

TOP SECRET

(See inside cover)

25X1

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



MONTHLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS NOVEMBER 1979

TOP SECRET

PEP-011/79
DECEMBER 1979
Copy 10

25X1
25X1

Page Denied

Top Secret CHESS RUFF

25X1
25X1

PHOTOGRAPHIC EXPLOITATION PRODUCTS

MONTHLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS NOVEMBER 1979

DECEMBER 1979

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Reverse side blank

25X1

Top Secret

Top Secret CHESS RUFF [redacted]
[redacted]

25X1
25X1

TABLE OF CONTENTS

	Page
Introduction	v
Guide to Users	vii
Part I. Listing of Reports Alphabetically	1
Part II. Listing of Reports by Originator	23
Part III. Listing of Reports by General Subject	37
Part IV. Listing of Reports by Coordinates	59
Part V. Listing of Reports by WAC/BE Number	77
Part VI. Listing of Reports by Accession Number	93



Top Secret CHESS RUFF

25X1

25X1

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, [redacted] 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.

25X1

Reverse side blank

- v -

Top Secret

25X1

Top Secret CHESS RUFF

25X1
25X1

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.

25X1

25X1

Top Secret CHESS RUFF

25X1

25X1

ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

ARA	-All Source Research Aid	IRP	-Imagery Research Paper
BIBLO	-Bibliography	LOT	-Letter of Transmittal
BIIB	-Basic Imagery Interpretation Brief	MCS	-Mission Coverage Statistics
BIIR	-Basic Imagery Interpretation Report	MEMO	-Memorandum
BRAD	-Briefing Aid (Only Microfiche Copies are available)	MIPIR	-Multi-mission Imagery Interpretation Report
BREF	-Photographic Interpretation Brief	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	REPT	-Photographic Interpretation Report
IRA	-Imagery Research Aid	SPIR	-Special Photographic Intelligence Report

25X1

25X1

Top Secret CHESS RUFF [redacted]
[redacted]

25X1
25X1

ABBREVIATIONS AND NUMERIC CODES (CONTINUED)

REPORT TYPES (Continued)

SR - Summary Report
STDY - Study
SUPR - Supplemental Photographic Intelligence Report
TP - Technical Publication

[redacted]

08 - CONFIDENTIAL [redacted]
10 - TOP SECRET CHESS
11 - TOP SECRET CHESS [redacted]
13 - TOP SECRET CHESS RUFF

25X1

25X1

14 - TOP SECRET CHESS RUFF [redacted]
20 - TOP SECRET [redacted]
21 - TOP SECRET [redacted]

25X1
25X1

SECURITY CLASSIFICATION

00 - UNCLASSIFIED
01 - TOP SECRET
02 - TOP SECRET [redacted]
04 - SECRET
05 - SECRET [redacted]
07 - CONFIDENTIAL

22 - TOP SECRET CHESS [redacted]
23 - TOP SECRET CHESS [redacted]
24 - TOP SECRET CHESS RUFF [redacted]
25 - TOP SECRET CHESS RUFF [redacted]
25 - TOP SECRET CHESS RUFF [redacted]

25X1

25X1
25X1

[redacted]

25X1

Top Secret **CHES RUFF** [redacted]
[redacted]

25X1
25X1

ORIGINATOR

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

[redacted]

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

[redacted]

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

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

[redacted]

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

[redacted]

USIB - UNITED STATES INTELLIGENCE BOARD

25X1
25X1

25X1
25X1

[redacted]

25X1

- x -
Top Secret

Top Secret CHESS RUF [redacted]
[redacted]

25X1
25X1

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

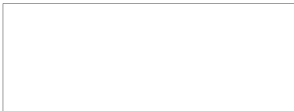
Submarine bases, naval bases and air stations, shipyards, research, and equipment.

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.



Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

PART I

Listing of Reports Alphabetically

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCT NO.
AIRCRAFT, CANDID IL-76 ROTORONE	UR		5088585
AIRCRAFT, FORGER YAK-36 ENGINE CANVAS-COVERED	UR		5088299
AIRCRAFT, FOXBAT MODIFIED FUEL TANK	UR		5088588
AIRCRAFT, KAM K	UR		5088635
AIRCRAFT, KAM K	UR		5088610
AIRFIELDS, ACTIVITY SUMMARY JULY 1979	GC		5088600
AIRFIELDS, ACTIVITY SUMMARY JUNE 1979	GC		5088599
AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I	UR	481838N 0461424E	5088595
AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I	UR	481838N 0461424E	
AKHTUBINSK/VLADIMIROVKA /REA AFLD BACKFIRE B	UR	481851N 0461630E	5088499
AL ISKANDARIYAH SAM TRNG SITE 26 CSA-1 EQUIP	LG	311850N 0300322E	5088388
AL GAHIRAH AIRFIELD WEST HAY-SERIES ANTENNAS	LG	300706N 0305500E	5088534
AL GAHIRAH ALMAZA AIRFIELD HAY-SERIES ANTENNA	LG	300536N 0312128E	
ALGER/DAR EL BEIDA AFLD T-72/BTR-60PG IDENT	LG	364136N 0031302E	5088424
ALMA ATA MILITARY STORAGE DEPOT CHEMOLGAN	UR	432257N 0763627E	5088724
ANAMA ARMY BARRACKS	UR	435000N 1464600E	5088288
ARSEN'YEV AIRFIELD PLANT 116 HIND D MI-24	UR	440859N 1331523E	5088342
AZ ZAGAZIQ AIRFIELD HAY-SERIES ANTENNAS	LG	303550N 0313956E	5088534
AZ ZUWAYTINAN AIRFIELD	LY	305217N 0200431E	5088318
BAGRAM AIRFIELD AIRBORNE INFANTRY TH SOV PROB	AF	345700N 0601602E	5088622
BALAKLAVA BALLOON SITE EAST VLF ANTENNA ACT	UR	443015N 033656 E	5088483
BALAKLAVA SUBMARINE BASE + SHIP REPAIR YARD	UR	443010N 0333554E	5088420
BALAKLAVA SUBMARINE BASE + SHIP REPAIR YARD	UR	443010N 0333554E	

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COUN	COORD	ACCN NO.
BALLESH PETROLEUM REFINERY	AL	403615N 0194535E	S088621
BALLESH PETROLEUM REFINERY	AL	403615N 0194535E	S088701
BALLESH PETROLEUM REFINERY	AL	403615N 0194535E	S088271

25X1

BARKOSOVO RAILROAD TRANSLOADING YARD	UR	482210N 0222935E	S088294
BATEVO RAILROAD TRANSLOADING YARD	UR	482145N 0222318E	
BATEVO RAILROAD YARD EAST	UR	482116N 0222439E	
BELAYA AIRFIELD) AAM U/I FIDDLER TU-128 MTD	UR	525454N 1033434E	S088489
BELAYA AIRFIELD) AAM U/I FIDDLER TU-128 MTD	UR	525454N 1033434E	
BELOGORSK ARMY BKS AL6 M-1976 BMP VARIANT	UR	505350N 12A2700E	S088393
BENINA AIRFIELD)	LY	320545N 0201630E	S088318
BERAT/STALIN AIRFIELD EW RADAR FACILITY	AL	404700N 0195400E	S088701
BEREZOVSKOYE COAL MINING ACTIVITY	UR	5540 N 08910 E	S087503
BEZRECHNAYA ARMY BARRACKS AL1 SA-8 REGIMENT	UR	504306N 1161057E	S088385
BEZRECHNAYA ARMY BKS AL1 AMMO STGE DPO EXPLO	UR	504306N 1161057E	S088421
BIHAC AIRFIELD)	YO	445103N 0154601E	S088496
BORNE ARMY BARRACKS 201 SS-1 BRIGADE UPGRADED	PL	533455N 0163233E	S088454
BORODINO COAL MINING	UR	5554 N 09454 E	S087503
BORZYA AIRFIELD) NW HAWK MOCKUP	UR	502347N 1162037E	S088426
BORZYA AIRFIELD) NW HAWK MOCKUP	UR	502347N 1162037E	
BROVARY ARMY BKS AL1 BROVARY RVR CROSSING VEH	UR	502950N 0304430E	S088670

25X1

BULGIZE ORE PROCESSING PLANT	AL	412834N 0201220E	S088621
BURGAS PETROLEUM REFINERY KAMENO	BU	423245N 0272017E	S088684

2
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESSE RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
BURREL INDUSTRIAL FACILITY U/I	AL	413438N 0195800E	5088621
BURREL INDUSTRIAL FACILITY U/I	AL	413438N 0195800E	
CAM RANH DF FACILITY FIX-24	VM	120103N 1091017E	5088332
CAPE TOWN POL STORAGE 1 MILNERTON CALTEX	SF	335000S 0183200E	5088619
CAPE TOWN POL STORAGE 2 MILNERTON CALTEX	SF	335100S 0183240E	
CERRIK PETROLEUM REFINERY	AL	410216N 0195810E	5088271
CESKY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A	CZ	484939N 0141840E	5088673
CESKY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A	CZ	484939N 0141840E	
CHANGCHUN MOTOR VEHICLE PLANT	CH	435054N 1251440E	5088343
CHIAMUSSU ALUMINUM PLANT	CH	464820N 1301710E	5088444
CHINGYU MTC SSM R+D/TRNG SITE B CSS-3 ERECTOR	CH	421755N 1265231E	5088642
CHINGYU MTC SSM SUPPORT FAC CSS-3 TRANSPORTER	CH	421658N 1265314E	
CHINGYU MTC SSM TEST LNCH SITE POSS CSS-3 GSE	CH	421755N 1265231E	5088441
CHIRCHIK ARMY BARRACKS AL1 + SCHOOL ABRN REGT	UR	413050N 0693720E	5088381
CHIRCHIK ARMY BARRACKS AL1 + SCHOOL ABRN REGT	UR	413050N 0693720E	
CHITA AIRFIELD NW BIVOUAC AREA AIRBORNE FLTD	UR	520420N 1132615E	5088451
CHOP BORDER SECURITY POST WEST	UR	482608N 0220828E	5088294
CHOP RAILROAD TRANSLOADING YARD	UR	482556N 0221313E	
CHUGUYEV MILITARY DEPOT SE DX1	UR	494657N 0364442E	5088721
CHUNSIEN ALUMINUM PLANT	CH	285345N 1185320E	5088444
DACHNOYE MILITARY BKS AL1 + HQ ARTY MRL U/I	UR	464412N 1424520E	5088131
DAURIYA ARMY BARRACKS AL1 + HQ MRD SA-6 REGT	UR	495550N 1165107E	5088385
DEHRA DUN INTERNATIONAL SATFLITE GROUND STA	IN	301032N 0780635E	5088330

25X1

TOP SECRET CHESSE RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT

COUN

COORD

ACCN NO.

25X1

DOMNA AIRFIELD AIRBORNE REGIMENT DEPLOYED

UR

515455N 1130715E

5088451

25X1

DROVYANAYA SSM COMPLEX SS-20 REMOTE SITE

UR

512743N 1131147E

5088683

DUBNO AIRFIELD NE FENCE A SU-19

UR

502645N 0255017E

5088527

DURBAN POL STORAGE AREA LOUIS BOTHA 2

SF

295830S 0305650E

5088619

DURBAN POL STORAGE BP SHELL 1

SF

295830S 0305800E

DURBAN PORT FACILITIES RESHEF P66 ASW-CONFIG

SF

295230S 0310230E

5088386

DURBAN SHIP REPAIR YARD SANDOCK RESHEF CL P66

SF

295318S 0305942E

5088399

DURRES INDUSTRIAL AREA

AL

411905N 0192715E

5088621

DURRES PORT FACILITIES EXPANSION ACTIVITY

AL

411833N 0192716E

ELBASAN IRON + STEEL PLANT

AL

410452N 0200118E

25X1

ELECTRONICS, CONE TWIST ESM/DF ANTENNA
ELECTRONICS, CONE TWIST ESM/DF ANTENNA
ELECTRONICS, GRILL TWIST ESM/DF ANTENNA
ELECTRONICS, GRILL TWIST ESM/DF ANTENNA

UR

UR

UR

UR

5088302

ELECTRONICS, ICBM TYPE 3X GUIDANCE RLTD FACS

UR

5088503

ELECTRONICS, PHASED ARRAY RADARS BREFS POSS

UR

5088332

ELECTRONICS, POP-UP ANTENNA ICBM ASSOC SEARCH

UR

5088509

ELECTRONICS, SH-EL-02 PLANAR APERTURE RADAR

UR

5088586

ELECTRONICS, SH-EL-02 PLANAR APERTURE RADAR

UR

5088507

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
ELECTRONICS, TURN CUT ESM/DF ANTENNA	UR		5088302
ELECTRONICS, TURN CUT ESM/DF ANTENNA	UR		
ELECTRONICS, TURN POLE ESM/DF ANTENNA	UR		
ELECTRONICS, TURN POLE ESM/DF ANTENNA	UR		
ELECTRONICS, TURN SPIKE ESM/DF ANTENNA	UR		
ELECTRONICS, TURN SPIKE ESM/DF ANTENNA	UR		
ESFAHAN IRON + STEEL PLANT	IR	322540N 0511950E	5088306
FERGANA ARMY BARRACKS AL1 + HQ AIRBORNE DIV	UR	402300N 0714550E	5088381
FIER EW RADAR FACILITY	AL	404400N 0103100E	5088701
FIER NITROGEN FERTILIZER PLANT	AL	404225N 0103305E	5088621
FIER PETROLEUM REFINERY	AL	404220N 0103306E	
FIER PETROLEUM REFINERY	AL	404220N 0103306E	5088271
FIERZE HYDROELECTRIC POWER PLANT	AL	4215 N 02002 E	5088621

25X1

GHAT AIRFIELD NORTH CONSTRUCTION PROGRESS	LY	250802N 0100846E	5088472
---	----	------------------	---------

25X1

CODE AIRFIELD CONSTRUCTION ACTIVITY	LT	055620N 0433432E	5088487
GORKIY SHIPYARD 112 SUBMARINE REACTOR VAULTS	UR	562142N 0435228E	5088822
GWELO/THORNHILL AIRFIELD REVETMENT WALLS	GH	192609S 0205140E	5088390
HAMHUNG MACHINERY PLANT YONGSONG EXPLO DAMAGE	KN	394908N 1273558E	5088291
HANTAN ALUMINUM PLANT	CH	362805N 1142412E	5088444
HOFEI ALUMINUM PLANT	CH	315651N 1171610E	
HSIANGHSIANG ALUMINA + ALUMINUM PLANT	CH	274340N 1122950E	

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCT NO.
HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE	CH	385027N 1122757E	5088537
HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE	CH	385027N 1122757E	
HSINHSIEN COMSAT STATION DOMESTIC PROB	CH	382950N 1123245E	
HSINHSIEN COMSAT STATION WEST	CH	382557N 1122745E	
HSINHUA SSM/SPACE TRACKING FACILITY	CH	274605N 1111535E	5088506
HSINHUA SSM/SPACE TRACKING FACILITY AREA A	CH	274605N 1111535E	5088584
HSINHUA SSM/SPACE TRACKING FACILITY AREA B	CH	274605N 1111535E	5088583
HUAIJOU MISSILE PROPULSION R+D FACILITY	CH	402424N 1164027E	5088334
HUMERA AIRFIELD	LT	141500N 0363500E	5088341
HUN AIRFIELD RUNWAY CONSTRUCTION	LY	290650N 0155710E	5088339
HUNGNAM RAIL YARD MUNITIONS TRAIN EXPLOSION	KN	395018N 1273741E	5088291
IKOVKA ORDNANCE DEPOT D01	UR	553553N 0645748E	5088609
INDUSTRY, ALUMINA + ALUMINUM PLANTS	CH		5088444
INDUSTRY, PETROLEUM REFINERIES	AL		5088271
INDUSTRY, PETROLEUM REFINERIES	RU		5088684
INDUSTRY, STEAM PLTS/POL STGE NEW SS-20 BASES	UR		50887505
IRKUTSK ORDNANCE DEPOT BATAREYNAYA D01	UR	522250N 1040923E	5088725
JIJIJA AIRFIELD	LT	092128N 0424715E	5088477
JUNGYANG ALUMINA + ALUMINUM PLANT	CH	344852N 1131632E	5088444
JUNNAR INTERNATIONAL SATELLITE STATION ARVI	IN	190900N 0735700E	5088327
KABRIDAR AIRFIELD	LT	064402N 0441558E	5088479
KALININGRAD SHIPYARD ST, TE 8200 CL COMBATANT	UR	544137N 0202616E	5088492
KANBUTH AIRFIELD 3 REDEVELOPMENT	LY	315055N 0243553E	5088490

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
KAPUSTIN YAK MTC COMPLEX C SITE 1 EQUIP U/I	UR	483658N 0461800E	5088530
KAPUSTIN YAK MTC CPLX C SITE 1 CYLINDER U/I	UR	483658N 0461800E	5088581
KAPUSTIN YAK MTC ELCT RLTD FAC DO-FI-06 RADAR	UR	485008N 0453911E	5088416
KAZAN AIRFIELD NORTH BACKFIRE B MODIF ACT	UR	555203N 0490800E	5088531
KEGICHEVKA ORDNANCE DEPOT D01	UR	491617N 0354453E	5088722
KHARKOV AIRFRAME PLANT 135 EXPANSION 1974-79	UR	500129N 0361542E	5088484
KLETSK MILITARY DEPOT	UR	530430N 0263840E	5088723
KOMSOMOLSK AIRFRAME PLANT ORUZHONIKIDZE 126	UR	503518N 1370525E	5088635
KOMSOMOLSK SHIPYARD 199 SUB REACTOR VAULTS	UR	503232N 1370248E	5088822
KOROSTEN ARMY BARRACKS NNE AL4 TANK DIV EXPMT	UR	510700N 0284100E	5088682
KOROSTEN ARMY BARRACKS NNE AL4 T-64/T-72 TANK	UR	510700N 0284100E	5088672
KOTLEN AIRFIELD FLOGGER G MIG-23 COUNTS HIGH	UC	514319N 0115744E	5088314
KOZLE AMMUNITION STORAGE FACILITY 505	PL	502004N 0180936E	5088719
KRASNAYA RECHK. COMMAND CNTRL RDO F.C LKR U/I	UR	482040N 1350730E	5089011
KRASNAYA RECHK. RADCOM STATION	UR	481958N 1350653E	
KRASNOYARSK HEAT + THERMAL POWER PLANT T-1S 1	UR	560132N 0930144E	5087503
KRASNOYARSK HEAT + THERMAL POWER PLANT T-1S 2	UR	555720N 0925920E	
KSTOVO IONOSPHERIC HEATER ANTENNA SEARCH	UR	5611 N 04411 E	5088706
KULDIGA NAVAL VLF RADCOM TRANSMITTER STAZBKR	UR	565628N 0215532E	5088483
KULDIGA NAVAL VLF RADCOM TRANSMITTER STAZBKR	UR	565628N 0215532E	
KULDIGA NAVAL VLF RADCOM TRANSMITTER STAZBKR	UR	565628N 0215532E	

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
ZSXI

SUBJECT	COUN	COORD	ACCN NO.
KUSHKA ARMY BAS AL1/HQ MRD COMBAT UNIT MOV	UR	351631N 0622020E	S088655
KUSONG TANK PLANT PUG	UR	400318N 1251320E	S088644
KUYBYSHEV AEROSPACE PRODUCTION PLANT 1 CONST	UR	531315N 0501804E	S088625
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088589
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088596
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088525
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	
KUYVOZI SIGINT SITE DO-EL-02 ESM RADAR POSS	UR	602800N 0302500E	S088821
LABRAQ AIRFIELD REDEVELOPMENT	LY	324739N 0215750E	S088471
LAC CHEMICAL + COPPER PLANT	AL	413942N 0104208E	S088621
LENINGRAD AIRCRAFT ENG FLT 117 TEST CELL BLDG	UR	595851N 0302023E	S088572
LENINGRAD AIRCRAFT ENGINE PLT 117 170TOV OKB	UR	595851N 0302023E	S088555
LENINGRAD AIRCRAFT ENGINE PLT 117 170TOV OKB	UR	595851N 0302023E	S088514
LENINGRAD SHIPYARD ZHDANOV 190A CL COMBATANT	UR	595233N 0301406E	S088473

LIENKENGWANG SCM COMPLEX	CH	301200N 1174330E	S088557
LIENKENGWANG SCM COMPLEX	CH	301200N 1174330E	S088556
LOMONOSOV LASER WPN FAC FITTER FUSELAGE IDENT	UR	595412N 0290118E	S088322
LOMONOSOV LASER WPN FAC FITTER FUSELAGE IDENT	UR	595412N 0290118E	
LONING ICBM SITE 1	CH	342143N 1115045E	S088549
LONING ICBM SITE 1 SILO CONSTRUCTION	CH	342143N 1115045E	S088513
LONING ICBM SITE 2	CH	341702N 1113735E	S088549

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COUN	COORD	ACCN NO.
LONING ICBM Site 2	CH	341702N 1113735E	5088513
LOYANG SSM RAIL TRANSSHIPMENT FAC CSS-X-4 GSE	CH	343535N 1122600E	5088422
LUNGKOU OPTICAL TRACKING FACILITY	CH	374110N 1201330E	5088450
LUSHUN OPTICAL TRACKING FACILITY	CH	384728N 1211810E	
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	554154N 0375242E	5088523
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	554154N 0375242E	5088592
MADRAS SATELLITE GROUND STATION DOMESTIC	IN	130750N 0801025E	5088328
MARBLE ARCH AIRFIELD CABLE-LAYING UNIT POSS	LY	302735N 0183430E	5088474
MCS 1215-4			5088825
MCS 4350-2			5088686
MASS MOTOR VEHICLE PLANT URAL	UR	550425N 0600630E	5088392
MILITARY, CHINA-VIETNAM CONFLICT WPNS ACT SOV	CH		5088459
MILITARY, CHINA-VIETNAM CONFLICT WUHAN MR ACT	CH		5088293
MILITARY, COMB T BRIGADES ORG/EQUIP HOLDINGS	G		5088620
MILITARY, CONSTRUCTION BATTALIONS NONDIVISION	UR		5088280
MILITARY, GROUND FORCES ACTIVITY MRCS	RO		5087501

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN No.
MILITARY, GUERRILLA FORCES	AO		5088627
MILITARY, M-1978 SP GUN PRODUCTION	AN		5088332
MILITARY, PONTOON BRIDGE REGT U/I KUNMING MR	CH		5088626
MILITARY, PONTOON BRIDGE UNITS	CH		5088819
MILITARY, VIETNAM-CHINA CONFLICT WPNS ACT SOV	VM		5088459
MILITARY, VIETNAM-CHINA CONFLICT WUHAN MR ACT	VM		5088283
MILITARY, ZPU-2 14.5MM MACHINE GUN INF REGTS	CH		5088291
MILITARY, 11TH ARMY KUNMING MILITARY REGION	CH		5088624
MILITARY, 4TH ARTILLERY DIVISION KUNMING MR	CH		5088618
MILITARY, 65TH AAA DIVISION KUNMING MR	CH		5088617
MILITARY, 85MM ANTI-TANK GUN INFANTRY REGTS	CH		5088291
MISRATAH AIRFIELD	LY	321928N 0150350E	5088318
MISSILES, CSS-X-4	CH		5088502
MISSILES, CSS-X-4	CH		5088565
MISSILES, CSS-X-4/CSL-2 PROPELLANT TRANS	CH		5088423
MISSILES, CSS-X-4/CSL-2 PROPELLANT TRANS	CH		
MISSILES, CSS-1	CH		5088550
MISSILES, CSS-2 GSE 4-AXLE CHASSIS NEW	CH		5088817
MISSILES, ICBM TYPE 3F SILO SHOCK ISLTN CMPNT	UR		5088336
MISSILES, ICBM TYPE 3G SILO DOOR HINGE MECH	UR		5088571
MISSILES, ICBM TYPE 3G SILO MODIFIED CONST	UR		5088553
MISSILES, ICBM TYPE 3G SILO UPPER DETAILS	UR		5088554

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
MISSILES, ICBM TYPE 30 SILO UPPER DETAILS	UR		5088569
MISSILES, ICBM TYPE 3X SILO	UR		5088552
MISSILES, ICBM TYPE 3X SILO	UR		5088573
MISSILES, ICBM TYPE 3X SILO MODIFIED	UR		5088561
MISSILES, ICBM TYPE 3X SILO UPPER DETAILS	UR		5088547
MISSILES, PAYLOAD TRANSPORTER	UR		5088548

25X1

MISSILES, SLBM AT-SEA TEST RANGE POHAI STRAIT	CH		5088450
MISSILES, SS-N-6 DIMENSIONS	UR		5087502
MISSILES, SS-11 CANISTERS SHELTER USE	UR		5088338
MISSILES, SS-20 BASES STEAM PLTS/POI STG NEW	UR		5087505
MOGOCHA HELIPORT HIND D MI-24 WEAPONS U/I	UR	534425N 1194430E	5088481
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165	UR	554935N 0373935E	5088593
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165	UR	554935N 0373935E	5088536
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300	UR	554254N 0373415E	5088533
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300	UR	554254N 0373415E	5088590
MOSKVA AIRFIELD CENTRAL PARADE PREPARATIONS	UR	554717N 0373152E	5088647
MOSKVA MISSILE + SPA DEV CTR CENTRAL DESIGN BUREAU	UR	555517N 0374805E	5087506
MOSKVA MISSILE + SPA DEV CTR CENTRAL DESIGN BUREAU	UR	555517N 0374805E	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	5088707
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	5088501
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S088707
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S088574
MOSKVA MISSILE + SPACE DEV CTR RSCH INST 88	UR	555517N 0374805E	S088576
MOSKVA MISSILE + SPACE DEV CTR RSCH INST 88	UR	555517N 0374805E	S088564
MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER	UR	555517N 0374805E	S088564
MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER	UR	555517N 0374805E	S088564
MOSKVA/RAMENSKOYE AIRFIELD	UR	553405N 0380712E	S088646
MUKACHEVO MRBM RTP	UR	482420N 0223940E	S088294
MUKACHEVO POL STORAGE U/G BARKOSOVO	UR	482205N 0223212E	
MUKACHEVO RAILROAD TRANSLOADING YARD	UR	482529N 0224150E	
MUKACHEVO RAILROAD YARD SW	UR	482437N 0223825E	
NALCHIK ARMY BARRACKS NE AL1	UR	432957N 0433816E	S088720
NAMDAC CHON MILITARY COMPLEX U/C	KN	4027 N 12827 E	S088332
NANSHAN ISLAND AVIATION FACILITIES EXPSN	PG	104425N 1154820E	S088331
NASOSNYI AIRFIELD AIRCRAFT ENGINE TEST BLDG	UR	403534N 0493322E	S088712
NASOSNYI AIRFIELD FOXBAT A MIG-25 MODIFS SRCH	UR	403534N 0493322E	S088532
NAUSHKI TANK DEPOT D01	UR	502251N 1060719E	S088676
NAVAL, SHIPBUILDING DEVELOPMENTS	CH		S088332
NAVAL, TRAINING EXERCISES NORTH SEA FLEET	CH		S088391
NAZAROVO COAL MINING ACTIVITY	UR	5600 N 09024 E	S087503
NAZAROVO THERMAL POWER PLANT GRES 1	UR	560220N 0902022E	
NENOKSA NAVAL MTC TRACKING FACILITY	UR	643807N 0390924E	S088710

25X1

25X1

12
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCT NO.
NEW DELHI SATELLITE STATION DOMESTIC	IN	283644N 0771100E	5088329
NIKOLAYEV SHIPYARD NORTHERN 445F CL COMBATANT	UR	465840N 0320019E	5088470
NIZHNYAYA SALDA ROCKET ENGINE TEST FAC CONST	UR	580930N 0605602E	5088568
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	5088563
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	5088570
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	5088567
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	5088575

25X1

OLOVYANNAYA AIRFIELD AIRBORNE REGIMENT DPL	UR	510100N 1152540E	5088451
OMSK ORDNANCE + AMMUNITION DEPOT	UR	550052N 0732337E	5088726
OSH ARMY BKS ALI/SAM SUP FAC/RSV EQUIP DEPOT	UR	403100N 0724503E	5088381
OSH ARMY BKS ALI/SAM SUP FAC/RSV EQUIP DEPOT	UR	403100N 0724503E	
OSTROV SSM TRAINING POSITION 2 SS-11 ACTIVITY	UR	572310N 0281000E	5088512
OVRUCH ARMY BKS ALI + HQ TANK DIV BTR-70 APC	UR	511947N 0284744E	5088671
OVRUCH ARMY BKS ALI/HQ TR DIV COMBAT REGT NEW	UR	511947N 0284744E	5088480
FARDUBICE RADAR RESEARCH + PROD FLT OPOCINEK	CZ	500116N 0153227E	5088935
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC	UR	482658N 0355723E	5088395

13
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COUNTRY	COORD	ACCN NO.
PAVLOGRAD SOLID MOTOR TEST FAC SS-17/18 LAD	UR	482605N 0355817E	S088384
PERM AIRCRAFT ENGINE PLT STALIN SOLOVYEV OKB	UR	575848N 0561508E	S088524
PERM ORDNANCE DEPOT CENTRAL D01	UR	575939N 0561601E	S088613
PETROPAVLOVSK ARMY BARRACKS AL24	UR	530344N 1583812E	S088615
PETROPAVLOVSK ARMY BARRACKS AL25	UR	525925N 1584558E	S088675
PETROPAVLOVSK ARMY BARRACKS AL8	UR	530125N 1584225E	S088718
PETROPAVLOVSK MISSILE ASSEMBLY FACILITY PROB	UR	545247N 0691643E	S088395
PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED	UR	430703N 1322017E	S088542
PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED	UR	430703N 1322017E	S088542
PHONG SAVAN AIRFIELD WEST RECONSTRUCTION	LA	192736N 1031142E	S088331
PIENKUAN RADIO RELAY STATION BUNKERFD	CH	392144N 1113535E	S088537
PLESETSK MTC ICLM SITE 21 TEL U/I	UR	625823N 0412408E	S088587
PLEVEN PETROLEUM REFINERY YASEN	BU	432424N 0242916E	S088684
POLTAVA AAA DEPOT SW D01	UR	493459N 0343148E	S088677
PORT BLAIR MILITARY BARRACKS U/I	IN	113934N 0924457E	S088335
PORT BLAIR NAVAL BASE	IN	114015N 0924340E	
PORT BLAIR POL STORAGE HOOD POINT	IN	114035N 0924305E	
PORT BLAIR PORT FACILITIES CHATHAM ISLAND	IN	114054N 0924354E	
PORT BLAIR RADCOM RCVR/XMTR STATION GOVT	IN	113934N 0924536E	
PORT BLAIR SHIPYARD ANDAMAN ISLAND SOUTH	IN	114010N 0924450E	
PORT BLAIR U/I INSTALLATION U/C	IN	113838N 0924314E	
RAMENSKOYE FLIGHT TEST CENTER	UR	553418N 0380923E	S088646
RAMENSKOYE FLIGHT TEST CENTER AEROBY OBJ U/I	UR	553418N 0380923E	S088558

25X1
25X114
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCT NO.
RAMENSKOYE FLIGHT TEST CENTER AEROBY VEH U/I	UR	553418N 0380923E	5088475
RAMENSKOYE FLIGHT TEST CENTER AREA 5	UR	553238N 0380710E	5088714
RAMENSKOYE FLIGHT TEST CENTER AREA 5	UR	553238N 0380710E	5088715
RAMENSKOYE FLIGHT TEST CENTER BACKFIRE B ACT	UR	553418N 0380923E	5088531
RAMENSKOYE FLIGHT TEST CENTER CANDID MODIF	UR	553418N 0380923E	5088486
RAMENSKOYE FLIGHT TEST CENTER RAM K	UR	553418N 0380923E	5088610
RAMENSKOYE FLIGHT TEST CENTER RAM K/L	UR	553418N 0380923E	5088488
RAMENSKOYE FLIGHT TEST CTR AREA 5 MYASISHCHEV	UR	553238N 0380710E	5088518
RAS KOH MOUNTAIN RANGE TUNNELING ACTIVITY U/I	PK	284709N 0645535E	5088616

25X1

REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	5088528
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	5088582
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	
RIGA SSM TRAINING FACILITY SS-11 ACTIVITY	UR	571120N 0242026E	5088512
ROSE PETROLEUM REFINERY LEON TADZHER	RU	435208N 0255917E	5088684
SALDANHA BAY POL STORAGE	BF	325945S 0180200E	5088619
SALISBURY AIRFIELD AIRBORNE ASSAULT PREP POSS	GH	175522S 0310605E	5087504
SALISBURY AIRFIELD REVETMENT WALLS	GH	175522S 0310605E	5088390
SAKATOV AIRFIELD PLANT 292 EXPANSION 1971-79	UR	512948N 0455703E	5088485
SARY SHAGAN MIC COMPLEX	UR	460106N 0722804E	5088551

25X1

TOP SECRET CHESS RUFF

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1

SUBJECT	COUN	COORD	ACCN NO.
SARY SHAGAN MTC COMPLEX B LAUNCHERS NEW	UR	460106N 0722804E	S088519
SARY SHAGAN MTC COMPLEX F	UR	462629N 0725108E	S088551
SARY SHAGAN MTC COMPLEX F ABM LAUNCH PSTN NEW	UR	462629N 0725108E	S088321
SARY SHAGAN MTC COMPLEX F ABM POSITION 3D U/C	UR	462629N 0725108E	S088541
SARY SHAGAN MTC COMPLEX F LAUNCHERS NEW	UR	462629N 0725108E	S088519

25X1

SASOLBURG POL STORAGE	SF	264810S 0275105E	S088619
SEBHA AIRFIELD	LY	270105N 0142750E	S088340

25X1

16
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN No.
SEVERODVINSK NAVAL MISSILE SUPPORT FAC	UR	643339N 0394627E	5088691
SEVERODVINSK SHIPYARD YAGRY OSTROV CONST	UR	643514N 0394907E	5088493
SEVERODVINSK SHIPYARD 402 CONSTRUCTION ACT	UR	643438N 0394832E	5088494
SEVERODVINSK SHIPYARD 402 SSGN HULL PLATE	UR	643438N 0394832E	5088678
SHANGHAI SHIPYARD KIANGNAN SUBMERSIBLE ACT	CH	311205N 1212901E	5088415
SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	CH	311205N 1212901E	5088323
SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	CH	311205N 1212901E	5088291
SHENYANG AIRFRAME PLANT 112 FLOGGER EGYPTIAN	CH	415208N 1232600E	5088332

25X1

SHIPS, C-1 CLASS SSGN	UR		5088383
SHKODER INDUSTRIAL AREA	AL	420455N 0193206E	5088621
SHUANGCHENG TZU AIRFIELD AAM IDENTIFIED	CH	402359N 0994731E	5088419
SHUANGCHENG TZU AIRFIELD AAM IDENTIFIED	CH	402359N 0994731E	
SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS	CH	410800N 1001500E	5088273
SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS	CH	410800N 1001500E	
SHUANGCHENG TZU MTC RANGEHEAD RECEIVER	CH	405507N 1000830E	5088522
SHUANGCHENG TZU MTC RANGEHEAD TRANSMITTER	CH	410917N 1001800E	
SIMFEROPOL ORDNANCE DEPOT SOUTH DOJ	UR	445545N 0340613E	5088612
SOVETSKAYA GAVAN SUBMARINE BASE	UR	490125N 1401531E	5088282
SPACE, COSMOS-1106	UR		5088708
SPACE, SL-12/13 CHRONOLOGY COMPARISON	UR		5088598
SPRATLY ISLAND AVIATION FACILITIES EXPANSION	PG	083900N 1115430E	5088331
STALIN PETROLEUM REFINERY	IL	404817N 0195435E	5088621

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
STALIN PETROLEUM REFINERY	PL	404817N 0195435E	S088271
STARAYA KUKA ORDNANCE DEPOT SW1	UR	514435N 1130110E	
STORAGE, FOL AREAS/STEAM PLTS NEW SS-20 ASSOC	UR		S087505
STRABICHEVO RAILROAD TRANSLOADING YARD	UR	482312N 0223340E	S088294
STRABICHEVO RAILROAD TRANSLOADING YARD EAST	UR	482228N 0223640E	
SULO SSM/SPACE TRACKING FACILITY	CH	392340N 0761220E	S088538
SULO SSM/SPACE TRACKING FACILITY	CH	392340N 0761220E	S088597
SUNGLIN SSM/SPACE TRACKING FACILITY	CH	275341N 1021408E	S088529
SUNGLIN SSM/SPACE TRACKING FACILITY	CH	275341N 1021408E	S088580
SURT AIRFIELD	LY	310334N 0163549E	S088318
SUWALKI MILITARY BARRACKS 3	PL	540511N 0225545E	S088668
SVERDLOVSK ARTILLERY TEST RANGE	UR	570400N 0604230E	S088674
TACHAITAN SSM SITE 1	CH	374709N 0952746E	S088559
TACHAITAN SSM SITE 1	CH	374709N 0952746E	S088508
TACHAITAN SSM SITE 2	CH	373600N 0954242E	S088559
TACHAITAN SSM SITE 2	CH	373600N 0954242E	S088508
TAGANROG AIRFRAME PLT DIMITROV 86 CANDID AWAC	UR	471150N 0385220E	S088482
TAIYUAN ALUMINUM PLANT	CH	375320N 1122830E	S088444
TATISHCHEVO ICBM TRNG SITE 35X GDNC/CALIB FAC	UR	514157N 0453248E	S088579
TENGSHAHO SSM FIELD PSTN 1/2 WHO MATING EXER	CH	390911N 1220453E	S088448

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
TESSENAI AIRFIELD	LT	150630N 0364030E	5088478
THITU ISLAND AVIATION FACILITIES EXPANSION	PG	110315N 1141659E	5088331
TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED	SY	343122N 0373745E	5088649
TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED	SY	343122N 0373745E	
TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED	SY	343122N 0373745E	5088425
TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED	SY	343122N 0373745E	

25X1

TOTSKOYE ARMY BARRACKS ALL MINE-ASSOC VEH	UR	523041N 0524711E	5088669
TRANSPORTATION, RAIL TRANSLOADING FACILITIES	UR		5088294
TRANSPORTATION, SCHNABEL SIDE BEAM RAIL CAR	CH		5088221
TUBRUQ AIRFIELD CONSTRUCTION PROGRESS	LY	320603N 0235032E	5088421
TUBRUQ PORT FACILITIES ARMS SHIPMENT	LY	320455N 0235850E	5088417
TUBRUQ SUBMARINE TRAINING SCHOOL	LY	320609N 0235825E	5088291
TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I	UR	5412 N 03737 E	5088517
TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I	UR	5412 N 03737 E	5088577
TYURATAM MTC CONSTRUCTION NEW	UR	455637N 0632755E	5088591
TYURATAM MTC ICBM SITE K2 SS-9 ASSOC ACTIVITY	UR	460204N 0630341E	5088540
TYURATAM MTC SPACE SITE U1/2 SL-12/13 SLV	UR	460214N 0630212E	5088380
TYURATAM/TARTUGAY MTC RADAR TEST F.C. AWACS	UR	442953N 0661406E	5088535
TYURATAM/TARTUGAY MTC RADAR TEST F.C. SUSP	UR	442953N 0661406E	5088578
TYURATAM/TARTUGAY MTC RADAR TEST F.C. 85M TWR	UR	443134N 0661516E	5088535
TYURATAM/TARTUGAY MTC RADAR TEST F.C. 85M TWR	UR	443134N 0661516E	5088578

14
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COUP	COORD	ACCH NO.
TZUPO ALUMINA + ALUMINUM PLANT	CH	364444N 1180324E	S088444
VALIAS COAL COLLIERY	AL	412245N 0194657E	S088621
VINOGRADOV ENGINEER + STORAGE DPO RZHM-56 BRG	UR	480755N 0230230E	S088641
VITEBSK ARMY BKS EAST AL5 ABRN DIV MBLZTN ACT	UR	551123N 0301341E	S088418
VLORE CHEMICAL FERTILIZER PLANT	AL	402825N 0192713E	S088621
VOLGOGRAD AMMUNITION + TANK DEPOT DA1/D01	UR	484212N 0442306E	S088608
VOTKINSK MISSILE ASSEMBLY + CHECKOUT FACILITY	UR	570224N 0540830E	S088395
VOZNESENSK ORDNANCE DEPOT D01	UR	473540N 0312008E	S088614

WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB	SF	333031S 0190155E	S088640
WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB	SF	333031S 0190155E	

25X1

25X1

WUCHAI MTC RADCOM STATION 1	CH	384930N 1114500E	S088537
WUCHAI MTC RADCOM TRANSMITTER STATION 2	CH	392330N 1111140E	
WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS	CH	385052N 1113632E	S088423
WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS	CH	385052N 1113632E	
WUCHAI MTC SSM R+D SITE D CSS-X-4/CSL-2 ACT	CH	385052N 1113632E	S088320
WUCHAI MTC SSM SUPT FAC RAILCAR CSS-X-4/CSL-2	CH	384828N 1113658E	S088495
WUCHAI MTC SSM SUPT FAC RAILCAR CSS-X-4/CSL-2	CH	384828N 1113658E	

25X1

WULUMUCHI MILITARY REGION ARTY/TANK/INF REGTS	CH	434830N 0873710E	S088291
WUSHITALA AIRFIELD TEST ACTIVITY NUC RLTD	CH	421050N 0871110E	S088325

20
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHIEF'S RUFF

25X1

SUBJECT	CODE	COORD	ACCN NO.
XIENG KHOUANG AIRFIELD RECONSTRUCTION	UA	192653N 1030200E	5088331
YEDROVO ICBM RTP GUIDANCE/CALIBRATION FAC	UR	575216N 0333858E	5088566
YESEN RAILROAD YARD	UR	482345N 0221900E	5088294

25X1

ZAOZERNYY THERMAL POWER PLT KRASNYYARSK OKS	UR	560849N 0942851E	5087503
ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKS	UR	474928N 0351147E	5088526
ZAPOROZHYLE AIRCRAFT ENG PLANT 478 LOTAREV OKS	UR	474928N 0351147E	5088594

TOP SECRET CHIEF'S RUFF

25X1

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

PART II

Listing of Reports by Originator

TOP SECRET CHESS RUFF

25X1
ZSXI

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	BIIR	RFB22-0011-79	JUL 79	13	5088610
AF	ENDR	B1516-79	13 SEP 79	13	5088571
AF	ENDR	B3604-79	25 JUL 79	07	5088299
AF	ENDR	B3506-79	10 AUG 79	13	5088588
AF	ENDR	B4530-79	29 JUN 79	13	5088581
AF	ENDR	B6541-79	01 JUN 79	13	5088583
AF	ENDR	C1015-79	24 JUL 79	04	5088550
AF	ENDR	C1512-79	01 AUG 79	13	5088548
AF	ENDR	C1513-79	14 AUG 79	13	5088595
AF	ENDR	C3507-79	24 AUG 79	13	5088558
AF	ENDR	C4527-79	31 AUG 79	13	5088707
AF	ENDR	C4532-79	14 AUG 79	13	5088572
AF	ENDR	C4535-79	07 SEP 79	14	5088708
AF	ENDR	C6540-79	01 JUN 79	13	5088584
AF	ENDR	C6547-79	25 JUN 79	13	5088597
AF	ENDR	C6557-79	20 JUL 79	13	5088580
AF	ENDR	D1514-79	31 AUG 79	13	5088577
AF	ENDR	D3503-79	22 JUN 79	13	5088563
AF	ENDR	D3504-79	13 JUN 79	13	5088573
AF	ENDR	D3508-79	24 AUG 79	13	5088569
AF	ENDR	D6546-79	22 JUN 79	13	5088575
AF	ENDR	D6555-79	12 JUN 79	13	5088559

25X1

23
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

ORIG	TYPE	REF ID.	DATE	SFC CLASS	ACCN NO.	25X1
AF	ENDR	D6558-79	03 AUG 79	13	5088562	
AF	ENDR	D6559-79	18 JUL 79	13	5088582	
AF	ENDR	D6560-79	18 JUL 79	13	5088591	
AF	ENDR	D6562-79	31 AUG 79	13	5088549	
AF	ENDR	D6564-79	SEP 79	13	5088712	
AF	ENDR	D6601-79	22 JUN 79	13	5088567	
AF	ENDR	E1505-79	12 JUN 79	13	5088561	
AF	ENDR	E1510-79	14 JUN 79	13	5088586	
AF	ENDR	E1511-79	14 MAY 79	13	5088560	
AF	ENDR	E1515-79	24 AUG 79	13	5088553	
AF	ENDR	E6525-79	01 JUN 79	13	5088574	
AF	ENDR	E6538-79	01 JUN 79	13	5088578	
AF	ENDR	B4529-1-79	29 JUN 79	13	5088564	
AF	ENDR	B6527-1-71	JUN 79	13	5088568	
AF	ENDR	C1506-1-75	79 AUG 79	13	5088565	
AF	ENDR	C6519-2-77	17 AUG 79	13	5088555	
AF	ENDR	C6527-2-77	12 JUN 79	13	5088592	
AF	ENDR	C6534-1-78	27 JUL 79	13	5088593	
AF	ENDR	C6543-1-78	07 SEP 79	13	5088710	
AF	ENDR	D1519-1-76	29 JUN 79	13	5088598	
AF	ENDR	D3503-1-79	12 JUL 79	13	5088547	

24
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
225X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	ENDR	D3504-2-77	24 AUG 79		13	5088554
AF	ENDR	D4505-2-70	29 JUN 79		13	5088576
AF	ENDR	D4506-1-69	23 JUL 79		13	5088587
AF	ENDR	D4546-4-70	27 JUL 79		13	5088596
AF	ENDR	D6503-2-75	14 MAY 79		13	5088709
AF	ENDR	D6511-3-73	29 JUN 79		13	5088714
AF	ENDR	D6522-7-71	03 AUG 79		13	5088590
AF	ENDR	D6523-7-71	27 JUL 79		13	5088589
AF	ENDR	D6524-2-77	22 AUG 79		13	5088579
AF	ENDR	D6525-2-77	22 AUG 79		13	5088566
AF	ENDR	D6530-8-71	20 JUL 79		13	5088594
AF	ENDR	E1501-2-79	12 JUL 79		13	5088585
AF	ENDR	E1504-4-75	29 JUN 79		13	5088552
AF	ENDR	E3507-1-78	29 JUN 79		13	5088715
AF	ENDR	E6514-1-78	07 AUG 79		13	5088551
AF	ENDR	E6516-2-74	18 MAY 79		13	5088556
AF	ENDR	E6547-3-72	18 MAY 79		13	5088557
AF	ENDR	E6563-3-69	JUN 79		13	5088570
AF	IIM	13-79	27 APR 79		05	5088300
AF	IIM	33-79	02 AUG 79		05	5088298
AF	IIM	34-79	10 AUG 79	05	5088316	
AF	IIM	35-79	10 AUG 79	05	5088315	

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	IIM	36-79	10 AUG 79		03	5088317
AF	IIM	37-79	17 AUG 79		05	5088314
AF	IIM	38-79	23 AUG 79		05	5088297
AF	IIM	39-79	23 AUG 79		05	5088296
AF	IIM	40-79	27 AUG 79		05	5088295
AF	PAR	578-79	24 JUL 79		13	5088501
AF	PAR	598-79	19 JUL 79		13	5088535
AF	PAR	599-79	17 JUL 79		13	5088538
AF	PAR	602-79	12 JUL 79		13	5088506
AF	PAR	612-79	27 JUN 79		13	5088507
AF	PAR	620-79	19 JUL 79		13	5088518
AF	PAR	622-79	17 JUL 79		13	5088530
AF	PAR	626-79	25 JUL 79		13	5088532
AF	PAR	627-79	27 AUG 79		13	5088500
AF	PAR	630-79	23 JUL 79		13	5088523
AF	PAR	631-79	01 AUG 79		13	5088508
AF	PAR	632-79	30 JUL 79		13	5088529
AF	PAR	633-79	24 JUL 79		13	5088521
AF	PAR	634-00	24 JUL 79		13	5088526
AF	PAR	635-79	09 AUG 79		13	5088537
AF	PAR	636-79	03 AUG 79		13	5088536

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	PAR	638-79	15 AUG 79		13	5088516
AF	PAR	639-79	08 AUG 79		13	5088528
AF	PAR	640-79	14 AUG 79		13	5088525
AF	PAR	641-79	02 AUG 79		13	5088524
AF	PAR	643-79	07 AUG 79		13	5088531
AF	PAR	645-79	10 AUG 79		13	5088533
AF	PAR	646-79	31 AUG 79		13	5088513
AF	PAR	647-79	14 AUG 79		13	5088522
AF	PAR	649-79	10 AUG 79		13	5088527
AF	PAR	650-79	16 AUG 79		13	5088519
AF	PAR	651-79	05 SEP 79		13	5088517
AF	PAR	652-79	08 AUG 79		13	5088534
AF	PAR	653-79	22 AUG 79		13	5088514
AF	PAR	655-79	17 AUG 79		13	5088509
AF	PAR	657-79	05 SEP 79		13	5088512
AF	PAR	658-79	24 AUG 79		13	5088499
AF	PAR	661-79	28 AUG 79		13	5088503
AF	PAR	664-79	25 JUL 79		13	5088502
AF	PAR	695-79	13 SEP 79		13	5088701

25X1

25X1

27
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
------	------	----------	------	-------------	-----------	----------

25X1

CIA	BIIR	RCS13-0009-79	AUG 79		14	5088271
CIA	BIIR	RCS13-0012-79	SEP 79		14	5088684
CIA	BIIR	RCS13-0014-79	SEP 79		14	5088343
CIA	IAMR	ISMR006J-79	AUG 79		25	5088291
CIA	INFR	IS10148-79	21 SEP 79		05	5088621
CIA	INFR	IS10084K-79	29 MAY 79		13	5087505
CIA	INFR	IS10085K-79	29 MAY 79		14	5087506
CIA	INFR	IS10090K-79	29 MAY 79		14	5087503
CIA	INFR	IS10093K-79	31 MAY 79		14	5087501
CIA	INFR	IS10095K-79	05 JUN 79		13	5087502
CIA	INFP	IS10100K-79	08 JUN 79		13	5087504
CIA	INFR	IS10125K-79	06 SEP 79		13	5088336
CIA	INFR	IS10131J-79	07 SEP 79		13	5088306
CIA	INFR	IS10140K-79	24 AUG 79		13	5088337
CIA	INFR	IS10144K-79	30 AUG 79		13	5088338

25X1

20
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
CIA	INFR	IS10151K-79	20 SEP 79	13	5088620
CIA	INFR	IS10152K-79	26 SEP 79	13	5088619
CIA	INFR	IS10153K-79	14 SEP 79	14	5088616
CIA	INFR	IS10156K-79	21 SEP 79	13	5088622
CIA	INFR	IS10158J-79	26 SEP 79	25	5088627
CIA	INFR	IS10162J-79	28 SEP 79	24	5088618
CIA	INFR	IS10163J-79	28 SEP 79	24	5088626
CIA	INFR	IS10164J-79	28 SEP 79	24	5088617
CIA	INFR	IS10165K-79	11 OCT 79	13	5088625
CIA	INFR	IS10168J-79	11 OCT 79	24	5088624
CIA	INFR	IS10170K-79	05 OCT 79	13	5088623
CIA	IRP	IS10124J-79	AUG 79	25	5088273
CIA	IRP	IS10127K-79	SEP 79	14	5088444
DIA	BIIR	RDA06-0006-78	SEP 79	14	5088282
DIA	BIIR	RDA11-0003-79	OCT 79	14	5088644
DIA	BIIR	RDA11-0006-79	SEP 79	14	5088392
DIA	IIM	5B1-73419-79	15 OCT 79	14	5088608
DIA	IIM	5B1-73424-79	15 OCT 79	14	5088613
DIA	IIM	5B1-73427-79	11 OCT 79	14	5088609
DIA	IIM	5B1-73431-79	12 OCT 79	14	5088611
DIA	IIM	5B1-73436-79	22 OCT 79	14	5088672
DIA	IIM	5B1-73446-79	15 OCT 79	14	5088614

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1
25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	IIM	5B1-73449-79	15 OCT 79		14	S088612
DIA	IIM	5B1-73451-79	17 OCT 79		14	S088615
DIA	IIM	5B1-73477-79	18 OCT 79		14	S088668
DIA	IIM	5B1-73488-79	22 OCT 79		14	S088677
DIA	IIM	5B1-73516-79	29 OCT 79		14	S088722
DIA	IIM	5B1-73627-79	22 OCT 79		14	S088675
DIA	IIM	5B1-73656-79	29 OCT 79		14	S088720
DIA	IIM	5B1-73679-79	29 OCT 79		14	S088719
DIA	IIM	5B1-73683-79	29 OCT 79		14	S088723
DIA	IIM	5B1-73685-79	26 OCT 79		14	S088726
DIA	IIM	5B1-73689-79	29 OCT 79		14	S088718
DIA	IIM	5B1-73691-79	29 OCT 79		14	S088721
DIA	IIM	5B1-73692-79	26 OCT 79		14	S088725
DIA	IIM	5B1-73695-79	29 OCT 79		14	S088724
DIA	IIM	5B1-73702-79	29 OCT 79		14	S088717
DIA	IIM	5B3-73428-79	24 OCT 79		14	S088727
DIA	NOTE		15 OCT 79		13	S088669
DIA	NOTE		15 OCT 79		13	S088670
DIA	NOTE		22 OCT 79	14	S088671	
DIA	NOTE		22 OCT 79	14	S088672	
DIA	NOTE		23 OCT 79	14	S088673	

25X1

25X1

30
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	NOTE	[Redacted]	23 OCT 79	[Redacted]	13	5088674

25X25X1
25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NAVY	BIIR	RN623-0001-79	JUL 79		14	5088383
NPIC	BIIR	RCA09-0023-79	OCT 79		25	5088691
NPIC	BIIR	RCA09-0025-79	OCT 79		14	5088646
NPIC	BRAD		AUG 79		14	5088318
NPIC	BRAD		SEP 79		14	5088320
NPIC	BRAD		SEP 79		14	5088321
NPIC	BRAD		SEP 79		14	5088322
NPIC	BRAD		SEP 79		14	5088323

25X1

25X1

25X1

25X1

32
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

225X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BRAD		SEP 79		14	S088325
NPIC	BRAD		SEP 79		14	S088378
NPIC	BRAD		SEP 79		14	S088379
NPIC	BRAD		SEP 79		14	S088380
NPIC	BRAD		SEP 79		14	S088381
NPIC	BRAD		SEP 79		14	S088415
NPIC	BRAD		SEP 79		14	S088416
NPIC	BRAD		SEP 79		14	S088417
NPIC	BRAD		SEP 79		14	S088418
NPIC	BRAD		SEP 79		14	S088419
NPIC	BRAD		SEP 79		14	S088420
NPIC	BRAD		SEP 79		14	S088421
NPIC	BRAD		SEP 79		14	S088422
NPIC	BRAD		SEP 79		14	S088423
NPIC	BRAD		SEP 79		14	S088424
NPIC	BRAD		SEP 79		14	S088425
NPIC	BRAD		SEP 79		14	S088426
NPIC	BRAD		OCT 79		14	S088441
NPIC	BRAD		OCT 79		14	S088442
NPIC	BRAD		OCT 79		14	S088540
NPIC	BRAD		OCT 79		14	S088443
NPIC	BRAD		OCT 79		14	S088541

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	RLPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BRAD		OCT 79		14	5088542
NPIC	BRAD		OCT 79		14	5088647
NPIC	BRAD		OCT 79		14	5088649
NPIC	BRAD		OCT 79		14	5088654
NPIC	BRAD		OCT 79		14	5088655
NPIC	IAR	IARA031-79	SEP 79		14	5088288
NPIC	IAR	IARA032-79	SEP 79		14	5088289
NPIC	IAR	IARA034-79	SEP 79		14	5088397
NPIC	IAR	IARA039-79	SEP 79		14	5088385
NPIC	IAR	IARA040-79	SEP 79		25	5088388
NPIC	IAR	IARA041-79	SEP 79		14	5088387
NPIC	IAR	IARA042-79	SEP 79		14	5088386
NPIC	IAR	IARA046-79	SEP 79		14	5088448
NPIC	IAR	IARA048-79	SEP 79		14	5088447
NPIC	IAR	IARA049-79	OCT 79		14	5088458
NPIC	IAR	IARA056-79	OCT 79		14	5088457
NPIC	IAR	IARA057-79	OCT 79		14	5088454
NPIC	IAR	IARA058-79	OCT 79		14	5088455
NPIC	IAR	IARA060-79	OCT 79		14	5088635
NPIC	IAR	IARA064-79	OCT 79		14	5088638
NPIC	IAR	IARA065-79	OCT 79		25	5088640

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

ORIG	TYPE	REF ID	DATE	SEC CLASS	ACCN NO.
NPIC	IAR	IARA072-79	OCT 79	14	S088683
NPIC	IAR	IARA073-79	OCT 79	14	S088682
NPIC	IAR	IARA075-79	OCT 79	14	S088678
NPIC	IAR	IARA076-79	OCT 79	14	S088681
NPIC	IAR	IARA083-79	NOV 79	14	S088821
NPIC	IAR	IARA087-79	NOV 79	14	S088822
NPIC	IAR	IARA091-79	NOV 79	14	S088823
NPIC	IAR	IAR0004-79	SEP 79	25	S088395
NPIC	IAR	IAR0012-79	SEP 79	14	S088390
NPIC	IAR	IAR0014-79	SEP 79	05	S088391
NPIC	IAR	IAR0018-79	SEP 79	14	S088459
NPIC	IAR	IAR0022-79	SEP 79	14	S088393
NPIC	IAR	IAR0026-79	SEP 79	24	S088451
NPIC	IAR	IAR0027-79	SEP 79	14	S088450
NPIC	IAR	IAR0029-79	SEP 79	14	S088399
NPIC	IAR	IAR0035-79	SEP 79	25	S088449
NPIC	IAR	IAR0044-79	OCT 79	14	S088641
NPIC	IAR	IAR0052-79	OCT 79	25	S088642
NPIC	IAR	IAR0062-79	OCT 79	14	S088819
NPIC	IAR	IAR0063-79	OCT 79	14	S088817
NPIC	MCS	MCS005-79	OCT 79	14	S088686
NPIC	MCS	MCS006-79	OCT 79	14	S088825

25X1

35
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SFC CLASS	ACCN NO.
NPIC	MEMO	[Redacted]	17 MAY 79	[Redacted]	13	5087935
NPIC	MEMO	[Redacted]	29 OCT 79	[Redacted]	14	5088706
NPIC	MEMO	[Redacted]	26 NOV 79	[Redacted]	14	5089011
NPIC	PIR	PIR060-79	JUL 79	[Redacted]	14	5088280
NPIC	PIR	PIR064-79	SEP 79	[Redacted]	25	5088384
NPIC	PIR	PIR065-79	SEP 79	[Redacted]	25	5088283
NPIC	REPT	STAF06-79	JUN 79	[Redacted]	14	5088333

[Redacted]

25X1

25X1

[Redacted]

25X1

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

PART III

Listing of Reports by General Subject

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
US	AIRCRAFT, CANDID IL-76 ROTODOME	UR		S088585
US	AIRCRAFT, FORGER YAK-30 ENGINE CANVAS-COVERED	UR		S088299
US	AIRCRAFT, FOXBAT MODIFIED FUEL TANK	UR		S088588
US	AIRCRAFT, RAM K	UR		S088635
US	AIRCRAFT, RAM K	UR		S088610

25X1

US	AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I	UR	481838N 0461424E	S088595
US	AKHTUBINSK/VLADIMIROVKA ARFA AFLD BACKFIRE B	UR	481851N 0461630E	S088499
US	ALGER/DAR EL BEIDA AFLD T-72/BTR-60PB IDENT	AG	364136N 0031302E	S088424
US	ARSENYEV AIRFRAME PLANT 116 HIND D MI-24	UR	440859N 1331523E	S088342
US	AZ ZUWAYTINAN AIRFIELD	LY	305217N 0200431E	S088318
US	BAGRAM AIRFIELD AIRBORNE INFANTRY BN SOV PROB	AF	345700N 0691602E	S088622
US	BELAYA AIRFIELD AAM U/I FIDLER TU-128 MTB	UR	525454N 1033434E	S088489
US	BENINA AIRFIELD	LY	320545N 0201630E	S088318
US	BIHAC AIRFIELD	YO	445103N 0154601E	S088496
US	BORZYA AIRFIELD NW HAWK MOCKUP	UR	502347N 1162037E	S088426
US	CHITA AIRFIELD NW BIVOUAC AREA AIRBORNE RLTD	UR	520420N 1132615E	S088451
US	DOMNA AIRFIELD AIRBORNE REGIMENT DEPLOYED	UR	515455N 1130715E	
US	DUBNO AIRFIELD NC FENCER . SU-19	UR	502645N 0255017E	S088527
US	GHAT AIRFIELD NORTH CONSTRUCTION PROGRESS	LY	250902N 0100846E	S088472
US	GODE AIRFIELD CONSTRUCTION ACTIVITY	ET	055620N 0433432E	S088487

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	GWELU/THORNHILL AIRFIELD REVETMENT WALLS	RH	192609S 0295140E	S088390
05	HUMERA AIRFIELD	ET	141500N 0363500E	S088341
05	HUN AIRFIELD RUNWAY CONSTRUCTION	LY	290650N 0155710E	S088339
05	JIJIGA AIRFIELD	ET	092128N 0424715E	S088477
05	KABRIDAR AIRFIELD	ET	064402N 0441558E	S088479
05	KANBUTH AIRFIELD 3 REDEVELOPMENT	LY	315055N 0243553E	S088490
05	KAZAN AIRFIELD NORTH BACKFIRE B MODIF ACT	UR	555203N 0490800E	S088531
05	KHARKOV AIRFRAME PLANT 135 EXPANSION 1974-79	UR	500129N 0361542E	S088484
05	KOMSOMOLSK AIRFRAME PLANT ORDZHONIKIDZE 126	UR	503518N 1370525E	S088635

25X1

05	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088589
05	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088525
05	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088596
05	LABRAQ AIRFIELD REDEVELOPMENT	LY	324739N 0215750E	S088471
05	LENINGRAD AIRCRAFT ENG PLT 117 TEST CELL BLDG	UR	595851N 0302023E	S088572
05	LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKB	UR	595851N 0302023E	S088514
05	LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKB	UR	595851N 0302023E	S088555
05	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	554154N 0375242E	S088523
05	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	554154N 0375242E	S088592

25X1

38
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

REF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	MARBLE ARCH AIRFIELD CABLE-LAYING UNIT POSS	LY	302735N 0183430E	S088474
05	MISKATAH AIRFIELD	LY	321928N 0150350E	S088318
05	MOGOCHA HELIPORT HIND D MI-24 WEAPONS U/I	UR	534425N 1194430E	S088481
05	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165	UR	554935N 0373935E	S088536
05	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165	UR	554935N 0373935E	S088593
05	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300	UR	554254N 0373415E	S088533
05	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300	UR	554254N 0373415E	S088590
05	MOSKVA AIRFIELD CENTRAL PARADE PREPARATIONS	UR	554717N 0373152E	S088647
05	MOSKVA/RAMENSKOYE AIRFIELD	UR	553405N 0380712E	S088646
05	NANSHAN ISLAND AVIATION FACILITIES EXPSN	PG	104425N 1154820E	S088331
05	NASOSHYY AIRFIELD AIRCRAFT ENGINE TEST BLDG	UR	403534N 0493322E	S088712
05	NASOSHYY AIRFIELD FOXBAT A MIG-25 MODIFS SRCH	UR	403534N 0493322E	S088532
05	OLOVYANNAYA AIRFIELD AIRBORNE REGIMENT DPL	UR	510100N 1152540E	S088451
05	PERM AIRCRAFT ENGINE PLT STALIN SOLOVYEV OKO	UR	575848N 0561508E	S088524
05	PHONG SAVAN AIRFIELD WEST RECONSTRUCTION	LA	192736N 1031142E	S088331
05	RAMENSKOYE FLIGHT TEST CENTER	UR	553418N 0380923E	S088646
05	RAMENSKOYE FLIGHT TEST CENTER AERODY OBJ U/I	UR	553418N 0380923E	S088558
05	RAMENSKOYE FLIGHT TEST CENTER AERODY VEH U/I	UR	553418N 0380923E	S088475
05	RAMENSKOYE FLIGHT TEST CENTER AREA 5	UR	553238N 0380710E	S088715
05	RAMENSKOYE FLIGHT TEST CENTER AREA 5	UR	553238N 0380710E	S088714
05	RAMENSKOYE FLIGHT TEST CENTER B.CAFIRE B.ACI	UR	553418N 0380923E	S088531

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

EFF/CAI	SUBJECT	COUN	COORD	ACCN NO.
05	RAMENSKOYE FLIGHT TEST CENTER CANDID MODIF	UR	553418N 0380923E	S088486
05	RAMENSKOYE FLIGHT TEST CENTER RAM K	UR	553418N 0380923E	S088610
05	RAMENSKOYE FLIGHT TEST CENTER RAM K/L	UR	553418N 0380923E	S088488
05	RAMENSKOYE FLIGHT TEST CTR AREA 5 MYASISHCHEV	UR	553238N 0380710E	S088518
05	SALISBURY AIRFIELD AIRBORNE ASSAULT PREP POSS	RH	175522S 0310605E	S087504
05	SALISBURY AIRFIELD REVETMENT WALLS	RH	175522S 0310605E	S088390
05	SARATOV AIRFRAME PLANT 292 EXPANSION 1971-79	UR	512948N 0455703E	S088485
05	SEBHA AIRFIELD	LY	270105N 0142750E	S088340
05	SHENYANG AIRFRAME PLANT 112 FLOGGER EGYPTIAN	CH	415208N 1232600E	S088332

25X1

05	SHUANGCHENGZU AIRFIELD A/M IDENTIFIED	CH	402359N 0994731E	S088419
05	SPRATLY ISLAND AVIATION FACILITIES EXPANSION	PG	083800N 1115430E	S088331
05	SURT AIRFIELD	LY	310334N 0163549E	S088318
05	TAGANKO AIRFRAME PLT DIMITROV 86 CANDID AWAC	UR	471150N 0385220E	S088482
05	TESSENAI AIRFIELD	ET	150630N 0364030E	S088478
05	THITU ISLAND AVIATION FACILITIES EXPANSION	PG	110315N 1141659E	S088331
05	TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED	SY	343122N 0373745E	S088649
05	TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED	SY	343122N 0373745E	S088425
05	TUBRUQ AIRFIELD CONSTRUCTION PROGRESS	LY	320603N 0235032E	S088491

25X1

05	XIENG KHOUANG AIRFIELD RECONSTRUCTION	LA	192653N 1030904E	S088331
----	---------------------------------------	----	------------------	---------

40
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

REF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV ORB	UR	474928N 0351147E	S088526
05	ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV ORB	UR	474928N 0351147E	S088594
10	BORZYA AIRFIELD NW HAWK MOCKUP	UR	502347N 1162037E	S088426
10	BURRLL INDUSTRIAL FACILITY U/I	AL	413438N 0195800E	S088621

25X1

10	RAS KOH MOUNTAIN RANGE TUNNELING ACTIVITY U/I	PK	284709N 0645535E	S088616
----	---	----	------------------	---------

25X1

25	AL QAHIRAH AIRFIELD WEST HAY-SERIES ANTENNAS	EG	300706N 0305500E	S088534
25	AL QAHIRAH ALMAZA AIRFIELD HAY-SERIES ANTENNA	EG	300536N 0312128E	
25	AZ ZAWAZIQ AIRFIELD HAY-SERIES ANTENNAS	EG	303550N 0313956E	
25	BALAKLAVA BALLOON SITE EAST VLF ANTENNA ACT	UR	443015N 033656E	S088483
25	BERGOTSTALIN AIRFIELD EW RADAR FACILITY	AL	404700N 0195400E	S088701
25	CAM KANH DF FACILITY FIX-74	VM	120103N 1091017E	S088332
25	CESKY KRUMLOV ARMY BKS NORTH 1 --330/R-330A	CZ	484939N 0141840E	S088673
25	DEBRA DUN INTERNATIONAL SATELLITE GROUND STA	IN	301032N 0780635E	S088330

41
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EFF/CAT	SUBJECT	COUN	COORD	ACCN NO.
---------	---------	------	-------	----------

25X1

25	ELECTRONICS, CONE TWIST ESM/DF ANTENNA	UR		S088302
25	ELECTRONICS, CONE TWIST ESM/DF ANTENNA	UR		
25	ELECTRONICS, GRILL TWIST ESM/DF ANTENNA	UR		
25	ELECTRONICS, GRILL TWIST ESM/DF ANTENNA	UR		
25	ELECTRONICS, ICBM TYPE 3X GUIDANCE RLTD FACS	UR		S088503
25	ELECTRONICS, PHASED ARRAY RADARS BMEWS POSS	UR		S088332
25	ELECTRONICS, POP-UP ANTENNA ICBM ASSOC SEARCH	UR		S088509
25	ELECTRONICS, SH-EL-02 PLANAR APERTURE RADAR	UR		S088586
25	ELECTRONICS, SH-EL-02 PLANAR APERTURE RADAR	UR		S088507
25	ELECTRONICS, TURN CUT ESM/DF ANTENNA	UR		S088302
25	ELECTRONICS, TURN CUT ESM/DF ANTENNA	UR		
25	ELECTRONICS, TURN POLE ESM/DF ANTENNA	UR		
25	ELECTRONICS, TURN POLE ESM/DF ANTENNA	UR		
25	ELECTRONICS, TURN SPIKE ESM/DF ANTENNA	UR		
25	ELECTRONICS, TURN SPIKE ESM/DF ANTENNA	UR		
25	FIER EW RADAR FACILITY	AL	404400N 0193100E	S088701
25	HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE	CH	385027N 1122757E	S088537
25	HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE	CH	385027N 1122757E	
25	HSINHSIEN COMSAT STATION DOMESTIC PROB	CH	382950N 1123245E	
25	HSINHSIEN COMSAT STATION WFST	CH	382557N 1122745E	
25	HSINHUA SSM/SPACE TRACKING FACILITY	CH	274605N 1111535E	S088506
25	HSINHUA SSM/SPACE TRACKING FACILITY AREA A	CH	274605N 1111535E	S088584
25	HSINHUA SSM/SPACE TRACKING FACILITY AREA B	CH	274605N 1111535E	S088583
25	JUNNAR INTERNATIONAL SATELLITE STATION ARVI	TN	190900N 0735700E	S088327
25	KAPUSTIN YAR MIC ELCT RLTD FAC DO-EL-06 RADAR	UR	485008N 0453911E	S088416

42
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

REF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	KRASNAYA RECHKA COMMAND CNTRL RDO FAC BKR U/I	UR	482040N 1350730E	S089011
25	KRASNAYA RECHKA RADCOM STATION	UR	481958N 1350653E	
25	KSTOVO IONOSPHERIC HEATER ANTENNA SEARCH	UR	5611 N 04411 E	S088706
25	KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR	UR	565628N 0215532E	S088483
25	KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR	UR	565628N 0215532E	
25	KUYVOZI SIGINT SITE DO-EL-02 ESM RADAR POSS	UR	602800N 0302500E	S088821
25	LUNGKOU OPTICAL TRACKING FACILITY	CH	374110N 1201330E	S088450
25	LUSHUN OPTICAL TRACKING FACILITY	CH	384728N 1211810E	
25	MADRAS SATELLITE GROUND STATION DOMESTIC	IN	130750N 0801025E	S088328
25	NENOKSA NAVAL MTC TRACKING FACILITY	UR	643807N 0390924E	S088710

25X1

25	NEW DELHI SATELLITE STATION DOMESTIC	IN	283644N 0771100E	S088329
25	PARDUBICE RADAR RESEARCH + PROD PLT OPOCINEK	CZ	500116N 0153927E	S087935
25	PILNKUAN RADIO RELAY STATION BUNKERED	CH	392144N 1113535E	S088537
25	PORT BLAIR RADCOM RCVR/XMTR STATION GOVT	IN	113934N 0924536E	S088335
25	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	S088528
25	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	
25	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	S088522
25	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	561407N 0380018E	
25	SHUANGCHENGZU MTC RANGEHEAD RECEIVER	CH	405507N 1000830E	S088502
25	SHUANGCHENGZU MTC RANGEHEAD TRANSMITTER	CH	410917N 1001890E	
25	SULO SSM/SPACE TRACKING FACILITY	CH	392340N 0761220E	S088534
25	SULO SSM/SPACE TRACKING FACILITY	CH	392340N 0761220E	S088597
25	SUNGLIN SSM/SPACE TRACKING FACILITY	CH	275341N 1021408E	S088529
25	SUNGLIN SSM/SPACE TRACKING FACILITY	CH	275341N 1021408E	S088520

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	TATISHCHEVO ICLM TRNG SITE 35X 6DNC/CALIB FAC	UR	514157N 0453248E	S088579
25	TYURATAM/TARTUGAY MTC RADAR TEST FAC AWACS	UR	442953N 0661406E	S088535
25	TYURATAM/TARTUGAY MTC RADAR TEST FAC SUSP	UR	442953N 0661406E	S088578
25	TYURATAM/TARTUGAY MTC RADAR TEST FAC 85M TWR	UR	443134N 0661516E	S088535
25	TYURATAM/TARTUGAY MTC RADAR TEST FAC 85M TWR	UR	443134N 0661516E	S088535
25	WUCHAI MTC RADCOM STATION 1	CH	384930N 1114500E	S088537
25	WUCHAI MTC RADCOM TRANSMITTER STATION 2	CH	392330N 1111140E	S088537
25	YEDROVO ICBM RTP GUIDANCE/CALIBRATION FAC	UR	575216N 0333858E	S088566
30	BALLESH PETROLEUM REFINERY	AL	403615N 0194535E	S088621
30	BALLESH PETROLEUM REFINERY	AL	403615N 0194535E	S088621
30	BALLESH PETROLEUM REFINERY	AL	403615N 0194535E	S088701
30	BEREZOVSKOYE COAL MINING ACTIVITY	UR	5540 N 08910 E	S087503
30	BORODINO COAL MINING	UR	5554 N 09454 E	S087503
30	BULQIZE ORE PROCESSING PLANT	AL	412834N 0201220E	S088621
30	BURGAS PETROLEUM REFINERY KAMENO	BU	423245N 0272017E	S088684
30	BURREL INDUSTRIAL FACILITY U/I	AL	413438N 0195800E	S088621
30	CERRIK PETROLEUM REFINERY	AL	410216N 0195810E	S088621
30	CHIAMOSSU ALUMINUM PLANT	CH	464820N 1301710E	S088444
30	CHUHSIEN ALUMINUM PLANT	CH	285345N 1185320E	S088444
30	DURRES INDUSTRIAL AREA	AL	411905N 0192715E	S088621
30	ELHASAN IRON + STEEL PLANT	AL	410452N 0200118E	S088621
30	ESFAHAN IRON + STEEL PLANT	IR	322540N 0511950E	S088306
30	FIER NITROGEN FERTILIZER PLANT	AL	404225N 0193305E	S088621

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	FIER PETROLEUM REFINERY	AL	404220N 0193306E	
30	FIER PETROLEUM REFINERY	AL	404220N 0193306E	S088271
30	FIERZE HYDROELECTRIC POWER PLANT	AL	4215 N 02002 E	S088621
30	HAMHUNG MACHINERY PLANT YONGSONG EXPLO DAMAGE	KN	394908N 1273558E	S088291
30	HANTAN ALUMINUM PLANT	CH	362805N 1142412E	S088444
30	HOFEI ALUMINUM PLANT	CH	315651N 1171610E	
30	HSIANGHSIANG ALUMINA + ALUMINUM PLANT	CH	274340N 1122950E	
30	INDUSTRY, ALUMINA + ALUMINUM PLANTS	CH		
30	INDUSTRY, PETROLEUM REFINERIES	AL		S088271
30	INDUSTRY, PETROLEUM REFINERIES	BU		S088684
30	INDUSTRY, STEAM PLTS/POL STGE NF W SS-20 BASES	UR		S087505
30	JUNGYANG ALUMINA + ALUMINUM PLANT	CH	344852N 1131632E	S088444
30	KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 1	UR	560132N 0930144E	S087503
30	KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 2	UR	555720N 0925920E	
30	LAC CHEMICAL + COPPER PLANT	AL	413942N 0194208E	S088621
30	NAZAROV COAL MINING ACTIVITY	UR	5600 N 09024 E	S087503
30	NAZAROV THERMAL POWER PLANT GREES 1	UR	560220N 0902022E	
30	PLEVEN PETROLEUM REFINERY YASEN	RU	432424N 0242916E	S088684
30	RUSE PETROLEUM REFINERY LEON TADZHER	RU	435208N 0255917E	
30	SHKOLER INDUSTRIAL AREA	AL	420455N 0193206E	S088621
30	STALIN PETROLEUM REFINERY	AL	404817N 0195435E	
30	STALIN PETROLEUM REFINERY	AL	404817N 0195435E	S088271
30	TAIYUAN ALUMINUM PLANT	CH	375320N 1122630E	S088444
30	TZUPO ALUMINA + ALUMINUM PLANT	CH	364444N 1180324E	
30	VALIAS COAL COLLIERY	AL	412245N 0194657E	S088621
30	VLORL CHEMICAL FERTILIZER PLANT	AL	402825N 0192713E	

45

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	ZAOZERNYY THERMAL POWER PLT KRASNOYARSK GRES	UR	560849N 0942851E	S087503
35	ALMA ATA MILITARY STORAGE DEPOT CHEMOLGAN	UR	432257N 0763627E	S088724
35	ANAMA ARMY BARRACKS	UR	435000N 1464600E	S088288
35	BELOGORSK ARMY BKS AL6 M-1976 BMP VARIANT	UR	505350N 1282700E	S088393
35	BEZRECHNAYA ARMY BARRACKS AL1 SA-8 REGIMENT	UR	504306N 1161057E	S088385
35	BEZRECHNAYA ARMY BKS AL1 AMMO STGE DPO EXPLO	UR	504306N 1161057E	S088421
35	BORNE ARMY BARRACKS 201 SS-1 BRIGADE UPGRADED	PL	533455N 0163233E	S088454
35	BROVARY ARMY BKS AL1 BROVARY RVK CROSSING VEH	UR	502950N 0304430E	S088670

25X1

35	CESKY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A	CZ	484939N 0141840E	S088673
35	CHIRCHIK ARMY BARRACKS AL1 + SCHOOL ABRN REGT	UR	413050N 0693720E	S088381
35	CHIRCHIK ARMY BARRACKS AL1 + SCHOOL ABRN REGT	UR	413050N 0693720E	S088381
35	CHOP BORDER SECURITY POST WEST	UR	482608N 0220828E	S088294
35	CHUGUYEV MILITARY DEPOT SE DX1	UR	494657N 0364442E	S088721
35	DACHNOYE MILITARY BKS AL1 + HQ ARTY MRL U/I	UR	464412N 1424520E	S088131
35	DAURIYA ARMY BARRACKS AL1 + HQ MRD SA-6 REGT	UR	495550N 1165107E	S088385

25X1

35	FERGANA ARMY BARRACKS AL1 + HQ AIRBORNE DIV	UR	402300N 0714550E	S088381
----	---	----	------------------	---------

25X1

35	IKOVKA ORDINANCE DEPOT D01	UR	553553N 0645748E	S088609
----	----------------------------	----	------------------	---------

TOP SECRET CHESS RUFF

25X1

TOP SECRET CRESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	IRKUTSK ORDNANCE DEPOT BATAREYNYA D01	UR	522250N 1040923	S088725
35	KEGICHEVKA ORDNANCE DEPOT D01	UR	491617N 0354453E	S088722
35	KLETSK MILITARY DEPOT	UR	530430N 0263840E	S088723
35	KOROSTEN ARMY BARRACKS NNE AL4 TANK DIV EXPMT	UR	510700N 0284100E	S088682
35	KOROSTEN ARMY BARRACKS NNE AL4 T-64/T-72 TANK	UR	510700N 0284100E	S088672
35	KOZLE AMMUNITION STORAGE FACILITY 505	PL	502004N 0180936E	S088719
35	KUSHKA ARMY BKS AL1/HQ MRD COMBAT UNIT MOV	UR	351631N 0622020E	S088655
35	KUSONS TANK PLANT PUG	KN	400318N 1251320E	S088644

25X1

35	MILITARY, CHINA-VIETNAM CONFLICT WPNS ACT SOV	CH		S088459
35	MILITARY, CHINA-VIETNAM CONFLICT WUHAN MR ACT	CH		S088283
35	MILITARY, COMBAT BRIGADES ORG/EQUIP HOLDINGS	AG		S088620
35	MILITARY, CONSTRUCTION BATTALIONS NONDIVISION	UR		S088280
35	MILITARY, GROUND FORCES ACTIVITY MR 5	AO		S088501
35	MILITARY, GUERRILLA FORCES	AO		S088627
35	MILITARY, M-1978 SP GUN PRODUCTION	KN		S088332
35	MILITARY, PONTOON BRIDGE REGT U/I KUNMING MR	CH		S088626
35	MILITARY, PONTOON BRIDGE UNITS	CH		S088819
35	MILITARY, VIETNAM-CHINA CONFLICT WPNS ACT SOV	VM		S088459
35	MILITARY, VIETNAM-CHINA CONFLICT WUHAN MR ACT	VM		S088283
35	MILITARY, ZPU-2 14.5MM MACHINE GUN INF REGTS	CH		S088291

25X1

47
TOP SECRET CRESS RUFF

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	MILITARY, 11TH ARMY KUNMING MILITARY REGION	CH		S088624
35	MILITARY, 4TH ARTILLERY DIVISION KUNMING MR	CH		S088618
35	MILITARY, 65TH AAA DIVISION KUNMING MR	CH		S088617
35	MILITARY, 85MM ANTI-TANK GUN INFANTRY REGTS	CH		S088291
35	NALCHIK ARMY BARRACKS NE AL1	UR	432957N 043381E	S088720
35	NAMDAR CHON MILITARY COMPLEX U/C	KN	4027 N 12827 E	S088332
35	NAUSHKI TANK DEPOT D01	UR	502251N 1060719E	S088676
35	OMSK ORDNANCE + AMMUNITION DEPOT	UR	550052N 0732337E	S088726
35	OSH ARMY BKS AL1/SAM SUP FAC/RSV EQUIP DEPOT	UR	403100N 0724503E	S088381
35	OSH ARMY BKS AL1/SAM SUP FAC/RSV EQUIP DEPOT	UR	403100N 0724503E	
35	OVROUGH ARMY BKS AL1 + HQ TANK DIV BTR-70 APC	UR	511947N 0284744E	S088671
35	OVROUGH ARMY BKS AL1/HQ TK DIV COMBAT REGT NEW	UR	511947N 0284744E	S088480
35	PERM ORDNANCE DEPOT CENTRAL D01	UR	575930N 0561601E	S088613
35	PETROPAVLOVSK ARMY BARRACKS AL24	UR	530344N 1583812E	S088615
35	PETROPAVLOVSK ARMY BARRACKS AL25	UR	525925N 1584558E	S088675
35	PETROPAVLOVSK ARMY BARRACKS AL8	UR	530125N 1584225E	S088718
35	POLTAVA AAA DEPOT SW D01	UR	493459N 0343148E	S088677
35	PORT BLAIR MILITARY BARRACKS U/1	IN	113934N 0924457E	S088335
35	SIMFEROPOL ORDNANCE DEPOT SOUTH D01	UR	445545N 0340613E	S088612

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

TOP SECRET CRESS RUFF

25X1
25X1

REF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	STARAYA KUKA ORDNANCE DEPOT SW1	UR	514435N 1130110E	S088617
35	SUMALKI MILITARY BARRACKS 3	PL	540511N 0225545E	S088668
35	SVERDLOVSK ARTILLERY TEST RANGE	UR	570400N 0604230E	S088674
35	TOTSKOYE ARMY BARRACKS AL1 MINE-ASSOC VEH	UR	523041N 0524711E	S088669
35	VINOGRADOV ENGINEER + STORAGE DPO NZHM-56 BRG	UR	480755N 0230230E	S088641
35	VITEBSK ARMY BKS EAST AL5 ABRN DIV MBLZTN ACT	UR	551123N 0301341E	S088419
35	VOLGOGRAD AMMUNITION + TANK DEPOT DA1/D01	UR	484212N 0442306E	S088608
35	VOZNESENSK ORDNANCE DEPOT D01	UR	473540N 0312008E	S088614
35	WARSZAWA U/I INSTALLATION MILITARY POSS	PL	521717N 0210302E	S088611
35	WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB	SF	333031S 0190155E	S088640
35	WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB	SF	333031S 0190155E	S088640
35	WULUMUCHI MILITARY REGION ARTY/TANK/INF REGTS	CH	434830N 0873710E	S088291
40	AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I	UR	481838N 0461424E	S088595
40	AL ISKANDARIYAH SAM TRNG SITE 26 CSA-1 EQUIP	EG	311850N 0300322E	S088388
40	BELAYA AIRFIELD NAM U/I FIDDLER TU-128 MTG	UR	525454N 1033434E	S088489
40	CHINGYU MTC SSM R+D/TRNG SITE 1 CSS-3 ERECTOR	CH	421755N 1265231E	S088642
40	CHINGYU MTC SSM SUPPORT F-C CSS-3 TRANSPORTER	CH	421658N 1265314E	S088642
40	CHINGYU MTC SSM TEST LUCH SITE POSS CSS-3 GSE	CH	421755N 1265231E	S088441
40	DROVTANAYA SSM COMPLEX SS-20 REMOTE SITE	UR	512743N 1131147E	S088683

25X1

25X1

TOP SECRET CRESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	HUAIJOU MISSILE PROPULSION R+D FACILITY	CH	402424N 1164027E	S088334
40	KAPUSTIN YAR MTC COMPLEX C SITE 1 EQUIP U/I	UR	483658N 0461800E	S088530
40	KAPUSTIN YAR MTC CPLX C SITE 1 CYLINDER U/I	UR	483658N 0461800E	S088581
40	KUYBYSHEV AEROSPACE PRODUCTION PLANT 1 CONST	UR	531315N 0501804E	S088625
40	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088589
40	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088596
40	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088525
40	LIENKENGWANG SSM COMPLEX	CH	301200N 1174330E	S088556
40	LIENKENGWANG SSM COMPLEX	CH	301200N 1174330E	S088557
40	LONING ICBM SITE 1	CH	342143N 1115045E	S088549
40	LONING ICBM SITE 1 SILO CONSTRUCTION	CH	342143N 1115045E	S088513
40	LONING ICBM SITE 2	CH	341702N 1113735E	S088549
40	LONING ICBM SITE 2	CH	341702N 1113735E	S088549
40	LOYANG SSM RAIL TRANSHIPMENT FAC CSS-X-4 GSE	CH	343535N 1122600E	S088422
40	MISSILES, CSS-X-4	CH		S088502
40	MISSILES, CSS-X-4	CH		S088565
40	MISSILES, CSS-X-4/CSL-2 PROPELLANT TRANS	CH		S088423
40	MISSILES, CSS-X-4/CSL-2 PROPELLANT TRANS	CH		S088423
40	MISSILES, CSS-1	CH		S088550
40	MISSILES, CSS-2 GSE 4-AXLE CHASSIS NEW	CH		S088817
40	MISSILES, ICBM TYPE 3F SILO SHOCK ISLTN CMPNT	UR		S088336
40	MISSILES, ICBM TYPE 3G SILO DOOR HINGE MECH	UR		S088571
40	MISSILES, ICBM TYPE 3G SILO MODIFIED CONST	UR		S088553

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

REF ID	SUBJECT	COUN	COORD	ACCN NO.
40	MISSILES, ICBM TYPE 30 SILO UPPER DETAILS	UR		5088554
40	MISSILES, ICBM TYPE 30 SILO UPPER DETAILS	UR		5088569
40	MISSILES, ICBM TYPE 3X SILO	UR		5088552
40	MISSILES, ICBM TYPE 3X SILO	UR		5088573
40	MISSILES, ICBM TYPE 3X SILO MODIFIED	UR		5088561
40	MISSILES, ICBM TYPE 3X SILO UPPER DETAILS	UR		5088547
40	MISSILES, PAYLOAD TRANSPORTER	UR		5083503

25X1

40	MISSILES, SLBM PT-SEA TEST RANGE POHAI STRAIT	CH		5088450
40	MISSILES, SS-N-6 DIMENSIONS	UR		5087502
40	MISSILES, SS-11 CANISTERS SHELTER USE	UR		5088333
40	MOSKV. MISSILE + SPA DEV CTR CENTRAL DSGN BUR	UR	555517N 0374805E	5087506
40	MOSKV. MISSILE + SPA DEV CTR CENTRAL DSGN BUR	UR	555517N 0374805E	
40	MOSKV. MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	5088574
40	MOSKV. MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	5088707
40	MOSKV. MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	5088501
40	MOSKV. MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
40	MOSKV. MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	5088707
40	MOSKV. MISSILE + SPACE DEV CTR RSCH INST 88	UR	555517N 0374805E	5088576
40	MOSKV. MISSILE + SPACE DEV CTR RSCH INST 88	UR	555517N 0374805E	
40	MOSKV. MISSILE + SPACE DEV CTR VACUUM CHAMBER	UR	555517N 0374805E	5088564
40	MOSKV. MISSILE + SPACE DEV CTR VACUUM CHAMBER	UR	555517N 0374805E	

51
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MUKACHEVO MRBM RTP	UR	482420N 0223940E	S088294
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FAC CONST	UR	580930N 0605602E	S088568
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S088570
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S088575
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S088563
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S088567
40	OSH ARMY BKS AL1/SAM SUP FAC/RSV EQUIP DEPOT	UR	403100N 0724503E	S088381
40	OSTROV SSM TRAINING POSITION 2 SS-11 ACTIVITY	UR	572310N 0281000E	S088512
40	PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC	UR	482658N 0355723E	S088395
40	PAVLOGRAD SOLID MOTOR TEST FAC SS-17/18 LAD	UR	482605N 0355817E	S088384
40	PETROPAVLOVSK MISSILE ASSEMBLY FACILITY PROG	UR	545247N 0691643E	S088395
40	PLESETSK MTC ICBM SITE 21 TEL U/I	UR	625823N 0412408E	S088587
40	RIGA SSM TRAINING FACILITY SS-11 ACTIVITY	UR	571120N 0242026E	S088512
40	SARY SHAGAN MTC COMPLEX B	UR	460106N 0722804E	S088551
40	SARY SHAGAN MTC COMPLEX B LAUNCHERS NEW	UR	460106N 0722804E	S088519
40	SARY SHAGAN MTC COMPLEX F	UR	462629N 0725108E	S088551
40	SARY SHAGAN MTC COMPLEX F ABM LAUNCH PSTN NEW	UR	462629N 0725108E	S088321
40	SARY SHAGAN MTC COMPLEX F ABM POSITION 3D U/C	UR	462629N 0725108E	S088541
40	SARY SHAGAN MTC COMPLEX F LAUNCHERS NEW	UR	462629N 0725108E	S088519

25X1

40	SEVERODVINSK NAVAL MISSILE SUPPORT FAC	UR	643339N 0394627E	S088691
40	SHUANGCHENGTAU AIRFIELD A M IDENTIFIED	CH	402359N 0994731E	S088419

52
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS	CH	410800N 1001500E	S088273
40	SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS	CH	410800N 1001500E	
40	SPACE, COSMOS-1106	UR		S088708
40	SPACE, SL-12/13 CHRONOLOGY COMPARISON	UR		S088598
40	TACHAITAN SSM SITE 1	CH	374709N 0952746E	S088508
40	TACHAITAN SSM SITE 1	CH	374709N 0952746E	S088559
40	TACHAITAN SSM SITE 2	CH	373600N 0954242E	S088508
40	TACHAITAN SSM SITE 2	CH	373600N 0954242E	S088559
40	TENGSHANHO SSM FIELD PSTN 1/2 WHD MATING EXER	CH	390911N 1220453E	S088448
40	TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED	SY	343122N 0373745E	S088649
40	TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED	SY	343122N 0373745E	S088425
40	TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I	UR	5412 N 03737 E	S088517
40	TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I	UR	5412 N 03737 E	S088577
40	TYURATAM MTC CONSTRUCTION NEW	UR	455637N 0632755E	S088591
40	TYURATAM MTC ICBM SITE K2 SS-9 ASSOC ACTIVITY	UR	460204N 0630341E	S088540
40	TYURATAM MTC SPACE SITE U1/2 SL-12/13 SLV	UR	460214N 0630212E	S088380
40	VOTKINSK MISSILE ASSEMBLY + CHECKOUT FACILITY	UR	570224N 0540830E	S088395
40	WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS	CH	385052N 1113632E	S088423
40	WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS	CH	385052N 1113632E	
40	WUCHAI MTC SSM R+D SITE D CSS-X-4/CSL-2 ACT	CH	385052N 1113632E	S088320
40	WUCHAI MTC SSM SUPT FAC RAILCAR CSS-X-4/CSL-2	CH	384828N 1113658E	S088495

25X1

TOP SECRET CHESS RUFF

25X1

Page Denied

25X1

ACCN NO.

50

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR	UR	565628N 021553E	S088483
75	LENINGRAD SHIPYARD ZHDANOV 190A CL COMBATANT	UR	595233N 030140E	S088473
75	NAVAL, SHIPBUILDING DEVELOPMENTS	CH		S088332
75	NAVAL, TRAINING EXERCISES NORTH SEA FLEET	CH		S088391
75	NIKOLAYEV SHIPYARD NORTHERN 445F CL COMBATANT	UR	465840N 032001E	S088470
75	PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED	UR	430703N 132201E	S088542
75	PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED	UR	430703N 132201E	
75	PORT BLAIR NAVAL BASE	IN	114015N 092434E	S088335
75	PORT BLAIR PORT FACILITIES CHATHAM ISLAND	IN	114054N 092435E	
75	PORT BLAIR SHIPYARD ANDAMAN ISLAND SOUTH	IN	114010N 092445E	
75	SEVERODVINSK SHIPYARD YAGRY OSTROV CONST	UR	643514N 039490E	S088493
75	SEVERODVINSK SHIPYARD 402 CONSTRUCTION ACT	UR	643438N 039483E	S088494
75	SEVERODVINSK SHIPYARD 402 SSGN HULL PLATE	UR	643438N 039483E	S088678
75	SHANGHAI SHIPYARD KIANGNAN SUBMERSIBLE ACT	CH	311205N 1212901E	S088415
75	SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	CH	311205N 1212901E	S088323
75	SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	CH	311205N 1212901E	S088291
75	SHIPS, C-1 CLASS SSGN	UR		S088383
75	SOVETSKAYA GAVAN SUBMARINE BASE	UR	490125N 1401531E	S088282
75	TUBRUQ PORT FACILITIES ARMS SHIPMENT	LY	320455N 0235850E	S088417
75	TUBRUQ SUBMARINE TRAINING SCHOOL	LY	320609N 0235825E	S088291
80	CAPE TOWN POL STORAGE 1 MILNERTON CALTEX	SF	335000S 0183200E	S088619
80	CAPE TOWN POL STORAGE 2 MILNERTON CALTEX	SF	335100S 0183240E	
80	DURBAN POL STORAGE AREA LOUIS BOTHA 2	SF	295830S 0305650E	
80	DURBAN POL STORAGE BP SHELL 1	SF	295830S 0305800E	

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
80	MISSILES, SS-20 BASES STEAM PLTS/POL STGE NEW	UR		S087505
80	MUKACHEVO POL STORAGE U/G BARKOSOVO	UR	482205N 0223212E	S088294
80	PORT BLAIR POL STORAGE HOOD POINT	IN	114035N 0924305E	S088335
80	SALDANIA BAY POL STORAGE	SF	325945S 0180200E	S088619
80	SASOLBURG POL STORAGE	SF	264810S 0275105E	
80	STORAGE, POL AREAS/STEAM PLTS NEW SS-20 ASSOC	UR		S087505
85	BARKOSOVO RAILROAD TRANSLOADING YARD	UR	482210N 0222935E	S088294
85	BATEVO RAILROAD TRANSLOADING YARD	UR	482145N 0222318E	
85	BATEVO RAILROAD YARD EAST	UR	482116N 0222439E	
85	CHANGCHUN MOTOR VEHICLE PLANT	CH	435054N 1251440E	S088343
85	CHOP RAILROAD TRANSLOADING YARD	UR	482556N 0221313E	S088294
85	HUNGNAM RAIL YARD MUNITIONS TRAIN EXPLOSION	KN	395018N 1273741E	S088291
85	MIASS MOTOR VEHICLE PLANT URAL	UR	550425N 0600630E	S088392
85	MUKACHEVO RAILROAD TRANSLOADING YARD	UR	482529N 0224150E	S088294
85	MUKACHEVO RAILROAD YARD SW	UR	482437N 0223825E	
85	STRABICHEVO RAILROAD TRANSLOADING YARD	UR	482312N 0223340E	S088294
85	STRABICHEVO RAILROAD TRANSLOADING YARD EAST	UR	482228N 0223640E	
85	TRANSPORTATION, RAIL TRANSLOADING FACILITIES	UR		
85	TRANSPORTATION, SCHNABEL STEEL BEAM RAIL CAR	CH		S088291
85	WUCHAI MTC SSM SUPT FAC RAILCAR CSS-X-4/CSL-2	CH	384828N 1113658E	S088495
85	YESEN RAILROAD YARD	UR	482345N 0221900E	S088294

25X1

25X1

57
TOP SECRET CHESS RUFF

25X1

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

PART IV

Listing of Reports by Coordinates

TOP SECRET CHESSE RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
055620N 0433432E	GODE AIRFIELD CONSTRUCTION ACTIVITY	ET	S088487
064402N 0441558E	KABRIDAR AIRFIELD	ET	S088479
083800N 1115430E	SPRATLY ISLAND AVIATION FACILITIES EXPANSION	PG	S088331
092128N 0424715E	JIJIGA AIRFIELD	ET	S088477
104425N 1154820E	NANSHAN ISLAND AVIATION FACILITIES EXPSN	PG	S088331
113836N 0924314E	PORT BLAIR U/I INSTALLATION U/C	IN	S088335
113934N 0924457E	PORT BLAIR MILITARY BARRACKS U/I	IN	
113934N 0924536E	PORT BLAIR RADCOM RCVR/XMTR STATION GOVT	IN	
114035N 0924305E	PORT BLAIR POL STORAGE HOOD POINT	IN	
114054N 0924354E	PORT BLAIR PORT FACILITIES CHATHAM ISLAND	IN	
114015N 0924340E	PORT BLAIR NAVAL BASE	IN	
114010N 0924450E	PORT BLAIR SHIPYARD ANDAMAN ISLAND SOUTH	IN	
110315N 1141659E	THITU ISLAND AVIATION FACILITIES EXPANSION	PG	S088331
120103N 1091017E	CAM RANH DF FACILITY FIX-24	VM	S088332
130750N 0801025E	MADRAS SATELLITE GROUND STATION DOMESTIC	IN	S088328
141500N 0363500E	HUMERA AIRFIELD	ET	S088341
150630N 0364030E	TESSENAI AIRFIELD	ET	S088478
190900N 0735700E	JUNNAR INTERNATIONAL SATELLITE STATION ARVI	IN	S088327
192653N 1030904E	XIENG KHOUANG AIRFIELD RECONSTRUCTION	LA	S088331
192736N 1031142E	PHONG SAVAN AIRFIELD WEST RECONSTRUCTION	LA	
250802N 0100846E	GHAT AIRFIELD NORTH CONSTRUCTION PROGRESS	LY	S088472
270105N 0142750E	SEBHA AIRFIELD	LY	S088340
275341N 1021408E	SUNGLIN SSM/SPACE TRACKING FACILITY	CH	S088580
275341N 1021408E	SUNGLIN SSM/SPACE TRACKING FACILITY	CH	S088529
274605N 1111535E	HSINHUA SSM/SPACE TRACKING FACILITY AREA A	CH	S088524

TOP SECRET CHESSE RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
274605N 1111535E	HSINHUA SSM/SPACE TRACKING FACILITY AREA B	CH	S088583
274605N 1111535E	HSINHUA SSM/SPACE TRACKING FACILITY	CH	S088506
274340N 1122950E	HSIANGHSIANG ALUMINA + ALUMINUM PLANT	CH	S088444

25X1

284709N 0645535E	RAS KOH MOUNTAIN RANGE TUNNELING ACTIVITY U/I	PK	S088616
------------------	---	----	---------

25X1

283644N 0771100E	NEW DELHI SATELLITE STATION DOMESTIC	IN	S088329
265345N 1185320E	CHUHSIEN ALUMINUM PLANT	CH	S088444
290650N 0155710E	HUN AIRFIELD RUNWAY CONSTRUCTION	LY	S088339
302735N 0183430E	MARBLE ARCH AIRFIELD CABLE-LAYING UNIT POSS	LY	S088474
305217N 0200431E	AZ ZUWAYTINAN AIRFIELD	LY	S088318
300706N 0305500E	AL QAHIRAH AIRFIELD WEST HAY-SERIES ANTENNAS	EG	S088534
300536N 0312128E	AL QAHIRAH ALMAZA AIRFIELD HAY-SERIES ANTENNA	EG	
303550N 0313956E	AZ ZAQAZIQ AIRFIELD HAY-SERIES ANTENNAS	EG	
301032N 0780635E	DEHRA DUN INTERNATIONAL SATELLITE GROUND STA	IN	S088330
301200N 1174330E	LIENKENGWANG SSM COMPLEX	CH	S088557
301200N 1174330E	LIENKENGWANG SSM COMPLEX	CH	S088556
310334N 0163549E	SURT AIRFIELD	LY	S088318
315055N 0243553E	KANBUTH AIRFIELD 3 REDEVELOPMENT	LY	S088490
311850N 0300322E	AL ISKANDARIYAH SAM TRNG SITE 26 CSA-1 EQUIP	EG	S088388

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHSS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
315651N 1171610E	HOFEI ALUMINUM PLANT	CH	S088444
311205N 1212901E	SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	CH	S088323
311205N 1212901E	SHANGHAI SHIPYARD KIANGNAN SUBMERSIBLE ACT	CH	S088415
311205N 1212901E	SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	CH	S088291
321928N 0150350E	MISRATAH AIRFIELD	LY	S088318
320545N 0201630E	BENINA AIRFIELD	LY	
324739N 0215750E	LABRAQ AIRFIELD REDEVELOPMENT	LY	S088471
320455N 0235850E	TUBRUQ PORT FACILITIES ARMS SHIPMENT	LY	S088417
320603N 0235032E	TUBRUQ AIRFIELD CONSTRUCTION PROGRESS	LY	S088491
320609N 0235825E	TUBRUQ SUBMARINE TRAINING SCHOOL	LY	S088291
322540N 0511950E	ESFAHAN IRON + STEEL PLANT	IR	S088306
343122N 0375745E	TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED	SY	S088425
343122N 0375745E	TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED	SY	
343122N 0375745E	TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED	SY	S088649
343122N 0375745E	TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED	SY	
345700N 0691602E	BAGRAM AIRFIELD AIRBORNE INFANTRY BN SOV PROP	AF	S088622
341702N 1115735E	LONING ICBM SITE 2	CH	S088549
341702N 1115735E	LONING ICBM SITE 2	CH	S088513
342143N 1115045E	LONING ICBM SITE 1	CH	S088549
342143N 1115045E	LONING ICBM SITE 1 SILO CONSTRUCTION	CH	S088513
343535N 1122800E	LOYANG SSM PAIL TRANSSHIPMENT FAC CSS-X-4 GSF	CH	S088422
344852N 1131632E	JONGYANG ALUMINA + ALUMINUM PLANT	CH	S088444
351631N 0622020E	KUSHKA ARMY BKS AL1/HQ MRD COMBAT UNIT MOV	UP	S088655

21
TOP SECRET CHSS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

COORD	SUBJECT	COUN	ACCN NO.
364136N 0031302E	ALGER/DAR EL BEIDA AFLD T-72/BTR-60PB IDENT	AG	S088424
364144N 1043436E	WUCHIANCHU, N TOXIC PROD FAC NUCLEAR RLTD POSS	CH	S088332
362605N 1142412E	HANTAN ALUMINUM PLANT	CH	S088444
364444N 1180324E	TZUPO ALUMINA + ALUMINUM PLANT	CH	
373600N 0954242E	TACHAITAN SSM SITE 2	CH	S088559
373600N 0954242E	TACHAITAN SSM SITE 2	CH	S088508
374709N 0952746E	TACHAITAN SSM SITE 1	CH	S088559
374709N 0952746E	TACHAITAN SSM SITE 1	CH	S088508
375320N 1122830E	TAIYUAN ALUMINUM PLANT	CH	S088444
374110N 1201330E	LUNGKOU OPTICAL TRACKING FACILITY	CH	S088450
384828N 1113658E	WUCHAI MTC SSM SUPT FAC RAILCAR CSS-X-4/CSL-2	CH	S088495
384828N 1113658E	WUCHAI MTC SSM SUPT FAC RAILCAR CSS-X-4/CSL-2	CH	
384930N 1114500E	WUCHAI MTC RADCON STATION 1	CH	S088557
385052N 1113632E	WUCHAI MTC SSM R+D SITE D CSS-X-4/CSL-2 ACT	CH	S088320
385052N 1113632E	WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS	CH	S088423
385052N 1113632E	WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS	CH	
382557N 1122745E	HSINHSIEN COMSAT STATION WEST	CH	S088537
382950N 1123245E	HSINHSIEN COMSAT STATION DOMESTIC PROB	CH	
385027N 1122757E	HSIENKANG RADIO RELAY + TV TRANSMITTER STA SF	CH	
385027N 1122757E	HSIENKANG RADIO RELAY + TV TRANSMITTER STA SF	CH	
384728N 1211810E	LUSHUN OPTICAL TRACKING FACILITY	CH	S088450
392340N 0761220E	SULO SSM/SPACE TRACKING FACILITY	CH	S088597
392340N 0761220E	SULO SSM/SPACE TRACKING FACILITY	CH	S088538
392144N 1113535E	PIENKUAN RADIO RELAY STATION BUNKERED	CH	S088537
392330N 1111140E	WUCHAI MTC RADCON TRANSMITTER STATION 2	CH	

62
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
390911N 1220453E	TENGSHAHO SSM FIELD PSTN 1/2 WHD MATING EXFR	CH	S088408
394908N 1273558E	HAMHUNG MACHINERY PLANT YONGSONG EXPLO DAMAGE	KN	S088291
395018N 1273741E	HUNGNAM RAIL YARD MUNITIONS TRAIN EXPLOSION	KN	
402825N 0192713E	VLORE CHEMICAL FERTILIZER PLANT	AL	S088621
403615N 0194535E	BALLESH PETROLEUM REFINERY	AL	S088271
403615N 0194535E	BALLESH PETROLEUM REFINERY	AL	S088621
403615N 0194535E	BALLESH PETROLEUM REFINERY	AL	S088701
404220N 0193306E	FIER PETROLFUM REFINERY	AL	S088271
404220N 0193306E	FIER PETROLFUM REFINERY	AL	S088621
404225N 0193305E	FIER NITROGEN FERTILIZER PLANT	AL	
404400N 0193100E	FIER EW RADAR FACILITY	AL	S088701
404700N 0195400E	BERAT/STALIN AIRFIELD EW RADAR FACILITY	AL	
404817N 0195435E	STALIN PETROLEUM REFINERY	AL	S088271
404817N 0195435E	STALIN PETROLEUM REFINERY	AL	S088621
403534N 0493322E	NASOSNY AIRFIELD FOXBAT A MIG-25 MODIFS SRCH	UR	S088532
403534N 0493322E	NASOSNY AIRFIELD AIRCRAFT ENGINE TEST HLDG	UR	S088712
402300N 0714550E	FERGANA ARMY BARRACKS AL1 + HQ AIRBORNE DIV	UR	S088311
403100N 0724503E	OSH ARMY BKS AL1/SAM SUP FAC/RSV EQUIP DEPOT	UR	
403100N 0724503E	OSH ARMY BKS AL1/SAM SUP FAC/RSV EQUIP DEPOT	UR	
403100N 0724503E	OSH ARMY BKS AL1/SAM SUP FAC/RSV EQUIP DEPOT	UR	

25X1

402359N 0994731E
402359N 0994731E

SHU JGCHENGZU AIRFIELD NAM IDENTIFIED
SHU JGCHENGZU AIRFIELD NAM IDENTIFIED

CH
CH

S088419

TOP SECRET CHESS RUFF

25X1

25X1
25X1

TOP SECRET CHASS REF

COORD	SUBJECT	COUN	ACCN NO.
405507N 1000050E	SHUANGCHENGTZU MTC RANGEHEAD RECEIVER	CH	5083522
402424N 1164007E	HUAIJOU MISSILE PROPULSION RFD FACILITY	CH	5083334
400318N 1251320E	FUSONG TAIL PLANT PUG	KV	5083634
4027 N 12827 E	HANDAE CHON MILITARY COMPLEX U/C	KV	5083332
410216N 0195310E	KERRIK PETROLEUM REFINERY	AL	5083271
411833N 0192716E	BURRES PORT FACILITIES EXPANSION ACTIVITY	AL	5083631
411905N 0192715E	BURRES INDUSTRIAL AREA	AL	
412245N 0194657E	VALIAS COAL COLLIERY	AL	
413438N 0195800E	BURREL INDUSTRIAL FACILITY U/I	AL	
413438N 0195800E	BURREL INDUSTRIAL FACILITY U/I	AL	
413942N 0194208E	LAC CHEMICAL + COPPER PLANT	AL	
410452N 0200115E	ELBASAN IRON + STEEL PLANT	AL	
412804N 0201220E	BULGIZE ORE PROCESSING PLANT	AL	
413050N 0093720E	CHIRCHIK ARMY BARRACKS AL1 + SCHOOL APRN REGT	UR	5083331
413050N 0093720E	CHIRCHIK ARMY BARRACKS AL1 + SCHOOL APRN REGT	UR	
410800N 1001300E	SHUANGCHENGTZU MTC ICBM/SAT LAUNCH INDICATORS	CH	5083273
410800N 1001300E	SHUANGCHENGTZU MTC ICBM/SAT LAUNCH INDICATORS	CH	
410917N 1001800E	SHUANGCHENGTZU MTC RANGEHEAD TRANSMITTER	CH	5083522
415208N 1232000E	SHENYANG AIRFRAME PLANT 112 FLOGGER EGYPTIAN	CH	5083332
420455N 0193206E	SHKODER INDUSTRIAL AREA	AL	5083621
4215 N 02002 E	FIERZE HYDROELECTRIC POWER PLANT	AL	
423245N 0272017E	FURGAS PETROLEUM REFINERY KAMENO	RO	5083634
421050N 0871110E	MUSHINTALA AIRFIELD TEST ACTIVITY NUC RLTD	CH	5083325
421050N 1265314E	CHINGYU MT. SS4 SUPPORT FAC CSS-3 TRANSPORTER	CH	5083642
421755N 1265231E	CHINGYU MT. SS4 TEST LNCH SITE POSS CSS-3 CSE	CH	5083441
421755N 1265231E	CHINGYU MT. SS4 R40/TRNG SITE POSS CSS-3 EFFECTOR	CH	5083642

25X1

TOP SECRET CHASS REF

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
432424N 0242916E	PLEVEN PETROLEUM REFINERY YASEN	BU	S088684
435208N 0255917E	RUSE PETROLFUM REFINERY LEON TADZHER	RU	
432957N 0435816E	NALCHIK ARMY BARRACKS NE AL1	UR	S088720
432257N 0763627E	ALMA ATA MILITARY STORAGE DEPOT CHEMOLGAN	UR	S088724
434830N 0873710E	WULUMUCHI MILITARY REGION ARTY/TANK/INF REGTS	CH	S088291
435054N 1251440E	CHANGCHUN MOTOR VEHICLE PLANT	CH	S088343
430703N 1322017E	PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED	UR	S088542
430703N 1322017E	PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED	UR	
435000N 1464600E	ANAMA ARMY BARRACKS	UR	S088288
445103N 0154601E	BIHAC AIRFIELD	YO	S088496
443010N 0333554E	BALAKLAVA SUBMARINE BASE + SHIP REPAIR YARD	UR	S088420
443010N 0333554E	BALAKLAVA SUBMARINE BASE + SHIP REPAIR YARD	UR	
443015N 033656 E	BALAKLAVA BALLOON SITE EAST VLF ANTENNA ACT	UR	S088483
445545N 0340613E	SIMFEROPOL ORDNANCE DEPOT SOUTH D01	UR	S088612
442953N 0661406E	TYURATAM/TARTUGAY MTC RADAR TEST FAC SUSP	UR	S088578
442953N 0661406E	TYURATAM/TARTUGAY MTC RADAR TEST FAC AWACS	UR	S088535
443134N 0661516E	TYURATAM/TARTUGAY MTC RADAR TEST FAC 85M TWR	UR	S088578
443134N 0661516E	TYURATAM/TARTUGAY MTC RADAR TEST FAC 85M TWR	UR	S088535
440659N 1331523E	ARSENYEV AIRFRAME PLANT 116 HIND D MI-24	UR	S088342
455637N 0632755E	TYURATAM MTC CONSTRUCTION NEW	UP	S088591

25X1

465840N 0320019E

NIKOLAYEV SHIPYARD NORTHERN 445F CL COMBATANT

UR

S088470

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

COORD	SUBJECT	COUN	ACCN NO.
460214N 0630212E	TYURATAM MTC SPACE SITE U1/2 SL-12/13 SLV	UR	S088380
460204N 0630341E	TYURATAM MTC ICBM SITE K2 SS-9 ASSOC ACTIVITY	UR	S088540
460106N 0722804E	SARY SHAGAN MTC COMPLEX B	UR	S088551
460106N 0722804E	SARY SHAGAN MTC COMPLEX B LAUNCHERS NEW	UR	S088519
462629N 0725108E	SARY SHAGAN MTC COMPLEX F ARM LAUNCH PSTN NEW	UR	S088321
462629N 0725108E	SARY SHAGAN MTC COMPLEX F	UR	S088551
462629N 0725108E	SARY SHAGAN MTC COMPLEX F LAUNCHERS NEW	UR	S088519
462629N 0725108E	SARY SHAGAN MTC COMPLEX F ARM POSITION 3D U/C	UR	S088541
464820N 1301710E	CHIAMUSSU ALUMINUM PLANT	CH	S088444
464412N 1424520E	DACHNOYE MILITARY BKS AL1 + HQ ARTY MRL U/I	UR	S088131
473540N 0312008E	VOZNESENSK ORDNANCE DEPOT D01	UR	S088614
474928N 0351147E	ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKB	UR	S088594
474928N 0351147E	ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKB	UR	S088526
471150N 0385220E	TAGANROG AIRFRAME PLT DIMITROV 86 CANDID AWAC	UR	S088462
484939N 0141840E	CESSY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A	CZ	S088673
484939N 0141840E	CESSY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A	CZ	
482145N 0222318E	BATEVO RAILROAD TRANSLOADING YARD	UR	S088294
482116N 0222439E	BATEVO RAILROAD YARD EAST	UR	
482210N 0222935E	DARKOSOVO RAILROAD TRANSLOADING YARD	UP	
482205N 0223212E	MUKACHEVO POL STORAGE U/G DARKOSOVO	UR	
482228N 0223640E	STRABICHEVO RAILROAD TRANSLOADING YARD EAST	UR	
482345N 0221900E	YESEN RAILROAD YARD	UP	
482312N 0223340E	STRABICHEVO RAILROAD TRANSLOADING YARD	UP	
482437N 0223825E	MUKACHEVO RAILROAD YARD SW	UR	
482420N 0223940E	MUKACHEVO ARM RTP	UR	
482556N 0221313E	CHOP RAILROAD TRANSLOADING YARD	UP	
482529N 0224150E	MUKACHEVO RAILROAD TRANSLOADING YARD	UR	
482608N 0220828E	CHOP BORDER SECURITY POST WEST	UR	

63
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

COORD	SUBJECT	COUN	ACCN NO.
480755N 0230230E	VINOGRADOV ENGINEER + STORAGE DPO IZHM-56 BRG	UR	5088641
482658N 0355723E	PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC	UR	5088395
482605N 0355817E	PAVLOGRAD SOLID MOTOR TEST FAC SS-17/18 LAD	UR	5088384
484212N 0442306E	VOLGOGRAD AMMUNITION + TANK DEPOT DA1/D01	UR	5088608
485003N 0453911E	KAPUSTIN YAR MTC ELCT RLTD FAC D0-EL-06 RADAR	UR	5088416
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I	UR	5088595
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I	UR	
481851N 0461630E	AKHTUBINSK/VLADIMIROVKA AREA AFLD BACKFIRE B	UR	5088490
483658N 0461800E	KAPUSTIN YAR MTC COMPLEX C SITE 1 EQUIP U/I	UR	5088530
483658N 0461800E	KAPUSTIN YAR MTC CPLX C SITE 1 CYLINDER U/I	UR	5088561
481958N 1350653E	KRASNAYA RECHKA RADCOM STATION	UR	5089011
482040N 1350730E	KRASNAYA RECHKA COMMAND CNTRL RDO FAC BKR U/I	UR	
493459N 0343148E	POLTAVA AAA DEPOT SW D01	UR	5088677
491617N 0354453E	KEGICHEVKA ORDNANCE DEPOT D01	UR	5088722
494657N 0364442E	CHUGUYEV MILITARY DEPOT SE DX1	UR	5088721
495957N 0774949E	SEMIPALATINSK NWP6 KONYSTAN EAST EMP EXPMT	UR	5088397
494456N 0780339E	SEMIPALATINSK NWP6 DEGELEN 4 U/G TEST PREP	UR	5088447
494844N 0780734E	SEMIPALATINSK NWP6 DEGELEN LINE-OF-SIGHT PIPE	UR	5088638
495929N 0785552E	SEMIPALATINSK NWP6 SHAGAN RIVER HE TEST PREPS	UR	5088289

25X1

25X1

25X1

TOP SECRET CHESS

25X1

TOP SECRET CHESS RUFF

25X1
ZSAI

COORD	SUBJECT	COUN	ACCN NO.
495550N 1165107E	DAURIYA ARMY BARRACKS AL1 + HQ MRD SA-6 REGT	UR	S088385
490125N 1401531E	SOVETSKAYA GAVAN SUBMARINE BASE	UR	S088282
500116N 0153927E	PARDUBICE RADAR RESEARCH + PROD PLT OPOCINEK	CZ	S087935
502004N 0180936E	KOZLE AMMUNITION STORAGE FACILITY 505	PL	S088719
502645N 0255017E	DUBNO AIRFIELD NE FENCER A SU-19	UR	S088527
502950N 0304430E	BROVARY ARMY BKS AL1 BROVARY RVR CROSSING VEH	UR	S088670
500129N 0361542E	KHARKOV AIRFRAME PLANT 135 EXPANSION 1974-79	UR	S088484
502251N 1060719E	NAUSHKI TANK DEPOT D01	UR	S088676
502347N 1162037E	BORZYA AIRFIELD NW HAWK MOCKUP	UR	S088426
502347N 1162037E	BORZYA AIRFIELD NW HAWK MOCKUP	UR	
504306N 1161057E	BEZRECHNAYA ARMY BKS AL1 AMMO STGE DPO EXPLO	UR	S088421
504306N 1161057E	BEZRECHNAYA ARMY BARRACKS AL1 SA-8 REGIMENT	UR	S088385
505350N 1282700E	BELOGORSK ARMY BKS AL6 M-1970 BMP VARIANT	UR	S088393

25X1

25X1

60
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
503232N 1370248E	KOMSOMOLSK SHIPYARD 199 SUB REACTOR VAULTS	UR	S088822
503518N 1370525E	KOMSOMOLSK AIRFRAME PLANT ORDZHONIKIDZE 126	UR	S088635

25X1

510700N 0284100E	KOROSTEN ARMY BARRACKS NNE AL4 T-64/T-72 TANK	UR	S088672
510700N 0284100E	KOROSTEN ARMY BARRACKS NNE AL4 TANK DIV EXPMT	UR	S088682
511947N 0284744E	OVRUCH ARMY BKS AL1/HQ TK DIV COMBAT REGT NEW	UR	S088480
511947N 0284744E	OVRUCH ARMY BKS AL1 + HQ TANK DIV BTR-70 APC	UR	S088671
512948N 0455703E	SARATOV AIRFRAME PLANT 292 EXPANSION 1971-79	UR	S088485
514157N 0453248E	TATISHCHEVO ICBM TRNG SITE 35X 6DNC/CALIB FAC	UR	S088579
512743N 1131147E	DROVYANAYA SSM COMPLEX SS-20 REMOTE SITE	UR	S088683

25X1

514435N 1130110E	STARAYA KUKA ORDNANCE DEPOT SW1	UR	
515455N 1130715E	DOMNA AIRFIELD AIRBORNE REGIMENT DEPLOYED	UR	S088451
510100N 1152540E	OLOVYANNAYA AIRFIELD AIRBORNE REGIMENT DPL	UR	

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

COORD

SUBJECT

COUN

ACCN NO.

25X1

523041N 0524711E	TOTSKOYE ARMY BARRACKS AL1 MINE-ASSOC VEH	UR	S088669
525454N 1033434E	BELAYA AIRFIELD AAM U/I FIDDLER TU-128 MTD	UR	S088489
525454N 1033434E	BELAYA AIRFIELD AAM U/I FIDDLER TU-128 MTD	UR	
522250N 1040923E	IRKUTSK ORDNANCE DEPOT BATAREYNAYA 001	UR	S088725
520420N 1132615E	CHITA AIRFIELD NW BIVOUAC AREA AIRBORNE RLTD	UR	S088451
525925N 1584558E	PETROPAVLOVSK ARMY BARRACKS AL25	UR	S088675

25X1

533455N 0163233E	BORNE ARMY BARRACKS 201 SS-1 BRIGADE UPGRADED	PL	S088454
530430N 0263840E	KLETSK MILITARY DEPOT	UR	S088723
531315N 0501804E	KUYBYSHEV AEROSPACE PRODUCTION PLANT 1 CONST	UR	S088625
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	S088596
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	S088589
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	

70

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	S088525
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	
534425N 1194430E	MOGOCHA HELIPORT HIND D MI-24 WEAPONS U/I	UR	S088481
530125N 1584225E	PETROPAVLOVSK ARMY BARRACKS AL8	UR	S088718
530344N 1583812E	PETROPAVLOVSK ARMY BARRACKS AL24	UR	S088615
544137N 0202616E	KALININGRAD SHIPYARD STATE B20D CL COMBATANT	UR	S088492
540511N 0225545E	SUWALKI MILITARY BARRACKS 3	PL	S088608
5412 N 03737 E	TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I	UR	S088517
5412 N 03737 E	TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I	UR	S088577
545247N 0691643E	PETROPAVLOVSK MISSILE ASSEMBLY FACILITY PROB	UR	S088395
551123N 0301341E	VITEBSK ARMY BKS EAST AL5 ABRN DIV MBLZTN ACT	UR	S088418
554154N 0375242E	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	S088592
554154N 0375242E	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	S088523
554254N 0373415E	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300	UR	S088590
554254N 0373415E	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300	UR	S088533
554717N 0375152E	MOSKVA AIRFIELD CENTRAL PARADE PREPARATIONS	UR	S088647
554935N 0375935E	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165	UR	S088593
554935N 0375935E	MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165	UR	S088536
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD BP	UR	S088501
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD BP	UR	

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
ZDAI

COORD	SUBJECT	COUN	ACCN NO.
555517N 0374805E	MOSKVA MISSILE + SPA DEV CTR CENTRAL DSGN BUR	UR	S087506
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR RSCH INST 8 th	UR	S088576
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR RSCH INST 8 th	UR	
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 8 th	UR	S088574
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER	UR	S088564
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER	UR	
555517N 0374805E	MOSKVA MISSILE + SPA DEV CTR CENTRAL DSGN BUR	UR	S087506
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 8 th	UR	S088707
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 8 th	UR	
553238N 0380710E	RAMENSKOYE FLIGHT TEST CTR AREA 5 MYASISHCHEV	UR	S088518
553238N 0380710E	RAMENSKOYE FLIGHT TEST CENTER AREA 5	UR	S088715
553238N 0380710E	RAMENSKOYE FLIGHT TEST CENTER AREA 5	UR	S088714
553405N 0380712E	MOSKVA/RAMENSKOYE AIRFIELD	UR	S088646
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER RAM K/L	UR	S088488
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER AERODY VEH U/I	UR	S088475
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER CANDID MODIF	UR	S088486
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER BACKFIRE B ACT	UR	S088531
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER AERODY OBJ U/I	UR	S088558
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER RAM K	UR	S088610
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER	UR	S088646
555203N 0490800E	KAZAN AIRFIELD NORTH BACKFIRE B MODIF ACT	UR	S088531
550425N 0600630E	MIASS MOTOR VEHICLE PLANT URAL	UR	S088392
552553N 0645748E	IKOVKA ORDNANCE DEPOT D01	UR	S088609

72
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
550052N 0732337E	OMSK ORDNANCE + AMMUNITION DEPOT	UR	S088726
5540 N 08910 E	DEREZOVSKOYE COAL MINING ACTIVITY	UR	S087503
555720N 0925920E	KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 2	UR	
5554 N 09454 E	BORODINO COAL MINING	UR	
565628N 0215532E	KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR	UR	S088483
565628N 0215532E	KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR	UR	
565628N 0215532E	KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR	UR	
561407N 0380018E	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	S088528
561407N 0380018E	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	S088522
561407N 0380018E	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	
561407N 0380018E	REPIKHOVO RADIO RELAY + RADCOM XMTR STATION	UR	S088528
562142N 0435228E	GORKIY SHIPYARD 112 SUBMARINE REACTOR VAULTS	UR	S088822
5611 N 04411 E	KSTOVO IONOSPHERIC HEATER ANTENNA SEARCH	UR	S088706
5600 N 09024 E	NAZAROVO COAL MINING ACTIVITY	UR	S087503
560220N 0902022E	NAZAROVO THERMAL POWER PLANT GRES 1	UR	
560132N 0930144E	KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 1	UR	
560849N 0942851E	ZAOZERNYY THERMAL POWER PLT KRASNOYARSK GRES	UR	
571120N 0242026E	RIGA SSM TRAINING FACILITY SS-11 ACTIVITY	UR	S088512
572310N 0281000E	OSTROV SSM TRAINING POSITION 2 SS-11 ACTIVITY	UR	
575216N 0333658E	YEDROVO ICBM RTP GUIDANCE/CALIBRATION FAC	UR	S088566
570224N 0540830E	VOTKINSK MISSILE ASSEMBLY + CHECKOUT FACILITY	UR	S088395
575848N 0561508E	PERM AIRCRAFT ENGINE PLT STALIN SOLOVYEV OKB	UR	S088524
575930N 0561601E	PERM ORDNANCE DEPOT CENTRAL D01	UR	S088613
570400N 0604230E	SVERDLOVSK ARTILLERY TEST RANGE	UR	S088674

25X1

7.5
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

COORD	SUBJECT	COUN	ACCN NO.
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	S088570
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	S088563
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	S088575
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FAC CONST	UR	S088568
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	S088567
595233N 0301406E	LENINGRAD SHIPYARD ZHDANOV 190A CL COMBATANT	UR	S088473
595851N 0302023E	LENINGRAD AIRCRAFT ENG PLT 117 TEST CELL BLDG	UR	S088572
595851N 0302023E	LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKB	UR	S088555
595851N 0302023E	LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKB	UR	S088514
602800N 0302500E	KUYVOZI SIGINT SITE DO-EL-02 ESM RADAR POSS	UR	S088821
625823N 0412408E	PLESETSK MTC ICBM SITE 21 TEL U/I	UR	S088587
643339N 0394627E	SEVERODVINSK NAVAL MISSILE SUPPORT FAC	UR	S088691
643438N 0394832E	SEVERODVINSK SHIPYARD 402 CONSTRUCTION ACT	UR	S088494
643438N 0394832E	SEVERODVINSK SHIPYARD 402 SSBN HULL PLATE	UR	S088678
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY OSTROV CONST	UR	S088493
643807N 0390924E	NENOKSA NAVAL MTC TRACKING FACILITY	UR	S088710
175522S 0310605E	SALISBURY AIRFIELD AIRBORNE ASSAULT PREP POSS	RH	S087504
175522S 0310605E	SALISBURY AIRFIELD REVETMENT WALLS	RH	S088390
192609S 0295140E	GWELLO/THORNTON HILL AIRFIELD REVETMENT WALLS	RH	

25X1

25X1

25X1

25X1

74
TOP SECRET CHESS RUFF

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

TOP SECRET CRESS RUFF

25X1
Z5X1

COORD	SUBJECT	CODE	ACCN NO.
254700S 0275400E	PELINDABA NUCLEAR RESEARCH CTR MIL ACT SEARCH	SF	S088344
254700S 0275400E	PELINDABA NUCLEAR RESEARCH CTR MIL ACT SEARCH	SF	
264810S 0275105E	SASOLBURG POL STORAGE	SF	S088619
295318S 0305942E	DURBAN SHIP REPAIR YARD SANDUCK RESHEF CL PGG	SF	S088399
295830S 0305650E	DURBAN POL STORAGE AREA LOUIS BOTHA 2	SF	S088619
295830S 0305860E	DURBAN POL STORAGE BP SHELL 1	SF	
295230S 0310230E	DURBAN PORT FACILITIES RESHEF PGG ASW-COMFIS	SF	S088386
325945S 0180200E	SALDANHA BAY POL STORAGE	SF	S088619
335000S 0185200E	CAPE TOWN POL STORAGE 1 MILNERTON CALTEX	SF	
335100S 0185240E	CAPE TOWN POL STORAGE 2 MILNERTON CALTEX	SF	
335051S 0190155E	WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB	SF	S088600
335051S 0190155E	WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB	SF	

TOP SECRET CRESS RUFF

25X1

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

PART V

Listing of Reports by WAC/BE Number

TOP SECRET CHESS RUFF

25X1

SUBJECT	IDHS CODE	COORD	COU	ACCN NO.
NOVAYA ZEMLYA NWP6 MATOCHKIN SHAR TEST AREA		731326N 0545125E	UR	S088654
SEVERODVINSK SHIPYARD 402 SS6N HULL PLATE		643438N 0394832E	UR	S088678
SEVERODVINSK SHIPYARD 402 CONSTRUCTION ACT		643438N 0394832E	UR	S088494
SEVERODVINSK NAVAL MISSILE SUPPORT FAC		643339N 0394627E	UR	S088691
SEVERODVINSK SHIPYARD YAGRY OSTROV CONST		643514N 0394907E	UR	S088493
NENOKSA NAVAL MTC TRACKING FACILITY		643807N 0390924E	UR	S088710
PLESETSK MTC ICRM SITE 21 TEL U/I		625823N 0412408E	UR	S088587
KUYBULZI SIGINT SITE DO-EL-02 ESM RADAR POSS		602800N 0302500E	UR	S088821
KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR		565628N 0215532E	UR	S088483
KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR		565628N 0215532E	UR	
KULDIGA NAVAL VLF RADCOM TRANSMITTER STA/BKR		565628N 0215532E	UR	
LOMONOSOV LASER WPN FAC FITTER FUSELAGE IDENT		595412N 0290118E	UR	S088322
LOMONOSOV LASER WPN FAC FITTER FUSELAGE IDENT		595412N 0290118E	UR	
LENINGRAD SHIPYARD ZHDANOV 190A CL COMBATANT		595233N 0301406E	UR	S088473
LENINGRAD AIRCRAFT ENG PLT 117 TEST CELL BLDG		595851N 0302023E	UR	S088572
LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKP		595851N 0302023E	UR	S088555
LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKR		595851N 0302023E	UR	S088514
OSTROV SSM TRAINING POSITION 2 SS-11 ACTIVITY		572310N 0281000E	UR	S088512
RIGA SSM TRAINING FACILITY SS-11 ACTIVITY		571120N 0242026E	UR	
YEDROVO ICRM RTP GUIDANCE/CALIBRATION FAC		575216N 0333858E	UR	S088566
GORKIY SHIPYARD 112 SUBMARINE REACTOR VAULTS		562142N 0435228E	UR	S088822
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION		561407N 0380018E	UR	S088582
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION		561407N 0380018E	UR	
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION		561407N 0380018E	UR	S088528
REPIKHOVO RADIO RELAY + RADCOM XMTR STATION		561407N 0380018E	UR	

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	CONF	ACCN NO.
VOTKINSK MISSILE ASSEMBLY + CHECKOUT FACILITY		570224N 0540830E	UR	S088395
PERM AIRCRAFT ENGINE PLT STALIN SOLOVYEV OKB		575848N 0561508E	UR	S088524
PERM ORDNANCE DEPOT CENTRAL D01		575930N 0561601E	UR	S088613

25X1

25X1

25X1

NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY		580930N 0605602E	UR	S088575
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY		580930N 0605602E	UR	S088570
NIZHNYAYA SALDA ROCKET ENGINE TEST FAC CONST		580930N 0605602E	UR	S088568
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY		580930N 0605602E	UR	S088567
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY		580930N 0605602E	UR	S088563
SVERDLOVSK ARTILLERY TEST RANGE		570400N 0604230E	UR	S088674
KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 1		560132N 0930144E	UR	S087503
NAZAROV THERMAL POWER PLANT GRES 1		560220N 0902022E	UR	
ZAOZERNYY THERMAL POWER PLT KRASNOYARSK GRES		560849N 0942851E	UR	
KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 2		555720N 0925920E	UR	
PETROPAVLOVSK MISSILE ASSEMBLY FACILITY PROB		545247N 0691643E	UR	S088395
OMSK ORDNANCE + AMMUNITION DEPOT		550052N 0732337E	UR	S088726
MIASS MOTOR VEHICLE PLANT URAL		550425N 0600630E	UR	S088392

25X1

IKOVKA ORDNANCE DEPOT D01		553553N 0645748E	UR	S088609
KUYBYSHEV AEROSPACE PRODUCTION PLANT 1 CONST		531315N 0501804E	UR	S088625
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	S088525
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053N 0501231E	UR	

25X1

78
TOP SECRET CHESS RUFF

TOP SECRET CHESN RUFF

25X1

SUBJECT	IDHS CODE	COORD	COLL	ACCN NO.
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053H 0501231F	UR	S088595
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053H 0501231F	UR	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053H 0501231F	UR	S088589
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT		532053H 0501231F	UR	
TOTSKOYE ARMY BACKPACKS FL1 MINE-ASSOC VEH		523041H 0524711F	UR	S088569
KAZAN AIRFIELD NORTH BACKFIRE B MODIF ACT		555203H 0490805F	UR	S088531

25X1

25X1

25X1

RAMENSKOYE FLIGHT TEST CENTER BACKFIRE B ACT		553418H 0390923F	UR	S088531
RAMENSKOYE FLIGHT TEST CENTER AREA 5		553238H 0380710F	UR	S088715
RAMENSKOYE FLIGHT TEST CENTER AREA 5		553238H 0380710F	UR	S088714
RAMENSKOYE FLIGHT TEST CTR AREA 5 MYASISHCHEV		553238H 0380710F	UR	S088518
TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I		5412 H 03737 F	UR	S088577
TULA MISSILE DESIGN BUREAU HIGH-BAY BLDGS U/I		5412 H 03737 F	UR	S088517
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165		554935H 0373935F	UR	S088536
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165		554935H 0373935F	UR	S088593
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517H 0374805F	UR	S088707
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517H 0374805F	UR	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517H 0374805F	UR	S088501
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517H 0374805F	UR	
MOSKVA MISSILE + SPACE DEV CTR RSCH INST 88		555517H 0374805F	UR	S088576
MOSKVA MISSILE + SPACE DEV CTR RSCH INST 88		555517H 0374805F	UR	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517H 0374805F	UR	S088574
MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER		555517H 0374805F	UR	S088564
MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER		555517H 0374805F	UR	

TOP SECRET CHESN RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MOSKVA MISSILE + SPA DEV CTR CENTRAL DSGN BUR		555517N 0374805F	UR	S087506
MOSKVA MISSILE + SPA DEV CTR CENTRAL DSGN BUR		555517N 0374805F	UR	
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300		554254N 0373415F	UR	S088533
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300		554254N 0373415F	UR	S088590
VITEBSK ARMY BKS EAST ALS ABRN DIV WBLZTN ACT		551123N 0301341F	UR	S088418
RAMENSKOYE FLIGHT TEST CENTER		553418N 0380923F	UR	S088646
RAMENSKOYE FLIGHT TEST CENTER RAM K		553418N 0380923F	UR	S088610
RAMENSKOYE FLIGHT TEST CENTER AERODY OBJ U/I		553418N 0380923F	UR	S088558
RAMENSKOYE FLIGHT TEST CENTER RAM K/L		553418N 0380923F	UR	S088488
RAMENSKOYE FLIGHT TEST CENTER CANDID MODIF		553418N 0380923F	UR	S088486
RAMENSKOYE FLIGHT TEST CENTER AERODY VEH U/I		553418N 0380923F	UR	S088475
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV		554154N 0375242F	UR	S088592
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV		554154N 0375242F	UR	S088523
MOSKVA AIRFIELD CENTRAL PARADE PREPARATIONS		554717N 0373152F	UR	S088647
MOSKVA/RAMENSKOYE AIRFIELD		553405N 0380712F	UR	S088646
SUWALKI MILITARY BARRACKS 3		540511N 0225545F	PL	S088668
KLETSK MILITARY DEPOT		530430N 0263840F	UR	S088723
KALININGRAD SHIPYARD STATE 820D CL COMBATANT		544137N 0202616F	UR	S088492

25X1

BORNE ARMY BARRACKS 201 SS-1 BRIGADE UPGRADED

533455N 0163233F PL S088454

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

25X1

25X1

PETROPAVLOVSK ARMY BARRACKS AL24

530344N 1583812E UR S088615

PETROPAVLOVSK ARMY BARRACKS AL25

525925N 1584558E UR S088675

PETROPAVLOVSK ARMY BARRACKS AL8

530125N 1584225E UR S088718

CHITA AIRFIELD NW RIVOUAC AREA AIRBORNE RLTD

520426N 1132615E UR S088451

OGOCHE HELIPORT BTND D MI-24 WEAPONS U/I

534425N 1194430E UR S088481

IRKUTSK ORDNANCE DEPOT KATAREYNAYA D01

522250N 1040323E UR S088725

25X1

RELAYA AIRFIELD ALM U/I FIDDLER TU-128 MTd

525454N 1033434E UR S088489

RELAYA AIRFIELD ALM U/I FIDDLER TU-128 MTd

525454N 1033434E UR

STARAYA KUKA ORDNANCE DEPOT SW1

514435N 1130110E UR S088717

25X1

HAUSKI TANK DEPOT C01

502251N 1060719E UR S088676

LOWRA AIRFIELD / AIRBORNE REGIMENT DEPLOYED

515055N 1139715E UR S088451

PROVVALAYA ES COMPLEX US-20 REMOTE S11

512743N 1131147E UR S088683

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BEZRECHNAYA ARMY BARRACKS AL1 SA-8 REGIMENT		504306N 1161057E	UR	S088385
BEZRECHNAYA ARMY BKS AL1 AMMO STGE DPO EXPLO		504306N 1161057E	UR	S088421
DAUKIYA ARMY BARRACKS AL1 + HQ MRD SA-6 REGT		495550N 1165107E	UR	S088385
OLOVYANNAYA AIRFIELD AIRBORNE REGIMENT DPL		510100N 1152540E	UR	S088451
BORZYA AIRFIELD NW HAWK MOCKUP		502347N 1162037E	UR	S088426
BORZYA AIRFIELD NW HAWK MOCKUP		502347N 1162037E	UR	

25X1

25X1

BELOGORSK ARMY BKS AL6 M-1976 BMP VARIANT		505350N 1282700E	UR	S088393
KOMSOMOLSK AIRFRAME PLANT ORDZHONIKIDZE 126		503518N 1370525E	UR	S088635
KOMSOMOLSK SHIPYARD 199 SUB REACTOR VAULTS		503232N 1370248E	UR	S088822
SOVETSKAYA GAVAN SUBMARINE BASE		490125N 1401531E	UR	S088282

25X1

25X1

KRASNAYA RECHKA R.DCOM STATION		481958N 1350653E	UR	S089011
KRASNAYA RECHKA COMMAND CNTL RDO FAC BKR U/I		482040N 1350730E	UR	

25X1

CESKY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A		484939N 0141840E	CZ	S088673
CESKY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A		484939N 0141840E	CZ	

25X1

PARDUBICE RADAR RESEARCH + PROD PLT OPOCINEK		500116N 0153427E	CZ	S087935
--	--	------------------	----	---------

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

CHOP RAILROAD TRANSLOADING YARD
 MUKACHEVO RAILROAD TRANSLOADING YARD
 MUKACHEVO POL STORAGE U/G BARKOSOVO
 KOZLE AMMUNITION STORAGE FACILITY 505
 BATEVO RAILROAD TRANSLOADING YARD
 MUKACHEVO MRBM RTIP
 BARKOSOVO RAILROAD TRANSLOADING YARD
 STRANICHEVO RAILROAD TRANSLOADING YARD
 VINOGRADOV ENGINEER + STORAGE DPO NZHM-56 BRG
 YESEN RAILROAD YARD
 OVRUCH ARMY BKS AL1/HQ TK DIV COMBAT REGT NEW
 OVRUCH ARMY BKS AL1 + HQ TANK DIV BTR-70 APC
 BROVARY ARMY BKS AL1 BROVARY RVR CROSSING VEH
 KOROSTEN ARMY BARRACKS NNE AL4 TANK DIV EXPMT
 KOROSTEN ARMY BARRACKS NNE AL4 T-64/T-72 TANK
 DUBNO AIRFIELD NE FENCE A SU-19
 KHARKOV AIRFRAME PLANT 135 EXPANSION 1974-79
 KEGICHEVKA ORDNANCE DEPOT D01
 CHUGUYEV MILITARY DEPOT SE DX1
 POLTAVA AAA DEPOT SW D01
 PAVLOGRAD SOLID MOTOR TEST FAC SS-17/18 IAD
 PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC
 AKHTUBINSK/VLADIMIROVKA AREA AFBD BACKPIPE R
 KAPUSTIN YAR MTC EJECT RLTD FAC DO-FL-06 RADAR

482556N 0221313E UR 5088294
 482529N 0224150E UR
 482205N 0223212E UR
 502004N 0180936E PL 5088719
 482145N 0222318E UR 5088294
 482420N 0223940E UR
 482210N 0222335E UR
 482312N 0223340E UR
 480755N 0230230E UR 5088641
 482345N 0221900E UR 5088294
 511947N 0284744E UR 5088480
 511947N 0284744E UR 5088671
 502950N 0304430E UR 5088670
 510700N 0284100E UR 5088682
 510700N 0284100E UR 5088672
 502645N 0255017E UR 5088527
 500129N 0361542E UR 5088484
 491617N 0354453E UR 5088722
 494657N 0364442E UR 5088721
 493459N 0343148E UR 5088677
 482605N 0355817E UR 5088384
 482658N 0355723E UR 5088335
 481851N 0461036E UR 5088499
 485068N 0453311E UR 5088416

25X1

83

TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF ZARF UMBRA/NOFORN

TCS-35147-79

25X1

[Redacted]

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SARATOV AIRFRAME PLANT 292 EXPANSION 1971-79	[Redacted]	512948N 0455703E	UR	S088485
KAPUSTIN YAR MTC COMPLEX C SITE 1 EQUIP U/I		483658N 0461800E	UR	S088530
KAPUSTIN YAR MTC CPLX C SITE 1 CYLINDER U/I		483658N 0461800E	UR	S088581
TATISHCHEVO ICBM TRNG SITE 35X 6DNC/CALIB FAC		514157N 0453248E	UR	S088579
VOLGOGRAD AMMUNITION + TANK DEPOT DA1/D01		484212N 0442306E	UR	S088608
AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I		481838N 0461424E	UR	S088595
AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I		481838N 0461424E	UR	

25X1

25X1

25X1

[Redacted]

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

25X1

SARY SHAGAN MTC LASER RANGE PROB LASER DEVICE
SARY SHAGAN MTC COMPLEX B
SARY SHAGAN MTC COMPLEX B LAUNCHERS NEW
SARY SHAGAN MTC COMPLEX F ABM POSITION 3D U/C
SARY SHAGAN MTC COMPLEX F ABM LAUNCH PSTN NEW
SARY SHAGAN MTC COMPLEX F
SARY SHAGAN MTC COMPLEX F LAUNCHERS NEW
TYURATAM/TARTUGAY MTC RADAR TEST FAC AWACS
TYURATAM/TARTUGAY MTC RADAR TEST FAC SUSP
TYURATAM/TARTUGAY MTC RADAR TEST FAC 85M TWR
TYURATAM/TARTUGAY MTC RADAR TEST FAC 85M TWR
TYURATAM MTC ICRM SITE K2 SS-9 ASSOC ACTIVITY
TYURATAM MTC SPACE SITE UT/2 SL-12/13 SLV
TYURATAM MTC CONSTRUCTION NEW
ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKB
ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKB
TAGANROG AIRFRAME PLT DIMITROV 86 CANDID AWAC
NIKOLAEV SHIPYARD NORTHERN 445F CL COMBATANT
BALAKLAVA SUBMARINE BASE + SHIP REPAIR YARD
BALAKLAVA SUBMARINE BASE + SHIP REPAIR YARD
SIMFEROPOL ORDNANCE DEPOT SOUTH D01
VOZNESEISK ORDNANCE DEPOT D01

455054N 0733522E UR
460106N 0722804E UR S088551
460106N 0722804E UR S088519
462629N 0725108E UR S088541
462629N 0725108E UR S088321
462629N 0725108E UR S088551
462629N 0725108E UR S088519
442953N 0661406E UR S088535
442953N 0661406E UR S088578
443134N 0661516E UR S088535
443134N 0661516E UR S088578
460204N 0630341E UR S088540
460214N 0630212E UR S088580
455637N 0632755E UR S088591
474928N 0351147E UR S088594
474928N 0351147E UR S088526
471150N 0385220E UR S088482
465840N 0320019E UR S088470
443010N 0333554E UR S088620
443010N 0333554E UR
445545N 0340013E UR S088612
473540N 0312008E UR S088614

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	INHS CODE	COORD	COUN	ACCN NO.
BIHAC AIRFIELD		445103N 0154601E	YO	S088496
DACHNOYE MILITARY BKS AL1 + HQ ARTY MRL U/I		464412N 1424520E	UR	S088131
ARSENYEV AIRFRAME PLANT 116 HIND D MI-24		440859N 1331523E	UR	S088342
CHIAMUSSU ALUMINUM PLANT		464820N 1301710E	CH	S088444
SHUANGCHENG TZU MTC RANGEHEAD RECEIVER		405507N 1000330E	CH	S088522
SHUANGCHENG TZU MTC RANGEHEAD TRANSMITTER		410917N 1001300E	CH	
SHUANGCHENG TZU AIRFIELD AAM IDENTIFIED		402359N 0994731E	CH	S088419
SHUANGCHENG TZU AIRFIELD AAM IDENTIFIED		402359N 0994731E	CH	
SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS		410800N 1001500E	CH	S088273
SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS		410800N 1001500E	CH	
HUAIJOU MISSILE PROPULSION R+D FACILITY		402424N 1164027E	CH	S088334
CHINGYU MTC SSM R+D/TRNG SITE B CSS-3 ERECTOR		421755N 1265231E	CH	S088642
CHINGYU MTC SSM TEST LNCH SITE POSS CSS-3 GSE		421755N 1265231E	CH	S088441
SHENYANG AIRFRAME PLANT 112 FLOGGER EGYPTIAN		415208N 1232600E	CH	S088332
CHANGCHUN MOTOR VEHICLE PLANT		435054N 1251440E	CH	S088343
KUSONG TANK PLANT PUG		400318N 1251320E	KN	S088644
CHINGYU MTC SSM SUPPORT FAC CSS-3 TRANSPORTER		421658N 1265314E	CH	S088642
PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED		430703N 1322017E	UR	S088542
PETROVKA NAVAL BASE + SHPYD Y SSBN DISMANTLED		430703N 1322017E	UR	
ANAMA ARMY BARRACKS		435000N 1464600E	UR	S088288
BERAT/STALIN AIRFIELD EW RADAR FACILITY		404700N 0195100E	AL	S088701
FIER EW RADAR FACILITY		404400N 0193100E	AL	
DURRES PORT FACILITIES EXPANSION ACTIVITY		411833N 0192716E	AL	S088621
CERRIK PETROLEUM REFINERY		410216N 0195810E	AL	S088271

25X1
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESN RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	COUNTRY	ACCN NO.
ROSE PETROLEUM REFINERY LEON TADZHER		435208N 0255917E	BU	S088684
STALIN PETROLEUM REFINERY		404817N 0195435E	AL	S088621
STALIN PETROLEUM REFINERY		404817N 0195435E	AL	S088271
FIKRO NITROGEN FERTILIZER PLANT		404225N 0193305E	AL	S088621
LAC CHEMICAL + COPPER PLANT		413942N 0194208E	AL	
PLEVEN PETROLEUM REFINERY YASEN		432424N 0242916E	BU	S088684
VLORE CHEMICAL FERTILIZER PLANT		402825N 0192713E	AL	S088621
FIKRO PETROLEUM REFINERY		404220N 0193306E	AL	
FIKRO PETROLEUM REFINERY		404220N 0193306E	AL	S088271
BALLESH PETROLEUM REFINERY		403615N 0194535E	AL	
BALLESH PETROLEUM REFINERY		403615N 0194535E	AL	S088621
BALLESH PETROLEUM REFINERY		403615N 0194535E	AL	S088701
DURRES INDUSTRIAL AREA		411905N 0192715E	AL	S088621
BURGAS PETROLEUM REFINERY KAMENO		423245N 0272017E	BU	S088684
NALCHIK ARMY BARRACKS AL1		432957N 0433816E	UR	S088720
NASOSNYI AIRFIELD FOXBAT A MIG-25 MODIFS SRCH		403534N 0493322E	UR	S088532
NASOSNYI AIRFIELD AIRCRAFT ENGINE TEST BLDG		403534N 0493322E	UR	S088712
CHIRCHIK ARMY BARRACKS AL1 + SCHOOL ABRN REGT		413050N 0693720E	UR	S088381
CHIRCHIK ARMY BARRACKS AL1 + SCHOOL ABRN REGT		413050N 0693720E	UR	
OSH ARMY BKS AL1/SAM SUB FAC/RSV EQUIP DEPOT		403100N 0724503E	UR	
OSH ARMY BKS AL1/SAM SUB FAC/RSV EQUIP DEPOT		403100N 0724503E	UR	
OSH ARMY BKS AL1/SAM SUB FAC/RSV EQUIP DEPOT		403100N 0724503E	UR	
FERGANA ARMY BARRACKS AL1 + HQ AIRBORNE DIV		402300N 0714550E	UR	
ALMA ATA MILITARY STORAGE DEPOT CHEMOLGAN		432257N 0763627E	UR	S088724
LOPUPO NUCLEAR TEST SITE TEST ACTIVITY		404741N 0893934E	CH	S088332
SOLUDUMPI MILITARY REGION ARTY/TANK/INF PLGTS		434830N 0873710E	CH	S088291

25X1
25X1

TOP SECRET CHESN RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

25X25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
WUSHIHTALA AIRFIELD TEST ACTIVITY NUC RLTD		421050N 0871110E	CH	
TACHAITAN SSM SITE 1		374709N 0952746E	CH	S088559
TACHAITAN SSM SITE 1		374709N 0952746E	CH	S088508
TACHAITAN SSM SITE 2		373600N 0954242E	CH	S088559
TACHAITAN SSM SITE 2		373600N 0954242E	CH	S088508
SULO SSM/SPACE TRACKING FACILITY		392340N 0761220E	CH	S088538
SULO SSM/SPACE TRACKING FACILITY		392340N 0761220E	CH	S088597
ALGER/DAR EL BEIDA AFLO T-72/BTR-60/PA IDENT		364136N 0031302E	AG	S088424
HAMHUNG MACHINERY PLANT YONGSONG EXPLO DAMAGE		394908N 1273558E	KN	S088291
HUNGNAM RAIL YARD MUNITIONS TRAIN EXPLOSION		395018N 1273741E	KN	
LUSHUN OPTICAL TRACKING FACILITY		384728N 1211810E	CH	S088450
LUNGKOU OPTICAL TRACKING FACILITY		374110N 1201330E	CH	
TZUPO ALUMINA + ALUMINUM PLANT		364444N 1180324E	CH	S088444
TENGSHAN SSM FIELD PSTN 1/2 WHD MATING EXER		390911N 1220453E	CH	S088448
PIENKUAN RADIO RELAY STATION BUNKERED		392144N 1113535E	CH	S088537
HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE		385027N 1122757E	CH	
HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE		385027N 1122757E	CH	
HSINHSIEN COMSAT STATION WEST		382557N 1122745E	CH	
WUCHAI MTC RADCOM TRANSMITTER STATION 2		392330N 1111140E	CH	
HSINHSIEN COMSAT STATION DOMESTIC PROB		382950N 1123245E	CH	
WUCHAI MTC RADCOM STATION 1		384930N 1114500E	CH	
TAIYUAN ALUMINUM PLANT		375320N 1122830E	CH	S088444
HANTAN ALUMINUM PLANT		362805N 1142412E	CH	
WUCHAI MTC SSM SUIT FAC RAILCAR CSS-X-4/CSL-2		384828N 1113658E	CH	S088495
WUCHAI MTC SSM SUIT FAC RAILCAR CSS-X-4/CSL-2		384828N 1113658E	CH	
WUCHAI MTC SSM R+D SITE D CSS-X-4/CSL-2 ACT		385052N 1113632E	CH	S088320

TOP SECRET CHESS RUFF

25X1

TOP SECRET CRESS RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS		385052N 1113632E	CH	5088423
WUCHAI MTC SITE D CSS-X-4/CSL-2 PRPLNT TRANS		385052N 1113632E	CH	
LOYANG SSM RAIL TRANSSHIPMENT FAC CSS-X-4 GSE		343535N 1122600E	CH	5088422
JUNGYANG ALUMINA + ALUMINUM PLANT		344852N 1131632E	CH	5088444
LONING ICBM SITE 1 SILO CONSTRUCTION		342143N 1115045E	CH	5088513
LONING ICBM SITE 1		342143N 1115045E	CH	5088549
LONING ICBM SITE 2		341702N 1113735E	CH	5088513
LONING ICBM SITE 3		341702N 1113735E	CH	5088549
MISKATAH AIRFIELD		321928N 0150350E	LY	5088318
TUBRUQ SUBMARINE TRAINING SCHOOL		320609N 0235825E	LY	5088291
TUBRUQ PORT FACILITIES ARMS SHIPMENT		320455N 0235850E	LY	5088417
BENINA AIRFIELD		320545N 0201630E	LY	5088318
LABRAQ AIRFIELD REDEVELOPMENT		324739N 0215750E	LY	5088471
TUBRUQ AIRFIELD CONSTRUCTION PROGRESS		320603N 0235032E	LY	5088491
TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED		343122N 0373745E	SY	5088425
TIYAS AIRFIELD AS-9 CONTAINERS IDENTIFIED		343122N 0373745E	SY	
TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED		343122N 0373745E	SY	5088649
TIYAS AIRFIELD AS-7 CONTAINERS IDENTIFIED		343122N 0373745E	SY	
ESFAHAN IRON + STEEL PLANT		322540N 0511950E	IR	5088306
KUSKA ARMY BRS ALI/TAH AND COMBAT UNIT MOV		351631N 0622020E	IR	5088655
BAGRAM AIRFIELD AIRBORNE INFANTRY BN SOV PROB		345700N 0691602E	AF	5088622
DEHRA DUN INTERNATIONAL SATELLITE GROUND STA		301032N 0780035E	IN	5088330

25X1

25X1

25X1

TOP SECRET CRESS RUFF

25X1

TOP SECRET CHESH RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	CONF	ACCN NO.
NEW DELHI SATELLITE STATION DOMESTIC		283644N 0771100E	TN	S088329

25X1

25X1

25X1

RAS KOH MOUNTAIN RANGE TUNNELING ACTIVITY U/I		284709N 0645535E	PK	S088616
AL ISKANDARIYAH SAM TRNG SITE 26 CSA-1 EQUIP		311850N 0300322E	FG	S088388

25X1

AL QAHIRAH ALMAZA AIRFIELD HAY-SERIES ANTENNA	300536N 0312128E	FG	S088534
AL QAHIRAH AIRFIELD WEST HAY-SERIES ANTENNAS	300706N 0305500E	FG	
AZ ZAGAZIQ AIRFIELD HAY-SERIES ANTENNAS	303550N 0313956E	FG	
KANBUTH AIRFIELD 3 REDEVELOPMENT	315055N 0243553E	LY	S088490
MARBLE ARCH AIRFIELD CABLE-LAYING UNIT POSS	302735N 0183430E	LY	S088474
AZ ZUWAYTINAN AIRFIELD	305217N 0200431E	LY	S088318
HUN AIRFIELD RUNWAY CONSTRUCTION	290650N 0155710E	LY	S088339
SURT AIRFIELD	310334N 0163549E	LY	S088318
SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	311205N 1212901E	CH	S088323
SHANGHAI SHIPYARD KIANGNAN YUAN WANG CL SESS	311205N 1212901E	CH	S088291
SHANGHAI SHIPYARD KIANGNAN SUBMERSIBLE ACT	311205N 1212901E	CH	S088415
HOFEI ALUMINUM PLANT	315651N 1171610E	CH	S088444
CHUHSIEN ALUMINUM PLANT	285345N 1185320E	CH	
LIENKENGWANG SSM COMPLEX	301200N 1174330E	CH	S088557
LIENKENGWANG SSM COMPLEX	301200N 1174330E	CH	S088556
SUNG LIN SSM/SPACE TRACKING FACILITY	275341N 1021408E	CH	S088529

90
TOP SECRET CHESH RUFF

25X1

TOP SECRET CHESSE RUFF

25X1

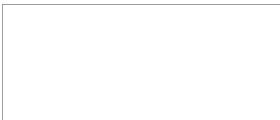
SUBJECT	INDUS CODE	COORD	COUN	ACCN NO.
SUNGLIN SSM/SPACE TRACKING FACILITY		275341N 1021408E	CH	S088580
HSIANGHSIANG ALUMINA + ALUMINUM PLANT		274340N 1122950E	CH	S088444
HSINHUA SSM/SPACE TRACKING FACILITY AREA A		274605N 1111535E	CH	S088584
HSINHUA SSM/SPACE TRACKING FACILITY		274605N 1111535E	CH	S088506
HSINHUA SSM/SPACE TRACKING FACILITY AREA B		274605N 1111535E	CH	S088583
GHAT AIRFIELD NORTH CONSTRUCTION PROGRESS		250802N 0100846E	LY	S088472
SEBHA AIRFIELD		270105N 0142750E	LY	S088340
PHONG SAVAN AIRFIELD WEST RECONSTRUCTION		192736N 1031142E	LA	S088331
XIENG KHOUANG AIRFIELD RECONSTRUCTION		192653N 1030004E	LA	
JUNNAR INTERNATIONAL SATELLITE STATION ARVI		190900N 0735700E	IN	S088327
MADRAS SATELLITE GROUND STATION DOMESTIC		130750N 0801025E	IN	S088328
TESSENAI AIRFIELD		150630N 0364030E	ET	S088478
HUMERA AIRFIELD		141500N 0363500E	ET	S088341
CAM RANH DE FACILITY FIA-24		120103N 1091017E	VM	S088332
THITU ISLAND AVIATION FACILITIES EXPANSION		110315N 1141659E	PG	S088331
SPRATLY ISLAND AVIATION FACILITIES EXPANSION		083800N 1115430E	PG	
NANSHAN ISLAND AVIATION FACILITIES EXPSN		104425N 1154820E	PG	
JIJIGA AIRFIELD		092128N 0424715E	ET	S088477
PORT BLAIR PORT FACILITIES CHATHAM ISLAND		114054N 0924354E	IN	S088335
PORT BLAIR NAVAL BASE		114015N 0924340E	IN	
PORT BLAIR RADCOM PCVR/XMTR STATION GOVT		113934N 0924536E	IN	
PORT BLAIR SHIPYARD ANDAMAN ISLAND SOUTH		114010N 0924450E	IN	
KABRIDAR AIRFIELD		064402N 0441558E	ET	S088479
GODE AIRFIELD CONSTRUCTION ACTIVITY		055620N 0433432E	ET	S088487
OWELO/THORNHILL AIRFIELD REVETMENT WALLS		192609S 0295140E	PH	S088399

25X1

25X1

TOP SECRET CHESSE RUFF

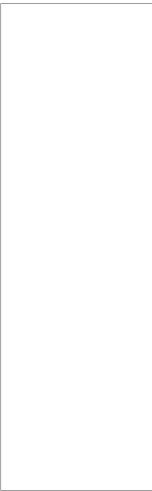
25X1



TOP SECRET CHESS RUFF



25X1
25X1



SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SALISBURY AIRFIELD AIRBORNE ASSAULT PREP POSS		175522S 0310605F	PH	S087504
SALISBURY AIRFIELD REVETMENT WALLS		175522S 0310605F	PH	S088390
SASOLBURG POL STORAGE		264810S 0275105F	SF	S088619
DURBAN POL STORAGE BP SHELL 1		295830S 0305800F	SF	S088619
DURBAN POL STORAGE AREA LOUIS BOTHA 2		295830S 0305650F	SF	
DURBAN PORT FACILITIES RESHEF PGG ASW-CONFIG		295230S 0310230F	SF	S088386
DURBAN SHIP REPAIR YARD SANDOCK RESHEF CL PGG		295318S 0305942F	SF	S088399
WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB		333031S 0190155F	SF	S088640
WELLINGTON HIGH EXPLOSIVES FAB/STGE FAC PROB		333031S 0190155F	SF	
CAPE TOWN POL STORAGE 1 MILNERTON CALTEX		335000S 0183200F	SF	S088619
CAPE TOWN POL STORAGE 2 MILNERTON CALTEX		335100S 0183240F	SF	
SALDANHA BAY POL STORAGE		325945S 0180200F	SF	

25X1
25X1
25X1

92
TOP SECRET CHESS RUFF



25X1

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

PART VI

Listing of Reports by Accession Number

TOP SECRET CRESS RUFF

25X1
25X1

CIA INFR IS10093K-79 31 MAY 79 [] SEC CLASS: 14 MSN: 0017P ACCN: S087501 25X1

MILITARY, GROUND FORCES ACTIVITY MR 5 AO
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:

MOST OF THE GROUND FORCES IN MILITARY REGION 5, IN SOUTHERN ANGOLA, ARE LOCATED ALONG THE MOCAMEDES-MENONGUE AXIS, WITH MAJOR INSTALLATIONS AT LUBANGO, MATALA, MENONGUE, AND CHIBIA. FARTHER SOUTH, NEAR THE NAMIBIA BORDER, MAJOR INSTALLATIONS ARE AT CAHAMA AND ONJIVA. OIA SAW EVIDENCE OF CUBAN INVOLVEMENT IN THE LUBANGO, MOCAMEDES, MATALA, MENONGUE, CHIBIA, AND CAHAMA AREAS.

CIA INFR IS10095K-79 05 JUN 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S087502 25X1

MISSILES, SS-N-6 DIMENSIONS UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40G COMIREX NO:

THIS MEMORANDUM PRESENTS A REFINED DIMENSIONAL ANALYSIS OF THE SS-N-6 SUBMARINE-LAUNCHED BALLISTIC MISSILE (SLBM). THE DIMENSIONS WERE OBTAINED FROM THE BEST IMAGERY CURRENTLY AVAILABLE AND WERE PERFORMED BY NPIC'S PHOTOGRAMMETRY DIVISION. THEY ARE CONSIDERED TO BE ACCURATE TO WITHIN []

CIA INFR IS10090K-79 29 MAY 79 [] SEC CLASS: 14 MSN: 0013P ACCN: S087503 25X1

BEREZOVSKOYE COAL MINING ACTIVITY UR 5540 N 08910 E
WAC NO : 0161 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 30A COMIREX NO: 25X1
BORODINO COAL MINING UR 5554 N 09454 F
WAC NO : 0160 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 30A COMIREX NO: 25X1
NAZAROVO COAL MINING ACTIVITY UR 5600 N 09024 E
WAC NO : 0159 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 30A COMIREX NO: 25X1
NAZAROVO THERMAL POWER PLANT GRES 1 UR 560220N 090202E
WAC NO : 0159 BE/OBJ NO: NPIC NO : - 8-A 25X1
IDHS CODE: EPF CAT : 30E COMIREX NO: 25X1
ZAGZERINYY THERMAL POWER PLT KRASNOYARSK GRES UR 560849N 0942851E
WAC NO : 0159 BE/OBJ NO: NPIC NO : - 25X1
IDHS CODE: EPF CAT : 30E COMIREX NO: 25X1
KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 1 UR 560132N 0930144E
WAC NO : 0159 BE/OBJ NO: NPIC NO : - 7-G 25X1
IDHS CODE: EPF CAT : 30E COMIREX NO: 25X1
KRASNOYARSK HEAT + THERMAL POWER PLANT TETS 2 UR 555720N 0925920E

TOP SECRET CRESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC NO : 0161 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:

25X1
25X1

THIS STUDY DESCRIBES COAL MINING ACTIVITY AND POWER PLANT CONSTRUCTION IN AN AREA OF THE SOVIET UNION COMMONLY REFERRED TO AS THE KANSK-ACHINSK BASIN. THIS IS THE SECOND OF THREE PLANNED STUDIES OF SOVIET COAL MINING AREAS WHERE MINING ACTIVITIES ARE REPORTEDLY BEING EXPANDED. THE OTHER TWO AREAS ARE EKIBASTUZ AND KUZNETSK.

THE KANSK-ACHINSK COAL BASIN OCCUPIES AN AREA OF APPROXIMATELY 400,000 SQUARE KILOMETERS IN THE CENTRAL PORTION OF THE USSR. THE BASIN CONTAINS THREE OPEN PIT COAL MINES THAT REPORTEDLY ACCOUNT FOR APPROXIMATELY 4 PERCENT OF THE TOTAL COAL PRODUCED IN THE SOVIET UNION.

THREE LARGE THERMAL POWER PLANTS (GENERATING CAPACITY GREATER THAN 25 MEGAWATTS) ARE LOCATED IN THE BASIN AND A FOURTH IS UNDER CONSTRUCTION. ONLY ONE OF THE POWER PLANTS -- NAZAROV -- IS LOCATED NEAR A COAL MINE BUT ANOTHER PLANT LOCATED AT ZAOZERNYY HAS A DIRECT RAIL CONNECTION TO A COAL MINE. THE OTHER TWO PLANTS, ONE OF WHICH IS UNDER CONSTRUCTION, ARE LOCATED IN THE CITY OF KRASNOYARSK. THE SOVIETS REPORTEDLY PLAN TO BUILD EIGHT LARGE POWER PLANTS AND A HIGH VOLTAGE TRANSMISSION LINE NEAR COAL MINES IN THE BASIN. NO EVIDENCE OF POWER PLANT OR HIGH VOLTAGE LINE CONSTRUCTION NEAR THE COAL MINES WAS OBSERVED ON PHOTOGRAPHY OF MARCH 1979.*

CIA INFR 1510100K-79 08 JUN 79 SEC CLASS: 13 MSN: 0002P ACN: 5087505 25X1

SALISBURY AIRFIELD AIRBORNE ASSAULT PREP BASS RH 175522S 0310605E
 WAC NO : 1176 BE/OBJ NO: NPIC NO : - 1
 IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1
25X1

OIA HAS BEEN ATTEMPTING TO IDENTIFY INDICATORS FROM PHOTOGRAPHY OF FORTHCOMING RHODESIAN OPERATIONS AGAINST GUERRILLAS. THE VALIDITY OF THESE INDICATORS WAS CONFIRMED THROUGH DISCUSSIONS WITH A DDO CASE OFFICER. OIA OBSERVED SOME OF THESE INDICATORS AT A RHODESIAN AIRFIELD, BUT IS NOT SURE OF THEIR FULL MEANING.

25X1

CIA INFR 1510064K-79 29 MAY 79 SEC CLASS: 13 MSN: 0005P ACN: 5087505 25X1

INDUSTRY, STEAM PLTS/POL STGE NEW SS-20 BASES UR
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30C COMIREX NO:
 STORAGE, POL AREAS/STEAM PLTS NEW SS-20 ASSOC UR
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 80A COMIREX NO:
 MISSILES, SS-20 BASES STEAM PLTS/POL STGE NEW UR
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 60A COMIREX NO:

NEW STEAM PLANTS WITH ASSOCIATED POL STORAGE AREAS ARE BEING CONSTRUCTED AT FIVE OF THE SIX SS-20 MOBILE INTERMEDIATE-RANGE BALLISTIC MISSILE (IRBM) BASES IN THE WESTERN USSR, AND AT THE RECHITSA REGIONAL

94
 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SS-20 SUPPORT DEPOT, ALSO IN THE WESTERN USSR. THESE NEW FACILITIES WILL APPARENTLY DOUBLE THE PREVIOUS STEAM PRODUCTION CAPABILITIES OF THE BASES. THE BASES ARE POSTAVY, SMORGON, KONKOVICHI, KOZHANOVICHI, AND MOZYR.

CIA INFR IS10085K-79 29 MAY 79 SEC CLASS: 14 MSN: 0006P ACCN: 5087506 25X1

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

25X1
25X1
25X1
25X1

AT THE MOSKVA MISSILE AND SPACE DEVELOPMENT CENTER KALININGRAD 88, SPACECRAFT FOR BOTH MANNED AND UNMANNED SPACE MISSIONS ARE APPARENTLY DESIGNED AND PRODUCED IN AN AREA KNOWN AS THE CENTRAL DESIGN BUREAU FOR SPACE AND INTERCONTINENTAL ROCKETS. GENERAL-PURPOSE CONTAINERS FOR SUCH PAYLOADS, OR MAJOR COMPONENTS OF SUCH PAYLOADS, HAVE BEEN PRESENT IN THIS SECTION OF KALININGRAD 88 SINCE AT LEAST 1967. IN ADDITION, CONSTRUCTION NOW UNDERWAY IN THE DESIGN BUREAU MAY INDICATE PREPARATIONS FOR PRODUCTION OF ANOTHER NEW PAYLOAD.

NPIC MEMO 17 MAY 79 SEC CLASS: 13 MSN: 0002P ACCN: 5087935 25X1

PARDUBICE RADAR RESEARCH + PROD PLT OPOCINEK CZ 500116N 0153927E
WAC NO : 0231 BE/OBJ NO: NPIC NO : - 220-06
IDHS CODE: EPF CAT : 25E COMIREX NO:

25X1
25X1
25X1

WERE REVIEWED TO LOCATE OPOCINEK RADIOTECHNICAL RESEARCH INSTITUTE AND TO PROVIDE A DESCRIPTION OF THE FACILITY AND ASSOCIATED TESTING EQUIPMENT. THE WALL-SECURED INSTALLATION WAS LOCATED AND IS TARGETED AS PARDUBICE RADAR RESEARCH AND PRODUCTION PLANT OPOCINEK.

25X1

CIA BIR RCS13-0009-79 JUL 79 SEC CLASS: 14B MSN: 0013P ACCN: 5088271 25X1

INDUSTRY, PETROLEUM REFINERIES

AL

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESSE RUFF

25X1

WAC NO :	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 30B	COMIREX NO:	
BALLES PETROLEUM REFINERY		AL 403615N 0194535E	
WAC NO : 0322	BE/OBJ NO:	NPIC NO : - 28B	
IDHS CODE:	EPF CAT : 30B	COMIREX NO:	
CERRIK PETROLEUM REFINERY		AL 410216N 0195810E	
WAC NO : 0322	BE/OBJ NO:	NPIC NO : - 12	
IDHS CODE:	EPF CAT : 30B	COMIREX NO:	
FIER PETROLEUM REFINERY		AL 404220N 0193306E	
WAC NO : 0322	BE/OBJ NO:	NPIC NO : - 241	
IDHS CODE:	EPF CAT : 30B	COMIREX NO:	
STALIN PETROLEUM REFINERY		AL 404817N 0195435E	
WAC NO : 0322	BE/OBJ NO:	NPIC NO : - 43	
IDHS CODE:	EPF CAT : 30B	COMIREX NO:	

25X1
25X125X1
25X125X1
25X125X1
25X1

THE ALBANIAN PETROLEUM REFINING INDUSTRY CONSISTS OF THREE SMALL OLD REFINERIES AND ONE LARGER MORE MODERN REFINERY, WHICH CAME ONSTREAM IN 1978. THE TOTAL CRUDE OIL DISTILLATION CAPACITY OF THE THREE OLDER REFINERIES IS ESTIMATED FROM PHOTOGRAPHY TO BE 350,000 METRIC TONS PER YEAR AND THAT OF THE NEWEST, WHICH WAS BUILT WITH CHINESE AID, IS REPORTED TO BE 1,000,000 METRIC TONS PER YEAR. THE ADDITIONAL CAPACITY RESULTING FROM THE STARTUP OF THE NEW REFINERY PROVIDES ALBANIA, FOR THE FIRST TIME, WITH SUFFICIENT DISTILLATION CAPACITY TO PROCESS NEARLY ALL OF ITS DOMESTICALLY PRODUCED CRUDE OIL.

THE THREE OLDER ALBANIAN PETROLEUM REFINERIES -- AT CERRICK, FIER, AND STALIN -- PRIMARILY PRODUCE GASOLINE, KEROSENE, AND FUEL OILS. THESE REFINERIES HAVE FEW TREATING FACILITIES AND THEIR PRODUCTS ARE UNDOUBTEDLY OF LOW QUALITY. THE NEWEST REFINERY IS AT BALLES. TECHNOLOGICALLY MUCH MORE SOPHISTICATED THAN THE OLDER ALBANIAN REFINERIES, THE BALLES REFINERY GIVES ALBANIA THE CAPABILITY TO PRODUCE MUCH HIGHER-GRADE PRODUCTS, SUCH AS HIGH-OCTANE GASOLINE AND JET FUEL. WITH THE WITHDRAWAL OF CHINESE AID IN 1978, HOWEVER, ALBANIA MAY HAVE PROBLEMS OPERATING AND MAINTAINING THIS REFINERY.

THIS REPORT DISCUSSES THE STATUS OF THE ALBANIAN PETROLEUM REFINING INDUSTRY AND BRIEFLY OUTLINES THE DEVELOPMENT OF THE INDUSTRY SINCE THE EARLY 1960S. THE REPORT INCLUDES A CHART SHOWING THE RELATIVE CRUDE OIL DISTILLATION CHARGE CAPACITY OF EACH OF ALBANIA'S REFINERIES, A SIMPLIFIED FLOW DIAGRAM OF PROCESSING AT ALBANIAN PETROLEUM REFINERIES, A TABLE LISTING PROCESSING EQUIPMENT IN ALBANIAN REFINERIES, A LOCATOR MAP, AND PHOTOS AND DESCRIPTIONS OF EACH REFINERY.

CIA IRP IS101240-79 AUG 79 SEC CLASS: 25E MSN: 0027P ACCN: 508827325X1

SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS	CH 410800N 1001500E
WAC NO : 0287	BE/OBJ NO:
IDHS CODE:	EPF CAT : 40A
SHUANGCHENG TZU MTC ICBM/SAT LAUNCH INDICATORS	CH 410800N 1001500E
WAC NO : 0287	BE/OBJ NO:
IDHS CODE:	EPF CAT : 40H

25X1
25X125X1
25X1

ANALYSIS OF IMAGERY OF THE SHUANGCHENGZI (SHUANG-CHENG-TZU) MISSILE TEST CENTER BOTH BEFORE AND AFTER

25X1

90
TOP SECRET CHESSE RUFF

TOP SECRET CHESSE RUFF

25X1

THE EARTH SATELLITE AND INTERCONTINENTAL BALLISTIC MISSILE (ICBM) LAUNCHES THAT HAVE OCCURRED AT LAUNCH COMPLEX B DURING THE PAST EIGHT YEARS HAS REVEALED THAT CERTAIN SUPPORT PREPARATIONS RELATED TO THESE LAUNCHES CAN BE USED IN MAKING USEFUL PREDICTIONS ABOUT FUTURE SATELLITE AND ICBM LAUNCHES. IT WAS FOUND THAT CONSISTENT DEPLOYMENT PATTERNS OF THE MOBILE ELECTRONICS UNITS AND OPTICAL INSTRUMENT SHELTERS WERE USED TO SUPPORT THE 12 EARTH SATELLITE AND SEVEN ICBM LAUNCHES OR LAUNCH ATTEMPTS FROM COMPLEX B DURING THIS TIME PERIOD. SPECIFICALLY, THE PRESENCE AND ORIENTATION OF A MOBILE ELECTRONICS UNIT AT NEARBY COMPLEX A AND THE POSITION OF A MOVABLE OPTICAL ALIGNMENT SHELTER AT COMPLEX B WERE FOUND TO BE THE BEST INDICATORS OF THE TYPE AND DIRECTION OF LAUNCH FROM COMPLEX B. IN ADDITION, THE POSITION OF THE MOVABLE OPTICAL ALIGNMENT SHELTER WAS FOUND TO BE AN INDICATOR OF WHETHER A SATELLITE LAUNCH WOULD BE FOR PHOTINT OR ELINT RECONNAISSANCE.

NPIC PIR PIR060-79 JUL 79 SEC CLASS: 14B MSN: 0006P

ACCN: 5088280 25X1

MILITARY, CONSTRUCTION BATTALIONS NONDIVISION

UR

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

THIS REPORT IS AN IMAGERY-DERIVED ANALYSIS OF SOVIET NONDIVISIONAL CONSTRUCTION BATTALIONS. THE REPORT EMPHASIZES THE UNUSUAL TABLE OF ORGANIZATION AND EQUIPMENT AND THE FUNCTION OF THE CONSTRUCTION BATTALION AS DISTINGUISHED FROM OTHER NONDIVISIONAL ENGINEERING UNITS.

THIS REPORT INCLUDES TWO ANNOTATED PHOTOGRAPHS, A MAP, AND A TABLE.

DIA BIR RDA06-0000-78 SEP 79 SEC CLASS: 14D MSN: 0007P

ACCN: 5088280 25X1

SOVETSKAYA GAVAN SUBMARINE BASE

UR 490125N 1401531E

WAC NO : 0294 BE/OBJ NO: NPIC NO : - 20-C
IDHS CODE: EPF CAT : 75A COMIREX NO:25X1
25X1

THIS REPORT IS A DETAILED IMAGERY-DERIVED ANALYSIS OF SOVETSKAYA GAVAN SUBMARINE BASE, USSR. THE INSTALLATION IS LOCATED 3.0NM NNW OF THE CITY OF SOVETSKAYA GAVAN, AND 13.0NM SOUTH OF ALEKSEYEVKA. THE BASE LIES ON THE NORTHERN COAST OF BUKHTA (BAY) ZAPADNAYA, AN EXTENSION OF SOVETSKAYA GAVAN (HAPROP), ON THE WESTERN SHORE OF TATARSKIY PROLIV (STRAIT). THE BASE OCCUPIES APPROXIMATELY 32 HECTARES AND CONTAINS FOUR FUNCTIONAL AREAS: VEHICLE MAINTENANCE/STORAGE, ADMINISTRATION/BILLETING, OPERATIONS/REPAIRING, AND POL STORAGE. THESE AREAS CONTAIN A TOTAL OF 49 BUILDINGS, 5 PONTOON PIERS, 2 PIERS, 2 OFFSHORE WHARVES, 2 PARTIALLY UNDERGROUND (POU) POL TANKS, AND A HEATING PLANT. THE FACILITY SERVES AS A SECONDARY OPERATING AND RESERVE BASE FOR DIESEL POWERED TORPEDO ATTACK SUBMARINES OF THE SOVIET PACIFIC FLEET. UNITS NORMALLY OBSERVED AT THE BASE INCLUDE WHISKEY SS AND VARIOUS AUXILIARY AND SERVICE CRAFT.

THIS REPORT INCLUDES A MAP, AN ORIENTATION VIEW OF SOVETSKAYA GAVAN AREA NAVAL FACILITIES, A DETAILED GRAPHIC OF THE TARGET, AND AN IMAGERY AND DOCUMENT REFERENCE LIST. THE NATIONAL BASIC REFERENCE GRAPHIC (NBORG) FOR THIS INSTALLATION IS NGA-80/5133/77, 17 AUG 78 (SECRET). SINCE AUGUST 1978 A PIPO HAS BEEN ADDED AT REPORTING POSITION 9 AND PART OF THE ADMINISTRATION/BILLETING AREA HAS BEEN REDESIGNATED AS VEHICLE MAINTENANCE/STORAGE.

TOP SECRET CHESSE RUFF

25X1

TOP SECRET CHESH RUFF

25X1

25X1

NPIC IAR IARA031-79 SEP 79 SEC CLASS: 14D MSN: 0002P ACN: 508828

ANAMA ARMY BARRACKS
WAC NO : 0292 RE/OBJ NO: NPIC NO : - 5-0
IDHS CODE: EPF CAT : 35A COMIREX NO:

25X1

25X1

A NEW SOVIET GROUND FORCES INSTALLATION, DESIGNATED ANAMA ARMY BARRACKS, WAS IDENTIFIED ON SHIKOTAN ISLAND, AT 43-50-00N 146-46-00E. SHIKOTAN IS ONE OF THE DISPUTED ISLANDS OFF THE NORTHEAST COAST OF JAPAN WHERE A BUILDUP OF SOVIET GROUND FORCES HAS BEEN UNDERWAY SINCE JUNE 1978.

25X1

25X1

CIA IAMB ISMR006J-79 AUG 79 SEC CLASS: 25 X MSN: 0017P ACN: 508829

TUBRUG SUBMARINE TRAINING SCHOOL
WAC NO : 0424 RE/OBJ NO: NPIC NO : - 6-A
IDHS CODE: EPF CAT : 75A COMIREX NO:

25X1

25X1

TOP SECRET CHESH RUFF

25X1

TOP SECRET CHESS RUFF

25X1

HAMBURG MACHINERY PLANT YONGSONG EXPLO DAMAGE	KN	394908N 1273558E
WAC NO : 0380	BE/OBJ NO:	NPIC NO : - 22-I
IDHS CODE:	EPF CAT : 30C	COMIREX NO:
HUNGNAM RAIL YARD MUNITIONS TRAIN EXPLOSION	KN	395018N 1273741E
WAC NO : 0380	BE/OBJ NO:	NPIC NO : - 22-A
IDHS CODE:	EPF CAT : 85B	COMIREX NO:
TRANSPORTATION, SCHNABEL SIDE BEAM RATL CAP	CH	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 85B	COMIREX NO:
MILITARY, 85MM ANTI-TANK GUN INFANTRY REGTS	CH	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, ZPU-2 14.5MM MACHINE GUN INF REGTS	CH	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
SHANGHAI SHIPYARD, KIANGNAN YUAN WANG CL SESS	CH	311205N 1212901E
WAC NO : 0492	BE/OBJ NO:	NPIC NO : - 28-R
IDHS CODE:	EPF CAT : 75E	COMIREX NO:
WULUMUCHI MILITARY REGION ARTY/TANK/INF REGTS	CH	434830N 0873710E
WAC NO : 0330	BE/OBJ NO:	NPIC NO : - 4-119
IDHS CODE:	EPF CAT : 35	COMIREX NO:

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

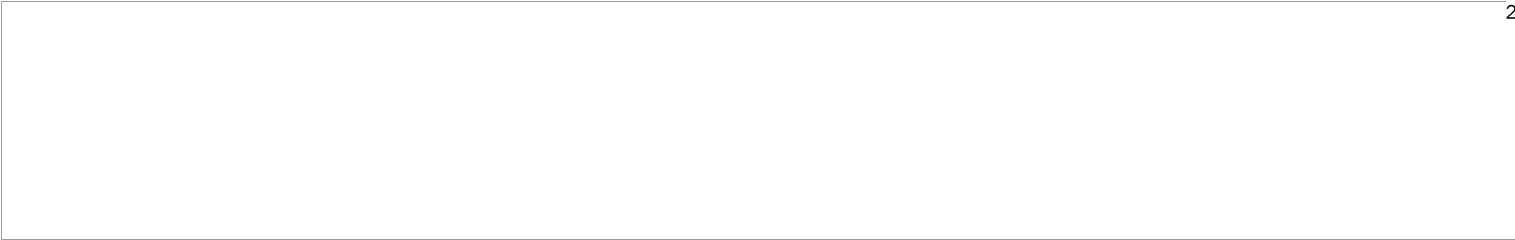
Page Denied



TOP SECRET CHESS RUFF



225X1



25X1

AF ENDR B3004-79 25 JUL 79 SEC CLASS: 07 MSN: 0001P ACCN: S088299
AIRCRAFT: FORGER YAK-36 ENGINE CANVAS-COVERED UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 050 COMIREX NO:
THIS DRAWING SUPPLEMENTS DRAWING 78E1003 AND PAR 79-005.*



25X1

101
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF ZAPF UMBRA/NOFORM

TCS-35147-79

25X1

25X1

CIA INFR IS101310-79 07 SEP 79

SEC CLASS: 13 MSN:

0009P

ACCN: 5088305 25X1

ISFAHAN IRON + STEEL PLANT

IR 322540N 0511950F

WAC NO : 0428

BE/OBJ NO: [REDACTED]

NPIC NO : -

IOHS CODE: [REDACTED]

EPF CAT : 30C

COMIREX NO: [REDACTED]

25X1
25X1

THE LARGEST IRON AND STEEL PLANT IN THE MIDDLE EAST IS LOCATED NEAR ISFAHAN IN THE WEST CENTRAL PORTION OF IRAN. THE PLANT WAS CONSTRUCTED WITH SOVIET ASSISTANCE BETWEEN 1967 AND 1973 AND IS ONE OF TWO STEEL PRODUCING PLANTS IN IRAN. THE PLANT CONTAINS FACILITIES FOR PROCESSING IRON ORE AND LIME AND PRODUCING COKE, PIG IRON AND ROLLED STEEL. EXPANSION OF PLANT FACILITIES WHICH HAS BEEN UNDERWAY SINCE 1973 WILL REPORTEDLY BRING ANNUAL STEEL PRODUCTION CAPACITY UP TO 1.9 MILLION METRIC TONS.

25X1

25X1

Page Denied

Next 4 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1
25X1

25X1

CIA INFR IS10125K-79 06 SEP 79

SEC CLASS: 13

MSN:

0005P

ACCN: 5088336

25X1

MISSILES, ICBM TYPE 3F SILO SHOCK ISLTN CMPNT

UR

WAC NO :

BE/OBJ NO:

NPIC NO : -

IDHS CODE:

EPF CAT : 40A

COMIREX NO:

A SHOCK ISOLATION COMPONENT, WHICH IS USED TO INCREASE THE SURVIVABILITY OF AN IN-SILO MISSILE, HAS BEEN IDENTIFIED FOR THE TYPE IIIF (SS-18) SILO. THIS COMPONENT IS CIRCULAR AND CONSISTS OF TWO RINGS THAT ARE CONNECTED BY EIGHT VERTICAL SUPPORT MEMBERS. THIS SHOCK ISOLATION COMPONENT IS APPARENTLY SUSPENDED IN THE SILO BY FOUR CABLES THAT ARE ATTACHED TO THE SILO HEADWORKS AND TO SUSPENSION PRONGS LOCATED ON THE COMPONENT'S UPPER RING. THE MISSILE CANISTER IS ATTACHED TO THE INNER CIRCUMFERENCE OF THE COMPONENT AT ABOUT THE MID-POINT OF THE CANISTER AND ITS EXTENSION.

25X1

CIA INFR IS10144K-79 30 AUG 79

SEC CLASS: 13

MSN:

0006P

ACCN: 5088336

25X1

MISSILES, SS-11 CANISTERS SHELTER USE

UR

WAC NO :

BE/OBJ NO:

NPIC NO : -

IDHS CODE:

EPF CAT : 40A

COMIREX NO:

THERE IS A HIGH PROBABILITY THAT THE SOVIETS HAVE REMOVED UNFIRED MISSILES FROM SOME SS-11 CANISTERS AND THEN USED THE CANISTERS AS PERSONNEL SHELTERS. THESE CANISTERS WERE APPARENTLY REMOVED FROM SILOS

25X1

10.3
TOP SECRET CHESS RUFF

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1
25X1

THAT WERE EITHER MODERNIZED OR CONVERTED. SUCH A USE FOR THESE CANISTERS PREVENTS THE REMOVED MISSILES FROM BEING READILY AVAILABLE FOR TIMELY FIRING. SPENT SS-11 MISSILE CANISTERS HAVE BEEN USED FOR PERSONNEL SHELTERS FOR SEVERAL YEARS, BUT IT WAS NOT KNOWN THAT CANISTERS THAT HAD CONTAINED UNFIRED SS-11 MISSILES HAD BEEN USED FOR THIS PURPOSE.

25X1

109
TOP SECRET CHESS RUFF

25X1

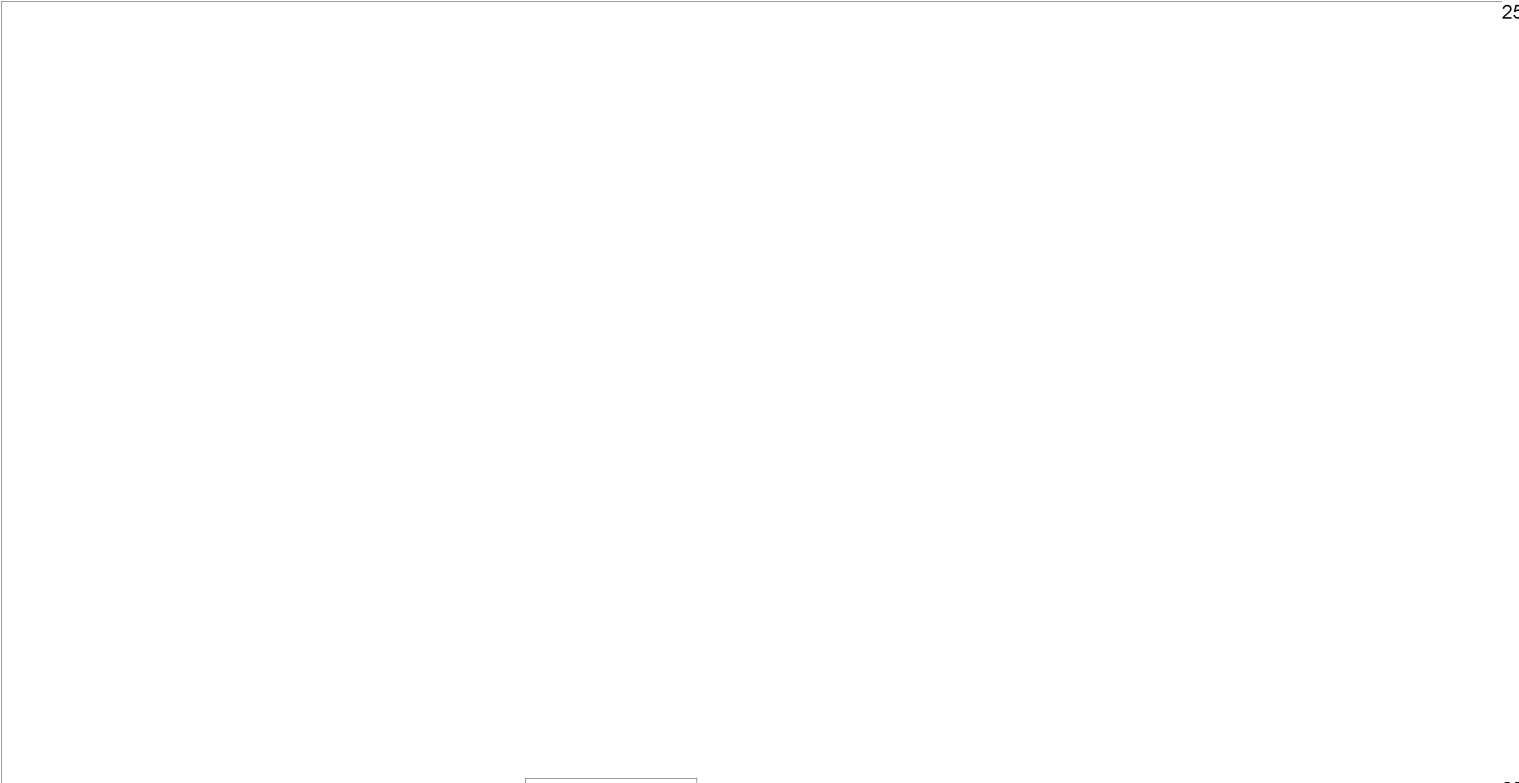
Page Denied



TOP SECRET CHESS RUFF



25X1
25X1



25X1

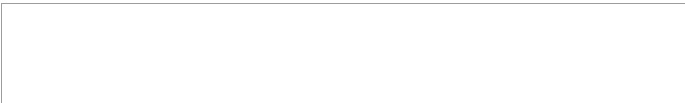
NAVY BIRK R0523-0001-79 JUL 79
SHIPS, C-1 CLASS SSAN



SEC CLASS: 140 MSN: 00471
UR

ACCU: 00007825X1

111
TOP SECRET CHESS RUFF



25X1

[REDACTED] TOP SECRET CHESSE RUFF [REDACTED]

25X1
25X1

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 75D

NPIC NO : -
COMIREX NO:

THIS REPORT SUPERSEDES BASIC IMAGERY INTERPRETATION REPORT (BIIR) RRG-23/0002/71 [REDACTED] OF
DECEMBER 1970. IT PROVIDES AN UPDATED, DETAILED IMAGERY-ANALYSIS AND CHRONOLOGICAL HISTORY OF THE
CHARLIE-I CLASS SSGN. THE REPORT CONTAINS A BASIC DESCRIPTION, PROVISIONAL SCALE DRAWINGS, AND
PHOTOGRAPHS OF THE CLASS.

25X1

THE CHARLIE-I CLASS SSGN IS A NUCLEAR-POWERED SUBMARINE CAPABLE OF THE SUBMERGED LAUNCHING OF EIGHT
SS-N-7 CRUISE MISSILES FROM TUBES LOCATED IN THE AREA FORWARD OF THE SAIL. IMAGERY-EVIDENCE REVEALED 12
UNITS WERE LAUNCHED FROM GORKIY SHIPYARD 112 BETWEEN 1966 AND 1972. CHARLIE-I IS PROBABLY DOUBLE-HULLED

25X1

[REDACTED] 25X1

112
TOP SECRET CHESSE RUFF [REDACTED]

25X1

TOP SECRET CHESSE RUFF

25X1

25X1

NPIC IAR IARA042-79 SEP 79 SEC CLASS: 14A MSN: 0002P ACCN: 5088386 25X1

DURBAN PORT FACILITIES RESHEF PGG ASW-CONFIG SF 295230S 0310230E
WAC NO : 1394 RE/OBJ NO: NPIC NO : - 1 25X1
IDHS CODE: EPF CAT : 751 COMIREX NO: 25X1

A RESHEF-CLASS PATROL BOAT EQUIPPED WITH DEPTH CHARGE RACKS WAS OBSERVED FOR THE FIRST TIME ON KH-6
IMAGERY T THE SALISBURY ISLAND NAVAL FACILITY WITHIN DURBAN PORT FACILITIES, SOUTH AFRICA. 25X1

BECAUSE OF THE SPEED AND MANEUVERABILITY OF THE RESHEF-CLASS BOAT, THE ADDITION OF AN ANTISUBMARINE
WARFARE (ASW) CAPABILITY WILL PROVIDE A SIGNIFICANT IMPROVEMENT OVER SOUTH AFRICA'S OLDER FORD-CLASS
PATROL BOATS, OF WHICH THREE ARE ASW CAPABLE. ADDITIONALLY, IF THE ASW VERSION OF THE RESHEF-CLASS BOAT
IS ALSO FITTED-OUT WITH THE GABRIEL-TYPE MISSILE, THE BOAT WOULD PROVIDE A NOTABLE DETERRENT TO SEABORNE
INFILTRATION BOTH BY SURFACE CRAFT AND BY SUBMARINE. RECENTLY THE SOUTH AFRICAN NAVY (SAN) APPEARS TO BE
PLACING GREAT EMPHASIS ON DEFENDING AGAINST SEABORNE INFILTRATION AND ON PATROLLING THE WATERS WITHIN THE
200-NM ECONOMIC EXCLUSIVE ZONE.

25X1

NPIC IAR IARA040-79 SEP 79 SEC CLASS: 25 MSN: 0002P ACCN: 5088386 25X1

AL ISKANDARIYAH SAM TRNG SITE 26 CSA-1 EQUIP EG 311850N 0300322E 25X1
WAC NO : 1447 RE/OBJ NO: NPIC NO : - 2-01

113
TOP SECRET CHESSE RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE:

EPF CAT : 40C

COMIREX NO:

25X1
25X1

A CSA-1 SURFACE-TO-AIR-MISSILE (SAM) FIRING BATTERY WAS NEWLY OBSERVED AT AL ISKANDARIYAH SAM TRAINING SITE 26, EGYPT. THIS IS THE FIRST OBSERVATION OF CHINESE SAM EQUIPMENT IN EGYPT. EQUIPMENT CONSISTED OF SIX LAUNCHERS, A GIN SLING RADAR, SIX ELECTRONICS VAN TRUCKS, THREE ELECTRONICS VANS, ONE COMPUTER VAN TRUCK, ONE TYPE 59 PRIME MOVER, AND TWO ANTENNA TRAILERS.

25X1

25X1

NPIC IAR IAR0014-79 SEP 79 220019-79 SEC CLASS: 05G MSN: 0004P ACCN: 508A391

NAVAL, TRAINING EXERCISES NORTH SEA FLEET CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 75 COMIREX NO:

CHINESE NAVAL TRAINING EXERCISES WERE OBSERVED IN THE SOUTHERN SHANDONG (SHAN-TUNG) AND LIAODONG (LIAO-TUNG) LOCAL OPERATING AREAS. THE SHANDONG EXERCISES INVOLVED ELEMENTS OF THE NORTH SEA FLEET'S (NSF) MAIN SURFACE FORCES, SUBMARINE FORCE, NAVAL COASTAL DEFENSE FORCE, AND MISSILE ATTACK BOAT FORCE. THE SHANDONG EXERCISES WERE OBSERVED IN AN AREA APPROXIMATELY 10 NAUTICAL MILES (NM) EAST OF SHUILINGSHAN (SHUI-LING-SHAN) ISLAND. THE LIAODONG EXERCISE INVOLVED ELEMENTS OF THE NSF MAIN SURFACE FORCE AND POSSIBLY THE SUBMARINE FORCE. THE EXERCISE WAS OBSERVED 10 NM SOUTHEAST OF THE LIAODONG PENINSULA.

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC IAR 1AR0022-79 SEP 79 SEC CLASS: 14D MSN: 0002P ACCN: 5088393 25X1

BELOGORSK ARMY BKS AL6 M-1976 BMP VARIANT UR 505350N 1282700E 25X1
WAC NO : 0203 RE/OBJ NO: NPIC NO : - 14-14 25X1
IDHS CODE: EPF CAT : 35A COMIREX NO: 25X1

A PROBABLE NEW BMP M-1976 VARIANT (ARMORED PERSONNEL CARRIER) WAS OBSERVED IN A TRAINING AREA AT 25X1
BELOGORSK ARMY BARRACKS AL-6 USSR. THE CANVAS-COVERED BMP HAD AN ELONGATED
TURRET INDICATING THE POSSIBLE ACCOMMODATION OF A TALL MIKE BATTLEFIELD RADAR. THE TALL MIKE RADAR,
PREVIOUSLY SEEN ONLY IN THE GROUP OF SOVIET FORCES GERMANY, IS MOUNTED ON THE REAR OF A MODIFIED BMP
M-1976 TURRET WHICH WAS EXTENDED TO ALLOW THE RADAR TO BE RETRACTED.

25X1

25X1

Page Denied

Next 4 Page(s) In Document Denied

TOP SECRET CRESS RUFF

25X1
25X1

25X1

NPIC IAR IARA040-79 SEP 79 SEC CLASS: 14D MSN: 0003P ACCU: 508A44a 25X1

TENGSHAHO SSM FIELD PSTN 1/2 WHD MATING EXER CH 390911N 1220453E
WAC NO : 0381 BE/OBJ NO: NPIC NO : - 56-C
IDHS CODE: EPF CAT : 40 COMREF NO:

25X1
25X1

A WARHEAD MATING EXERCISE WAS OBSERVED UNDERWAY AT DENGSHAHE (TENG-SHA-HO) SSM FIELD TRAINING POSITION 1/2 IN THE PEOPLE'S REPUBLIC OF CHINA (PRC) THIS EXERCISE DEMONSTRATED THE CAPABILITY OF THE CHINESE TO PERFORM DIRECT TRANSFER OF A WEAPON FROM A WARHEAD VAN TO A MISSILE. THE IMAGERY ALSO PROVIDED DETAILS OF THE INTERIOR OF THE WARHEAD VAN.

25X1

25X1

25X1

Page Denied

Next 8 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 658-79 24 AUG 79 SEC CLASS: 13 MSN: 0002P ACON: 508A490
AKHTUBINSK/VLADIMIROVKA AREA AFLD BACKFIRE B UR 481851N 0461630E
WAC NO : 0235 BE/OBJ NO: NPIC NO : - 18-C
IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1
25X1

25X1

131
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

AF PAR 664-79 25 JUL 79 [] SEC CLASS: 13 MSN: 0007P ACCN: S088506 25X1

MISSILES, CSS-X-4

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

AN UPDATED ANALYSIS OF THE CSS-X-4 ICRM IS PROVIDED IN THIS REPORT AND ASSOCIATED DRAWING 75C1506/1.
FOR ADDITIONAL REFERENCE SEE DRAWING 79C4513.
THIS REPORT SUPERSEDES PAR 75-575.*

AF PAR 661-79 28 AUG 79 [] SEC CLASS: 13 MSN: 0007P ACCN: S088506 25X1

ELECTRONICS, ICBM TYPE 3X GUIDANCE RLTD FACS

WAC NO :
IDHS CODE:BE/OBJ NO:
EPF CAT : 25CUR
NPIC NO : -
COMIREX NO:

THE STATUS OF THE L INTERFEROMETER AT SPECIFIC TYPE 3X LAUNCH SITES IS GIVEN IN THIS REPORT.
PAR'S 70-678, 72-624, 75-644, 76-645, PARAGRAPH 3C(2) AND 76-670, PARAGRAPH 2C ARE UPDATED IN THIS
REPORT.*

AF PAR 602-79 12 JUL 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S088506 25X1

HSINHUA SSM/SPACE TRACKING FACILITY

WAC NO : 0497
IDHS CODE: []BE/OBJ NO: []
EPF CAT : 25CCH 274605N 1111535E
NPIC NO : - 4R-A1
COMIREX NO: []

AN UPDATE OF THE XINHUA (HSIN-HUA) SSM/SPACE TRACKING FACILITY IS GIVEN IN THIS REPORT. INCLUDED IS
INFORMATION ON NEW ANTENNAS AND CHANGES IN THE OLD ONES AT THE FACILITY.
THIS REPORT SUPERSEDES PAR'S 78-549, PARAGRAPH 2A(4); 76-696, PARAGRAPH 2A(19); 75-571, PARAGRAPH
2A(18); AND 73-634, PARAGRAPH 2C.
DRAWINGS 79C6540 AND 79B6541 SUPPLEMENT THIS REPORT.*

AF PAR 612-79 27 JUN 79 [] SEC CLASS: 13 MSN: 0003P ACCN: S088507 25X1

ELECTRONICS, SH-EL-02 PLANAR APERTURE RADAR

WAC NO :
IDHS CODE:BE/OBJ NO:
EPF CAT : 25AUR
NPIC NO : -
COMIREX NO:

AN UPDATED ANALYSIS OF THE SH-EL-02/FLAP LID RADAR IS GIVEN IN THIS REPORT WITH SPECIAL ATTENTION TO
THE BORESIGHT ELEVATION AND IDENTIFIABLE APERTURES.
THIS REPORT SUPERSEDES PARAGRAPH 2.B. OF PAR 76-646 AND IS KEYED TO DRAWING 79E1510.*

AF PAR 631-79 01 JUL 79 [] SEC CLASS: 13 MSN: 0012P ACCN: S088507 25X1

132
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

225X1

TACHAITAN SSM SITE 1
WAC NO : 0332 BE/OBJ NO: CH 374709N 0952746E
IDHS CODE: NPIC NO : - 13-A
TACHAITAN SSM SITE 2
WAC NO : 0332 BE/OBJ NO: CH 373600N 0954242E
IDHS CODE: EPF CAT : 40 NPIC NO : - 13-B
COMIREX NO:

25X1
25X1
25X1
25X1

AN INITIAL ANALYSIS OF TA-CHAI-TAN SSM LAUNCH SITES 1 AND 2, A CONSTRUCTION CHRONOLOGY FOR EACH SITE, AND THE IDENTIFICATION OF ANY GROUND SUPPORT EQUIPMENT IS GIVEN IN THIS REPORT. FOR ADDITIONAL REFERENCES SEE DRAWING 79D6556.*

AF PAR 655-79 17 AUG 79 SEC CLASS: 13 MSN: 0003P ACCN: 5088509 25X1
ELECTRONICS, POP-UP ANTENNA ICBM ASSOC SEARCH UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:

A SEARCH FOR POSSIBLE POP-UP ANTENNAS ON TYPE 3C LAUNCH SILOS WAS PRECLUDED BY PHOTO QUALITY/RESOLUTION.*

AF PAR 657-79 05 SEP 79 SEC CLASS: 13 MSN: 0004P ACCN: 5088512 25X1
OSTROV SSM TRAINING POSITION 2 SS-11 ACTIVITY UR 572310N 0281000E
WAC NO : 0153 BE/OBJ NO: NPIC NO : - 153-02 25X1
IDHS CODE: EPF CAT : 40A COMIREX NO: 25X1
RIGA SSM TRAINING FACILITY SS-11 ACTIVITY UR 571120N 0242026E
WAC NO : 0153 BE/OBJ NO: NPIC NO : - 63-01 25X1
IDHS CODE: EPF CAT : 40A COMIREX NO: 25X1

AF PAR 646-79 31 AUG 79 SEC CLASS: 13 MSN: 0006P ACCN: 5088513 25X1
LONING ICBM SITE 2 CH 341702N 1113735E
WAC NO : 0385 BE/OBJ NO: NPIC NO : - 76-C2 25X1
IDHS CODE: EPF CAT : 40A COMIREX NO: 25X1
LONING ICBM SITE 1 SILO CONSTRUCTION CH 342143N 1115045E
WAC NO : 0385 BE/OBJ NO: NPIC NO : - 76-F 25X1
IDHS CODE: EPF CAT : 40A COMIREX NO: 25X1

AN UPDATED ANALYSIS OF SSM LAUNCH SILOS UNDER CONSTRUCTION AT LO-NING SSM LAUNCH SITES 1 AND 2 IS PROVIDED IN THIS REPORT.
FOR ADDITIONAL REFERENCES SEE PAR 76-537 AND DRAWINGS 79D6562 AND 73E6504/4.*

25X1

133
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 653-79 22 AUG 79 [REDACTED] SEC CLASS: 13 MSN: 0008P ACCN: S088514 25X1
LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKB UR 595851N 0302023E 25X1
WAC NO : 0153 BE/OBJ ID [REDACTED] NPIC NO : - 36-H 25X1
IDHS CODE: [REDACTED] EPF CAT : 056 COMIREX NO: [REDACTED] 25X1

A DESCRIPTION OF NEW CONSTRUCTION AND BUILDING EXPANSION; DESCRIPTION OF PHYSICAL CHARACTERISTICS;
STAGE OF CONSTRUCTION/COMPLETION; AND FUNCTIONAL ROLE OF CONSTRUCTION UNDERWAY OR COMPLETED AT LENINGRAD
AIRCRAFT ENGINE PLANT 117 (IZOTOV OKB) SINCE PAR 77-625 IS GIVEN IN THIS REPORT.
THIS REPORT SUPERSEDES PAR 78-631, PARAGRAPH 3A OF PAR 77-625, AND PARAGRAPH 2C(2) OF PARS 77-733 AND
79-318 AND IS KEYED TO DRAWINGS 79C4532 AND 77C6519/2.*

25X1

134
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 650-79 16 AUG 79 SEC CLASS: 13 MSN: 0010P ACCN: 5088519 25X1

SARY SHAGAN MTC COMPLEX B LAUNCHERS NFW	UR	460106N 0722804E	25X1
WAC NO : 0245	BE/OBJ NO:	NPIC NO : - 50-R	25X1
IDHS CODE:	EPF CAT : 40E	COMIREX NO:	25X1
SARY SHAGAN MTC COMPLEX F LAUNCHERS NFW	UR	462629N 0725108E	25X1
WAC NO : 0245	BE/OBJ NO:	NPIC NO : - 49-R6	25X1
IDHS CODE:	EPF CAT : 40E	COMIREX NO:	25X1

INCLUDED IN THIS PAR ARE THE FOLLOWING: A SUMMARY OF SUSPECTED LAUNCH ACTIVITY AT THE SILOS AND SOFT LAUNCH SITE, SARY SHAGAN MTC LAUNCH COMPLEXES B AND F; A DESCRIPTION/COMPARISON OF THE PHYSICAL APPEARANCE OF OBSERVED MISSILE CANISTERS WHICH COULD POTENTIALLY BE UTILIZED IN THE SILOS; AND ADDITIONAL INFORMATION ON SILO DOORS SEALER RINGS AND ALIGNMENT POINTS. PAR 78-579 IS SUPERSEDED BY THIS REPORT. ADDITIONAL INFORMATION CAN BE OBTAINED FROM DRAWING 78E6514/1.*

25X1

135
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 647-79 14 AUG 79 [] SEC CLASS: 13 MSN: 0005P ACCN: S088525 25X1

SHUANGCHENG-TZU MTC RANGEHEAD RECEIVER CH 405507N 1000830E
 WAC NO : 0287 BE/OBJ NO: [] NPIC NO : - 9
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
 SHUANGCHENG-TZU MTC RANGEHEAD TRANSMITTER CH 410917N 1001800E
 WAC NO : 0287 BE/OBJ NO: [] NPIC NO : - 1-02
 IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1

25X1

25X1

25X1

THIS REPORT PROVIDES AN UPDATED PHOTO ANALYSIS OF SHUANG-CHENG-TZU MTC RANGEHEAD RECEIVER AND SHUANG-CHENG-TZU MTC RANGEHEAD TRANSMITTER. IT INCLUDES TABULATIONS (AZIMUTHS AND SIZES) OF THE COMMUNICATION ANTENNAS AT EACH FACILITY AND THE ANTENNA SUPPORT MASTS THAT ARE STILL STANDING AT THE WESTERN PORTION OF THE RANGEHEAD RECEIVING FACILITY.

THIS REPORT SUPERSEDES PARS 70-542, 69-633, AND 69-641; PORTIONS OF 74-623, 72-637, AND 71-561; AND DRAWINGS NUMBER 72B6534, 71C6515, AND 69B6570.*

AF PAR 630-79 23 JUL 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S088525 25X1

LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV UR 554154N 0375242E
 WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 94-A4
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1

25X1

THIS REPORT AND DRAWING 77C6527/2 PROVIDES AN UPDATED ANALYSIS OF LYUBERTSY EXPERIMENTAL HELICOPTER PLANT KAMOV.

INFORMATION ON CHANGES IN PHYSICAL FACILITY RESOURCES, NEW CONSTRUCTION, BUILDING EXPANSION, CHANGES IN BOUNDARIES, AND DESCRIPTION AND LOCATION OF HARDWARE OBSERVED WITHIN THE FACILITY IS INCLUDED.

THIS REPORT IS AN UPDATE OF PAR 77-656 AND SUPERSEDES PAR 78-644, PARAGRAPH 2B(2) OF PAR 77-733, AND PARAGRAPH 2B(2) OF PAR 79-518.*

AF PAR 641-79 02 AUG 79 [] SEC CLASS: 13 MSN: [] 0006P ACCN: S088525 25X1

PERM AIRCRAFT ENGINE PLT STALIN SOLOVYEV OKB UR 575848N 0561508E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 16-0
 IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1

25X1

ALL PERTINENT KEYHOLE IMAGERY THROUGH MAY 1979 WAS EXAMINED TO PROVIDE AN UPDATED ANALYSIS OF PERM AIRCRAFT ENGINE PLANT STALIN 19 SOLOVYEV DESIGN BUREAU.

THIS PAR IS ASSOCIATED WITH DRAWING 71D6545 (REVISION 7) AND PAR 79-642.

SUPERCEDED ARE: PAR 79-518, PARAGRAPH 2C(5); PAR 77-733, PARAGRAPH 2C(5); PAR 78-690, ENTIRE REPORT; AND PAR 77-715, ENTIRE REPORT. PAR 76-597 COMPLEMENTS THIS REPORT.*

136
 TOP SECRET CHESS RUFF

25X1

TOP SECRET CRESS RUFF

25X1

AF PAR 640-79 14 AUG 79 [] SEC CLASS: 13 MSN: [] 0003P ACCN: 5088525 25X1

KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231F

WAC NO : 0165 RE/OBJ NO: [] NPIC NO : - 17-A 25X1

IDHS CODE: [] EPF CAT : 056 COMIREX NO: [] 25X1

KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231F

WAC NO : 0165 RE/OBJ NO: [] NPIC NO : - 17-A 25X1

IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

THIS REPORT AND ASSOCIATED DRAWINGS 7004546/4 AND 7106523/7 PROVIDE AN UPDATED ANALYSIS OF KUYBYSHEV EXPT AC AND RKT ENG PLANT SINCE PAR 78-678. A DESCRIPTION OF NEW CONSTRUCTION/BUILDING EXPANSION; CHANGES IN BOUNDARIES AND SUPPORT FACILITIES; AND THE LOCATION AND DESCRIPTION OF HARDWARE ITEMS (E.G. ENGINE SHIPPING CRATES OR CONTAINERS) AS WELL AS A TABULATION OF ROOF COVERAGE AND FLOORSPACE IS INCLUDED.

*

AF PAR 634-00 24 JUL 79 [] SEC CLASS: 13 MSN: [] 0005P ACCN: 5088526 25X1

ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKB UR 474928N 0351147F

WAC NO : 0249 RE/OBJ NO: [] NPIC NO : - 47-E 25X1

IDHS CODE: [] EPF CAT : 056 COMIREX NO: [] 25X1

ALL APPLICABLE KEYHOLE MISSIONS FROM DECEMBER 1977 THROUGH APRIL 1979 WERE EXAMINED TO PROVIDE AN UPDATE ON ZAPOROZHYE AIRCRAFT ENGINE PLANT 478, LOTAREV OKB.

THIS REPORT IS AN UPDATE OF PAR 76-580 AND SUPERSEDES PARS 77-709, 78-642, PARAGRAPH 2C(6) OF PAR 77-730 AND PARAGRAPH 2C(6) OF PAR 79-518.*

AF PAR 649-79 16 AUG 79 [] SEC CLASS: 13 MSN: [] 0003P ACCN: 5088527 25X1

DUBNO AIRFIELD NE FENCE A SU-19 UR 502645N 0255017E

WAC NO : 0233 RE/OBJ NO: [] NPIC NO : - 107 25X1

IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1

A REVIEW OF FENCE A AIRCRAFT ACTIVITY AT DUBNO AIRFIELD NORTHEAST WAS CONDUCTED TO ASCERTAIN THE EARLIEST DEPLOYMENT OF THE FENCE A, ANY MODIFICATIONS TO THE AIRCRAFT, EVIDENCE OF ARMAMENT, AIRCRAFT COUNTS, AND THE IDENTITY OF EXTERNAL STORES.

ALL AVAILABLE KH COVERAGE FROM NOVEMBER 1978 THROUGH MAY 1979 WAS USED.*

AF PAR 639-79 08 AUG 79 [] SEC CLASS: 13 MSN: [] 0002P ACCN: 5088528 25X1

REPIKHOVO RADIO RELAY + RADCOM XMTR STATION UR 561407N 0380018E

WAC NO : 0154 RE/OBJ NO: [] NPIC NO : - 73-E 25X1

IDHS CODE: [] EPF CAT : 250 COMIREX NO: [] 25X1

137
TOP SECRET CRESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

REPIKHOVO RADIO RELAY + RADCOM XMTR STATION UR 561407N 0380018E
WAC NO : 0154 BE/OBJ NO: NPIC NO : - 73-F
IDHS CODE: EPF CAT : 25B COMIREX NO:

25X1
25X1

THIS REPORT SUPERSEDES PAR 77-612, 13 JULY 1977.*

25X1

AF PAR 622-79 17 JUL 79 SEC CLASS: 13 MSN: 0003P

ACCN: 5088530 25X1

KAPUSTIN YAR MTC COMPLEX C SITE 1 EQUIP U/I UR 483658N 0461800E
WAC NO : 0235 BE/OBJ NO: NPIC NO : - 10-A1
IDHS CODE: EPF CAT : 40E COMIREX NO:

25X1
25X1

DRAWINGS 79B4530 AND 76C1502 SUPPLEMENT THIS REPORT.*

25X1

AF PAR 626-79 25 JUL 79 SEC CLASS: 13 MSN: 0004P

ACCN: 5088532 25X1

NASOSNYI AIRFIELD FOXBAT A MIG-25 MODIES SRCH UR 403534N 0493322E
WAC NO : 0325 BE/OBJ NO: NPIC NO : - 43

25X1

136
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESSE RUFF

25X1

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

25X1

THIS REPORT PROVIDES THE RESULTS OF A REVIEW OF KH MISSION COVERAGE OF NASOSNYY AIRFIELD TO REPORT ANY EVIDENCE OF A FOXBAT A MODIFICATION AND/OR MAJOR RETROFIT PROGRAM AT NASOSNYY.
NO MODIFICATION OR RETROFITTING PROGRAM ASSOCIATED WITH FOXBAT AIRCRAFT WAS IDENTIFIED AT NASOSNYY AIRFIELD DURING THE REPORTING PERIOD. THE REPORT INCLUDES A CHRONOLOGICAL TABULATION OF FOXBAT ASSOCIATED ACTIVITY OBSERVED AT NASOSNYY AIRFIELD AND MAINTENANCE FACILITY []

25X1

AF PAR 645-79 10 AUG 79 [] SEC CLASS: 13 MSN: 0005P ACCN: 5008533

25X1

MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300 UR 554254N 0373415F
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 94-A3
IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1

25X1

THIS REPORT DESCRIBES NEW CONSTRUCTION AND BUILDING EXPANSION AT MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT LUZNetskAYA 300.

DESCRIPTIONS OF CHANGES TO TEST FACILITIES AND SUPPORT FACILITIES AT THE COMPLEX ARE ALSO INCLUDED.

THIS REPORT SUPPLEMENTS PAR 77-720 AND SUPERSEDES PAR 78-648, AND PARAGRAPH 2C(3) OF PARS 77-733 AND 79-516.

DRAWING 7100522/7 IS KEYED TO THIS REPORT.*

AF PAR 652-79 08 AUG 79 [] SEC CLASS: 13 MSN: 0002P ACCN: 5008534

25X1

AZ ZAGAZIG AIRFIELD HAY-SERIES ANTENNAS EG 303550N 0313956E
WAC NO : 0447 BE/OBJ NO: [] NPIC NO : - 116
IDHS CODE: [] EPF CAT : 25H COMIREX NO: []
AL GAHIRAH AIRFIELD WEST HAY-SERIES ANTENNAS EG 300706N 0305500E
WAC NO : 0447 BE/OBJ NO: [] NPIC NO : - 2-A5
IDHS CODE: [] EPF CAT : 25H COMIREX NO: []
AL GAHIRAH ALMAZA AIRFIELD HAY-SERIES ANTENNA EG 300536N 0312128E
WAC NO : 0447 BE/OBJ NO: [] NPIC NO : - 2-A
IDHS CODE: [] EPF CAT : 25H COMIREX NO: []

25X1

225X1

25X1

25X1

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

25X1

25X1

AF PAR 635-79 09 AUG 79 SEC CLASS: 13 MSN: 0011P ACCN: 5088537 25X1

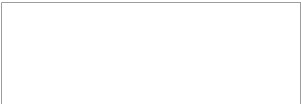
PIENKUAN RADIO RELAY STATION	BUNKERED	CH	392144N	1113535E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	84
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []		
WUCHAI MTC RADCOM STATION 1		CH	384930N	1114500E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	77-11
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []		
WUCHAI MTC RADCOM TRANSMITTER STATION 2		CH	392330N	1111140E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	41-D
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []		
HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE		CH	385027N	1122757E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	31-A2
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []		
HSIENKANG RADIO RELAY + TV TRANSMITTER STA SE		CH	385027N	1122757E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	31-A2
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []		
HSINHSEI COMSAT STATION WEST		CH	382557N	1122745E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	96-A1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []		
HSINHSEI COMSAT STATION DOMESTIC PRGR		CH	382950N	1123245E
WAC NO : 0382	RE/OBJ NO: []	NPIC NO :	-	96
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []		

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

THIS REPORT PROVIDES AN ANALYSIS OF SIX WUZHAI RELATED COMMUNICATION FACILITIES. TABLES PROVIDING MENSURATION OF THE ANTENNAS AT FIVE OF THE FACILITIES AND CHRONOLOGY OF MISSION COVERAGE AT TWO OF THE FACILITIES ARE INCLUDED. THIS REPORT SUPERSEDES PARS 73-6, 7, 72-579, AND PORTIONS OF PAPS 76-696, 76-537, 75-571, 74-523, AND

140
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1
25X1

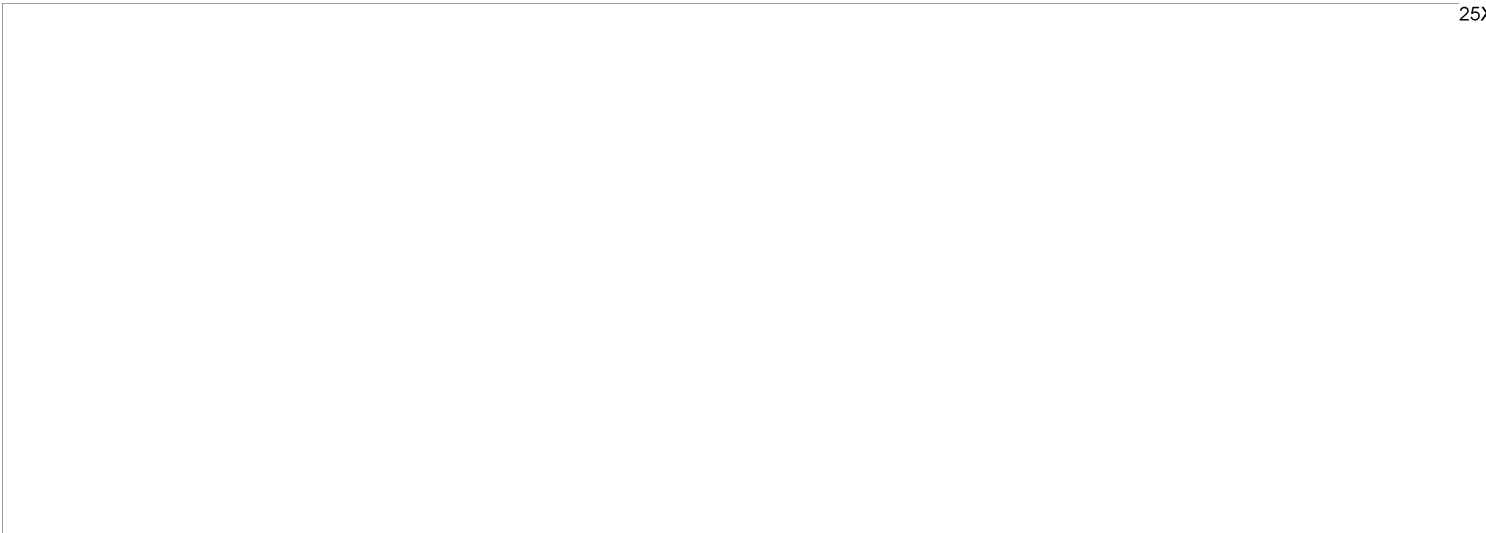
72-563.*

AF PAR 599-79 17 JUL 79  SEC CLASS: 13 MSN: 0006P ACCN: 5088538 25X1

SULO SSM/SPACE TRACKING FACILITY CH 392340N 0761220E
WAC NO : 0335 BE/OBJ NO:  NPIC NO : - 11-K
IDHS CODE:  EPF CAT : 25C COMIREX NO: 

25X1
25X1

THIS REPORT AND DRAWING 79C6547 PROVIDE AN UPDATED ANALYSIS OF THE SULO (SU-LO) SSM SPACE TRACKING FACILITY. A CHRONOLOGY OF MISSION COVERAGE FROM MAY 1967 THROUGH DECEMBER 1978 WHICH IS INCLUDED GIVES INFORMATION ON ANY NEW ANTENNAS OR CHANGES IN OLD ONES AT THE FACILITY.
THIS REPORT SUPERSEDES PORTIONS OF PARS 78-549, 76-696, 75-571, AND 73-634.*



25X1

AF ENDR 03503-1-79 12 JUL 79  SEC CLASS: 13 MSN: 0001P ACCN: 5088547 25X1

141
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

MISSILES, ICBM TYPE 3X SILO UPPER DETAILS
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40A COMIREX NO:

UR

THIS DRAWING SUPPLEMENTS PAR 77-573 AND SUPERSEDES DRAWING 7703503.*

AF ENDR C1512-79 01 AUG 79 SEC CLASS: 13 MSN: 0001P

ACCN: 508854825X1

MISSILES, PAYLOAD TRANSPORTER
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40I COMIREX NO:

UR

25X1

AF ENDR C1015-79 24 JUL 79 SEC CLASS: 04 MSN: 0001P

ACCN: 5088550

MISSILES, CSS-1
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40H COMIREX NO:

CH

AF ENDR E6514-1-78 07 AUG 79 SEC CLASS: 13 MSN: 0001P

ACCN: 508855125X1

SARY SHAGAN MTC COMPLEX B
WAC NO : 0245 BE/OBJ NO: NPIC NO : - 50-B
IDHS CODE: EPF CAT : 40E COMIREX NO:
SARY SHAGAN MTC COMPLEX F
WAC NO : 0245 BE/OBJ NO: NPIC NO : - 49-B6
IDHS CODE: EPF CAT : 40E COMIREX NO:

UR 460106N 0722804E
UR 462629N 0725108E

25X1

25X1

25X1

25X1

THIS DRAWING SUPPLEMENTS PAR 78-179.*

AF ENDR E1504-4-75 29 JUN 79 SEC CLASS: 13 MSN: 0001P

ACCN: 50885525X1.1

MISSILES, ICBM TYPE 3X SILO

UR

142
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESSE RUFF

25X1
25X1

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

THIS DRAWING SUPPLEMENTS PAR 77-573 AND SUPERSEDES DRAWING 75E1504/3.*

AF ENDR E1515-79 24 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088553 25X1

MISSILES, ICHM TYPE 36 SILO MODIFIED CONST UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS DRAWING SUPERSEDES DRAWING 77E1519 AND SUPPLEMENTS PAR 79-662 AND DRAWINGS 77D3504/2 AND 79D3508.*

AF ENDR D3504-2-77 24 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088554 25X1

MISSILES, ICHM TYPE 36 SILO UPPER DETAILS UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS DRAWING SUPPLEMENTS PAR 79-662 AND DRAWINGS 79E3508 AND 79E1515.*

AF ENDR C6519-2-77 17 AUG 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088555 25X1

LENINGRAD AIRCRAFT ENGINE PLT 117 IZOTOV OKB UR 595851N 0302023E
WAC NO : 0153 BE/OBJ NO: NPIC NO : - 36-H 25X1
IDHS CODE: EPF CAT : 05G COMIREX NO: 25X1

THIS DRAWING SUPPLEMENTS PARS 77-625 AND 79-653 AND SUPERCEDES DRAWING 7186531/5.*

AF ENDR E6516-2-74 18 MAY 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088556 25X1

LIENKENGWANG SSM COMPLEX CH 301200N 1174330E
WAC NO : 0493 BE/OBJ NO: NPIC NO : - 124 25X1
IDHS CODE: EPF CAT : 40 COMIREX NO: 25X1

THIS DRAWING SUPPLEMENTS PARS 74-602, 76-582 AND 79-583 AND DRAWING 72E6547/3, PART 1.*

AF ENDR E6547-2-72 18 MAY 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088557 25X1

LIENKENGWANG SSM COMPLEX CH 301200N 1174330E
WAC NO : 0493 BE/OBJ NO: NPIC NO : - 124 25X1
IDHS CODE: EPF CAT : 40 COMIREX NO: 225X1

143
TOP SECRET CHESSE RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PARS 74-602, 76-582, 79-583 AND DRAWING 74E6516/2, PART 2.*

[Redacted]

25X1

AF ENDR D6556-79 12 JUN 79 [Redacted] SEC CLASS: 13 MSN: 0001P ACCN: 50885525X1

TACHAITAN SSM SITE 1	CH 374709N 0952746E	
WAC NO : 0332	NPIC NO : - 13-A	25X1
IDHS CODE: [Redacted]	COMIREX NO: [Redacted]	25X1
TACHAITAN SSM SITE 2	CH 373600N 0954242E	25X1
WAC NO : 0332	NPIC NO : - 13-B	25X1
IDHS CODE: [Redacted]	COMIREX NO: [Redacted]	25X1

THIS DRAWING SUPPLEMENTS PAR 79-631.*

[Redacted]

25X1

AF ENDR E1505-79 12 JUN 79 [Redacted] SEC CLASS: 13 MSN: 0001P ACCN: 508856125X1

MISSILES, ICBM TYPE 3X SILO MODIFIED	UR
WAC NO : [Redacted]	NPIC NO : -
IDHS CODE: [Redacted]	COMIREX NO: [Redacted]

THIS DRAWING SUPPLEMENTS PAR 79-534.*

[Redacted]

25X1

144
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESH RUFF

25X1

AF ENDR 03505-79 22 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 5088563 25X1
 NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY UR 580930N 0605602E
 WAC NO : 0156 BE/OBJ NO: NPIC NO : - 20-F 25X1
 IDHS CODE: EPF CAT : 40E COMIREX NO: 25X1

THIS DRAWING SUPPLEMENTS PAR 79-113.*

AF ENDR 04529-1-79 29 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 5088564 25X1
 MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER UR 555517N 0374805E
 WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47 25X1
 IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1
 MOSKVA MISSILE + SPACE DEV CTR VACUUM CHAMBER 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 79-178.*

AF ENDR 01500-1-75 79 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 5088565 25X1
 MISSILES, CSS-X-4 CH
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 40A COMIREX NO:
 THIS DRAWING SUPPLEMENTS PAR 79-164 AND DRAWING 79C4513 AND SUPERSEDES DRAWINGS 74A1513, 74C1509,
 74C1510, AND 79C1501.*

AF ENDR 06525-2-77 22 AUG 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 5088566 25X1
 YEDROVO ICBM RTP GUIDANCE/CALIBRATION FAC UR 575216N 0333858E
 WAC NO : 0154 BE/OBJ NO: NPIC NO : - 72-A3 25X1
 IDHS CODE: EPF CAT : 25C COMIREX NO: 25X1

THIS DRAWING SUPPLEMENTS PARS 78-734 AND 70-654.*

AF ENDR 06601-79 22 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 5088567 25X1
 NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY UR 580930N 0605602E
 WAC NO : 0156 BE/OBJ NO: NPIC NO : - 20-F 25X1
 IDHS CODE: EPF CAT : 40E COMIREX NO: 25X1

THIS DRAWING SUPPLEMENTS PAR 79-113.*

145
TOP SECRET CHESH RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF ENDR B6527-1-71 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 508856^{25X1}
 NIZHNYAYA SALDA ROCKET ENGINE TEST FAC CONST UR 580930N 0605602E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 29-F 25X1
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PARS 69-625, 71-581, AND 79-613.*

AF ENDR D3506-79 24 AUG 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 508856^{25X1}
 MISSILES, ICBM TYPE 36 SILO UPPER DETAILS UR
 WAC NO : BE/OBJ NO: [] NPIC NO : - 25X1
 IDHS CODE: [] EPF CAT : 40A COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PAR 79-662 AND DRAWING 7703504/2.*

AF ENDR E6563-3-69 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 508857^{25X1}
 NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY UR 580930N 0605602E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 29-F 25X1
 IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PARS 69-625, 71-581, 73-656, AND 79-613.*

AF ENDR D1516-79 13 SEP 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: 508857^{25X1}
 MISSILES, ICBM TYPE 36 SILO DOOR HINGE MECH UR
 WAC NO : BE/OBJ NO: [] NPIC NO : - 25X1
 IDHS CODE: [] EPF CAT : 40A COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PAR 79-662.*

AF ENDR C4532-79 14 AUG 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 508857^{25X1}
 Leningrad AIRCRAFT ENG PLT 117 TEST CELL BLDG UR 595651N 0302023E
 WAC NO : 0153 BE/OBJ NO: [] NPIC NO : - 36-H 25X1
 IDHS CODE: [] EPF CAT : 056 COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PARS 77-625 AND 79-653 AND SUPERSEDES DRAWING 69B4563/2.

AF ENDR D3504-79 13 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: 5088573 25X1

146
 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

MISSILES, ICBM TYPE 3X SILO

WAC NO :
IDHS CODE:

RE/OBJ NO:
EPF CAT : 40A

UR
NPIC NO : -
COMIREX NO:

AF ENDR E6525-79 01 JUN 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088574 25X1

MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88

WAC NO : 0167
IDHS CODE:

RE/OBJ NO:
EPF CAT : 40E

UR 555517N 0374805E
NPIC NO : - 47
COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-178 AND SUPERSEDES DRAWING 75E6520.*

AF ENDR E6546-79 22 JUN 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088575 25X1

NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY

WAC NO : 0156
IDHS CODE:

RE/OBJ NO:
EPF CAT : 40E

UR 580930N 0605602E
NPIC NO : - 29-E
COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-113.*

AF ENDR D4505-2-70 29 JUN 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088576 25X1

MOSKVA MISSILE + SPACE DEV CTR RSCH INST 88

WAC NO : 0167
IDHS CODE:

RE/OBJ NO:
EPF CAT : 40E

UR 555517N 0374805E
NPIC NO : - 47
COMIREX NO:

25X1
25X1

MOSKVA MISSILE + SPACE DEV CTR RSCH INST 88

WAC NO : 0167
IDHS CODE:

RE/OBJ NO:
EPF CAT : 40H

UR 555517N 0374805E
NPIC NO : - 47
COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-178.*

25X1

AF ENDR E6536-79 01 JUN 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088577 25X1

TYURATAM/TARTUCAT MTC PROBE TEST FAC SUSP

WAC NO : 0246
IDHS CODE:

RE/OBJ NO:

UR 442253N 0651405E
NPIC NO : - 30

25X1

147
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

225X1

IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
TYURATAM/TARTUGAY MTC RADAR TEST FAC ASM TWR UR 443134N 0661516E
WAC NO : 0246 BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1

25X1

25X1

THIS DRAWING SUPPLEMENTS PAR 79-598.*

AF ENDR D6524-2-77 22 AUG 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: 50885725X1

TATISHCHEVO ICBM TRNG SITE 35X GDNC/CALIB FAC UR 514157N 0453248E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 49-D1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1

25X1

THIS DRAWING SUPPLEMENTS PARS 78-734 AND 79-654.*

AF ENDR C6557-79 20 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: 50885625X1

SUNGLIN SSM/SPACE TRACKING FACILITY CH 275341N 1021408E
WAC NO : 0496 BE/OBJ NO: [] NPIC NO : - 7-K
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1

25X1

THIS DRAWING SUPPLEMENTS PAR 79-632.*

AF ENDR B4530-79 29 JUN 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: 50885825X1

KAPUSTIN YAR MTC CPLX C SITE 1 CYLINDER U/I UR 483658N 0461800E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 10-A1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1

225X1

THIS DRAWING SUPPLEMENTS PAR 79-622.*

25X1

AF ENDR B6541-79 01 JUN 79 [] SEC CLASS: 13 MSN: [] 0001P

ACCN: 50885825X1

143
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

HSINHUO SSM/SPACE TRACKING FACILITY AREA B CH 274605N 1111535E
WAC NO : 0497 RE/OBJ NO: NPIC NO : - 48-A1
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-602.*

AF ENDR C6540-79 01 JUN 79 SEC CLASS: 13 MSN: 0001P

ACCN: 5088584 25X1

HSINHUO SSM/SPACE TRACKING FACILITY AREA A CH 274605N 1111535E
WAC NO : 0497 RE/OBJ NO: NPIC NO : - 48-A1
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-602.*

25X1

AF ENDR E1510-79 14 JUN 79 SEC CLASS: 13 MSN: 0001P

ACCN: 5088586 25X1

ELECTRONICS, SH-EL-02 PLANAR APERTURE RADAR UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS DRAWING SUPPLEMENTS PAR 79-112 AND SUPERSEDES DRAWING 7701502.*

AF ENDR 04506-1-69 23 JUL 79 SEC CLASS: 13 MSN: 0001P

ACCN: 5088587 25X1

PLESETSK MTC ICOM SITE 21 TEL U/I UR 625823N 041240E
WAC NO : 0102 RE/OBJ NO: NPIC NO : - 27-R5
IDHS CODE: EPF CAT : 40A COMIREX NO:

25X1
25X1

THIS DRAWING SUPERSEDES DRAWING 6904506 AND SUPPLEMENTS PAR 69-534 AND DRAWING 66F1013.*

AF ENDR 05506-79 10 JUL 79 SEC CLASS: 13 MSN: 0001P

ACCN: 5088588 25X1

AIRCRAFT, FOXBAT MODIFIED FUEL TANK UR
WAC NO : RE/OBJ NO: NPIC NO : -

149
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS DRAWING SUPPLEMENTS DRAWING 78E4512.*

AF ENDR D6523-7-71 27 JUL 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08858 25X1
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 17-A 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 17-A 25X1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS DRAWING 70D4546/4 AND PARS 76-599, 78-678, AND 79-640, AND SUPERSEDES DRAWINGS 65D6549 AND 66C6573.*

AF ENDR D6522-7-71 03 AUG 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S088590 25X1
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 300 UR 554254N 0373415E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 94-A3 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PARS 77-720 AND 79-645, AND SUPERSEDES DRAWING 67C6553.*

AF ENDR D6560-79 18 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: S08859 25X1
TYURATAM MTC CONSTRUCTION NEW UR 455637N 0632755E
WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 6 25X1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

AF ENDR C6527-2-77 12 JUN 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08859 25X1
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV UR 554154N 0375242E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 94-A4 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

THIS DRAWING SUPERSEDES DRAWING 70C6587/4 AND SUPPLEMENTS PARS 77-656 AND 79-630.*

AF ENDR C6534-1-78 27 JUL 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S08859 25X1
MOSKVA AIRCRAFT ENGINE EXPERIMENTAL PLANT 165 UR 554935N 0373935E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 45-B5 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

150
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHIESS RUFF

25X1

THIS DRAWING SUPPLEMENTS PARS 78-653 AND 79-636, AND SUPERSEDES DRAWINGS 71C652075 AND 70B450172.*

AF ENDR 06530-8-71 20 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: 5088594 25X1
ZAPOROZHYE AIRCRAFT ENG PLANT 478 LOTAREV OKB UR 474928N 0351147E
WAC NO : 0249 BE/OBJ NO: [] NPIC NO : - 47-E 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

THIS DRAWING SUPERSEDES DRAWING 67C6575 AND SUPPLEMENTS PARS 69-672, 70-700, 71-598, 76-580, AND 79-534.*

AF ENDR C1515-79 14 AUG 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: 5088595 25X1
AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I UR 481838N 0461424E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 18-B1 25X1
IDHS CODE: [] EPF CAT : 05A COMIREX NO: [] 25X1
AKHTUBINSK/VLADIMIROVKA AIRFIELD MISSILES U/I UR 481838N 0461424E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 18-B1 25X1
IDHS CODE: [] EPF CAT : 40I COMIREX NO: [] 25X1

AF ENDR 04546-4-70 27 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: 5088596 25X1
KUYBYSHV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 17-A 25X1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1
KUYBYSHV EXPERIMENTAL A/C + ROCKET ENG PLANT UR 532053N 0501231E
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 17-A 25X1
IDHS CODE: [] EPF CAT : 05G COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PARS 76-599, 78-678 AND 79-640.*

AF ENDR 06547-79 25 JUN 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: 5088597 25X1
SOLO SSM/SPACE TRACKING FACILITY CH 392340N 0761220E
WAC NO : 0335 BE/OBJ NO: [] NPIC NO : - 11-K 25X1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: [] 25X1

THIS DRAWING SUPPLEMENTS PAR 79-199.*

25X1

151
TOP SECRET CHIESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

DIA IIM 5B1-73419-79 15 OCT 79 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 0002P ACCN: 508860 25X1

VOLGOGRAD AMMUNITION + TANK DEPOT DA1/D01

WAC NO : 0235

IDHS CODE: [REDACTED]

BE/OBJ NO: [REDACTED]

EPF CAT : 35F

UR 484212N 0442306E

NPIC NO : - 16-L

COMIREX NO: [REDACTED]

25X1

25X1

DIA IIM 5B1-73427-79 11 OCT 79 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 0002P ACCN: 508860 25X1

IKOVKA ORDNANCE DEPOT D01

WAC NO : 0164

IDHS CODE: [REDACTED]

BE/OBJ NO: [REDACTED]

EPF CAT : 35F

UR 553553N 0645748E

NPIC NO : - 4

COMIREX NO: [REDACTED]

25X1

25X15X1

25X1

25X1

152
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

25X1

DIA IIM 501-73424-79 15 OCT 79 [] SEC CLASS: 14B MSN: [] 0003P ACCN: 5088613 25X1
PERM ORDNANCE DEPOT CENTRAL D01 UR 575930N 0561601E 25X1
WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 16-X 25X1
IDHS CODE: [] EPF CAT : 35F COMIREX NO: [] 25X1
DIA IIM 501-73446-79 15 OCT 79 [] SEC CLASS: 14B MSN: [] 0002P ACCN: 5088614 25X1
VOZNESENSK ORDNANCE DEPOT D01 UR 473540N 0312008E 25X1
WAC NO : 0250 BE/OBJ NO: [] NPIC NO : - 79-C 25X1
IDHS CODE: [] EPF CAT : 35F COMIREX NO: [] 25X1
DIA IIM 501-73451-79 17 OCT 79 [] SEC CLASS: 14 MSN: [] 0005P ACCN: 5088615 25X1
PLTROPAVLOVSK ARMY BARRACKS AL24 UR 530344N 1583812E 25X1
WAC NO : 0194 BE/OBJ NO: [] NPIC NO : - 11-T2 25X1
IDHS CODE: [] EPF CAT : 35F COMIREX NO: [] 25X1

153
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

CIA INFR IS10164J-79 28 SEP 79 SEC CLASS: 24 MSN: 0007P ACCN: S088617 25X1
MILITARY, 65TH AAA DIVISION KUNMING MR CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35D COMIREX NO:

THE 65TH INDEPENDENT ANTI-AIRCRAFT ARTILLERY (AAA) DIVISION IS DEPLOYED IN SOUTHEASTERN YUNNAN PROVINCE, KUNMING MILITARY REGION. THE DIVISION IS TACTICALLY DEPLOYED TO DEFEND TWO AIRFIELDS THAT ARE 50 KILOMETERS APART. THE DIVISION HAS 14 BATTERIES DEPLOYED AT MENGZI (MENG-TZU) AIRFIELD AND SEVEN BATTERIES DEPLOYED TO DEFEND THE AIRFIELD AT PINGYUANJIE (PING-YUAN-CHIEH). NSA REPORTS THIS DIVISION TO HAVE FIVE REGIMENTS, BUT FROM PHOTOGRAPHY THE NUMBER AND COMPOSITION OF REGIMENTS COULD NOT BE DETERMINED.

CIA INFR IS10162J-79 26 SEP 79 SEC CLASS: 24 MSN: 0007P ACCN: S088618 25X1
MILITARY, 4TH ARTILLERY DIVISION KUNMING MR CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35D COMIREX NO:

THE 4TH ARTILLERY DIVISION IS DEPLOYED IN CENTRAL YUNNAN PROVINCE, KUNMING MILITARY REGION. THE DIVISION HAS THREE ARTILLERY REGIMENTS, TWO OF WHICH ARE NEAR KUNMING CITY AND THE THIRD NEAR CHUJING (CH'U CHING). EACH HAS THREE BATTALIONS ORGANIZED INTO THREE BATTERIES OF FOUR WEAPONS EACH. AT ONE REGIMENT A FULL COMPLEMENT OF 152-MM GUN HOWITZERS HAS BEEN OBSERVED ON PHOTOGRAPHY. DIA HAS NOT OBSERVED A FULL TO-F COMPLEMENT OF GUNS AT THE OTHER TWO REGIMENTS. HOWEVER, THERE IS SUFFICIENT COVERED STORAGE AT EACH INSTALLATION TO HOUSE A FULL COMPLEMENT OF EQUIPMENT. A MULTIPLE ROCKET LAUNCHER REGIMENT FOR THIS DIVISION COULD NOT BE IDENTIFIED. ALL OF THE INSTALLATIONS ARE RAIL SERVED.

CIA INFR IS10152K-79 26 SEP 79 SEC CLASS: 13 MSN: 0013P ACCN: S088619 25X1
SALDANHA BAY POL STORAGE SF 325945S 0180200E
WAC NO : 1422 BE/OBJ NO: NPIC NO : - 25X1
IDHS CODE: EPF CAT : 80A COMIREX NO: 25X1
SASOLBURG POL STORAGE SF 264810S 0275105F 25X1
WAC NO : 1300 BE/OBJ NO: NPIC NO : -

154
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESSE RUFF

25X1
25X1

IDHS CODE: []	EPF CAT : 80A	COMIREX NO:	25X1
DURBAN POL STORAGE BP SHELL 1		SF 295830S 0305800E	
WAC NO : 1398	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 80A	COMIREX NO:	25X1
DURBAN POL STORAGE AREA LOUIS BOTHA 2		SF 295830S 0305650E	
WAC NO : 1398	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 80A	COMIREX NO:	25X1
CAPE TOWN POL STORAGE 2 MILNERTON CALTEX		SF 335100S 0183240E	
WAC NO : 1422	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 80A	COMIREX NO:	25X1
CAPE TOWN POL STORAGE 1 MILNERTON CALTEX		SF 335000S 0183200E	
WAC NO : 1422	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 80A	COMIREX NO:	25X1

TO AID IN ASSESSING SOUTH AFRICA'S ABILITY TO DEAL WITH THE DECEMBER 1978 OIL CUTOFF BY IRAN, OIA HAS STUDIED PHOTOGRAPHY OF FIVE OF SOUTH AFRICA'S MAJOR POL TANK FARMS TO DETERMINE THEIR STORAGE CAPACITY AND COMPARE THEIR ACTUAL HOLDINGS AS OBSERVED IN MID-1979 WITH THOSE SEEN IN THE 1977-78 PERIOD. THESE TANK FARMS -- AT CAPE TOWN, DURBAN, AND SASOLBURG -- ARE THOUGHT TO REPRESENT AN IMPORTANT PART OF SOUTH AFRICA'S EFFORT TO STOCKPILE CRUDE OIL SUPPLIES.

THE TOTAL CAPACITY OF THE 108 FLOATING ROOF TANKS AT THE FIVE TANK FARMS IS APPROXIMATELY 27.37 MILLION BARRELS OF OIL. A COMPARISON OF 1977-78 IMAGERY WITH JULY 1979 IMAGERY SHOWS AN OVERALL DECREASE OF APPROXIMATELY 30 PERCENT IN HOLDINGS AT THESE TANK FARMS. THE 1977-78 HOLDINGS WERE APPROXIMATELY 22.63 MILLION BARRELS AND THE JULY 1979 HOLDINGS WERE 15.74 MILLION BARRELS. AUGUST AND SEPTEMBER 1979 COVERAGES, HOWEVER, SHOW INCREASED HOLDINGS AT ALL LOCATIONS WHEN COMPARED TO JULY 1979. BECAUSE OF LIMITED IMAGERY DURING PREVIOUS YEARS OIA DOES NOT KNOW TO WHAT EXTENT THESE CHANGES REPRESENT SEASONAL FLUCTUATION.

CIA INFR 1510151K-79 20 SEP 79

SEC CLASS: 13

MSN:

0019P

ACCN: 508862025X1

MILITARY, COMBAT BRIGADES ORG/EQUIP HOLDINGS

AG

WAC NO :

BE/OBJ NO:

NPIC NO : -

IDHS CODE:

EPF CAT : 35

COMIREX NO:

WHAT APPLARS TO BE THE MAJOR ELEMENTS OF 14 COMBAT BRIGADES IN ALGERIA HAVE BEEN IDENTIFIED ON SATELLITE PHOTOGRAPHY ACQUIRED FROM JANUARY 1977 THROUGH JUNE 1979. THESE INCLUDE EIGHT MOTORIZED INFANTRY BRIGADES, FOUR MECHANIZED INFANTRY BRIGADES, AN ARMORED BRIGADE, AND A POSSIBLE AIRBORNE/SPECIAL FORCES BRIGADE. ALL OF THE BRIGADES ARE IN NORTHERN AND WESTERN ALGERIA, WITH MOST OF THE BRIGADES ALONG THE ALGERIAN/MOROCCAN BORDER. THERE ARE AT LEAST 25 ADDITIONAL INFANTRY BATTALIONS GARRISONED AT INSTALLATIONS THROUGHOUT THE COUNTRY.

INFORMATION ON THE DISPOSITION OF THE ALGERIAN ARMY IS OUT OF DATE. IN ORDER TO COMPILE A PHOTOGRAPHICALLY DERIVED ALGERIAN ARMY ORDER OF BATTLE AND INSTALLATION LIST, ALL SATELLITE PHOTOGRAPHY ACQUIRED FROM EARLY 1977 TO MID-1979 WAS ANALYZED. A LACK OF COLLATERAL INFORMATION AND INCOMPLETE PHOTOGRAPHIC COVERAGE HINDERED OIA'S EFFORTS TO COMPILE A COMPLETE ORDER OF BATTLE. INCLUDED AS

TOP SECRET CHESS RUFF

25X1
25X1

REFERENCES ARE TWO PREVIOUSLY COMPLETED OIA STUDIES ON ALGERIAN GROUND FORCES.

CIA INFR IS10148-79 21 SEP 79

SEC CLASS: 05 MSN: 0015P

ACCN: 5088621

BALLESH PETROLEUM REFINERY	WAC NO : 0322	BE/OBJ NO: []	AL 403615N 0194535E	
	IDHS CODE: []	EPF CAT : 30B	NPIC NO : - 288	25X1
BULGIZE ORE PROCESSING PLANT	WAC NO : 0322	BE/OBJ NO: []	COMIREX NO: []	25X1
	IDHS CODE: []	EPF CAT : 30B	AL 412834N 0201220E	
BURREL INDUSTRIAL FACILITY U/I	WAC NO : 0322	BE/OBJ NO: []	NPIC NO : -	25X1
	IDHS CODE: []	EPF CAT : 10B	COMIREX NO: []	
BURREL INDUSTRIAL FACILITY U/I	WAC NO : 0322	BE/OBJ NO: []	AL 413438N 0195800E	
	IDHS CODE: []	EPF CAT : 30	NPIC NO : -	25X1
DURRES INDUSTRIAL AREA	WAC NO : 0322	BE/OBJ NO: []	COMIREX NO: []	
	IDHS CODE: []	EPF CAT : 30	AL 411905N 0192715E	25X1
DURRES PORT FACILITIES EXPANSION ACTIVITY	WAC NO : 0322	BE/OBJ NO: []	NPIC NO : - 20	25X1
	IDHS CODE: []	EPF CAT : 75I	COMIREX NO: []	25X1
ELBASAN IRON + STEEL PLANT	WAC NO : 0322	BE/OBJ NO: []	AL 410452N 0200118E	
	IDHS CODE: []	EPF CAT : 30C	NPIC NO : -	25X1
FIER NITROGEN FERTILIZER PLANT	WAC NO : 0322	BE/OBJ NO: []	COMIREX NO: []	
	IDHS CODE: []	EPF CAT : 30F	AL 404225N 0193305E	25X1
FIER PETROLEUM REFINERY	WAC NO : 0322	BE/OBJ NO: []	NPIC NO : - 241-D	25X1
	IDHS CODE: []	EPF CAT : 30B	COMIREX NO: []	
FIERZE HYDROELECTRIC POWER PLANT	WAC NO : 0322	BE/OBJ NO: []	AL 404220N 0193306E	25X1
	IDHS CODE: []	EPF CAT : 30E	NPIC NO : - 241	25X1
LAC CHEMICAL + COPPER PLANT	WAC NO : 0322	BE/OBJ NO: []	COMIREX NO: []	
	IDHS CODE: []	EPF CAT : 30F	AL 4215 N 02002 E	25X1
STALIN PETROLEUM REFINERY	WAC NO : 0322	BE/OBJ NO: []	NPIC NO : -	25X1
	IDHS CODE: []	EPF CAT : 30A	AL 413942N 0194208E	25X1
VALIAS COAL COLLIERY	WAC NO : 0322	BE/OBJ NO: []	NPIC NO : - 78-C1	25X1
	IDHS CODE: []	EPF CAT : 30A	COMIREX NO: []	25X1
	WAC NO : 0322	BE/OBJ NO: []	AL 404817N 0195435E	
	IDHS CODE: []	EPF CAT : 30A	NPIC NO : - 43	25X1
	WAC NO : 0322	BE/OBJ NO: []	COMIREX NO: []	25X1
	IDHS CODE: []	EPF CAT : 30A	AL 412245N 0194657E	
	WAC NO : 0322	BE/OBJ NO: []	NPIC NO : -	25X1
	IDHS CODE: []	EPF CAT : 30A	COMIREX NO: []	25X1

TOP SECRET CRESS RUFF

25X1

VLORE CHEMICAL FERTILIZER PLANT

WAC NO : 0322 BE/OBJ ID: [REDACTED]
 IDHS CODE: [REDACTED] EPF CAT : 30F
 SHKODER INDUSTRIAL AREA
 WAC NO : 0322 BE/OBJ ID: [REDACTED]
 IDHS CODE: [REDACTED] EPF CAT : 30

AL 402825N 0192713E
 NPIC NO : - 101-E3
 COMIREX NO:
 AL 420455N 0193206E
 NPIC NO : -
 COMIREX NO:

25X1

25X1

25X1

IN 1978 THE CHINESE TERMINATED A PROGRAM IN WHICH THEY WERE HELPING ALBANIA DEVELOP ITS INDUSTRIAL BASE. A SAMPLING OF THE INDUSTRIAL FACILITIES BEING BUILT OR EXPANDED WITH CHINESE AID HAS BEEN EXAMINED ON OVERHEAD IMAGERY OF MAY 1979 TO DETERMINE WHETHER THE ALBANIANS HAVE CONTINUED THE CONSTRUCTION AND OPERATION OF THE FACILITIES FOLLOWING THE CHINESE PULLOUT. TWELVE CONSTRUCTION PROJECTS, SELECTED BY THE OFFICE OF ECONOMIC RESEARCH, HAVE BEEN EXAMINED, AND IT IS APPARENT THAT THE ALBANIANS HAVE BEEN ABLE TO CONTINUE WORK ON THE PROJECTS. CONSTRUCTION HAS CONTINUED AT A HYDROELECTRIC PLANT AT FIERZE, A CHEMICAL AND COPPER PLANT AT LAC, A COAL COLLIERY AT VALIAS, PORT AND INDUSTRIAL FACILITIES AT DURREZ, AND AN IRON AND STEEL PLANT, WHERE NUMEROUS ADDITIONS ARE UNDERWAY ALONG WITH THE OPERATION OF A PORTION OF THE PLANT. ACTIVITY AT THE REMAINING SIX FACILITIES HAS BEEN MAINTAINED AT ABOUT THE SAME LEVELS AS IN 1978. IN ADDITION, CONSTRUCTION HAS CONTINUED ON AN UNIDENTIFIED INDUSTRIAL FACILITY NEAR BURREL. DIA COULD NOT DETERMINE WHETHER THIS IS A CHINESE AID PROJECT OR NOT, BUT IT HAS BEEN INCLUDED BECAUSE IT ALSO ILLUSTRATES ALBANIA'S ABILITY TO CONTINUE CONSTRUCTION ACTIVITY.

THIS STUDY PROVIDES BRIEF DESCRIPTIONS OF THE 13 INSTALLATIONS STUDIED, ALONG WITH INDICATIONS OF THE PROGRESS MADE SINCE 1974. ALSO INCLUDED ARE A LOCATION MAP AND PHOTOGRAPHS OF THOSE FACILITIES WHERE SIGNIFICANT CHANGES HAVE BEEN OBSERVED DURING THE PAST YEAR.

IMAGERY OBTAINED IN JUNE 1974, JULY 1978, AND MAY 1979 WAS USED FOR THIS STUDY.

CIA INFR IS10156R-79 21 SEP 79 [REDACTED] SEC CLASS: 13 MSN: 0006P

ACCN: 508862225X1

BAGRAM AIRFIELD AIRBORNE INFANTRY BN SOV PROB

WAC NO : 0431 BE/OBJ ID: [REDACTED]
 IDHS CODE: [REDACTED] EPF CAT : 05A

AF 345700N 0691602E
 NPIC NO : - 1
 COMIREX NO: [REDACTED]

25X1

25X1

A SOVIET PROBABLE AIRBORNE INFANTRY BATTALION IS LOCATED AT BAGRAM AIRFIELD, AFGHANISTAN, APPROXIMATELY 47 KILOMETERS NORTH OF KABUL. BAGRAM AIRFIELD IS THE MAIN OPERATING BASE FOR THE SOVIET AN-12 (CUB) TRANSPORT AIRCRAFT AND THE MI-8 (HIP) HELICOPTERS USED TO SUPPORT THE AFGHAN ARMY.

THE SOVIET PROBABLE AIRBORNE INFANTRY BATTALION, WHICH ARRIVED AT BAGRAM BETWEEN [REDACTED] IS DIVIDED IN 14 AIRCRAFT REGIMENTS IN AN ISOLATED AREA AT THE NORTHEAST END OF THE AIRFIELD. THE

25X1

25X1

25X1

157
 TOP SECRET CRESS RUFF

TOP SECRET CRESS RUFF

25X1
25X1

25X1

CIA INFR 1510168J-79 11 OCT 79

SEC CLASS: 24

MSN:

0031P

ACCN: 5088624 25X1

MILITARY, 11TH ARMY KUNMING MILITARY REGION

CH

WAC NO :

BE/OBJ NO:

NPIC NO : -

IDHS CODE:

EPF CAT : 35

COMIREX NO:

THE 11TH ARMY IS LOCATED IN YUNNAN PROVINCE, WESTERN KUNMING MILITARY REGION. THE ARMY HEADQUARTERS AND PRINCIPAL SUPPORT ELEMENTS ARE LOCATED AT DALI (TA-LI) AND DENGXIAN (TENG-CHUAN). THE ARMY HAS THREE SUBORDINATE INFANTRY DIVISIONS. TWO OF THESE DIVISIONS ARE LOCATED AT XIAGUAN (HSIA-KUAN) AND LINCANG (LIN-TSANG). THE THIRD DIVISION, RECENTLY FORMED FROM THE UPGRADING OF INTERNAL DEFENSE UNITS IN YUNNAN IS LOCATED AT FUXIENG ZHEN (FU-HSING-CHEN).

25X1

153
TOP SECRET CRESS RUFF

25X1

TOP SECRET CHSS RUFF

25X1

CIA INFR 15101630-79 26 SEP 79 [REDACTED] SEC CLASS: 24 MSN: 0007P ACCN: 508A626 25X1

MILITARY, PONTOON BRIDGE REGT U/I KUNMING MR CH
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 35 COMIREX NO:

AN UNIDENTIFIED PONTOON BRIDGE REGIMENT (INDEPENDENT) IS IN YUNNAN PROVINCE, 75 KILOMETERS SOUTH OF KUNMING CITY. THE HEADQUARTERS UNIT FOR THE REGIMENT IS PROBABLY AT JIANGCHUAN (CHIAN-CHUAN) ARMY BARRACKS 1. THE REGIMENT IS MADE UP OF PONTOON BRIDGE COMPANIES, EACH OF WHICH HAS 18 TPP. TWO OF THE COMPANIES ARE AT JIANGCHUAN ARMY BARRACKS 1, ONE IS AT JIANGCHUAN ARMY BARRACKS 2, AND A FOURTH COMPANY IS AT YUJI (YU-CHI).

CIA INFR 15101580-79 26 SEP 79 [REDACTED] SEC CLASS: 25 X MSN: 0008P ACCN: 508A627 25X1

MILITARY, GUERRILLA FORCES AO
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 35 COMIREX NO:

OIA HAS IDENTIFIED EIGHT PROBABLE SOUTH-WEST AFRICAN PEOPLE'S ORGANIZATION (SWAPO) GUERRILLA CAMPS IN SOUTHERN ANGOLA. TWO ADDITIONAL SWAPO CAMPS, AT CASSINGA AND RUACANA, HAVE BEEN HEAVILY DAMAGED BY SOUTH AFRICAN ATTACKS.

SWAPO CAMPS HAVE ALSO BEEN REPORTED IN SIX AREAS OCCUPIED BY CONVENTIONAL ANGOLAN ARMY UNITS. ONLY ONE, HOWEVER--AT ONJIVA (FORMERLY PEREIRA DE ECA)--SHOWED EVIDENCE OF POSSIBLE SWAPO ACTIVITY.

NPIC IAR 1A8060-79 OCT 79 [REDACTED] SEC CLASS: 140 MSN: [REDACTED] 0002P ACCN: 508A635 25X1

AIRCRAFT, RAM K UP
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 050 COMIREX NO:
 KOMSOMOLSK AIRFRAME PLANT ORUZHONIKIYE 126 UR 503518N 1370525E
 WAC NO : 0204 BE/OBJ NO: [REDACTED] NPIC NO : - 13-A
 IDHS CODE: [REDACTED] EPF CAT : 056 COMIREX NO: [REDACTED]

A RAM K AIRCRAFT WAS OBSERVED AT KOMSOMOLSK AIRFRAME PLANT ORUZHONIKIYE 126, USSR, [REDACTED]

[REDACTED] A RAM K HAS BEEN OBSERVED AT KOMSOMOLSK [REDACTED]
 [REDACTED] HOWEVER, THIS IS THE FIRST HIGH-RESOLUTION COVERAGE OF SUCH GOOD
 INTERPRETABILITY. THE RAM K WAS FIRST IDENTIFIED AT KAMENSKOYE FLIGHT TEST CENTER [REDACTED]

THE RAM K IS A NEW TWIN-ENGINE, SUKH01-ASSOCIATED, HIGH-PERFORMANCE SOVIET PROTOTYPE AIRCRAFT. KOMSOMOLSK AIRFRAME PLANT ORUZHONIKIYE 126 IS A SUKH01-ASSOCIATED AIRFRAME PLANT LOCATED IN THE FAR EASTERN USSR. DETAILED MEMORIAL ANALYSIS OF THE RAM K IS GIVEN IN THIS REPORT.

159
TOP SECRET CHSS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC IAR IAR0044-79 OCT 79 SEC CLASS: 14B MSN: 0003P

ACCN: 508864 25X1

VINOGRADOV ENGINEER + STORAGE DPO NZHM-56 BRG
WAC NO : 0232 BE/OBJ NO: NPIC NO : - 107-M1
IUHS CODE: EPF CAT : 35F COMINEX NO:

25X1
25X1

THE SUPERSTRUCTURE FOR AN NZHM-56 FLOATING RAILWAY PONTON BRIDGE WAS SEEN AT VINOGRADOV ENGINEER/NZHM STORAGE DEPOT, USSR. THE SUPERSTRUCTURE SECTION WAS IN A PROBABLE TRAINING CONFIGURATION AND WAS SEPARATED FROM ITS SUPPORTING PONTON SECTIONS. THE VINOGRADOV DEPOT HOUSES THE NZHM-56 BATTALION WHICH IS SUBORDINATE TO A SOVIET RAILROAD CONSTRUCTION ENGINEER BATTALION AT VINOGRADOV ARMY BARRACKS AL-1

25X1
25X1
25X1
25X1

16U
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESH RUFF

25X1

25X1

DIA BIRK RDA11-0003-79 OCT 79 SEC CLASS: 14D MSN: 0007P ACCN: 508864425X1

KUSONG TANK PLANT PUG
WAC NO : 0290 BE/08J NO KN 400318N 1251320E
IDHS CODE: EPF CAT : 35G NPIC NO : - 180-R
COMJEX NO:

25X1

25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF KUSONG TANK PLANT, LOCATED 5 NM NORTH-NORTHWEST OF KUSONG, IN NORTHWESTERN NORTH KOREA. THE ROAD AND RAIL SERVED PLANT INCLUDES FACILITIES FOR THE TESTING AND PRODUCTION OF ARMORED VEHICLES. IT OCCUPIES APPROXIMATELY 120 HECTARES AND INCLUDES 108 BUILDINGS WITH 73,037 SQUARE METERS OF ROOF COVER. OF THESE, 7 ARE MAJOR PRODUCTION BUILDINGS WITH 37,577 SQUARE METERS OF ROOF COVER. THE INSTALLATION HAS BEEN DIVIDED INTO FOUR FUNCTIONAL AREAS: TEST/CHECKOUT, FABRICATION/ASSEMBLY, COMPONENTS PRODUCTION, AND ADMINISTRATION/ENGINEERING.

THE INFORMATION IS PRESENTED IN GRAPHIC AND TABULAR FORM. IT INCLUDES A MAP, THREE ANNOTATED PHOTOGRAPHS, THREE TABLES, AND A NATIONAL BASIC REFERENCE GRAPHIC (NBRG). A REFERENCE DATA LIST FURNISHES IMAGERY AND MAP SOURCES. INSIGNIFICANT BUILDINGS SUCH AS LATRINES, ENVIRONMENTAL COVERS, AND SMALL UTILITY AND CONSTRUCTION SUPPORT BUILDINGS HAVE BEEN OMITTED FROM THE GRAPHICS AND TABLES.

THIS REPORT SUPERSEDES DIA, RDA-11/0023/75, KUSONG REAR SERVICE REPAIR/OVERHAUL DEPOT, NORTH KOREA, APR 75, FORMERLY THE BASIC REPORT FOR THIS INSTALLATION.

25X1

25X1

25X1

TOP SECRET CHESH RUFF

Page Denied

TOP SECRET CHESS RUFF

25X1

25X1

DIA IIM 561-73477-79 16 OCT 79 [] SEC CLASS: 14B MSN: [] 0002P ACCN: 5088668 25X1
SUWALKI MILITARY BARRACKS 3 PL 540511N 0225545F
WAC NO : 0168 BE/OBJ NO: [] NPIC NO : - 145-A1 25X1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NOTE [] 15 OCT 79 [] SEC CLASS: 13 MSN: [] 0004P ACCN: 5088669 25X1
TUTSKOYE ARMY BARRACKS AL1 MINE-ASSOC VEH UR 523041N 0524711F
WAC NO : 0165 BE/OBJ NO: [] NPIC NO : - 29-E 25X1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NOTE [] 15 OCT 79 [] SEC CLASS: 13 MSN: [] 0003P ACCN: 5088670 25X1
BROVARY ARMY BKS AL1 BROVARY RVR CROSSING VEH UR 502950N 0304430E
WAC NO : 0233 BE/OBJ NO: [] NPIC NO : - 30-C 25X1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NOTE [] 22 OCT 79 [] SEC CLASS: 14B MSN: [] 0005P ACCN: 5088671 25X1
OVRUCH ARMY BKS AL1 + HQ TANK DIV BTR-70 APC UR 511947N 0284744E
WAC NO : 0233 BE/OBJ NO: [] NPIC NO : - 42-H 25X1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NOTE [] 22 OCT 79 [] SEC CLASS: 14B MSN: [] 0005P ACCN: 5088672 25X1
KOROSTEN ARMY BARRACKS NNE AL4 T-64/T-72 TANK UR 510700N 0284100E
WAC NO : 0233 BE/OBJ NO: [] NPIC NO : - 124 25X1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA NOTE [] 23 OCT 79 [] SEC CLASS: 14B MSN: [] 0005P ACCN: 5088673 25X1
CESKY KRUMLOV ARMY BKS NORTH 1 R-330/F-330E CZ 484939N 0141840E
WAC NO : 0231 BE/OBJ NO: [] NPIC NO : - 29-F 25X1
IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

163
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1
25X1

CESKY KRUMLOV ARMY BKS NORTH 1 R-330/R-330A CZ 484939N 0141840E
WAC NO : 0231 BE/OBJ NO: [Redacted] NPIC NO : - 29-E
IDHS CODE: [Redacted] EPF CAT : 25 COMIREX NO: [Redacted]

25X1
25X1.1

[Redacted]

25X1

DIA IIM 5B1-73627-79 22 OCT 79 [Redacted] SEC CLASS: 14 MSN: [Redacted] 0004P ACCN: 508867

25X1

PETROPAVLOVSK ARMY BARRACKS AL25 UR 525925N 1584558E
WAC NO : 0194 BE/OBJ NO: [Redacted] NPIC NO : - 11-M
IDHS CODE: [Redacted] EPF CAT : 35A COMIREX NO: [Redacted]

25X1
25X1
25X1

[Redacted]

25X1

164
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

25X1

25X1

NPIC IAR IARAU73-79 OCT 79 SEC CLASS: 14B MSN: 0004P

ACCN: 508868225X1

KOROSTEN ARMY BARRACKS NNE AL4 TANK DIV EXPMT UR 510700N 0284100E

WAC NO : 0233

SE/OBJ NO:

NPIC NO : - 124-

IDHS CODE:

EPF CAT : 35A

COMIREX NO:

25X1

25X1

NEW DEVELOPMENTS WERE OBSERVED IN THE SOVIET EXPERIMENTAL TANK DIVISION AT KOROSTEN ARMY BARRACKS NNE AL-4, USSR. THE PRESENCE OF DEPLOYED BTR-70 ARMORED PERSONNEL CARRIERS (APCS) WAS CONFIRMED, AND A SPOON REST D EARLY WARNING (EW) RADAR WITH SA-8 SAMS AND THE POSSIBLE FORMATION OF A DIVISIONAL EW BATTERY WERE SEEN.

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

CIA BIIR RCS13-0012-79 SEP 79 SEC CLASS: 14B MSN: 0017P

ACCN: 508868 25X1

INDUSTRY, PETROLEUM REFINERIES

WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 30B	COMIREX NO:
ROSE PETROLEUM REFINERY LEON TADZHER		BU 435208N 0255917E
WAC NO : 0322	BE/OBJ NO:	NPIC NO : - 74-B3
IDHS CODE:	EPF CAT : 30B	COMIREX NO:
PLEVEN PETROLEUM REFINERY YASEN		BU 432424N 0242916E
WAC NO : 0322	BE/OBJ NO:	NPIC NO : - 64-F1
IDHS CODE:	EPF CAT : 30B	COMIREX NO:
BURGAS PETROLEUM REFINERY KAMENO		BU 423245N 0272017E
WAC NO : 0323	BE/OBJ NO:	NPIC NO : - 22
IDHS CODE:	EPF CAT : 30B	COMIREX NO:

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

BETWEEN JANUARY 1963 AND MID-1978, BULGARIA'S PETROLEUM REFINING INDUSTRY GREW FROM ONE REFINERY WITH AN ESTIMATED CRUDE OIL DISTILLATION CAPACITY OF 0.5 MILLION METRIC TONS PER YEAR (MMT/YR) TO THREE REFINERIES WITH A COMBINED ESTIMATED CAPACITY OF 12.5 MMT/YR. ALMOST 90 PERCENT (OR 11 MMT/YR) OF THE COUNTRY'S DISTILLATION CAPACITY IS IN ONE OF THE REFINERIES -- NEAR THE CITY OF BURGAS. NO ADDITIONAL CRUDE OIL DISTILLATION UNITS WERE OBSERVED UNDER CONSTRUCTION IN BULGARIAN REFINERIES IN MID-1978. MOST OF THE CRUDE OIL REFINED IN BULGARIA AS WELL AS MANY OF ITS PETROLEUM REFINING UNITS ARE FROM THE SOVIET UNION.

BASED ON THE TYPE OF SECONDARY PROCESSING UNITS IDENTIFIED IN THE REFINERIES, IT IS APPARENT THAT BULGARIA IS NOT FULLY REFINING CRUDE OIL. THE REFINERIES LACK THE CRACKING UNITS NEEDED TO PROCESS THE LARGE AMOUNT OF HEAVY FUELS PRODUCED IN THE CRUDE OIL DISTILLATION UNITS INTO MORE VALUABLE LIGHTER FUELS SUCH AS GASES, GASOLINE, AND LIGHT DIESEL FUELS. BULGARIA'S FIRST CRACKING UNIT, WHICH WAS UNDER CONSTRUCTION IN MID-1978 AND MAY BEGIN OPERATING BY THE END OF 1979, WILL BE CAPABLE OF PROCESSING ONLY A SMALL PART OF THE HEAVY FUELS.

THIS REPORT PROVIDES A DISCUSSION OF THE DEVELOPMENTS IN THE BULGARIAN PETROLEUM REFINING INDUSTRY. IT INCLUDES A GRAPH SHOWING THE GROWTH OF THE REFINING INDUSTRY, A REFINERY PROCESS FLOW CHART, AND AN ESTIMATE OF THE CRUDE OIL DISTILLATION CAPACITY OF EACH REFINERY. ALSO INCLUDED ARE A PHOTOGRAPH AND A DESCRIPTION WITH A LISTING OF THE MAIN PRODUCTS OF EACH REFINERY.

NPIC MCS MCS005-79 OCT 79 SEC CLASS: 14 MSN: 0148P

ACCN: 508868 25X1

MCS 4350-2

WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 60A	COMIREX NO:

25X1

160
TOP SECRET CHESS RUFF

25X1

TOP SECRET CRESS RUFF

25X1

25X1

AF PAR 095-79 10 SEP 79 SEC CLASS: 13 MSN: 0002P ACCN: 5088701 25X1

BALLESH PETROLEUM REFINERY AL 403615N 0194535E 25X1
WAC NO : 0322 BE/OBJ NO: NPIC NO : - 28A 25X1
IDHS CODE: EPF CAT : 30B COMIREX NO: 25X1
BEROT/STALIN AIRFIELD EW RADAR FACILITY AL 404700N 0195400E 25X1
WAC NO : 0322 BE/OBJ NO: NPIC NO : - 25X1
IDHS CODE: EPF CAT : 25H COMIREX NO: 25X1
FIER EW RADAR FACILITY AL 404400N 0193100E 25X1
WAC NO : 0322 BE/OBJ NO: NPIC NO : - 25X1
IDHS CODE: EPF CAT : 25A COMIREX NO: 25X1

FIER EW FACILITY AND BEROT/STALIN AIRFIELD EW FACILITY IN ALBANIA WERE SEARCHED FOR THE PRESENCE OF CROSS LEG AND RICE CUP RADARS. BOTH TYPES OF RADAR WERE OBSERVED AT THE FIER EW FACILITY, BUT NEITHER WERE PRESENT AT BEROT/STALIN AIRFIELD EW FACILITY.*

NPIC MEMO 29 OCT 79 SEC CLASS: 14B MSN: 0001P ACCN: 5088706 25X1

KSTOVO IONOSPHERIC HEATER ANTENNA SEARCH UR 5611 N 04411 E 25X1
WAC NO : 0155 BE/OBJ NO: NPIC NO : - 25X1
IDHS CODE: EPF CAT : 25 COMIREX NO: 25X1

AF ENDR 04527-79 31 OCT 79 SEC CLASS: 13 MSN: 0001P ACCN: 5088707 25X1

MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88 UR 555517N 0374805E 25X1
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 25X1
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 47 25X1
IDHS CODE: EPF CAT : 40H COMIREX NO: 25X1

107
TOP SECRET CRESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-617.*

AF ENDR C4535-79 07 SEP 79 SEC CLASS: 14 MSN: 0001P ACCN: 508870
SPACE, COSMOS-1106 UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40H COMIREX NO:

25X1

AF ENDR C6543-1-78 07 SEP 79 SEC CLASS: 13 MSN: 0001P ACCN: 508871
NENOKSA NAVAL MIC TRACKING FACILITY UR 643807N 0390924E
WAC NO : 0092 BE/OBJ NO: NPIC NO : - 21-A1
IDHS CODE: EPF CAT : 25C COMIREX NO:

25X1
25X15X1

THIS DRAWING SUPPLEMENTS PAR'S 78-693 AND 79-673 AND SUPERSEDES 70C6553/5.*

AF ENDR D6564-79 SEP 79 SEC CLASS: 13 MSN: 0001P ACCN: 508871
NASOSNY AIRFIELD AIRCRAFT ENGINE TEST FLDG UR 403534N 0493322E
WAC NO : 0325 BE/OBJ NO: NPIC NO : - 43
IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR-660.*

AF ENDR D6511-3-73 29 JUN 79 SEC CLASS: 13 MSN: 0001P ACCN: 508871
RAMENSKOYE FLIGHT TEST CENTER AREA 5 UR 553238N 0380710E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 50-05
IDHS CODE: EPF CAT : 056 COMIREX NO:

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR'S 77-630, 78-566 AND 79-620.*

AF ENDR E3507-1-78 29 JUN 79 SEC CLASS: 13 MSN: 0001P ACCN: 508871
RAMENSKOYE FLIGHT TEST CENTER AREA 5 UR 553238N 0380710E

25X1

165
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 50-05
 IDHS CODE: [] EPF CAT : 050 COMIREX NO: []

25X1

25X1

THIS DRAWING SUPPLEMENTS PAR 79-20.*

DIA IIR Sbl-73702-79 29 OCT 79 [] SEC CLASS: 140 MSN: [] 0002P

ACCN: 5088717 25X1

STARAYA KUKA ORDNANCE DEPOT SW1

UR 514435N 1130110E

WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 26-0
 IDHS CODE: [] EPF CAT : 35F COMIREX NO: []

25X1

25X1

STARAYA KUKA CW DEPOT PROD

UR 514401N 1130042E

WAC NO : 0201 BE/OBJ NO: [] NPIC NO : - 26
 IDHS CODE: [] EPF CAT : 130 COMIREX NO: []

25X1

25X1

25X1

DIA IIR Sbl-73679-79 29 OCT 79 [] SEC CLASS: 140 MSN: [] 0002P

ACCN: 5088719 25X1

KOZLE AMMUNITION STORAGE FACILITY 500

PL 502004N 0180936E

WAC NO : 0232 BE/OBJ NO: [] NPIC NO : - 76-02
 IDHS CODE: [] EPF CAT : 35F COMIREX NO: []

25X1

25X1

DIA IIR Sbl-73650-79 29 OCT 79 [] SEC CLASS: 140 MSN: [] 0005P

ACCN: 5088720 25X1

NALCHIK ARMY BARRACKS NE AL1

UR 432957N 0433816E

WAC NO : 0325 BE/OBJ NO: [] NPIC NO : - 42-0
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1

25X1

DIA IIR Sbl-73691-79 29 OCT 79 [] SEC CLASS: 140 MSN: [] 0004P

ACCN: 5088721 25X1

CHUGUYEV MILITARY DEPOT SE BX1

UR 494657N 0364442E

WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 5-H
 IDHS CODE: [] EPF CAT : 35F COMIREX NO: []

25X1

25X1

DIA IIR Sbl-73510-79 29 OCT 79 [] SEC CLASS: 140 MSN: [] 0002P

ACCN: 5088722 25X1

KREGICHEVKA ORDNANCE DEPOT D01

UR 491617N 0354453E

WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 14
 IDHS CODE: [] EPF CAT : 35F COMIREX NO: []

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

DIA IIM 5b1-73683-79 29 OCT 79 [] SEC CLASS: 14B MSN: [] 0003P ACCN: 508872 25X1
KLETSK MILITARY DEPOT
WAC NO : 0168 BE/OBJ NO: [] UR 530430N 0263840E
IDHS CODE: [] EPF CAT : 35F NPIC NO : - 201-B 25X1
COMIREX NO: [] 25X1

DIA IIM 5b1-73695-79 29 OCT 79 [] SEC CLASS: 14B MSN: [] 0001P ACCN: 508872 25X1
ALMA ATA MILITARY STORAGE DEPOT CHEMOLGAN
WAC NO : 0329 BE/OBJ NO: [] UR 432257N 0763627E
IDHS CODE: [] EPF CAT : 35F NPIC NO : - 1-J3 25X1
COMIREX NO: [] 25X1

DIA IIM 5b1-73692-79 26 OCT 79 [] SEC CLASS: 14D MSN: [] 0001P ACCN: 508872 25X1
IRKUTSK ORDNANCE DEPOT BATAREYNAYA DO1
WAC NO : 0200 BE/OBJ NO: [] UR 522250N 1040923E
IDHS CODE: [] EPF CAT : 35F NPIC NO : - 4-S 25X1
COMIREX NO: [] 25X1

DIA IIM 5b1-73685-79 26 OCT 79 [] SEC CLASS: 14B MSN: [] 0001P ACCN: 508872 25X1
OMSK ORDNANCE + AMMUNITION DEPOT
WAC NO : 0163 BE/OBJ NO: [] UR 550052N 0732337E
IDHS CODE: [] EPF CAT : 35F NPIC NO : - 5-F 25X1
COMIREX NO: [] 25X1

25X1

170
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
ZS^1

25X1

NPIC IAR IARA083-79 NOV 79 SEC CLASS: 14B MSN: 0002P

ACCN: 5088821 25X1

KUYVOZI SIGINT SITE DO-EL-02 ESM RADAR POSS UR 602800N 0302500E
WAC NO : 0103 BE/OBJ NO: NPIC NO : - 50-T1
IDHS CODE: EPF CAT : 25A COMIREX NO:

25X1
25X1

THE DO-EL-02 POSSIBLE ELECTRONICS SUPPORT MEASURE INTERCEPT SYSTEM HAS BEEN OBSERVED AT THE NEWLY IDENTIFIED KUYVOZI POSSIBLE SIGINT SITE IN THE LENINGRAD MILITARY DISTRICT OF THE USSR. THIS IS THE FIRST FIELD DEPLOYMENT OF THE DO-EL-02 SYSTEM. THE SITE IS AT 60-28-00N 030-25-00E, APPROXIMATELY 27 NAUTICAL MILES (NM) NORTH OF LENINGRAD AND 5.5 NM NORTH-NORTHEAST OF KUYVOZI.

25X1

171
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC MCS MCS000-79 OCT 79 SEC CLASS: 14 MSN: 0050P

ACCN: 508825 25X1
25X1

MCS 1215-4
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 60A COMIREX NO:

NPIC MEMO 26 NOV 79 SEC CLASS: 14D MSN: 0004P

ACCN: 508901 25X1
25X1

KRASNAYA RECHKA COMMAND CNTL RDO FAC BKR U/I UR 482040N 1350730E
WAC NO : 0204 BE/OBJ NO: NPIC NO : - 7-29
IDHS CODE: EPF CAT : 25D COMIREX NO:
KASNAYA RECHKA RADCOM STATION UR 481958N 1350653E
WAC NO : 0204 BE/OBJ NO: NPIC NO : - 7-W4
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1
25X1

25X1
25X1

IMAGERY OF KRASNAYA RECHKA RADIO COMMUNICATIONS STATION AND KRASNAYA RECHKA U/I CC RAD FAC/RNK WAS
REVIEWED TO DETERMINE A POSSIBLE ASSOCIATION BETWEEN THE FACILITIES. THE TWO FACILITIES WERE FOUND TO BE
ACTUALLY THE SAME, THEREFORE NPIC WILL DELETE KRASNAYA RECHKA RADIO STATION FROM THE IDF.*

172
TOP SECRET CHESS RUFF

25X1

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7

TOP SECRET



TOP SECRET

Sanitized Copy Approved for Release 2010/06/11 : CIA-RDP80T00556A000100260001-7