM ARE NOT EXPECTED TO GREATLY EXCEED 180 METERS.

25X1

OTHER, PROBABLY RELATED MODIFICATIONS INCLUDE THE FOLLOWING: LAUNCH TRACKS A AND B IN FRONT OF CONSTRUCTION HALL 1 ARE BEING LENGTHENED FROM 151 METERS 247 METERS. IT IS POSSIBLE THAT THE LAUNCH PLATFORM THAT WILL BE USED TO SUPPORT LAUNCHES FROM HALL 3 IS CURRENTLY UNDER CONSTRUCTION ON WAYS A AND B IN HALL 1, AND THAT THESE TRACKS ARE BEING LENGTHENED TO ACCOMMODATE ITS LAUNCH. THE SILL OF THE GATE LEADING INTO THE LAUNCH BASIN WAS EXPANDED; HOWEVER, THE DEPTH OF THE SILL WAS NOT CHANGED.

CIA IAMR ISMR005J-79 JUN 79 SEC CLASS: 25A MSN: 0014P

ACCN: 508775625X1

25X1

RAMENSKOYE CAPSULE TUBE R+D CENTER TRANSP SYS UR 553555N 0381635E
WAC NO : 0167 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 85 COMIREX NO:
MILITARY, GROUND FORCES LANCHOU MR CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35E COMIREX NO:
MILITARY, RIVER CROSSING EQUIPMENT NEW DPL CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35E COMIREX NO:
INDUSTRY, ELECTRIC POWER GENERATION INCREASE CH
WAC NO : BE/OBJ NO: NPIC NO : -

25X1
25X1

159
TOP SECRET CRESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: EPF CAT : 30F COMIREX NO:

25X1

NPIC PIR PIR055-79 JUL 79 SEC CLASS: 14A MSN: 0007P

ACCN: S087757 25X1

AIRFIELDS, REPAIR + IMPROVEMENT MAY 77-MAY 79 ET
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05A COMIREX NO:

A HIGH LEVEL OF AIRFIELD REPAIR AND UPGRADING HAS BEEN OBSERVED THROUGHOUT ETHIOPIA SINCE JUST BEFORE THE BEGINNING OF THE ETHIOPIAN-SOMALI WAR IN JULY 1977. THIS ACTIVITY AT THE AIRFIELDS CAN BE DIRECTLY ATTRIBUTED TO SEVERAL FACTORS: DAMAGE FROM SABOTAGE, DELIVERIES OF SOPHISTICATED AIRCRAFT, AND THE CONTINUATION OF HOSTILITIES IN ERITREA AND THE OGADEN. THIRTEEN AIRFIELDS WHERE THIS REPAIR AND UPGRADING HAS TAKEN PLACE ARE DISCUSSED IN THIS REPORT - FIVE HAVE BEEN REPAIRED, AND THE OTHER EIGHT HAVE BEEN OR ARE BEING IMPROVED. A 14TH AIRFIELD HAS BEEN CONSTRUCTED AND IS ALSO DISCUSSED IN THIS REPORT.

THE AIRFIELDS DISCUSSED ARE: CHEREN, MASSAWA, TESSENAI, ADI KEYIH, HUMERA AIRFIELD NORTH, MAKALE/ALULA ABA NEGA, ASSAB, ABA TENNA-DEJAZMATCH YILMA, JIJIGA, HARAR MEDA, DEGEHBUR, KABRIDAR, GODE, AND NEGHELLI.*

25X1

160
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC SR SR041-79 JUL 79 SEC CLASS: 14D MSN: 0006P ACCN: S08776

MILITARY, GROUND FORCE STATIC DEFENSE EXER UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35B COMIREX NO:

A PROBABLE LARGE-SCALE TRAINING EXERCISE WAS OBSERVED
THIS ACTIVITY, THE FIRST OBSERVED INVOLVING TROOPS MANNING PORTIONS OF THE GROUND FORCE STATIC DEFENSIVE
LINE NEAR DAURIYA IN THE TRANSBAYKAL MILITARY DISTRICT, MAY HAVE BEEN RELATED TO THE LARGE-SCALE JOINT
FORCES EXERCISE CONDUCTED IN THE EASTERN SOVIET UNION AND MONGOLIA DURING MARCH.
THE ACTIVITY INVOLVED 11 BIVOUAC AREAS ALONG A 63-NAUTICAL MILE (NM) FRONT FROM LAKE ZUN TOREY TO AN
AREA EAST OF ZABAYKALSK.

25X1

25X1

161
TOP SECRET CHESS RUFF

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

DIA IIM 5B1-72670-79 20 JUL 79 SEC CLASS: 14B MSN: 0007P ACCN: 50878925X1

SLUTSK ENGINEER REPAIR FACILITY

WAC NO : 0168

IDHS CODE:

BE/OBJ NO:

EPF CAT : 35F

UR 530200N 0273520F

NPIC NO : - 67-I1

COMIREX NO:

25X1

25X1

DIA IIM 5B1-72684-79 23 JUL 79 SEC CLASS: 13 MSN: 0001P ACCN: 50878925X1

BALTIC WATER RANGE CPLX BOMB RANGE/AFLD SRCH

WAC NO : 0165

IDHS CODE:

BE/OBJ NO:

EPF CAT : 05

UR 5510 N 05600 E

NPIC NO : -

COMIREX NO:

25X1

DIA IIM 5B1-72683-79 23 JUL 79 SEC CLASS: 13 MSN: 0001P ACCN: 50878925X1

BABAYEVO BOMBING RANGE SEARCH

WAC NO : 0154

IDHS CODE:

BE/OBJ NO:

EPF CAT : 05

UR 5924 N 03645 E

NPIC NO : -

COMIREX NO:

25X1

DIA NOTE 02 AUG 79 SEC CLASS: 13 MSN: 0002P ACCN: 50878925X1

SOVETSK ARMY BKS AL2/HQ TANK DIV BMP VARIANT

WAC NO : 0168

IDHS CODE:

BE/OBJ NO:

EPF CAT : 35A

UR 550508N 0215149E

NPIC NO : - 69-L

COMIREX NO:

25X1

25X1

165
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

FOUR NEW BMP VARIANT VEHICLES WERE FIRST OBSERVED AT SOVETSK ARMY BARRACKS AL2
THIS BMP VARIANT IS IDENTICAL TO THE STANDARD BMP BUT IS FLAT TOPPED, WITHOUT A TURRET, AND NO
EVIDENCE OF A TURRET RING WAS OBSERVED. NO ANTENNAS, ANTENNA MOUNTS, OR OTHER IDENTIFIED PROJECTIONS WERE
DISCERNIBLE ON THESE VARIANTS.*

25X1
25X1

25X1

DIA IIM 5B1-72682-79 25 JUL 79 SEC CLASS: 14 MSN: 0002P ACCN: S0879
CHERKASSY BOMBING RANGE/SIMULATED AFLD SRCH UR 4926 N 03204 E
WAC NO : 0233 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05 COMIREX NO:

25X1
25X1

DIA IIM 5B1-72694-79 26 JUL 79 SEC CLASS: 14 MSN: 0002P ACCN: S0879
YOSHKAR OLA BOMBING RANGE UR 562633N 0474100E
WAC NO : 0155 BE/OBJ NO: NPIC NO : - 15-0
IDHS CODE: EPF CAT : 05 COMIREX NO:

25X1
25X1

DIA IIM 5B1-72714-79 26 JUL 79 SEC CLASS: 14B MSN: 0008P ACCN: S0879

25X1

166
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

GOMEL AMMUNITION DEPOT SW DA1

WAC NO : 0167

BE/OBJ NO: []

UR 522244N 0304453E

IDHS CODE: []

EPF CAT : 35F

NPIC NO : - 16-B

COMIREX NO: []

25X1

25X1

DIA IIM 5B1-72708-79 26 JUL 79 [] SEC CLASS: 14B MSN: [] 0005P

ACCN: S0879525X1

BUYNASK AMMUNITION STORAGE DEPOT DA1

WAC NO : 0325

BE/OBJ NO: []

UR 424758N 0470619E

IDHS CODE: []

EPF CAT : 35F

NPIC NO : - 100-B5

COMIREX NO: []

25X1

25X1

DIA IIM 5B1-72725-79 26 JUL 79 [] SEC CLASS: 14 MSN: [] 0003P

ACCN: S0879525X1

BALTA ARMY BARRACKS AL1

WAC NO : 0250

BE/OBJ NO: []

UR 475640N 0293605E

IDHS CODE: []

EPF CAT : 35A

NPIC NO : - 4-I

COMIREX NO: []

25X1

25X1

DIA IIM 5B1-72705-79 27 JUL 79 [] SEC CLASS: 14 MSN: [] 0003P

ACCN: S0879525X1

DZHANKOY BOMBING RANGE

WAC NO : 0250

BE/OBJ NO: []

UR 454729N 0344335E

IDHS CODE: []

EPF CAT : 05

NPIC NO : - 21-C

COMIREX NO: []

25X1

25X1

DIA IIM 5B1-72740-79 31 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: S0880125X1

KOMSOMOLSK NA AMURE BOMBING RANGE SRCH

WAC NO : 0204

BE/OBJ NO: []

UR 5035 N 13702 E

IDHS CODE: []

EPF CAT : 05

NPIC NO : -

COMIREX NO: []

25X1

DIA IIM 5B1-72747-79 31 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: S0880125X1

KILDIN OSTROV BOMBING RANGE SEARCH

WAC NO : 0051

BE/OBJ NO: []

UR 6920 N 03412 E

IDHS CODE: []

EPF CAT : 05

NPIC NO : -

COMIREX NO: []

25X1

25X1

DIA IIM 5B1-72749-79 31 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: S0880125X1

KORSKOV BOMBING RANGE SEARCH

UR 4637 N 14245 E

167
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0281 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05 COMIREX NO: 25X1

DIA IIM 5B1-72750-79 31 JUL 79 SEC CLASS: 13 MSN: 0001P ACCN: S0880125X1

KRASNODAR BOMBING RANGE SEARCH
WAC NO : 0249 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05 COMIREX NO: 25X1

DIA IIM 5B1-72712-79 31 JUL 79 SEC CLASS: 14 MSN: 0002P ACCN: S0880125X1

KARANOGAYSKIY BOMBING RANGE
WAC NO : 0248 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05 COMIREX NO: 25X1

DIA IIM 5B1-72734-79 31 JUL 79 SEC CLASS: 13 MSN: 0001P ACCN: S0880125X1

BLAGOPOLUCHIYA BOMBING RANGE SEARCH
WAC NO : 0045 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05 COMIREX NO: 25X1

DIA IIM 5B1-72785-79 03 AUG 79 SEC CLASS: 14B MSN: 0003P ACCN: S0880125X1

POPOVITSA AMMUNITION DEPOT SOUTH 501
WAC NO : 0322 BE/OBJ NO: NPIC NO : - 132 25X1
IDHS CODE: EPF CAT : 35F COMIREX NO: 25X1

DIA IIM 5B1-72777-79 03 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: S0880125X1

LIEPAJA BOMBING RANGE SEARCH
WAC NO : 0152 BE/OBJ NO: NPIC NO : - 25X1
IDHS CODE: EPF CAT : 05 COMIREX NO: 25X1

DIA IIM 5B1-72786-79 03 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: S088033 25X1

LIPOVO BOMBING RANGE SEARCH
WAC NO : 0153 BE/OBJ NO: NPIC NO : -

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE:

EPF CAT : 05

COMIREX NO:

25X1

25X1

DIA IIM 5B1-72758-79 03 AUG 79 SEC CLASS: 14 MSN: 0005P ACCN: S0880325X1

KERCH/BAGEROVO BOMBING RANGE

WAC NO : 0249

BE/OBJ NO:

UR 452630N 0360910E

NPIC NO : - 13-D1

IDHS CODE:

EPF CAT : 05

COMIREX NO:

25X1

25X1

DIA NOTE 03 AUG 79 SEC CLASS: 13 MSN: 0002P ACCN: S0880325X1

DONGUZ ARTILLERY TEST AREA T-72 TANK

WAC NO : 0236

BE/OBJ NO:

UR 513200N 0545640E

NPIC NO : - 11

IDHS CODE:

EPF CAT : 356

COMIREX NO:

25X1

25X1

DIA NOTE 03 AUG 79 SEC CLASS: 13 MSN: 0005P ACCN: S0880325X1

CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET

WAC NO : 0168

BE/OBJ NO:

UR 543824N 0214808E

NPIC NO : - 17-U

IDHS CODE:

EPF CAT : 35A

COMIREX NO:

25X1

25X1

CHERNYAKHOVSK ARMY BKS AL8 DO-EL-5 ECM SET

WAC NO : 0168

BE/OBJ NO:

UR 543824N 0214808E

NPIC NO : - 17-U

IDHS CODE:

EPF CAT : 25A

COMIREX NO:

25X1

25X1

THE DO-EL-05 (DONGUZ-ELECTRONICS VEHICLE-5TH VEHICLE SIGHTED) WAS OBSERVED FOR THE FIRST TIME WITH THE AIR DEFENSE JAMMING BATTALION AT CHERNYAKHOVSK ARMY BARRACKS WEST AL8 THE DO-EL-05 IS ONE OF A SERIES OF ECM RELATED VEHICLES WHICH HAS BEEN OBSERVED AT THE DONGUZ ARTILLERY TEST AREA. OF THESE ONLY THE DO-EL-01 APPEARS TO HAVE BEEN DEPLOYED.*

25X1

25X1

25X1

169
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

DIA IIM 5B1-72766-79 06 AUG 79 SEC CLASS: 14 MSN: 0004P ACCN: S088025X1

LITOVKO BOMBING RANGE

WAC NO : 0204

IDHS CODE:

BE/OBJ NO:

EPF CAT : 05

UR 491755N 1352708E

NPIC NO : -

COMIREX NO:

25X1

DIA IIM 5B1-73791-79 06 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: S088025X1

LOVOZERO BOMBING RANGE SEARCH

WAC NO : 0153

IDHS CODE:

BE/OBJ NO:

EPF CAT : 05

UR 5943 N 02805 E

NPIC NO : -

COMIREX NO:

25X1

25X1

DIA NOTE 07 AUG 79 SEC CLASS: 13 MSN: 0002P ACCN: S088025X1

BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS

WAC NO : 0233

IDHS CODE:

BE/OBJ NO:

EPF CAT : 35A

UR 502950N 0304430E

NPIC NO : - 30-C

COMIREX NO:

25X1

25X1

DIA IIM 5B1-73800-79 08 AUG 79 SEC CLASS: 14B MSN: 0004P ACCN: S088025X1

POLTAVA SIGNAL EQUIPMENT STGE + RPR DPO DS1

WAC NO : 0234

IDHS CODE:

BE/OBJ NO:

EPF CAT : 35F

UR 493620N 0343158E

NPIC NO : - 31-A5

COMIREX NO:

25X1

25X1

DIA IIM 5B1-73798-79 10 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: S088025X1

NARVA BOMBING RANGE SEARCH

WAC NO : 0153

BE/OBJ NO:

UR 5930 N 02825 E

NPIC NO : -

25X1

170

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: []		EPF CAT : 05	COMIREX NO:		25X1
DIA	IIM	5B1-72788-79	10 AUG 79	[]	25X1
		LUGANSK BOMBING RANGE SEARCH	UR 4834 N 03920 E	0001P	25X1
		WAC NO : 0234	NPIC NO : -		25X1
		IDHS CODE: []	COMIREX NO:		25X1
DIA	IIM	5B1-72818-79	10 AUG 79	[]	25X1
		STANKE DIMITROV MILITARY TRAINING AREA	BU 421810N 0231200E	0002P	25X1
		WAC NO : 0322	NPIC NO : - 87-E		25X1
		IDHS CODE: []	COMIREX NO:		25X1
DIA	IIM	5B1-72829-79	10 AUG 79	[]	25X1
		KALININGRAD AVTOKOLONNA 1115	UR 544356N 0203018E	0003P	25X1
		WAC NO : 0169	NPIC NO : -		25X1
		IDHS CODE: []	COMIREX NO:		25X1
DIA	IIM	5B1-72814-79	13 AUG 79	[]	25X1
		SOLTSY BOMBING RANGE SEARCH	UR 5817 N 03045 E	0001P	25X1
		WAC NO : 0153	NPIC NO : -		25X1
		IDHS CODE: []	COMIREX NO:		25X1
DIA	IIM	5B1-72726-79	13 AUG 79	[]	25X1
		PROSVET AMMUNITION DEPOT SE DA1	UR 553310N 0650634E	0003P	25X1
		WAC NO : 0164	NPIC NO : - 4-A		25X1
		IDHS CODE: []	COMIREX NO:		25X1
DIA	IIM	5B1-72824-79	13 AUG 79	[]	25X1
		GOMEL AVTOKOLONNA 2443	UR 522511N 0305735E	0006P	25X1
		WAC NO : 0167	NPIC NO : -		25X1
		IDHS CODE: []	COMIREX NO:		25X1
DIA	IIM	5B1-72832-79	14 AUG 79	[]	25X1
		KALININGRAD AVTOKOLONNA 1703	UR 544435N 0202848E	0003P	25X1
		WAC NO : 0169	NPIC NO : -		25X1
		IDHS CODE: []	COMIREX NO:		25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA IIM 5B1-72819-79 14 AUG 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: 50880 [] 25X1
ZUBOVKA BOMBING RANGE SEARCH UR 6846 N 03235 E
WAC NO : 0051 BE/OBJ NO: NPIC NO : -
IDHS CODE: [] EPF CAT : 05 COMIREX NO: [] 25X1
DIA IIM 5B1-73797-79 14 AUG 79 [] SEC CLASS: 14 MSN: [] 0004P ACCN: 50880 [] 25X1
LUMBOVKA ASM/BOMBING RANGE PROB UR 674858N 0403219E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 56 25X1
IDHS CODE: [] EPF CAT : 40J COMIREX NO: [] 25X1
LUMBOVKA ASM/BOMBING RANGE PROB UR 674858N 0403219E
WAC NO : 0092 BE/OBJ NO: [] NPIC NO : - 56 25X1
IDHS CODE: [] EPF CAT : 05 COMIREX NO: [] 25X1

25X1

DIA IIM 5B1-72825-79 13 AUG 79 [] SEC CLASS: 14 MSN: [] 0003P ACCN: 50880 [] 25X1
KALININGRAD AVTOKOLONNA 1114 UR 544251N 0203222E
WAC NO : 0169 BE/OBJ NO: [] NPIC NO : - 25X1
IDHS CODE: [] EPF CAT : 85A COMIREX NO: [] 25X1
NPIC MEMO [] 14 AUG 79 [] SEC CLASS: 14B MSN: [] 0002P ACCN: 50880 [] 25X1
DOVSK RADIO RELAY STATION UR 530920N 0302650E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 159 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: [] 25X1
THIS MEMO REVIEWS [] AND PROVIDES A CURRENT DESCRIPTION OF THE DOVSK
RADREL STATION. NO CABLE BUNKERS COULD BE IDENTIFIED WITHIN A 10 NAUTICAL MILE RADIUS OF DOVSK.* 25X1
NPIC MEMO [] 16 AUG 79 [] SEC CLASS: 14B MSN: [] 0001P ACCN: 50880 [] 25X1
MAKINSK RADIO RELAY STATION NEW SEARCH UR 5238 N 07025 E
WAC NO : 0163 BE/OBJ NO: [] NPIC NO : - 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

NPIC MEMO 17 AUG 79 SEC CLASS: 14B MSN: 0002P ACCN: S08809325X1

PESKI RADIO RELAY STATION

WAC NO : 0167

BE/OBJ NO:

UR 551339N 0384626E

NPIC NO : - 163-B1

IDHS CODE:

EPF CAT : 25D

COMIREX NO:

25X1

25X1

THIS MEMO REVIEWS TO DETERMINE THE NUMBER, TYPE AND ORIENTATIONS OF ANTENNAS AT PESKI RADREL STATION.*

25X1

DIA IIM 5B1-72844-79 16 AUG 79 SEC CLASS: 14 MSN: 0003P ACCN: S08810125X1

DZHAMBUL AMMUNITION DEPOT

WAC NO : 0328

BE/OBJ NO:

UR 425934N 0713903E

NPIC NO : - 12-H

IDHS CODE:

EPF CAT : 35F

COMIREX NO:

25X1

25X1

DIA IIM 5B1-72846-79 16 AUG 79 SEC CLASS: 14 MSN: 0004P ACCN: S08810225X1

KOVEL BOMBING RANGE

WAC NO : 0233

BE/OBJ NO:

UR 512100N 0250900E

NPIC NO : - 194

IDHS CODE:

EPF CAT : 05

COMIREX NO:

25X1

25X1

DIA IIM 5B1-72847-79 20 AUG 79 SEC CLASS: 14 MSN: 0010P ACCN: S08810325X1

ARSENYEV ARMY BARRACKS AL1

WAC NO : 0282

BE/OBJ NO:

UR 440739N 1331649E

NPIC NO : - 44-C1

IDHS CODE:

EPF CAT : 35A

COMIREX NO:

25X1

25X25X1

25X1

TOP SECRET CHESS RUFF

25X1

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TOP SECRET



TOP SECRET

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