

Top Secret



PHOTOGRAPHIC
EXPLOITATION
PRODUCTS

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

[Redacted]
[Redacted]
[Redacted]
(see inside cover)

25X1

**MONTHLY INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
JULY 1978**



Top Secret

[Redacted]
AUGUST 1978
Copy **10**
PEP-007/78

25X1
25X1

Warning Notice
Sensitive Intelligence Sources and Methods Involved
(WNINTEL)

NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions

Exempt from General Declassification Schedule of E.O. 11652, exemption category: 5B(2) Automatically declassified on: <i>date impossible to determine</i>
--

25X1

DISSEMINATION CONTROL ABBREVIATIONS

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

Top Secret CHESS RUFF

25X1
25X1

PHOTOGRAPHIC EXPLOITATION PRODUCTS

**MONTHLY INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
JULY 1978**

AUGUST 1978

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

25X1

Top Secret

Top Secret CHESS RUFF [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	27
Part III. Listing of Reports by General Subject	41
Part IV. Listing of Reports by Coordinates	67
Part V. Listing of Reports by WAC/BE Number	87
Part VI. Listing of Reports by Accession Number	107

Reverse side blank

- iii -

Top Secret

25X1

Top Secret CHESS RUFF [redacted]
[redacted]

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, and foreign governments, as well as those produced by NPIC. At the request of COMIREX/NIDBWG, this publication is compiled and published monthly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

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

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

Reverse side blank

- v -

Top Secret

25X1

Top Secret CHESS RUFF [redacted]

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.

TYPICAL ACCESSION CITATION

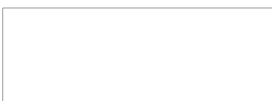
NPIC BIIR RCA07-0057-73 SEP 72 [redacted] SEC CLASS: 13 [redacted] 5P ACCN: S059346
 CHUNGWEL EXPLOSIVES STORAGE AREA CH 373500N 1053800E
 [redacted] NPIC NO : -62
 COMIREX NO:

25X25X1
25X1

Chung-wei Explosives Storage Area is 22 nautical miles (nm) northeast of Chung-wei and 62 nm southwest of Yin-chuan. The installation is a major explosives storage area which contains 87 underground storage buildings. It is both road and rail served. A rail transshipment point is less than 1 nm south of the area.

COMMENTS AND QUERIES REGARDING THIS REPORT ARE WELCOMED.
THEY MAY BE DIRECTED TO NPIC/PSG/RSD/IB/RAS, [redacted]

25X1
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

25X1
25X1

ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

AF - AIR FORCE

NSA - NATIONAL SECURITY AGENCY

ARMY - ARMY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

[Redacted]

[Redacted]

25X1

SAC - SAC (544th RTS)

CIA - CENTRAL INTELLIGENCE AGENCY

SAC-1 - SAC-1 (8th RTS)

DIA - DEFENSE INTELLIGENCE AGENCY

SAC-2 - SAC-2 (3921 ST RTS)

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

SAC-C - SAC-C (15th RTS)

[Redacted]

STL - SPACE TECHNOLOGY LABORATORY

25X1

JOINT - JOINT (2 or more USIB members participating)

[Redacted]

25X1

NATO - NORTH ATLANTIC TREATY ORGANIZATION

USIB - UNITED STATES INTELLIGENCE BOARD

NAVY - NAVY

[Redacted]

25X1

Top Secret CHESS RUFF

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.

Reverse side blank

- xi -

Top Secret

25X1

PART I

Listing of Reports Alphabetically

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
ADUWA INFANTRY BRIGADE PROB DEPLOYED	ET	140930N 0385330E	5084172
AIRCRAFT, AIRFRAME PLANTS ASSEMBLY BLDGS COMP	UR		5084011
AIRCRAFT, AIRFRAME PLTS FINAL ASRLY CPLXS U/C	UR		5083823
AIRCRAFT, BACKFIRE B DPL CHARACTERISTICS	UR		5083986
AIRCRAFT, BADGER G TU-16 RADOME NEW	UR		5083965
AIRCRAFT, CANDID IL-76			5083881
AIRCRAFT, CHECH A	UR		5084116
AIRCRAFT, CHUCK A	UR		
AIRCRAFT, CLINE A AN-32	UR		5083964
AIRCRAFT, CLODBER A YAK-42 SWEEP WING VERSION	UR		5083927
AIRCRAFT, COALER A AN-72 DIMENSIONS	UR		5083890
AIRCRAFT, FITTER 5-METER FUEL TANK	UR		5083967
AIRCRAFT, FORGER A YAK-36	UR		5083935
AIRCRAFT, FORGER B	UR		5083934
AIRCRAFT, FOXBAT MIG-25 MODIFIED	UR		5083932
AIRCRAFT, KASF B	UR		5083936
AIRCRAFT, LRA WINTER ARCTIC TRAINING	UR		5083955
AIRCRAFT, NAN A SERIES PRODUCTION	CH		5083998
AIRCRAFT, RAM H MOCK-UP PROB	UR		5084208
AIRCRAFT, RAM K	UR		5084065
AIRCRAFT, RAM K FIGHTER NEW PROB	UR		5083743
AIRCRAFT, R+D/PROD FACILS ROOF AREA INCREASE	UR		5083898

1

TOP SECRET CHESS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S083925
AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S083902
AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY	UR	482220N 0465830E	S083908
AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY	UR	482220N 0465830E	S083903
AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S083925
AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S083902
ALEYSK ICBM COMPLEX CP BUNKERED COMSAT FACIL	UR	522922N 0824457E	S083883
AMDERMA AIRFIELD AA-5 ACTIVITY	UR	694553N 0613400E	S084066
AMDERMA AIRFIELD AA-5 ACTIVITY	UR	694553N 0613400E	
ANADYR AIR DEFENSE ZONE AREA STUDY	UR	6446 N 17737 E	S083984
ANASTASYEVKA RADIO COMMO RCVR STA COMSAT FACS	UR	483547N 1353429E	S083883
ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA	UR	464617N 0612048E	S084072
ARSENYEV AIRFRAME PLANT 116	UR	440859N 1331523E	S084075
ARTEM ARMY BARRACKS AL4	UR	432200N 1321600E	S083716
ASEB PORT FACILS PASSENGER SHIP AFRICA CUBA	ET	130030N 0424530E	S084179
ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	ET	130030N 0424530E	S084180
ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	ET	130030N 0424530E	
AXUM AIRFIELD INFANTRY BRIGADE PROB	ET	140715N 0384300E	S084204
AXUM AIRFIELD INFANTRY BRIGADE PROB	ET	140715N 0384300E	
AXUM AIRFIELD INFANTRY UNIT DEPLOYED	ET	140715N 0384300E	S084173
AXUM AIRFIELD INFANTRY UNIT DEPLOYED	ET	140715N 0384300E	
BAGRATIONOVSK ARMY BKS KGB/SIGNAL UNITS SRCH	UR	542242N 0203739E	S084187
BAHIA DE PORTLE NARCOTICS TRANSSHIPMENT AREA	CO	121030N 0715530W	S084176

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

ZS/A

SUBJECT	COUN	COORD	ACCN NO.
BAHIA DE PORTETE NARCOTICS TRANSSHIPMENT AREA	CO	121030N 0715530W	
BAKHCHISARAY NAVAL RADCOM RCVR STA COMSAT FAC	UR	444440N 0333640E	5083883
BALAKLAVA MTC SLBM TRANSPORTERS	UR	443014N 0333122E	5084123
BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	UR	543818N 0195659E	5084057
BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	UR	543818N 0195659E	
BALTIYSK NAVAL BASE 820B CLASS LPD IDENT	UR	543825N 0195445E	5084067
BATUMI ARMY BARRACKS SOUTH AL3	UR	413547N 0413811E	5084082
BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	UR	505500N 1283015E	5084062
BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	UR	505500N 1283015E	
BELOOMUT COMSAT STATION	UR	545740N 0392600E	5083883
BIELSKO BIALA ARMY BARRACKS 2	PL	494710N 0190349E	5084222
BIYSK SOLID MOTOR TEST AREA 2 SS-NX-17 EQUIP	UR	523119N 0850154E	5083867
BOLSHAKOVO KGB/SIGNAL UNITS SEARCH	UR	5453 N 02140 E	5084187
BUENOS AIRES COMMUNICATIONS FACILITIES	AR	3436 S 05827 W	5083954
BUZICA AIR FORCE SCHOOL POSS	CZ	483210N 0210430E	5084217
CHENGTU STEEL TUBE PLANT	CH	303820N 1040640E	5083731
CHERNYAKHOVSK MILITARY INSTLS MRD UNITS POSS	UR	5439 N 02149 E	5083863
CHIANGYU IRON + STEEL PLANT	CH	314535N 1044540E	5083731
CHICHIANG IRON + STEEL PLANT SANCHICHANG	CH	285627N 1064153E	
CHITA SRF ARMY COMMAND POST COMSAT FACILS MBL	UR	520905N 1133215E	5083883
CHITA SRF ARMY HQ RADIO COMMO XMTR BKR HARD	UR	520324N 1131137E	
CHIUMENGCHIN SSM FIELD POSITION	CH	344809N 1124025E	5083884
CHUNGCHING IRON + STEEL PLANT 1	CH	292853N 1062928E	5083731
CHUNGCHING IRON + STEEL PLANT 2	CH	293530N 1062640E	
CHUNGCHING IRON + STEEL PLANT 3	CH	293440N 1063245E	

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
23A1

SUBJECT	COUN	COORD	ACCN NO.
CHUNGCHING STEEL PLANT LIUCHIAPU	CH	292642N 1062904E	
CHUNGSAN UP AAA EXERCISE	KN	390710N 1251715E	S083818
CIENFUEGOS NAVAL ACTIVITY/CONSTRUCTION	CU	2209 N 08027 W	S084002
DARASUN COMSAT STATION	UR	512820N 1135140E	S083883

25X1

DERAZHNYA SSM COMPLEX	UR	491254N 0270818E	S083931
DERAZHNYA SSM COMPLEX ICBM SITES ANTS BURIED	UR	491254N 0270818E	S083891
DIMASHQ MILITARY INSTLS RIFAAT ASAD FORCE	SY	3330 N 03618 E	S084125
DOBROALEKSANDROVKA RADCOM RCVR KGB COMSAT FAC	UR	462010N 0303310E	S083883
DOMBAROVSKIY ICBM COMPLEX CP BKR COMSAT FACS	UR	510146N 0595227E	
DROVYANAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	513310N 1130152E	

25X1

DROVYANAYA SSM COMPLEX ICBM SITES ANTS BURIED	UR	512743N 1131147E	S083891
EL UOTIA AIRFIELD MIRAGE F-1 IDENTIFICATION	LY	322805N 0115346E	S084209

25X1

ELECTRONICS, ANTENNAS HARD PHASE 2 ICBM CPLXS	UR		S083732
ELECTRONICS, BAR BRICK RADAR MODIFICATIONS	UR		S083992
ELECTRONICS, COMMAND CNTRL ACT SS-16/20 ASSOC	UR		S083820
ELECTRONICS, COMMAND CNTRL COMMO SIGNAL UNITS	UR		S083983
ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	BU		
ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	RO		

25X1

ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	PL		
ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	CZ		
ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	HU		
ELECTRONICS, COMMO EQUIP SOV AFLD SRCH	ET		S083953

25X1

4
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
ZNAI

SUBJECT	COUN	COORD	ACCN NO.
---------	------	-------	----------

25X1

ELECTRONICS, COMSAT FACILITIES MILITARY ASSOC	UR		
ELECTRONICS, COMSAT FACILITIES MILITARY ASSOC	CZ		
ELECTRONICS, COMSAT STATIONS TYPE D	UR		S084021
ELECTRONICS, LW RADAR SYSTEMS	CH		S083993
ELECTRONICS, ICBM TYPE 3X LCF SITE PLANS	UR		S083929
ELECTRONICS, MICROWAVE ANTENNAS SAM SITES	UR		S084022
ELECTRONICS, NAN CHING A RADAR DEPLOYMENT	CH		S083988
ELECTRONICS, PAT HAND RADAR	UR		S083961

25X1

ELECTRONICS, SPACE TRKG DUAL-DOMED BLDGS SRCH	UR		S083896
ELECTRONICS, WASHER ANTENNAS SS-11/19 CPLXS	UR		S083887
ELECTRONICS, 4-DISH ANTENNA NAVAL ASSOCIATED	UR		S083963
EMBA MTC COMPLEX A SA-6 PROB ANALYSIS	UR	483103N 0580207E	S084117
EMBA MTC COMPLEX B/C SAM ACTIVITY	UR	483103N 0580207E	S084016
EMBA MTC COMPLEX C TEL/CANISTER DIMENSIONS	UR	483103N 0580207E	S084028
EMBA MTC LAUNCH COMPLEX SA-X-11 TEL NEW	UR	483103N 0580207E	S083893
EMBA MTC OPERATIONS SUPT AREA SA-X-11 TEL NEW	UR	4842 N 05805 E	
EMBA MTC OPERATIONS SUPT AREA SA-9 TEL SRCH	UR	4842 N 05805 E	S084016
FRUNZE AVTOKOLONNA 2901	UR	425145N 0743109E	S083933
GALENKI ESV TRACKING/MOLNIYA FACILITY	UR	440130N 1314545E	S083883
GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA	PL	542207N 0183844E	S083869
GENERAL, CIVIL DEFENSE FACs PHOTO SIGNATURES	UR		S083877

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
GENERAL, CIVIL DEFENSE SHELTERS NUC IND RLTD	UR		S083873
GLADKAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	561419N 0921918E	S083883
GLADKAYA SSM COMPLEX ICBM SITE ANTS BURIED	UR	562324N 0922841E	S083891
GOLENIOW ARMY BARRACKS NE	PL	533610N 0145510E	S084246
GOLENIOW MILITARY STORAGE FACILITY	PL	533510N 0145542E	
GOLENIOW PETROLEUM PRODUCTS STORAGE NORTH	PL	533656N 0144923E	
GOLITSYNO RADIO COMMO RECEIVER CPLX ORBITA	UR	553525N 0370301E	S083883
GOLOVINO LASER TEST RANGE	UR	555404N 0401901E	S084071
GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	UR	555404N 0401901E	S083746
GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	UR	555404N 0401901E	
GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	ET	123052N 0372644E	S084212
GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	ET	123052N 0372644E	
GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	UR	561448N 0435341E	S084110
GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	UR	561448N 0435341E	
GORKIY/SORMOVO RADAR ASSEMBLY + TEST AREA	UR	561925N 0434842E	S084004
GUS KHRUSTALNYY COMSAT STATION CENTRAL	UR	553444N 0405418E	S083883
HAERHPIN AMMUNITION PLANT	CH	454815N 1264258E	S083722
HAIYEN/KOERHMU RAIL LINE TRACK NEW	CH	371115N 1002430E	S083951
HALMEU/VINOGRADOV RAIL LINES XLDG FACILS	RO	475902N 0225950E	S084084
HSIAN AVIATION INSTITUTE WIND TUNNEL	CH	341451N 1085425E	S083922
HSICHANG IRON + STEEL PLANT	CH	275345N 1021345E	S083731
HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	CH	410120N 1001312E	S083897
HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	CH	410120N 1001312E	
HUNGTANG RADIO RELAY STATION BUNKERED	CH	255518N 1130010E	S083958

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
IMAN ARMY BARRACKS EAST AL7	UR	455410N 1335020E	S083717
IMENI GASTELLO ICBM COMPLEX CP BKR COMSAT FAC	UR	510728N 0662026E	S083883
INDUSTRY, IRON + STEEL PLANTS KUEICHOUSHENG	CH		S084003
INDUSTRY, IRON + STEEL PLANTS SSUCHUANSHENG	CH		S083731
INDUSTRY, OIL EXPLORATION DEVELOPMENTS	KN		S083996
IRKUTSK AIR DEFENSE ZONE AREA STUDY	UR	5216 N 10422 E	S083982
IRKUTSK AVTOKOLONNA 1257	UR	521831N 1041805E	S084185
IRKUTSK AVTOKOLONNA 1258	UR	521819N 1041743E	S084186
IRKUTSK COMSAT STATION NNE	UR	522339N 1042223E	S083883
IRKUTSK COMSAT STATION NORTH	UR	522354N 1042236E	
ISHIM ARMY BARRACKS AL1	UR	560640N 0692820E	S083944
IVANKOVO ELECTRONICS R+D FACILITY PROB	UR	564350N 0370600E	S083883
[REDACTED]			
KALAHARI NUCLEAR TEST DRILL SITE DISMANTLED	SF	274527S 0212655E	S084061
KALAHARI NUCLEAR TEST INSTR SITE DISMANTLED	SF	274717S 0212910E	
KALAHARI NUCLEAR TEST TOWER SITE DISMANTLED	SF	274604S 0212759E	
KALININGRAD COMMAND CONTROL FACS NORTH COMSAT	UR	545720N 0201645E	S083883
KANDALAKSHSKIY ZALIV SOUND TRIALS RANGE	UR	663121N 0345353E	S083872
KAPUSTIN YAR MTC	UR	484107N 0455853E	S083894
KAPUSTIN YAR MTC MRBM/IRBM TRNG MAZ VEH IDENT	UR	483647N 0460935E	S083821
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	S083925
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	S083902
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	
KARTALY ICBM COMPLEX COMD POST BKR COMSAT FAC	UR	530222N 0603634E	S083883

25X1

7

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
KAZAN AIRFRAME PLANT GORBUNOV 22	UR	555140N 0490700E	S084029
KAZAN AIRFRAME PLANT GORBUNOV 22	UR	555140N 0490700E	S084011
KAZAN AIRFRAME PLANT GORBUNOV 22 EXPANSION	UR	555140N 0490700E	S083823
KAZAN AVTOKOLONNA 1186 SEARCH	UR	555011N 0490511E	S084224
KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084045
KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084043
KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084042
KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084030
KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084045
KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084044
KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084042
KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084031
KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084030
KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	UR	550030N 0604445E	S084138
KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	UR	550030N 0604445E	
KHABAROVSK RADIO COMMO RCVR KGB COMSAT FAC	UR	482809N 1351524E	S083883
KHMELNITSKIY ICBM COMPLEX CP BKR COMSAT FACS	UR	492329N 0270403E	
KIYEV AERODYNAMIC TEST FACILITY	UR	504450N 0303120E	S083892
KIYEV AERODYNAMIC TEST FACILITY	UR	504450N 0303120E	S083913
KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	UR	552130N 0373220E	S083889
KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	UR	552130N 0373220E	S083911
KOERHMU/HAIYEN RAIL LINE TRACK NEW	CH	3625 N 09453 E	S083951

8

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
KOLOMNA RADCOM XMTR GENERAL STAFF COMSAT FACS	UR	545930N 0385650E	S083883
KOLUSZKI ORDNANCE DEPOT WEST 503	PL	514309N 0194155E	S084248
KOLWLZI WAR DAMAGE	CG	104400S 0252800E	S084063
KOMSOMOLSK COMSAT CONTROL STATION KHURMULI	UR	510142N 1364950E	S083883
KOMSOMOLSK COMSAT STATION NW	UR	504140N 1364455E	
KOMSOMOLSK SHIPYARD ANUR 199	UR	503232N 1370248E	S083777
KONOJEDY CASTLE ENGINEER BRIDGING EQUIP STGE	CZ	503825N 0142115E	S084083
KOSTROMA ICBM HQ RADCOM RCVR BKR COMSAT FACS	UR	575237N 0411628E	S083883
KOZELSK ICBM HQ RADCOM RCVR BKR COMSAT FACILS	UR	540358N 0354620E	
KOZELSK SSM COMPLEX ICBM SITES ANTS BURIED	UR	540734N 0352922E	S083891
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083886
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083885
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083919
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083915
KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	UR	594312N 0295120E	S084141
KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	UR	594312N 0295120E	
KRYNKI/VOLKOVYSK RAIL LINE TRANSLOADING FACS	PL	530510N 0234840E	S084081
KUEIYANG IRON + STEEL PLANT	CH	263320N 1064358E	S084003
KUNGHSIEN IRON PLANT	CH	282330N 1044700E	S083731
KUNMING SSM FIELD POSITION LAUNCH PAD MODIF	CH	245208N 1025347E	S084183

25X1

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60	UR	552545N 0651735E	5084110
KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60	UR	552545N 0651735E	
KUSTANAY AIRFIELD WEST AIRCRAFT COUNT	UR	531226N 0633252E	5084142
KUYBYSHEV AIRFRAME PLANT LENIN 18 ASBLY BLDG	UR	531300N 0501814E	5084011
KUYBYSHEV AIRFRAME PLANT LENIN 18 EXPANSION	UR	531300N 0501814E	5083823
KYSHTYM NUCLEAR FUEL REPROCESSING PLANT U/C	UR	5543 N 06047 E	5084108

25X1

LENINGRAD AIRCRAFT ENGINE PLANT 117	UR	595851N 0302023E	5083946
LENINGRAD AVIATION ELCT PROD TECH INST IDENT	UR	595735N 0302120E	5084020
LENINGRAD AVIATION ELCT PROD TECH INST 17	UR	595735N 0302120E	5084026
LENINGRAD AVTOKOLONNA 2928	UR	401455N 0694140E	5084137
LENINGRAD EXPLOSIVES R+D PLT PRPLN MFG SRCH	UR	600520N 0302910E	5084151
LENINGRAD EXPLOSIVES R+D PLT PRPLNT MFG SRCH	UR	600520N 0302910E	
LENINGRAD NAVAL COMMO R+D FACILITY SEARCH	UR	5954 N 03023 E	5084124
LENINGRAD SHIPYARD ZHDANOV 190A CL CRUISER	UR	595233N 0301406E	5084076
LENINGRAD SPACE TRACKING FACILITY	UR	594300N 0301000E	5083883
LIPETSK TRACTOR PLANT	UR	523304N 0393451E	5083613

25X1

LOURENCO MARQUES AIRFIELD HIP MI-8 IDENT	MZ	255516S 0323410E	5084175
LUBLIN MILITARY WAREHOUSE STORAGE NORTH 1	PL	512230N 0224030E	5084184

25X1

LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	5083907
---------------------------------	----	------------------	---------

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	5084027
LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	
LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	5083907
LUSTENICE COMSAT STATION CGF	CZ	501850N 0145510E	5083883
LYALICHI ARMY BARRACKS AL1	UR	440138N 1322346E	5083714
LYALICHI ARMY BARRACKS AL2	UR	440238N 1322627E	5083715
MANDALGOVI ARMY BARRACKS AL1	MG	454459N 1061443E	5084136
MCS 1214-1			5083942
MILITARY, AAA EQUIPMENT SEARCH SAM SITES	UR		5084022
MILITARY, ARMOR ACTIVITY JANUARY 77-MARCH 78	CH		5083874
MILITARY, BRIDGE MEDIUM CLASS NEW PROB	UR		5083875
MILITARY, BTR-60 APC PRODUCTION STATUS	UR		5084110
MILITARY, FIELD ARTILLERY WEAPON TOWED NEW	UR		5084107
MILITARY, GROUND FORCES REALIGNMENT KIEV MD	UR		5083875
MILITARY, LASER R+D FACILS ROOF AREA INCREASE	UR		5083898
MILITARY, MAZ-TYPE VEH 5-AXLE NEW	UR		5083821
MILITARY, MRL NEW KRAZ-214 MOUNTED	KN		5083949
MILITARY, MT-55 TANK LAUNCHED BRIDGE	CZ		5083875
MILITARY, M-1977 240MM SELF-PROPELLED MORTAR	UR		5083734
MILITARY, TRAINING EXERCISES	KN		5083818
MILITARY, 140MM MRL 12/75 GAZ-66 MOUNTED	UR		5084078
MILITARY, 240MM SELF-PROPELLED MORTAR NEW	UR		5084080

TOP SECRET CHESS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
MILITARY, 68TH ARMY SHENYANG MILITARY REGION	CH		5084126
MISHELEVKA HEN HOUSE RADAR FACIL COMSAT FACIL	UR	525232N 1031536E	5083883
MISSILES, AA-7 WEAPON SYSTEM EVALUATION MSL	UR		5083960
MISSILES, AA-6 WEAPON SYSTEM EVALUATION MSL	UR		
MISSILES, ACTIVITY SUMMARY SALT RELATED	UR		5084118
MISSILES, AS-6	UR		5083962
MISSILES, ATBM SYSTEM NEW	UR		5083987
MISSILES, CSS-1/2 AZIMUTHS PHOTO INDICATIONS	CH		5083824
MISSILES, CSS-2	CH		5083928
MISSILES, CSS-2	CH		5083895
MISSILES, ICBM TYPE 3C/3F SILO CONVERSION	UR		5083937
MISSILES, ICBM TYPE 3D SILO CONSTRUCTION	UR		5084046
MISSILES, ICBM TYPE 3D SILO CONSTRUCTION	UR		5084017
MISSILES, ICBM TYPE 3F SITE NEW-START RECOG	UR		5083916
MISSILES, NAVAL CRUISE MISSILE DEVELOPMENTS	CH		5083956
MISSILES, R+D/PROD FACILS ROOF AREA INCREASE	UR		5083898
[REDACTED]			
MISSILES, SAM SITES AAA EQUIPMENT SEARCH	UR		5084022
MISSILES, SA-x-11 NAV VAR POSS KASHIN DDG MTD	UR		5083989
MISSILES, SS-NX-17 TRANSPORTERS	UR		5084123
MISSILES, SS-N-6 TRANSPORTER MODIFIED POSS	UR		
MISSILES, SS-N-8 TRANSPORTERS	UR		
MISSILES, SS-11 MOD 1 REENTRY VEHICLE DMNS	UR		5084120

25X1

12
TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COUN	COORD	ACCN NO.
MISSILES, SS-7/8/9/11 AIRFRAMES SURPLUS STGE	UR		S084111
MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	162630N 1113030E	S084085
MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	162630N 1113030E	
MOSKVA AIRCRAFT ENGINE PLANT 500 FLOORSPACE	UR	555005N 0372616E	S084150
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S084034
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S084019
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S084035
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S084018
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	UR	554700N 0373230E	S083906
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	UR	554700N 0373230E	S083910
MOSKVA GUIDED MSL PLT 82 RAM H MOCK-UP IDENT	UR	555023N 0372702E	S084208
MOSKVA SOLID MOTOR PROD PLANT SS-NX-17 EQUIP	UR	553648N 0375240E	S083867
MOSKVA/SHCHELKOVO ESV TRACKING FACILITY	UR	555644N 0375803E	S083883
MOSKVA/SHCHELKOVO ESV TRKG FAC DUAL-DOME BLDG	UR	555644N 0375803E	S083896
MOZYR MOBILE IRBM BASE NUC WHD HDLG FACIL U/C	UR	520210N 0291108E	S083819
MOZYR MRBM DIVISION HEADQUARTERS COMSAT STA	UR	520432N 0290625E	S083883
MURUNTAU GOLD ORE CONCENTRATION PLANT	UR	412830N 0643120E	S084121
NADYM TROPOSCATTER + RADIO RELAY STATION SW	UR	652924N 0723727E	S084169
NARO FOMINSK SRF RADCOM RCVR CPLX ORBITA STA	UR	551918N 0364749E	S083883
NAVAL, BALTIC FLEET COMBATANTS READINESS	UR		S084113
NAVAL, INSTALLATIONS	KN		S083995
NAVAL, R+D RESOURCES	UR		S083998

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
NIKOLAYEV SHIPYARD NORTHERN 61 KARA CLASS CG	UR	465840N 0320019E	S084058
NORILSK AIR DEFENSE ZONE AREA STUDY	UR	6921 N 08821 E	S083984
NOVOSIBIRSK AIR DEFENSE ZONE AREA STUDY	UR	5503 N 08323 E	S083982
NOVOSIBIRSK AVTOKOLONNA 1233	UR	545752N 0824918E	S084223
NOVOSIBIRSK MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	551904N 0831001E	S084213
NOVOSIBIRSK MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	551904N 0831001E	
NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	UR	440725N 1332810E	S083948
NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	UR	440725N 1332810E	
NUCLEAR, INDUSTRIAL PLANTS CIVIL DEF SHELTERS	UR		S083873
NURMALITSY AIRFIELD	UR	610244N 0325846E	S084220
OKBA IBN NAFA AIRFIELD AIRCRAFT DISPLAY	LY	325346N 0131632E	S084211
OLOVYANNAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	504925N 1154810E	S083883
OLOVYANNAYA ICBM RTP SS-11 NUCLEAR WHD CANS	UR	505056N 1155152E	S083905
OLOVYANNAYA SSM CPLX ICBM SITES ANTS BURIED	UR	505333N 1161013E	S083891
OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	545048N 0732420E	S083944
OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	545048N 0732420E	
OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	545048N 0732420E	
OMSK ARMY BARRACKS AL7	UR	545300N 0732018E	
OMSK ARMY BARRACKS AL9 + HEADQUARTERS TK DIV	UR	545740N 0732350E	
OMSK ARMY BARRACKS CENTRAL AL2	UR	545754N 0732306E	
OMSK ARMY BARRACKS SSE AL5	UR	545304N 0732936E	
OMSK SRF ARMY COMMAND POST BKR COMSAT FACILS	UR	550602N 0733456E	S083883
OMSK SRF ARMY HQ RADCOM XMTR BKR COMSAT FACS	UR	545613N 0740739E	
ORENBURG SRF ARMY HEADQUARTERS COMSAT STATION	UR	514648N 0551030E	
PAOTOU MISSILE + ARTILLERY PLANT 447	CH	404105N 1095235E	S084122
PAOTOU MISSILE + ARTILLERY PLANT 447	CH	404105N 1095235E	
PARATUNKA NAVAL RADCOM RCVR HARD COMSAT FAC	UR	530126N 1581434E	S083883

14

TOP SECRET CHESS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT COUN COORD ACCN NO.

25X1

PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	PF	163200N 1113602E	S084086
PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	PF	163200N 1113602E	
PAVLOGRAD SOLID MOTOR TEST FAC SS-NX-17 EQUIP	UR	482605N 0355817E	S083867
PECHORA PHASED-ARRAY RADAR FACILITY ANT MSRMT	UR	651230N 0571720E	S084024
PEICHING ELECTRONICS RSCH INST ACADY SCIENCE	CH	395901N 1161915E	S083923
PEICHING GUIDED MISSILE DPC WIND TUNNEL	CH	394849N 1160805E	S083922
PEICHING MECHANICS INSTITUTE	CH	395901N 1161915E	S083888
PEICHING MECHANICS INSTITUTE WIND TUNNEL	CH	395901N 1161915E	S083922
PEICHING MECHANICS INSTITUTE WIND TUNNEL	CH	395901N 1161915E	S083924
PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	UR	580145N 0561708E	S084107
PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	UR	580145N 0561708E	
PERM ICBM HEADQUARTERS RADCOM RCVR COMSAT FAC	UR	574550N 0561125E	S083883
PERM PROPELLANT MANUFACTURING FACIL SEARCH	UR	580215N 0555026E	S084151
PERM SSM COMPLEX ICBM SITE ANTENNAS BURIED	UR	573558N 0561511E	S083891
PERVOMAYSK ICBM COMPLEX CP BKR COMSAT FACILS	UR	480600N 0305207E	S083883
PERVOMAYSK SSM COMPLEX	UR	481224N 0305416E	S083930
PERVOMAYSK SSM COMPLEX ICBM SITE ANTS BURIED	UR	481224N 0305416E	S083891
PETROPAVLOVSK ARMY BARRACKS AL22 + HQ MRD	UR	530324N 1584957E	S083718
PETROPAVLOVSK ARMY BARRACKS AL24	UR	530344N 1583812E	S083721
PETROPAVLOVSK ARMY BARRACKS AL25	UR	525925N 1584558E	S083719

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
PETROPAVLOVSK ARMY BARRACKS AL26	UR	530159N 1584013E	S083720
PHOTO, INDICATIONS CSS-1/2 LAUNCH AZIMUTHS	CH		S083824
PHOTO, MULTIPLE ACQUISITION IMAGERY TECHNIQUE			S084071
[REDACTED]			
PLESETSK MTC	UR	625746N 0402346E	S083999
PLESETSK MTC SPACE SITE 3 REACTIVATION	UR	625733N 0404102E	S084109
POGRANICHNIYY ESV TRACKING MOLNIYA FACILITY	UR	530546N 1582039E	S083883
POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	UR	435700N 1314032E	S084021
POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	UR	435700N 1314032E	S084021
POLICHNYA COMSAT STATION SUSP	UR	553630N 0345450E	S083883
POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	UR	550941N 0265346E	S084205
POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	UR	550941N 0265346E	S084205
POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	UR	550941N 0265346E	S084177
POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	UR	550941N 0265346E	S084177
POSTAVY MOBILE IRBM BASE SS-20 DEPLOYMENT	UR	550941N 0265346E	S084174
POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	UR	550941N 0265346E	S084181
POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	UR	550941N 0265346E	S084181
POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	SF	263810S 0270255E	S083876
POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	SF	263810S 0270255E	S083876
PRAVAYA KHETTA TROPOSCATTER STATION	UR	655115N 0742854E	S084169
PROJECT GOALKEEPER XII			S083982
PROJECT GOALKEEPER XIV			S083984
PRZEMYSL ARMY BARRACKS	PL	494735N 0224605E	S084249
PRZEMYSL ARMY BARRACKS NORTH 1	PL	494741N 0224608E	S084249
PRZEMYSL ARMY BARRACKS PIKULICKIE	PL	494517N 0224722E	S084249
PRZEMYSL ARMY BARRACKS ZURAWICA 3	PL	494833N 0224845E	S084249

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCH NO.
PRZEMYSL RAILROAD ENGINEER BARRACKS 9	PL	494659N 0224830E	
PYONG NI RIVER CROSSING EXERCISE	KN	392140N 1255520E	5083818
PYONGYANG FIELD ARTILLERY EXERCISE	KN	390500N 1260540E	
PYONGYANG MANLUVER AREA SE TRAINING EXER	KN	385650N 1255400E	
RAMENSKOYE FLIGHT TEST CENTER AREA 2	UR	553424N 0380819E	5084033
RAMENSKOYE FLIGHT TEST CENTER AREA 2 MIKOYAN	UR	553424N 0380819E	5084014
RAMENSKOYE FLIGHT TEST CENTER AREA 2 SUKHOV	UR	553424N 0380819E	5084013
RAMENSKOYE FLIGHT TEST CENTER AREA 2 YAKOLEV	UR	553424N 0380819E	5084015
RAMENSKOYE FLIGHT TEST CENTER AREA 4	UR	553412N 0380728E	5083899
RAMENSKOYE FLIGHT TEST CENTER AREA 4	UR	553412N 0380728E	5083909
RAMENSKOYE FLIGHT TEST CENTER RAM K NEW	UR	553418N 0380923E	5084065
RAMENSKOYE FLIGHT TEST CENTER RAM K NEW PROB	UR	553418N 0380923E	5083743

25X1

KESHMA AIRFIELD	UR	572500N 0422820E	5084153
RIGA KGB/SIGNAL UNITS SEARCH	UR	5657 N 02406 E	5084187
ROMANOVKA AIRFIELD WEST VTOL PADS U/C	UR	431431N 1321930E	5084206

25X1

KOSTOV AIRFRAME PLANT 168	UR	471516N 0394318E	5084077
ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	504544N 0263218E	5084154
ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	504544N 0263216E	
ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	504544N 0263218E	
SAN ANTONIO DE LOS BANOS ALFD FLOGGER IDENT	CU	225216N 0823034W	5084064
SARAPULSKOYE RADIO COMMO RCVR STA COMSAT FACS	UR	485045N 1355825E	5083883

25X1

17
TOP SECRET CHESS RUFF

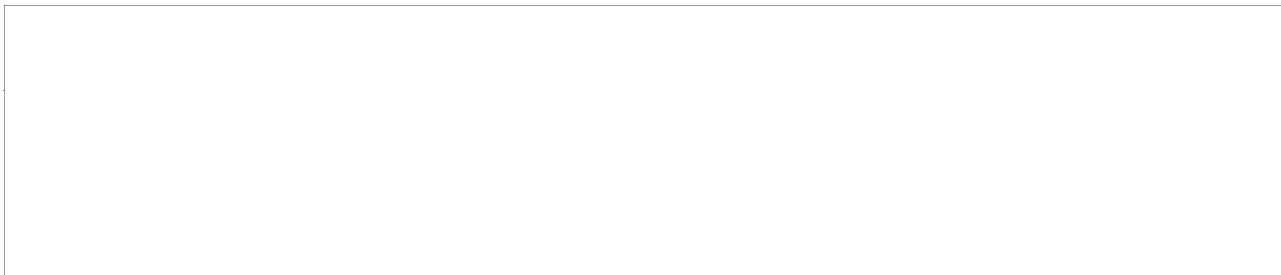
TOP SECRET CHESS RUFF

25X1
ZDAI

SUBJECT	COUN	COORD	ACCN NO.
---------	------	-------	----------

SARATOV AIRFRAME PLANT 292 EXPANSION	UR	512948N 0455703E	5083823
--------------------------------------	----	------------------	---------

25X1



SARY OZEK COMSAT STATION	UR	442500N 0775645E	5083883
SARY SHAGAN COMSAT STATION TYPE C	UR	463837N 0743105E	
SARY SHAGAN ESV TRACKING/MOLNIYA FACILITY	UR	455338N 0733727E	
SARY SHAGAN MTC COMPLEX F ABM RELATED ACT	UR	462629N 0725108E	5083744
SARY SHAGAN MTC R+D COMPLEX BLDG/CONDUIT U/I	UR	455200N 0733100E	5083918
SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	UR	455200N 0733100E	5083890
SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	UR	455200N 0733100E	5083920
SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	UR	455045N 0733104E	5084068
SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	UR	455045N 0733104E	5084203
SARY SHAGAN MTC R+D CPLX LINEAR TEST FAC SUSP	UR	455200N 0733100E	5083921
SARY SHAGAN MTC R+D RDR FAC PHASED-ARRAY RDR	UR	460010N 0733859E	5083733
SAYDA GUBA SUBMARINE BASE SSBN DEPARTURE	UR	691531N 0331923E	5084207
SEMIPALATINSK AIR DEFENSE ZONE AREA STUDY	UR	5022 N 08013 E	5083982

25X1

18
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT COUN COORD ACCN NO.

25X1

BERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	AG	365303N 0073822E	5084008
BERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	AG	365303N 0073822E	
SEVERODVINSK NAVAL BASE WEST	UR	643420N 0394551E	5083822
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	643445N 0394716E	
SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	643514N 0394907E	
SEVERODVINSK SHIPYARD YAGRY Y CL DISMANTLING	UR	643514N 0394907E	5084112
SEVERODVINSK SHIPYARD 402	UR	643438N 0394832E	5083822
SEVEROMORSK AIRFIELD NAVAL A/C DISPLAY PROB	UR	690152N 0332517E	5084210
SHCHUCHITY NAVAL RADCOM RCVR BKR COMSAT FACIL	UR	690232N 0333815E	5083883
SHENYANG AIRFRAME PLANT 112 WIND TUNNEL	CH	415209N 1232600E	5083922
SHIPS, KARA CLASS CG REFIT/MODIFICATION	UR		5084058
SHIPS, KASHIN CLASS DUG SA-X-11 NAV VAR ARMED	UR		5083989
SHIPS, PRODUCTION ACTIVITY	CH		5083988
SHIPS, SUBMARINE CONSTRUCTION 1977-1981	UR		5083994
SHIPS, 190A CLASS CRUISER	UR		5084076
SHUANGCHENGZU MTC REVETTED STORAGE/HOLG ANTS	CH	410822N 1001552E	5083897
SHUANGCHENGZU MTC SSM TRACKING FACILITY 01	CH	411947N 1002150E	5083901
SHUANGCHENGZU MTC SSM TRACKING FACILITY 02	CH	412400N 1002157E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 03	CH	412721N 1001333E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 04	CH	412844N 1000504E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 05	CH	413951N 0995737E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 06	CH	411548N 1002050E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 07	CH	411207N 1001200E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 08	CH	410749N 1000523E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 10	CH	411735N 1002000E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 11	CH	411755N 1001320E	

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
Z0A1

SUBJECT	COUN	COORD	ACCN NO.
SHUANGCHENGZU MTC SSM TRACKING FACILITY 12	CH	412145N 1001948E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 17	CH	403352N 0992705E	5083897
SHUANGCHENGZU MTC SSM TRACKING FACILITY 19	CH	412045N 1001943E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 20	CH	403830N 1000300E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 21	CH	402800N 0995500E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 22	CH	403715N 1002330E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 23	CH	405759N 1001448E	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 24	CH	404324N 0995939E	
SIMFEROPOL SPACE FLIGHT CENTER DISH ANTENNAS	UR	450326N 0335342E	5083883
SMIDOVICH SHELTER U/G RAILROAD CLF YARD ASSOC	UR	483530N 1334826E	5084221
SMIDOVICH SHELTER U/G RAILROAD CLF YARD ASSOC	UR	483530N 1334826E	
SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	UR	544910N 0320245E	5083823
SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	UR	544910N 0320245E	
SMORGON MOBIL IRBM BASE 1 U/C IDENT	UR	543151N 0261723E	5083745
SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	KN	394510N 1244915E	5083818
SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	KN	394510N 1244915E	
SPACE, AEROSPACE R+D MANAGEMENT SYSTEM	CH		5083985
SPACE, METEOR-2 METEOROLOGICAL SATELLITE	UR		5083766
SPACE, R+D FACILITIES ROOF AREA INCREASE	UR		5083898
SPACE, SALYUT-6 SPACE STATION	UR		5083917
SPACE, SL-11 LAUNCH VEHICLE	UR		5083912
SPACE, SL-12 FOURTH STAGE POSS	UR		5083904
SPACE, SL-12 PAYLOAD MEASUREMENT	UR		5084025
SRI HARIKOTA ISLAND ROCKET MTR TEST SLV-3 ACT	IN	134456N 0801412E	5084059
STARAYA RUSSA AIRFIELD	UR	575734N 0312255E	5084219

25X1

20

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
STRAZ POD RALSKEM ARMY BARRACKS 201	CZ	504150N 0144824E	5083864
STRAZ POD RALSKEM ARMY BARRACKS 202	CZ	504205N 0144820E	
STRELNA NAVAL COMMO R+D FACILITY SEARCH	UR	5951 N 03002 E	5084124
SUKHUMI AVTOKOLONNA 2654	UR	425942N 0405923E	5084140
SUKHUMI AVTOKOLONNA 2658	UR	430022N 0410007E	5084139
SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	UR	611546N 0731428E	5084169
SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	UR	611546N 0731428E	
SVERDLOVSK GUIDED MISSILE PRODUCTION PLANT B	UR	565213N 0603707E	5083870
SVOBODNY ICBM COMPLEX CP BKR COMSAT FACILS	UR	514550N 1280749E	5083883
SVOBODNY ICBM HQ RADCOM XMTR NORTH COMSAT	UR	513847N 1280737E	
SVOBODNY ICBM SITE 10 CAMOUFLAGE ACTIVITY	UR	514721N 1280909E	5084070
SVOBODNY ICBM SITE 10 CAMOUFLAGE ACTIVITY	UR	514721N 1280909E	
SVOBODNY SSM COMPLEX ICBM SITES ANTS BURIED	UR	513241N 1280833E	5083891
SZABAUSZALLAS AMMUNITION DEPOT	HU	465400N 0191255E	5084218
SZCZECIN SHIPYARD A WARSKI	PL	532635N 0143448E	5083862

TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	KN	385030N 1253040E	5083949
TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	KN	385030N 1253040E	
TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	CH	252600N 1092730E	5084170
TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	CH	252600N 1092730E	
TARKHANKUTSKIY POLUOSTROV MARINE MAMMAL R+D	UR	452112N 0324413E	5084114
TARKO SALE TROPOSCATTER STATION SEARCH	UR	6455 N 07749 E	5084169
TARNOGSKIY GORODOK AIRFIELD	UR	603015N 0433600E	5084244
TASHKENT AIRFRAME PLANT B CHKALOV 84 EXPSN	UR	411802N 0691904E	5083823
TATIPING IRON PLANT	CH	315740N 1080030E	5083731

25X1

21

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
TATISHCHEVO ICBM COMPLEX CP BKR COMSAT FACILS	UR	514044N 0453728E	5083883
TATISHCHEVO SSM CPLX ICBM SITE ANTS BURIED	UR	515042N 0454042E	5083891
TATUKOU IRON + STEEL PLANT	CH	263440N 1014130E	5083731
TBILISI AVTOKOLONNA 2651	UR	414120N 0445155E	5084155
TBILISI AVTOKOLONNA 2652	UR	414325N 0444600E	5084156
TBILISI AVTOKOLONNA 2656	UR	414321N 0444553E	5084157

25X1

TEYKOVO AIRFIELD	UR	565040N 0403010E	5084243
TEYKOVO ICBM COMPLEX CP BUNKER COMSAT FACILS	UR	565207N 0403046E	5083883
TEYKOVO SSM COMPLEX ICBM SITES ANTS BURIED	UR	564405N 0404054E	5083891
TIENCHIAPA IRON PLANT	CH	315610N 1080315E	5083731
TIENTSUNGTAWAN SSM TRACKING FACILITY	CH	404604N 0995421E	5083897
TIMPUR NAVAL RADIO COMMO RCVR BKR COMSAT FAC	UR	431214N 1320726E	5083883
TOKSOVO PROPELLANT R+D FACIL LASER RLTD INSTL	UR	600600N 0303100E	5083865
TOUTANG IRON + STEEL PLANT	CH	263530N 1045300E	5084003
TUAN RADIO RELAY STATION	CH	235640N 1080452E	5083957
TUMENCHANG IRON PLANT	CH	312030N 1040200E	5083731
TYK MYS ASM RANGE PROB	UR	514346N 1414027E	5084023
TYK MYS ASM RANGE PROB	UR	514346N 1414027E	5084032
TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	UR	455426N 0632015E	5083926
TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	UR	455426N 0632015E	5083896

22

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN NO.
TYURATAM MTC ICBM DIV CP BKR COMSAT FACILS	UR	455911N 0630757E	S083883
TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	UR	455424N 0631837E	S084060
TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	UR	455424N 0631837E	
TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	UR	460324N 0625626E	S083904
TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	UR	460324N 0625626E	
TYURATAM MTC SITE U1/2 SL-12/13 SLV	UR	460214N 0630212E	S084171
TYURATAM MTC SPACE SITE G3/4 SL-12 SLV	UR	460423N 0625849E	S084025
UFA AIRCRAFT ENGINE PLANT B26	UR	544810N 0560354E	S083945
ULAN UDE AIRFRAME PLANT 99	UR	515123N 1074344E	S084079
ULAN UDE ESV TRACKING FACIL DUAL-DOMED BLDG	UR	515223N 1075650E	S083896
ULAN UDE ESV TRACKING FACILITY	UR	515223N 1075650E	S083883
URENGOY TROPOSCATTER STATION SEARCH	UR	6558 N 07825 E	S084169
UZHUR ICBM COMPLEX COMD POST BKR COMSAT FACS	UR	551647N 0894907E	S083883
VENGAPUR TROPOSCATTER STATION SEARCH	UR	6408 N 07645 E	S084169
VERKHNIY BASKUNCHAK MISSILE TRACKING FACILITY	UR	481129N 0464131E	S083900
VINNITSA SRF ARMY HQ RDO XMTR BKR COMSAT FACS	UR	493030N 0280010E	S083883
VINNITSA SRF ARMY/LRA HQ RADCOM XMTR COMSAT	UR	491237N 0281711E	
VINOGRADOV/HALMEU RAIL LINE XLDG FACILS	UR	480805N 0225939E	S084084
VLADIMIR SRF ARMY HQ RDO XMTR BKR COMSAT FACS	UR	561351N 0400551E	S083883
VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	UR	484804N 0443628E	S083940
VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	UR	484804N 0443628E	
VOLKOVYSK/KRYNKI RAIL LINE TRANSLOADING FACS	UR	530851N 0242549E	S084081
VORONEZH AIRFRAME PLANT 64 ASSEMBLY BLDG U/C	UR	513819N 0391517E	S084011
VORONEZH AIRFRAME PLANT 64 EXPANSION	UR	513819N 0391517E	S083823

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COUN	COORD	ACCN No.
VRANGELYA OSTROV/SOMNITELNAYA AIRFIELD	UR	705654N 1793430W	S084168
WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	SF	254951S 0281322E	S084115
WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	SF	254951S 0281322E	

WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	165000N 1122000E	S084087
WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	165000N 1122000E	
WROCLAW ARMY BARRACKS 19	PL	510408N 0170015E	S083947
WROCLAW ARMY BARRACKS 2	PL	510828N 0170423E	
WROCLAW ARMY BARRACKS 203 KARLOWICE	PL	510834N 0170406E	
WROCLAW ARMY BARRACKS 22	PL	510828N 0165125E	
WROCLAW ARMY BARRACKS 7 ROSENTHAL	PL	510853N 0170109E	
WROCLAW ARMY BARRACKS 8	PL	510707N 0170124E	
WUCHAI MTC ICBM SITE B INSTRUMENTATION FACILS	CH	385255N 1113527E	S083882
WUCHAI MTC INSTRUMENTATION FACILITIES	CH	384950N 1113620E	
WUCHAI MTC IRBM SITE A INSTRUMENTATION FACILS	CH	384952N 1113618E	
WUCHAI MTC SITE D INSTRUMENTATION FACILITIES	CH	385044N 1113649E	
WUHSI NAVAL RESEARCH FACILITY WIND TUNNEL	CH	312852N 1201503E	S083922
WUTU HEAVY FABRICATION INDUSTRY	CH	315230N 1044625E	S083731
YEDROVO ICBM COMPLEX CP BUNKER COMSAT FACILS	UR	575204N 0334129E	S083883
YELIZOVO NAVAL RADIO COMMO/RELAY XMTR COMSAT FACILS	UR	531153N 1582656E	
YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS	UR	531153N 1582656E	S084021
YENISEYSK ESV TRACKING/MOLNIYA FACILITY	UR	582643N 0921604E	S083883
YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	UR	582122N 0922415E	
YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	UR	582122N 0922415E	S084021
YEVPA TORIYA DEEP SPACE TRACKING FACIL NORTH	UR	451325N 0330955E	S083883
YOSHKAR OLA ICBM COMPLEX CP BKR COMSAT FACILS	UR	563407N 0480309E	

25X1

24
TOP SECRET CHESS RUFF

25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1

SUBJECT	COUN	COORD	ACCN NO.
ZAPOROZHYE AIRCRAFT ENGINE PLT 478 FLOORSPACE	UR	474928N 0351147E	S084152
ZAVITINSK MILITARY BKS ALI COMBAT DIV NEW	UR	500530N 1292538E	S084178
ZELENODOLSK SHIPYARD 340	UR	555009N 0483006E	S083866
[REDACTED]			
ZHANGIZTOBE ICBM COMPLEX CP BKR COMSAT FACS	UR	491228N 0811051E	S083883

25X1

25
TOP SECRET CHESS RUFF [REDACTED]

25X1

PART II

Listing of Reports by Originator

TOP SECRET CHESS RUFF

25X1
ZDAI

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	ENDR	B1006-78	04 APR 78	07	S083967
AF	ENDR	B4509-78	15 MAR 78	13	S083926
AF	ENDR	B4513-78	14 APR 78	13	S084028
AF	ENDR	B6515-78	11 APR 78	13	S084027
AF	ENDR	B6518-78	24 APR 78	13	S084032
AF	ENDR	C1008-78	27 APR 78	07	S083962
AF	ENDR	C1504-78	07 APR 78	13	S083912
AF	ENDR	C3003-78	03 MAY 78	07	S083965
AF	ENDR	C3506-78	10 MAR 78	14	S083917
AF	ENDR	C4508-78	07 APR 78	13	S084040
AF	ENDR	C4510-78	24 MAR 78	13	S084031
AF	ENDR	C4511-78	24 MAR 78	13	S084030
AF	ENDR	C6502-78	24 MAR 78	13	S083915
AF	ENDR	C6507-78	28 FEB 78	13	S083916
AF	ENDR	C6516-78	18 APR 78	13	S084026
AF	ENDR	D1007-78	04 APR 78	07	S083963
AF	ENDR	D3002-78	20 MAR 78	00	S083766
AF	ENDR	D3503-78	23 FEB 78	13	S083920
AF	ENDR	D3504-78	07 APR 78	13	S084037
AF	ENDR	D3505-78	07 APR 78	13	S084038
AF	ENDR	D4506-78	07 APR 78	13	S084041
AF	ENDR	D4507-78	07 APR 78	13	S084039

25X1

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	ENDR	D6503-78	28 MAR 78	13	S083919
AF	ENDR	D6504-78	17 FEB 78	13	S083924
AF	ENDR	D6508-78	10 MAR 78	13	S084029
AF	ENDR	D6509-78	12 MAR 78	13	S083913
AF	ENDR	D6510-78	07 APR 78	13	S084036
AF	ENDR	D6511-78	24 MAR 78	13	S084042
AF	ENDR	D6513-78	03 APR 78	13	S083908
AF	ENDR	E1003-78	08 MAR 78	07	S083934
AF	ENDR	E1004-78	17 MAR 78	05	S083961
AF	ENDR	E1005-78	24 MAR 78	00	S083927
AF	ENDR	E1009-78	11 MAY 78	00	S083964
AF	ENDR	E4512-78	30 MAR 78	13	S083932
AF	ENDR	E6506-78	01 MAR 78	13	S083911
AF	ENDR	E6512-78	30 MAR 78	13	S083925
AF	ENDR	B1503-1-75	08 MAR 78	13	S083928
AF	ENDR	C3510-2-74	MAR 78	13	S084045
AF	ENDR	C4518-2-74	MAR 78	13	S084043
AF	ENDR	C4519-1-74	MAR 78	13	S084044
AF	ENDR	C6503-2-76	10 APR 78	13	S084034
AF	ENDR	C6504-2-76	04 APR 78	13	S084035
AF	ENDR	C6505-2-76	02 APR 78	13	S083910

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	ENDR	D6502-4-70	24 FEB 78	13	S083923
AF	ENDR	D6511-2-75	27 FEB 78	13	S083918
AF	ENDR	D6513-4-73	24 FEB 78	13	S083922
AF	ENDR	D6515-1-73	07 APR 78	13	S084033
AF	ENDR	D6522-1-77	02 MAR 78	13	S083931
AF	ENDR	D6523-1-77	02 MAR 78	13	S083930
AF	ENDR	D6527-1-73	22 MAR 78	13	S083909
AF	ENDR	E1001-1-77	08 MAR 78	07	S083935
AF	ENDR	E1509-1-77	17 FEB 78	13	S083929
AF	ENDR	E1512-1-75	24 MAR 78	13	S084046
AF	ENDR	E1516-2-76	14 DEC 77	13	S083937
AF	ENDR	E1521-1-77	16 MAR 78	13	S083936
AF	ENDR	E6528-1-77	27 FEB 78	13	S083921
AF	PAR	2-78	15 FEB 78	00	S083880
AF	PAR	3-78	25 JAN 78	07	S083960
AF	PAR	4-78	03 APR 78	07	S083881
AF	PAR	525-78	21 MAR 78	13	S083882
AF	PAR	535-78	04 APR 78	13	S083883
AF	PAR	538-78	03 APR 78	13	S083885
AF	PAR	539-78	29 MAR 78	13	S083886
AF	PAR	540-78	21 MAR 78	13	S083887
AF	PAR	541-78	29 MAR 78	13	S083888

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	PAR	547-78	30 MAR 78	13	S083889
AF	PAR	548-78	03 APR 78	13	S083890
AF	PAR	551-78	21 MAR 78	13	S083891
AF	PAR	554-78	21 APR 78	13	S084011
AF	PAR	555-78	22 MAR 78	13	S083884
AF	PAR	556-78	07 APR 78	13	S083892
AF	PAR	557-78	31 MAR 78	13	S083893
AF	PAR	558-78	20 MAR 78	13	S083894
AF	PAR	559-78	27 APR 78	13	S084012
AF	PAR	560-78	14 MAR 78	13	S083895
AF	PAR	561-78	03 APR 78	13	S083896
AF	PAR	563-78	14 MAR 78	13	S083897
AF	PAR	565-78	20 APR 78	13	S084013
AF	PAR	566-78	17 APR 78	13	S084014
AF	PAR	567-77	07 JUN 77	13	S083898
AF	PAR	567-78	17 APR 78	13	S084015
AF	PAR	568-78	07 APR 78	13	S083899
AF	PAR	569-78	30 MAR 78	13	S083900
AF	PAR	571-78	06 APR 78	13	S083901
AF	PAR	572-78	06 APR 78	13	S083902
AF	PAR	573-78	06 APR 78	13	S083903

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	PAR	574-78	29 MAR 78	13	S083904
AF	PAR	575-78	12 APR 78	13	S083905
AF	PAR	576-78	26 APR 78	13	S084016
AF	PAR	577-78	12 APR 78	13	S084017
AF	PAR	578-78	13 APR 78	13	S083906
AF	PAR	580-78	14 APR 78	13	S083907
AF	PAR	581-78	19 APR 78	13	S084018
AF	PAR	583-78	21 APR 78	13	S084019
AF	PAR	585-78	01 MAY 78	13	S084020
AF	PAR	587-78	01 MAY 78	13	S084021
AF	PAR	588-78	27 APR 78	13	S084022
AF	PAR	591-78	27 APR 78	13	S084023
AF	PAR	592-78	26 APR 78	13	S084024
AF	PAR	597-78	27 APR 78	13	S084025
ARMY	BIIR	RAC24-0002-78	MAR 78	14	S083734
ARMY	PIM	PIM033-78	31 MAR 78	14	S083957
ARMY	PIM	PIM040-78	31 MAR 78	14	S083958

25X1

25X1

CIA	BIIR	RCS13-0005-78	APR 78	13	S083731
CIA	BIIR	RCS13-0007-78	MAY 78	13	S084003

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
CIA	INFR	TSD039-78	10 MAY 78	13	S084114
CIA	INFR	TSD041-78	15 MAY 78	13	S084116
CIA	INFR	TSD042-78	15 MAY 78	13	S084108
CIA	INFR	IS10123-78	23 MAY 78	05	S084125
CIA	INFR	IS10102J-78	09 MAY 78	24	S084110
CIA	INFR	IS10106K-78	22 MAY 78	13	S084120
CIA	INFR	IS10107J-78	08 MAY 78	13	S084111
CIA	INFR	IS10108J-78	10 MAY 78	24	S084113
CIA	INFR	IS10110K-78	17 MAY 78	13	S084115
CIA	INFR	IS10111K-78	19 MAY 78	13	S084109
CIA	INFR	IS10112K-78	12 MAY 78	13	S084112
CIA	INFR	IS10113J-78	15 MAY 78	24	S084117
CIA	INFR	IS10114K-78	18 MAY 78	13	S084107
CIA	INFR	IS10115K-78	16 MAY 78	13	S084123
CIA	INFR	IS10122K-78	26 MAY 78	13	S084121
CIA	INFR	IS10124J-78	24 MAY 78	13	S084118
CIA	INFR	IS10126K-78	25 MAY 78	13	S084124
CIA	INFR	IS10127K-78	30 MAY 78	13	S084122
CIA	INFR	IS10128J-78	26 MAY 78	24	S084126
CIA	IRA	IS10100K-78	APR 78	13	S083877
CIA	IRP	IS10051K-78	APR 78	13	S083823

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
CIA	IRP	IS10077J-78	APR 78	24	S083824
CIA	IRP	IS10096K-78	MAY 78	13	S084072
DIA	BIIB	BDA11-0001-77	APR 78	14	S083722
DIA	BIIR	RDA05-0025-77	MAY 78	14	S083939
DIA	BIIR	RDA11-0013-77	MAY 78	14	S083940
DIA	IAPPR	104-78	25 APR 78	21	S083956
DIA	IAPPR	114-78	09 MAY 78	24	S083993
DIA	IAPPR	128-78	16 MAY 78	25	S083996
DIA	IIM	5B1-58270-78	MAY 78	14	S083944
DIA	IIM	5B1-58314-78	22 MAY 78	14	S083933
DIA	IIM	5B1-58325-78	23 MAY 78	14	S083947
DIA	IIM	5B1-58363-78	JUN 78	14	S084136
DIA	IIM	5B1-58397-78	JUN 78	14	S084137
DIA	IIM	5B1-58399-78	30 MAY 78	14	S084138
DIA	IIM	5B1-58400-78	30 MAY 78	14	S084154
DIA	IIM	5B1-58436-78	JUN 78	14	S084139
DIA	IIM	5B1-58441-78	JUN 78	14	S084140
DIA	IIM	5B1-58443-78	23 JUN 78	05	S084245
DIA	IIM	5B1-58451-78	JUN 78	14	S084155
DIA	IIM	5B1-58452-78	05 JUN 78	14	S084141
DIA	IIM	5B1-58454-78	JUN 78	14	S084156
DIA	IIM	5B1-58455-78	JUN 78	14	S084157

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25A1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
DIA	IIM	5B1-58473-78	23 JUN 78	14	S084247
DIA	IIM	5B1-58476-78	JUN 78	14	S084221
DIA	IIM	5B1-58477-78	JUN 78	14	S084218
DIA	IIM	5B1-58478-78	12 JUN 78	14	S084184
DIA	IIM	5B1-58481-78	JUN 78	14	S084185
DIA	IIM	5B1-58487-78	JUN 78	14	S084186
DIA	IIM	5B1-58492-78	JUN 78	14	S084248
DIA	IIM	5B1-58497-78	20 JUN 78	14	S084222
DIA	IIM	5B1-58512-78	20 JUN 78	14	S084223
DIA	IIM	5B1-58535-78	14 JUN 78	14	S084224
DIA	IIM	5B1-58544-78	23 JUN 78	13	S084249
DIA	IIM	5B1-58558-78	23 JUN 78	14	S084246
DIA	IIM	5B3-58357-78	23 MAY 78	13	S083946
DIA	IIM	5B3-58365-78	23 MAY 78	13	S083945
DIA	IIM	5B3-58415-78	23 JUN 78	13	S084243
DIA	IIM	5B3-58416-78	22 JUN 78	13	S084219
DIA	IIM	5B3-58418-78	23 JUN 78	13	S084244
DIA	IIM	5B3-58474-78	09 JUN 78	13	S084150
DIA	IIM	5B3-58475-78	08 JUN 78	13	S084142
DIA	IIM	5B3-58482-78	09 JUN 78	13	S084151
DIA	IIM	5B3-58491-78	12 JUN 78	13	S084152

25X1

25X1

TOP SECRET CHESS RUFF

25X1

ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
DIA	IIM	5B3-58495-78	12 JUN 78	13	S084153
DIA	IIM	5B3-58500-78	13 JUN 78	13	S084168
DIA	IIM	5B3-58531-78	15 JUN 78	13	S084214
DIA	IIM	5B3-58533-78	15 JUN 78	13	S084216
DIA	IIM	5B3-58534-78	15 JUN 78	13	S084215
DIA	IIM	5B3-58536-78	15 JUN 78	13	S084217
DIA	IIM	5B3-58548-78	19 JUN 78	13	S084220
DIA	NBRG	NDA07-5115-78	28 APR 78	05	S083714
DIA	NBRG	NDA07-5116-78	28 APR 78	05	S083715
DIA	NBRG	NDA07-5117-78	28 APR 78	05	S083716
DIA	NBRG	NDA07-5118-78	28 APR 78	05	S083717
DIA	NBRG	NDA07-5119-78	28 APR 78	05	S083718
DIA	NBRG	NDA07-5120-78	28 APR 78	05	S083719
DIA	NBRG	NDA07-5121-78	25 APR 78	05	S083720
DIA	NBRG	NDA07-5122-78	28 APR 78	05	S083721
DIA	STDY	DDB1311-001-78	APR 78	20	S083955
DIA	STDY	DDB1720-007-78	APR 78	25	S083983
DIA	STDY	DST1053S-309-78	MAR 78	25	S083987
DIA	STDY	DST1070S-102-78	21 APR 78	25	S083999
DIA	STDY	DST1830S-136-78	07 APR 78	25	S083985
DIA	STDY	DST1830S-396-77	SEP 77	25	S083998

25X1

25X1

TOP SECRET CHESS RUFF

25X1

Page Denied

TOP SECRET CHESS RUFF

25X1

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

25X1

[REDACTED]						
------------	--	--	--	--	--	--

NAVY	DSIIR	RPP06-8001-78	FEB 78		05	S083995
NAVY	REPT	[REDACTED]	01 MAY 78	[REDACTED]	24	S083989
NAVY	STDY	[REDACTED]	16 MAR 78	[REDACTED]	13	S084002
NPIC	BIIR	RCA03-0001-78	APR 78	[REDACTED]	25	S083732
NPIC	BIIR	RCA09-0006-78	MAY 78	[REDACTED]	25	S083822
NPIC	BIIR	RCA09-0007-78	APR 78	[REDACTED]	25	S083747
NPIC	BIIR	RCA09-0008-78	APR 78	[REDACTED]	14	S083777
NPIC	BIIR	RCA20-0002-78	MAY 78	[REDACTED]	14	S084004
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084057
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084058
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084059
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084060
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084061
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084062
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084063
NPIC	BRAD	[REDACTED]	MAY 78	[REDACTED]	14	S084064

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X15X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BRAD		MAY 78		14	S084065
NPIC	BRAD		MAY 78		14	S084066
NPIC	BRAD		MAY 78		14	S084067
NPIC	BRAD		MAY 78		14	S084068
NPIC	BRAD		MAY 78		14	S084069
NPIC	BRAD		MAY 78		14	S084070
NPIC	BRAD		MAY 78		14	S084170
NPIC	BRAD		MAY 78		14	S084171
NPIC	BRAD		MAY 78		14	S084172
NPIC	BRAD		MAY 78		14	S084173
NPIC	BRAD		MAY 78		14	S084174
NPIC	BRAD		MAY 78		13	S084175
NPIC	BRAD		MAY 78		14	S084176
NPIC	BRAD		MAY 78		14	S084177
NPIC	BRAD		MAY 78		14	S084178
NPIC	BRAD		MAY 78		14	S084179
NPIC	BRAD		MAY 78		14	S084180
NPIC	BRAD		MAY 78		14	S084181
NPIC	BRAD		MAY 78		14	S084182
NPIC	BRAD		MAY 78		14	S084183
NPIC	BRAD		JUN 78		14	S084203

25X1
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084204
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084205
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084206
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084207
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084208
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084209
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084210
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084211
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084212
NPIC	BRAD	[REDACTED]	JUN 78	[REDACTED]	14	S084213
NPIC	IIR	IIR023-78	01 MAY 78	[REDACTED]	14	S083743
NPIC	IIR	IIR024-78	02 MAY 78	[REDACTED]	14	S083746
NPIC	IIR	IIR025-78	02 MAY 78	[REDACTED]	14	S083745
NPIC	IIR	IIR026-78	04 MAY 78	[REDACTED]	14	S083776
NPIC	IIR	IIR027-78	08 MAY 78	[REDACTED]	05	S083818
NPIC	IIR	IIR028-78	11 MAY 78	[REDACTED]	14	S083878
NPIC	IIR	IIR029-78	18 MAY 78	[REDACTED]	14	S083941
NPIC	IIR	IIR030-78	24 MAY 78	[REDACTED]	14	S084006
NPIC	IIR	IIR031-78	25 MAY 78	[REDACTED]	14	S084008
NPIC	MCS	MCS002-78	MAY 78	[REDACTED]	14	S083942
NPIC	MEMO	[REDACTED]	29 MAR 78	[REDACTED]	14	S083953
NPIC	MEMO	[REDACTED]	13 APR 78	[REDACTED]	25	S083954

25X1

25X1

25X1

39
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	MEMO	[REDACTED]	15 MAY 78	[REDACTED]	13	S083951
NPIC	MEMO	[REDACTED]	12 JUN 78	[REDACTED]	14	S084169
NPIC	MEMO	[REDACTED]	14 JUN 78	[REDACTED]	14	S084187
NPIC	PIR	PIR015-78	APR 78	[REDACTED]	25	S083744
NPIC	PIR	PIR018-78	MAY 78	[REDACTED]	14	S083820
NPIC	PIR	PIR019-78	MAY 78	[REDACTED]	14	S083875
NPIC	PIR	PIR020-78	MAY 78	[REDACTED]	14	S083819
NPIC	PIR	PIR021-78	MAY 78	[REDACTED]	14	S083873
NPIC	PIR	PIR022-78	MAY 78	[REDACTED]	14	S084071
NPIC	SR	SR038-78	APR 78	[REDACTED]	14	S083733
NPIC	SR	SR039-78	MAY 78	[REDACTED]	14	S083821
NPIC	SR	SR040-78	MAY 78	[REDACTED]	14	S083874
NPIC	SR	SR041-78	MAY 78	[REDACTED]	14	S083876
NPIC	SR	SR042-78	MAY 78	[REDACTED]	21	S084005
SAC	DSIIB	BSF22-3001-78	APR 78	[REDACTED]	13	S083986
SAC	STDY	GOALKEEPER12-77	30 DEC 77	[REDACTED]	05	S083982
SAC	STDY	GOALKEEPER14-78	15 JAN 78	[REDACTED]	05	S083984

25X1
25X1

25X1

TOP SECRET CHESS RUFF

25X1

PART III

Listing of Reports by General Subject

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	AIRCRAFT, AIRFRAME PLANTS ASSEMBLY BLDGS COMP	UR		S084011
05	AIRCRAFT, AIRFRAME PLTS FINAL ASBLY CPLXS U/C	UR		S083823
05	AIRCRAFT, BACKFIRE B DPL CHARACTERISTICS	UR		S083986
05	AIRCRAFT, BADGER G TU-16 RADOME NEW	UR		S083965
05	AIRCRAFT, CANDID IL-76			S083881
05	AIRCRAFT, CHECH A	UR		S084116
05	AIRCRAFT, CHUCK A	UR		
05	AIRCRAFT, CLINE A AN-32	UR		S083964
05	AIRCRAFT, CLOBBER A YAK-42 SWEEP WING VERSION	UR		S083927
05	AIRCRAFT, COALER A AN-72 DIMENSIONS	UR		S083880
05	AIRCRAFT, FITTER 5-METER FUEL TANK	UR		S083967
05	AIRCRAFT, FORGER A YAK-36	UR		S083935
05	AIRCRAFT, FORGER B	UR		S083934
05	AIRCRAFT, FOXBAT MIG-25 MODIFIED	UR		S083932
05	AIRCRAFT, KASP B	UR		S083936
05	AIRCRAFT, LRA WINTER ARCTIC TRAINING	UR		S083955
05	AIRCRAFT, NAN A SERIES PRODUCTION	CH		S083988
05	AIRCRAFT, RAM H MOCK-UP PROB	UR		S084208
05	AIRCRAFT, RAM K	UR		S084065
05	AIRCRAFT, RAM K FIGHTER NEW PROB	UR		S083743
05	AIRCRAFT, R+D/PROD FACILS ROOF AREA INCREASE	UR		S083898
05				

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	AMDERMA AIRFIELD AA-5 ACTIVITY	UR	694553N 0613400E	S084066
05	ARSENYEV AIRFRAME PLANT 116	UR	440859N 1331523E	S084075
05	ASEB PORT FACs FISHBED MIG-21 SHIPPING CONTS	ET	130030N 0424530E	S084180
05	AXUM AIRFIELD INFANTRY BRIGADE PROB	ET	140715N 0384300E	S084204
05	AXUM AIRFIELD INFANTRY UNIT DEPLOYED	ET	140715N 0384300E	S084173
05	BUZICA AIR FORCE SCHOOL POSS	CZ	483210N 0210430E	S084217
05	EL UOTIA AIRFIELD MIRAGE F-1 IDENTIFICATION	LY	322805N 0115346E	S084209
05	GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	ET	123052N 0372644E	S084212
05	HSIAN AVIATION INSTITUTE WIND TUNNEL	CH	341451N 1085425E	S083922
05	KAZAN AIRFRAME PLANT GORBUNOV 22	UR	555140N 0490700E	S084029
05	KAZAN AIRFRAME PLANT GORBUNOV 22	UR	555140N 0490700E	S084011
05	KAZAN AIRFRAME PLANT GORBUNOV 22 EXPANSION	UR	555140N 0490700E	S083823
05	KIYEV AERODYNAMIC TEST FACILITY	UR	504450N 0303120E	S083913
05	KIYEV AERODYNAMIC TEST FACILITY	UR	504450N 0303120E	S083892
05	KUSTANAY AIRFIELD WEST AIRCRAFT COUNT	UR	531226N 0633252E	S084142
05	KUYBYSHEV AIRFRAME PLANT LENIN 18 ASBLY BLDG	UR	531300N 0501814E	S084011
05	KUYBYSHEV AIRFRAME PLANT LENIN 18 EXPANSION	UR	531300N 0501814E	S083823
05	LENINGRAD AIRCRAFT ENGINE PLANT 117	UR	595851N 0302023E	S083946
05	LOURENCO MARQUES AIRFIELD HIP MI-8 IDENT	MZ	255516S 0323410E	S084175
05	LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S084027
05	LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S083907
05	MOSKVA AIRCRAFT ENGINE PLANT 500 FLOORSPACE	UR	555005N 0372616E	S084150

TOP SECRET CHESS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S084034
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	554817N 0373126E	S084019
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S084035
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S084018
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	UR	554700N 0373230E	S083910
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	UR	554700N 0373230E	S083906
05	NORMALITSY AIRFIELD	UR	610244N 0325846E	S084220
05	OKBA IBN NAFA AIRFIELD AIRCRAFT DISPLAY	LY	325346N 0131632E	S084211
05				
05	RAMENSKOYE FLIGHT TEST CENTER AREA 2	UR	553424N 0380819E	S084033
05	RAMENSKOYE FLIGHT TEST CENTER AREA 2 MIKOYAN	UR	553424N 0380819E	S084014
05	RAMENSKOYE FLIGHT TEST CENTER AREA 2 SUKHOY	UR	553424N 0380819E	S084013
05	RAMENSKOYE FLIGHT TEST CENTER AREA 2 YAKOLEV	UR	553424N 0380819E	S084015
05	RAMENSKOYE FLIGHT TEST CENTER AREA 4	UR	553412N 0380728E	S083909
05	RAMENSKOYE FLIGHT TEST CENTER AREA 4	UR	553412N 0380728E	S083899
05	RAMENSKOYE FLIGHT TEST CENTER RAM K NEW	UR	553418N 0380923E	S084065
05	RAMENSKOYE FLIGHT TEST CENTER RAM K NEW PROB	UR	553418N 0380923E	S083743
05	RESHMA AIRFIELD	UR	572500N 0422820E	S084153
05	ROMANOVKA AIRFIELD WEST VTOL PADS U/C	UR	431431N 1321930E	S084206
05	ROSTOV AIRFRAME PLANT 168	UR	471516N 0394318E	S084077
05	ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	504544N 0263218E	S084154

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	SAN ANTONIO DE LOS BANOS ALFD FLOGGER IDENT	CU	225216N 0823034W	S084064
05	SARATOV AIRFRAME PLANT 292 EXPANSION	UR	512948N 0455703E	S083823
05	SEVEROMORSK AIRFIELD NAVAL A/C DISPLAY PROB	UR	690152N 0332517E	S084210
05	SHENYANG AIRFRAME PLANT 112 WIND TUNNEL	CH	415208N 1232600E	S083922
05	SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	UR	544910N 0320245E	S083823
05	SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	KN	394510N 1244915E	S083814
05	STARAYA RUSSA AIRFIELD	UR	575734N 0312255E	S084219
05	TARNOGSKIY GORODOK AIRFIELD	UR	603015N 0433600E	S084244
05	TASHKENT AIRFRAME PLANT B CHKALOV 84 EXPSN	UR	411802N 0691504E	S083823
05	TEYKOV0 AIRFIELD	UR	565040N 0403010E	S084243
05	UFA AIRCRAFT ENGINE PLANT B26	UR	544810N 0560354E	S083945
05	ULAN UDE AIRFRAME PLANT 99	UR	515123N 1074344E	S084079
05	VORONEZH AIRFRAME PLANT 64 ASSEMBLY BLDG U/C	UR	513819N 0391517E	S084011
05	VORONEZH AIRFRAME PLANT 64 EXPANSION	UR	513819N 0391517E	S083823
05	VRANGELYA OSTROV/SOMNITELNAYA AIRFIELD	UR	705654N 1793430W	S084168
05	WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	SF	254951S 0281322E	S084115
05	ZAPOROZHYE AIRCRAFT ENGINE PLT 478 FLOORSPACE	UR	474928N 0351147E	S084152
10	BAHIA DE PORTETE NARCOTICS TRANSHIPMENT AREA	CO	121030N 0715530W	S084176
10	GENERAL, CIVIL DEFENSE FACs PHOTO SIGNATURES	UR		S083877
10	GENERAL, CIVIL DEFENSE SHELTERS NUC IND RLTD	UR		S083873
10	POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	UR	550941N 0265346E	S084205

25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
10	POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	UR	550941N 0265346E	S084177
10	POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	UR	550941N 0265346E	S084181
10	SMIDOVICH SHELTER U/G RAILROAD CLF YARD ASSOC	UR	483530N 1334826E	S084221
10	SVOBODNYI ICBM SITE 10 CAMOUFLAGE ACTIVITY	UR	514721N 1280909E	S084070
15	ANADYR AIR DEFENSE ZONE AREA STUDY	UR	6446 N 17737 E	S083984
15	IRKUTSK AIR DEFENSE ZONE AREA STUDY	UR	5216 N 10422 E	S083982
15	NORILSK AIR DEFENSE ZONE AREA STUDY	UR	6921 N 08821 E	S083984
15	NOVOSIBIRSK AIR DEFENSE ZONE AREA STUDY	UR	5503 N 08323 E	S083982
15	PROJECT GOALKEEPER XII			
15	PROJECT GOALKEEPER XIV			S083984
15	SEMIPALATINSK AIR DEFENSE ZONE AREA STUDY	UR	5022 N 08013 E	S083982
25	ALEYSK ICBM COMPLEX CP BUNKERED COMSAT FACIL	UR	522922N 0824457E	S083883
25	ANASTASYEVKA RADIO COMMO RCVR STA COMSAT FACS	UR	483547N 1353429E	
25	ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA	UR	464617N 0612048E	S084072
25	BAKHCHISARAY NAVAL RADCOM RCVR STA COMSAT FAC	UR	444440N 0333640E	S083883
25	BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	UR	505500N 1283015E	S084062
25	BELODMUT COMSAT STATION	UR	545740N 0392600E	S083883
25	BUENOS AIRES COMMUNICATIONS FACILITIES	AR	3436 S 05827 W	S083954
25	CHITA SRF ARMY COMMAND POST COMSAT FACILS MBL	UR	520905N 1133215E	S083883
25	CHITA SRF ARMY HQ RADIO COMMO XMTR BKR HARD	UR	520324N 1131137E	
25	DARASUN COMSAT STATION	UR	512820N 1135140E	
25	DERAZHNYA SSM COMPLEX ICBM SITES ANTS BURIED	UR	491254N 0270818E	S083891
25	DOBROVALEKSANDROVKA RADCOM RCVR KGB COMSAT FAC	UR	462010N 0303310E	S083883
25	DOMBAROVSKIY ICBM COMPLEX CP BKR COMSAT FACS	UR	510146N 0595227E	

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

EPP/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	DROVYANAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	513310N 1130152E	
25	DROVYANAYA SSM COMPLEX ICBM SITES ANTS BURIED	UR	512743N 1131147E	S083891
25	ELECTRONICS, ANTENNAS HARD PHASE 2 ICBM CPLXS	UR		S083732
25	ELECTRONICS, BAR BRICK RADAR MODIFICATIONS	UR		S083992
25	ELECTRONICS, COMMAND CNTRL ACT SS-16/20 ASSOC	UR		S083820
25	ELECTRONICS, COMMAND CNTRL COMMO SIGNAL UNITS	UR		S083983
25	ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	BU		
25	ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	RO		
25	ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	PL		
25	ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	CZ		
25	ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS	HU		
25	ELECTRONICS, COMMO EQUIP SOV AFLD SRCH	ET		S083953
25	ELECTRONICS, COMSAT FACILITIES MILITARY ASSOC	UR		
25	ELECTRONICS, COMSAT FACILITIES MILITARY ASSOC	CZ		
25	ELECTRONICS, COMSAT STATIONS TYPE D	UR		S084021
25	ELECTRONICS, EW RADAR SYSTEMS	CH		S083993
25	ELECTRONICS, ICBM TYPE 3X LCF SITE PLANS	UR		S083929
25	ELECTRONICS, MICROWAVE ANTENNAS SAM SITES	UR		S084022
25	ELECTRONICS, NAN CHING A RADAR DEPLOYMENT	CH		S083988
25	ELECTRONICS, PAT HAND RADAR	UR		S083961
25	ELECTRONICS, SPACE TRKG DUAL-DOMED BLDGS SRCH	UR		S083896
25	ELECTRONICS, WASHER ANTENNAS SS-11/19 CPLXS	UR		S083887

25X1

25X1

25X1

25X1

25X1
25X1

46
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	ELECTRONICS, 4-DISH ANTENNA NAVAL ASSOCIATED	UR		S083963
25	GALENKI ESV TRACKING/MOLNIYA FACILITY	UR	440130N 131454E	S083883
25	GLADKAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	561419N 0921918E	
25	GLADKAYA SSM COMPLEX ICBM SITE ANTS BURIED	UR	562324N 0922841E	S083891
25	GOLIITSYNO RADIO COMMO RECEIVER CPLX ORBITA	UR	553525N 0370301E	S083883
25	GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	UR	555404N 0401901E	S083746
25	GORKIY/SORMOVO RADAR ASSEMBLY + TEST AREA	UR	561925N 0434842E	S084004
25	GUS KHRUSTALNYY COMSAT STATION CENTRAL	UR	553444N 0405418E	S083883
25	HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	CH	410120N 1001312E	S083897
25	HUNGTANG RADIO RELAY STATION BUNKERED	CH	255518N 1130010E	S083958
25	IMENI GASTELLO ICBM COMPLEX CP BKR COMSAT FAC	UR	510728N 0662026E	S083883
25	IRKUTSK COMSAT STATION NNE	UR	522339N 1042223E	
25	IRKUTSK COMSAT STATION NORTH	UR	522354N 1042236E	
25	IVANKOVO ELECTRONICS R+D FACILITY PROR	UR	543350N 0370600E	
25	KALININGRAD COMMAND CONTROL FACS NORTH COMSAT	UR	545720N 0201645E	S083883
25	KARTALY ICBM COMPLEX COMD POST BKR COMSAT FAC	UR	530222N 0603634E	
25	KHABAROVSK RADIO COMMO RCVR KGB COMSAT FAC	UR	482809N 1351524E	
25	KHMELNITSKIY ICBM COMPLEX CP BKR COMSAT FACS	UR	492329N 0270403E	
25	KOLOMNA RADCOM XMTR GENERAL STAFF COMSAT FACS	UR	545930N 0385650E	
25	KOMSOMOLSK COMSAT CONTROL STATION KHURMULI	UR	510142N 1364950E	
25	KOMSOMOLSK COMSAT STATION NW	UR	504140N 1364455E	
25	KOSTROMA ICBM HQ RADCOM RCVR BKR COMSAT FACS	UR	575237N 0411628E	
25	KOZELSK ICBM HQ RADCOM RCVR BKR COMSAT FACILS	UR	540358N 0354620E	
25	KOZELSK SSM COMPLEX ICBM SITES ANTS BURIED	UR	540734N 0352922E	S083891
25	LENINGRAD AVIATION ELCT PROD TECH INST IDENT	UR	595735N 0302120E	S084020
25	LENINGRAD AVIATION ELCT PROD TECH INST 17	UR	595735N 0302120E	S084026

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
ZUA1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	LENINGRAD NAVAL COMMO R+D FACILITY SEARCH	UR	5954 N 03023 E	S084124
25	LENINGRAD SPACE TRACKING FACILITY	UR	594300N 0301000E	S083883
[REDACTED]				
25	LUSTENICE COMSAT STATION CGF	CZ	501850N 0145510E	S083883
25	MISHELEVKA HLN HOUSE RADAR FACIL COMSAT FACIL	UR	525232N 1031536E	
25	MOSKVA/SHCHELKOVO ESV TRACKING FACILITY	UR	555644N 0375803E	
25	MOSKVA/SHCHELKOVO ESV TRKG FAC DUAL-DOME BLDG	UR	555644N 0375803E	S083896
25	MOZYR MRBM DIVISION HEADQUARTERS COMSAT STA	UR	520432N 0290625E	S083883
25	NADYM TROPOSCATTER + RADIO RELAY STATION SW	UR	652924N 0723727E	S084169
25	NAKO FOMINSK SRF RADCOM RCVR CPLX ORBITA STA	UR	551918N 0364749E	S083883
25	OLOVYANNAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	504925N 1154810E	
25	OLOVYANNAYA SSM CPLX ICBM SITES ANTS BURIED	UR	505333N 1161013E	S083891
25	OMSK SRF ARMY COMMAND POST BKR COMSAT FACILS	UR	550602N 0733456E	S083883
25	OMSK SRF ARMY HQ RADCOM XMTR BKR COMSAT FACS	UR	545613N 0740739E	
25	ORENBURG SRF ARMY HEADQUARTERS COMSAT STATION	UR	514648N 0551030E	
25	PARATUNKA NAVAL RADCOM RCVR HARD COMSAT FAC	UR	530126N 1581434E	
[REDACTED]				
25	PECHORA PHASLD-ARRAY RADAR FACILITY ANT MSRMT	UR	651230N 0571720E	S084024
25	PEICHING ELECTRONICS RSCH INST ACADY SCIENCE	CH	395901N 1161915E	S083923
25	PERM ICBM HEADQUARTERS RADCOM RCVR COMSAT FAC	UR	574550N 0561125E	S083883
25	PERM SSM COMPLEX ICBM SITE ANTENNAS BURIED	UR	573558N 0561511E	S083891
25	PERVOMAYSK ICBM COMPLEX CP BKR COMSAT FACILS	UR	480600N 0305207E	S083883
25	PERVOMAYSK SSM COMPLEX ICBM SITE ANTS BURIED	UR	481224N 0305416E	S083891

25X1

25X1

25X1

25X1

48
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	POGRANICHNYY ESV TRACKING MOLNIYA FACILITY	UR	530546N 1582039E	S083883
25	POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	UR	435700N 1314032E	
25	POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	UR	435700N 1314032E	S084021
25	POLICHNYA COMSAT STATION SUSP	UR	553630N 0345450E	S083883
25	PRAVAYA KHETTA TROPOSCATTER STATION	UR	655115N 0742854E	S084169

25X1

25	SARAPULSKOYE RADIO COMMO RCVR STA COMSAT FACS	UR	485045N 1355825E	S083883
25	SARY OZEK COMSAT STATION	UR	442500N 0775645E	
25	SARY SHAGAN COMSAT STATION TYPE C	UR	463837N 0743105E	
25	SARY SHAGAN ESV TRACKING/MOLNIYA FACILITY	UR	455338N 0733727E	
25	SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	UR	455200N 0733100E	S083920
25	SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	UR	455200N 0733100E	S083890
25	SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	UR	455045N 0733104E	S084203
25	SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	UR	455045N 0733104E	S084068
25	SARY SHAGAN MTC R+D RDR FAC PHASED-ARRAY RDR	UR	460010N 0733859E	S083733
25	SERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	AG	365303N 0073822E	S084008
25	SERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	AG	365303N 0073822E	
25	SHCHUCHITY NAVAL RADCOM RCVR BKR COMSAT FACIL	UR	690232N 0333815E	S083883
25	SHUANGCHENGZU MTC REVETTED STORAGE/HDLG ANTS	CH	410822N 1001552E	S083897
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 01	CH	411947N 1002150E	S083901
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 02	CH	412400N 1002157E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 03	CH	412721N 1001333E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 04	CH	412844N 1000504E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 05	CH	413951N 0995737E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 06	CH	411548N 1002050E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 07	CH	411207N 1001200E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 08	CH	410749N 1000523E	
25	SHUANGCHENGZU MTC SSM TRACKING FACILITY 10	CH	411735N 1002000E	

49

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 11	CH	411755N 1001928E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 12	CH	412145N 1001948E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 17	CH	403352N 0992705E	S083897
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 19	CH	412045N 1001943E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 20	CH	403830N 1000300E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 21	CH	402800N 0995500E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 22	CH	403715N 1002330E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 23	CH	405759N 1001448E	
25	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 24	CH	404324N 0995939E	
25	SIMFEROPOL SPACE FLIGHT CENTER DISH ANTENNAS	UR	450326N 0335342E	S083883
25	STRELNA NAVAL COMMO R+D FACILITY SEARCH	UR	5951 N 03002 E	S084124
25	SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	UR	611546N 0731428E	S084169
25	SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	UR	611546N 0731428E	
25	SVOBODNY ICBM COMPLEX CP BKR COMSAT FACILS	UR	514550N 1280749E	S083883
25	SVOBODNY ICBM HQ RADCOM XMTR NORTH COMSAT	UR	513847N 1280737E	
25	SVOBODNY SSM COMPLEX ICBM SITES ANTS BURIED	UR	513241N 1280833E	S083891
25	TARKO SALE TROPOSCATTER STATION SEARCH	UR	6455 N 07749 E	S084169
25	TATISHCHEVO ICBM COMPLEX CP BKR COMSAT FACILS	UR	514044N 0453728E	S083883
25	TATISHCHEVO SSM CPLX ICBM SITE ANTS BURIED	UR	515042N 0454042E	S083891
25	TEYKOV ICBM COMPLEX CP BUNKER COMSAT FACILS	UR	565207N 0403046E	S083883
25	TEYKOV SSM COMPLEX ICBM SITES ANTS BURIED	UR	564405N 0404054E	S083891
25	TIENTSUNG TAWAN SSM TRACKING FACILITY	CH	404604N 0995421E	S083897
25	TIMPUR NAVAL RADIO COMMO RCVR BKR COMSAT FAC	UR	431214N 1320726E	S083883
25	TUAN RADIO RELAY STATION	CH	235640N 1080452E	S083957
25	TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	UR	455426N 0632015E	S083896
25	TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	UR	455426N 0632015E	S083926

50
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	TYURATAM MTC ICBM DIV CP BKR COMSAT FACILS	UR	455911N 0630757E	S083883
25	ULAN UDE ESV TRACKING FACIL DUAL-DOMED BLDG	UR	515223N 1075650E	S083896
25	ULAN UDE ESV TRACKING FACILITY	UR	515223N 1075650E	S083883
25	URENGOY TROPOSCATTER STATION SEARCH	UR	6558 N 07825 E	S084169
25	UZHUR ICBM COMPLEX COMD POST BKR COMSAT FACS	UR	551647N 0894907E	S083883
25	VENGAPUR TROPOSCATTER STATION SEARCH	UR	6408 N 07645 E	S084169
25	VERKHNIY BASKUNCHAK MISSILE TRACKING FACILITY	UR	481129N 0464131E	S083900
25	VINNITSA SRF ARMY HQ RDO XMTR BKR COMSAT FACS	UR	493030N 0280010E	S083883
25	VINNITSA SRF ARMY/LRA HQ RADCOM XMTR COMSAT	UR	491237N 0281711E	
25	VLADIMIR SRF ARMY HQ RDO XMTR BKR COMSAT FACS	UR	561351N 0400551E	
25	WUCHAI MTC ICBM SITE B INSTRUMENTATION FACILS	CH	385255N 1113527E	S083882
25	WUCHAI MTC INSTRUMENTATION FACILITIES	CH	384950N 1113620E	
25	WUCHAI MTC ICBM SITE A INSTRUMENTATION FACILS	CH	384952N 1113618E	
25	WUCHAI MTC SITE D INSTRUMENTATION FACILITIES	CH	385044N 1113649E	
25	YEDROVO ICBM COMPLEX CP BUNKER COMSAT FACILS	UR	575204N 0334129E	S083883
25	YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS	UR	531153N 1582656E	
25	YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS	UR	531153N 1582656E	S084021
25	YENISEYSK ESV TRACKING/MOLNIYA FACILITY	UR	582643N 0921604E	S083883
25	YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	UR	582122N 0922415E	
25	YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	UR	582122N 0922415E	S084021
25	YELVPATORIYA DEEP SPACE TRACKING FACIL NORTH	UR	451325N 0330955E	S083883
25	YOSHRAR OLA ICBM COMPLEX CP BKR COMSAT FACILS	UR	563407N 0480309E	

25X1

25	ZHANGIZTOBE ICBM COMPLEX CP BKR COMSAT FACS	UR	491228N 0811051E	S083883
30	CHENG TU STEEL TUBE PLANT	CH	303820N 1040640E	S083731
30	CHIANGYU IRON + STEEL PLANT	CH	314535N 1044540E	
30	CHICHANG IRON + STEEL PLANT SANCHICHANG	CH	265627N 1064153E	

25X1

51

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	CHUNGCHING IRON + STEEL PLANT 1	CH	292853N 1062928E	
30	CHUNGCHING IRON + STEEL PLANT 2	CH	293530N 1062640E	
30	CHUNGCHING IRON + STEEL PLANT 3	CH	293440N 1063245E	
30	CHUNGCHING STEEL PLANT LIUCHIAPU	CH	292642N 1062904E	
30	HSICHANG IRON + STEEL PLANT	CH	275345N 1021345E	
30	INDUSTRY, IRON + STEEL PLANTS KUEICHOUSHENG	CH		S084003
30	INDUSTRY, IRON + STEEL PLANTS SSUCHUANSHENG	CH		S083731
30	INDUSTRY, OIL EXPLORATION DEVELOPMENTS	KN		S083996
30	KUEIYANG IRON + STEEL PLANT	CH	263320N 1064358E	S084003
30	KUNGHSIEN IRON PLANT	CH	282330N 1044700E	S083731
30	KURGAN AGRICULTURAL MACH/ARMED VEH PLT BTR-60	UR	552545N 0651735E	S084110
30	LIPETSK TRACTOR PLANT	UR	523304N 0393451E	S083613
30	MURUNTAU GOLD ORE CONCENTRATION PLANT	UR	412830N 0643120E	S084121
30	TATIPING IRON PLANT	CH	315740N 1080030E	S083731
30	TATUKOU IRON + STEEL PLANT	CH	263440N 1014130E	
30	TIENCHIAPA IRON PLANT	CH	315610N 1080315E	
30	TOUTANG IRON + STEEL PLANT	CH	263530N 1045300E	S084003
30	TUMENCHANG IRON PLANT	CH	312030N 1040200E	S083731
30	VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	UR	484804N 0443628E	S083940
30	WUTU HEAVY FABRICATION INDUSTRY	CH	315230N 1044625E	S083731
35	ADUWA INFANTRY BRIGADE PROB DEPLOYED	ET	140930N 0385330E	S084172
35	AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S083902
35	AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S083925
35	AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY	UR	482220N 0465830E	S083908
35	AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY	UR	482220N 0465830E	S083903

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S083925
35	AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S083902
35	ARTEM ARMY BARRACKS AL4	UR	432200N 1321600E	S083716
35	AXUM AIRFIELD INFANTRY BRIGADE PROB	ET	140715N 0384300E	S084204
35	AXUM AIRFIELD INFANTRY UNIT DEPLOYED	ET	140715N 0384300E	S084173
35	BAGRATIONOVSK ARMY BKS KGB/SIGNAL UNITS SRCH	UR	542242N 0203739E	S084187
35	BATUMI ARMY BARRACKS SOUTH AL3	UR	413547N 0413811E	S084082
35	BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	UR	505500N 1283015E	S084062
35	BIELSKO BIALA ARMY BARRACKS 2	PL	494710N 0190349E	S084222
35	BOLSHAKOVO KGB/SIGNAL UNITS SEARCH	UR	5453 N 02140 E	S084187
35	CHERNYAKHOVSK MILITARY INSTLS MRD UNITS POSS	UR	5439 N 02149 E	S083863
35	CHUNGSAN UP AAA EXERCISE	KN	390710N 1251715E	S083818

25X1

35	DIMASHQ MILITARY INSTLS RIFAAT ASAD FORCE	SY	3330 N 03618 E	S084125
35	GOLENIOW ARMY BARRACKS NE	PL	533610N 0145510E	S084246
35	GOLENIOW MILITARY STORAGE FACILITY	PL	533510N 0145542E	
35	GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	ET	123052N 0372644E	S084212
35	GORKLIY MOTOR VEHICLE PLANT BTR-60 APC PROD	UR	561448N 0435341E	S084110
35	HAERHPIN AMMUNITION PLANT	CH	454815N 1264258E	S083722
35	HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	CH	410120N 1001312E	S083897
35	IMAN ARMY BARRACKS EAST AL7	UR	455410N 1335020E	S083717
35	ISHIM ARMY BARRACKS AL1	UR	560640N 0692820E	S083944

25X1

53

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	S083902
35	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	S083925
35	KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	UR	550030N 0604445E	S084138
35	KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	UR	550030N 0604445E	
35	KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	UR	552130N 0373220E	S083911
35	KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	UR	552130N 0373220E	S083889
35	KOLUSZKI ORDNANCE DEPOT WEST 503	PL	514309N 0194155E	S084248
35	KOLWEZI WAR DAMAGE	CG	104400S 0252800E	S084063
35	KONOJEDY CASTLE ENGINEER BRIDGING EQUIP STGE	CZ	503825N 0142115E	S084083
35	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083915
35	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083919
35	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083885
35	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	561200N 0381700E	S083886
35	KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	UR	594312N 0295120E	S084141
35	KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	UR	594312N 0295120E	
35	KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60	UR	552545N 0651735E	S084110
35	LENINGRAD EXPLOSIVES R+D PLT PRPLNT MFG SRCH	UR	600520N 0302910E	S084151
35	LUBLIN MILITARY WAREHOUSE STORAGE NORTH 1	PL	512230N 0224030E	S084184
35	LYALICHI ARMY BARRACKS AL1	UR	440138N 1322346E	S083714
35	LYALICHI ARMY BARRACKS AL2	UR	440238N 1322627E	S083715
35	MANDALGOVI ARMY BARRACKS AL1	MG	454459N 1061443E	S084136

25X1

54

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	MILITARY, AAA EQUIPMENT SLARCH SAM SITES	UR		S084022
35	MILITARY, ARMOR ACTIVITY JANUARY 77-MARCH 78	CH		S083874
35	MILITARY, BRIDGE MEDIUM CLASS NEW PROB	UR		S083875
35	MILITARY, BTR-60 APC PRODUCTION STATUS	UR		S084110
35	MILITARY, FIELD ARTILLERY WEAPON TOWED NEW	UR		S084107
35	MILITARY, GROUND FORCES REALIGNMENT KIYEV MD	UR		S083875
35	MILITARY, LASER R+D FACILS ROOF AREA INCREASE	UR		S083898
35	MILITARY, MAZ-TYPE VEH 5-AXLE NLW	UR		S083821
35	MILITARY, MRL NEW KRAZ-214 MOUNTED	KN		S083949
35	MILITARY, MT-55 TANK LAUNCHED BRIDGE	CZ		S083875
35	MILITARY, M-1977 240MM SELF-PROPELLED MORTAR	UR		S083734
35	MILITARY, TRAINING EXERCISES	KN		S083818
35	MILITARY, 140MM MRL 12/75 GAZ-66 MOUNTED	UR		S084078
35	MILITARY, 240MM SELF-PROPELLED MORTAR NEW	UR		S084080
35	MILITARY, 68TH ARMY SHENYANG MILITARY REGION	CH		S084126
35	MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	162630N 1113030E	S084085
35	NOVOSYBOYEVA IRBM SITE 2 203MM SP GUN IDENT	UR	440725N 1332810E	S083949
35	OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	545048N 0732420E	S083944
35	OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	545048N 0732420E	
35	OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	545048N 0732420E	
35	OMSK ARMY BARRACKS AL7	UR	545300N 0732018E	
35	OMSK ARMY BARRACKS AL9 + HEADQUARTERS TK DIV	UR	545740N 0732350E	
35	OMSK ARMY BARRACKS CENTRAL AL2	UR	545754N 0732306E	
35	OMSK ARMY BARRACKS SSE AL5	UR	545304N 0732936E	
35	PAOTOU MISSILE + ARTILLERY PLANT 447	CH	404105N 1095235E	S084122

55

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	PF	163200N 1113602E	S084086
35	PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	UR	580145N 0561708E	S084107
35	PETROPAVLOVSK ARMY BARRACKS AL22 + HQ MRD	UR	530324N 1584957E	S083718
35	PETROPAVLOVSK ARMY BARRACKS AL24	UR	530344N 1583812E	S083721
35	PETROPAVLOVSK ARMY BARRACKS AL25	UR	525925N 1584558E	S083719
35	PETROPAVLOVSK ARMY BARRACKS AL26	UR	530159N 1584013E	S083720
35	POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	SF	263810S 0270255E	S083876
35	POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	SF	263810S 0270255E	S083876
35	PRZEMYSL ARMY BARRACKS	PL	494735N 0224605E	S084249
35	PRZEMYSL ARMY BARRACKS NORTH 1	PL	494741N 0224608E	S084249
35	PRZEMYSL ARMY BARRACKS PIKULICKIE	PL	494517N 0224722E	S084249
35	PRZEMYSL ARMY BARRACKS ZURAWICA 3	PL	494833N 0224845E	S084249
35	PRZEMYSL RAILROAD ENGINEER BARRACKS 9	PL	494659N 0224830E	S084249
35	PYONG NI RIVER CROSSING EXERCISE	KN	392140N 1255520E	S083818
35	PYONGYANG FIELD ARTILLERY EXERCISE	KN	390500N 1260540E	S083818
35	PYONGYANG MANEUVER AREA SE TRAINING EXER	KN	385650N 1255400E	S083818
35	RIGA KGB/SIGNAL UNITS SEARCH	UR	5657 N 02406 E	S084187
35	ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	504544N 0263218E	S084154
35	SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	KN	394510N 1244915E	S083818
35	STRAZ POD RALSKEM ARMY BARRACKS 201	CZ	504150N 0144824E	S083864
35	STRAZ POD RALSKEM ARMY BARRACKS 202	CZ	504205N 0144820E	S083864
35	SZABADZALLAS AMMUNITION DEPOT	HU	465400N 0191255E	S084218
35	TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	KN	385030N 1253040E	S083949
35	TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	KN	385030N 1253040E	S083949

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	CH	252600N 1092730E	S084170
35	VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	UR	484804N 0443628E	S083940
35	WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	165000N 1122000E	S084087
35	WROCLAW ARMY BARRACKS 19	PL	510408N 0170015E	S083947
35	WROCLAW ARMY BARRACKS 2	PL	510828N 0170423E	
35	WROCLAW ARMY BARRACKS 203 KARLOWICE	PL	510834N 0170406E	
35	WROCLAW ARMY BARRACKS 22	PL	510828N 0165125E	
35	WROCLAW ARMY BARRACKS 7 ROSENTHAL	PL	510853N 0170109E	
35	WROCLAW ARMY BARRACKS 8	PL	510707N 0170124E	
35	ZAVITINSK MILITARY BKS AL1 COMBAT DIV NEW	UR	500530N 1292538E	S084178
40	AMDERMA AIRFIELD AA-5 ACTIVITY	UR	694553N 0613400E	S084066
40	BALAKLAVA MTC SLBM TRANSPORTERS	UR	443014N 0333122E	S084123
40	BIYSK SOLID MOTOR TEST AREA 2 SS-NX-17 EQUIP	UR	523119N 0850154E	S083867
40	CHIUMENGCHIN SSM FIELD POSITION	CH	344809N 1124025E	S083884
40	DERAZHNYA SSM COMPLEX	UR	491254N 0270818E	S083931
40	EMBA MTC COMPLEX A SA-6 PROB ANALYSIS	UR	483103N 0580207E	S084117
40	EMBA MTC COMPLEX B/C SAM ACTIVITY	UR	483103N 0580207E	S084016
40	EMBA MTC COMPLEX C TEL/CANISTER DIMENSIONS	UR	483103N 0580207E	S084028
40	EMBA MTC LAUNCH COMPLEX SA-X-11 TEL NEW	UR	483103N 0580207E	S083893
40	EMBA MTC OPERATIONS SUPT AREA SA-X-11 TEL NEW	UR	4842 N 05805 E	
40	EMBA MTC OPERATIONS SUPT AREA SA-9 TEL SRCH	UR	4842 N 05805 E	S084016
40	KAPUSTIN YAR MTC	UR	484107N 0455853E	S083894
40	KAPUSTIN YAR MTC MRBM/IRBM TRNG MAZ VEH IDENT	UR	483647N 0460935E	S083821
40	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	S083902

57

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	483000N 0461500E	S083925
40	KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084031
40	KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084030
40	KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084042
40	KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084044
40	KAZAN MISSILE PROPULSION R+D FACILITY	UR	555345N 0485007E	S084045
40	KUNMING SSM FIELD POSITION LAUNCH PAD MODIF	CH	245208N 1025347E	S084183
40	LENINGRAD EXPLOSIVES R+D PLT PRPLN MFG SRCH	UR	600520N 0302910E	S084151
40	LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S084027
40	LUMBOVKA ASM/BOMBING RANGE PROB	UR	674858N 0403219E	S083907
40	MISSILES, AA-7 WEAPON SYSTEM EVALUATION MSL	UR		S083960
40	MISSILES, AA-8 WEAPON SYSTEM EVALUATION MSL	UR		
40	MISSILES, ACTIVITY SUMMARY SALT RELATED	UR		S084118
40	MISSILES, AS-6	UR		S083962
40	MISSILES, AT&M SYSTEM NEW	UR		S083987
40	MISSILES, CSS-1/2 AZIMUTHS PHOTO INDICATIONS	CH		S083824
40	MISSILES, CSS-2	CH		S083895
40	MISSILES, CSS-2	CH		S083928
40	MISSILES, ICBM TYPE 3C/3F SILO CONVERSION	UR		S083937
40	MISSILES, ICBM TYPE 3D SILO CONSTRUCTION	UR		S084017
40	MISSILES, ICBM TYPE 3D SILO CONSTRUCTION	UR		S084046
40	MISSILES, ICBM TYPE 3F SITE NEW-START RECOG	UR		S083916

58

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MISSILES, NAVAL CRUISE MISSILE DEVELOPMENTS	CH		S083956
40	MISSILES, R+D/PROD FACILS ROOF AREA INCREASE	UR		S083898
40	MISSILES, SAM SITES AAA EQUIPMENT SEARCH	UR		S084022
40	MISSILES, SA-X-11 NAV VAR POSS KASHIN DDG MTD	UR		S083989
40	MISSILES, SS-NX-17 TRANSPORTERS	UR		S084123
40	MISSILES, SS-N-6 TRANSPORTER MODIFIED POSS	UR		
40	MISSILES, SS-N-8 TRANSPORTERS	UR		
40	MISSILES, SS-11 MOD 1 REENTRY VEHICLE DMNS	UR		S084120
40	MISSILES, SS-7/8/9/11 AIRFRAMES SURPLUS STGE	UR		S084111
40	MOSKVA GUIDED MSL PLT 82 RAM H MOCK-UP IDENT	UR	555023N 0372702E	S084208
40	MOSKVA SOLID MOTOR PROD PLANT SS-NX-17 EQUIP	UR	553648N 0375240E	S083867
40	NOVOSIBIRSK MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	551904N 0831001E	S084213
40	NOVOSIBIRSK MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	551904N 0831001E	
40	NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	UR	440725N 1332810E	S083948
40	PAOTOU MISSILE + ARTILLERY PLANT 447	CH	404105N 1095235E	S084122
40	PAVLOGRAD SOLID MOTOR TEST FAC SS-NX-17 EQUIP	UR	482605N 0355817E	S083867
40	PEICHING GUIDED MISSILE DFC WIND TUNNEL	CH	394849N 1160805E	S083922
40	PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	UR	580145N 0561708E	S084107
40	PERM PROPELLANT MANUFACTURING FACIL SEARCH	UR	580215N 0555026E	S084151
40	PERVOMAYSK SSM COMPLEX	UR	481224N 0305416E	S083930
40	PLESLETSK MTC	UR	625746N 0402346E	S083999
40	PLESLETSK MTC SPACE SITE 3 REACTIVATION	UR	625733N 0404102E	S084109

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	UR	550941N 0265346E	S084205
40	POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	UR	550941N 0265346E	S084177
40	POSTAVY MOBILE IRBM BASE SS-20 DEPLOYMENT	UR	550941N 0265346E	S084174
40	POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	UR	550941N 0265346E	S084181
40	ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	504544N 0263218E	S084154
40	SARY SHAGAN MTC COMPLEX F ABM RELATED ACT	UR	462629N 0725108E	S083744
40	SARY SHAGAN MTC R+D COMPLEX BLDG/CONDUIT U/I	UR	455200N 0733100E	S083918
40	SARY SHAGAN MTC R+D CPLX LINEAR TEST FAC SUSP	UR	455200N 0733100E	S083921
40	SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	UR	544910N 0320245E	S083823
40	SMORGON MOBILE IRBM BASE 1 U/C IDENT	UR	543151N 0261723E	S083745
40	SPACE, AEROSPACE R+D MANAGEMENT SYSTEM	CH		S083985
40	SPACE, METEOR-2 METEOROLOGICAL SATELLITE	UR		S083766
40	SPACE, R+D FACILITIES ROOF AREA INCREASE	UR		S083898
40	SPACE, SALYUT-6 SPACE STATION	UR		S083917
40	SPACE, SL-11 LAUNCH VEHICLE	UR		S083912
40	SPACE, SL-12 FOURTH STAGE POSS	UR		S083904
40	SPACE, SL-12 PAYLOAD MENSURATION	UR		S084025
40	SRI HARIKOTA ISLAND ROCKET MTR TEST SLV-3 ACT	IN	134456N 0801412E	S084059
40	SVERDLOVSK GUIDED MISSILE PRODUCTION PLANT 8	UR	565213N 0603707E	S083870
40	SVOBODNY ICBM SITE 10 CAMOUFLAGE ACTIVITY	UR	514721N 1280909E	S084070
40	TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	CH	252600N 1092730E	S084170

25X1

60

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
Z9X1

OFF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	TOKSOVO PROPELLANT R+D FACIL LASER RLTD INSTL	UR	600600N 0303100E	S083865
40	TYK MYS ASM RANGE PROB	UR	514346N 1414027E	S084032
40	TYK MYS ASM RANGE PROB	UR	514346N 1414027E	S084023
40	TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	UR	455424N 0631837E	S024060
40	TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	UR	455424N 0631837E	
40	TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	UR	460324N 0625626E	S083904
40	TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	UR	460324N 0625626E	
40	TYURATAM MTC SITE 01/2 SL-12/13 SLV	UR	460214N 0630212E	S084171
40	TYURATAM MTC SPACE SITE 03/4 SL-12 SLV	UR	460423N 0625849E	S084025
40	WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	SF	254951S 0281322E	S084115

25X1

61
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X25X1

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

25X1

00	MCS 1214-1			S083942
05	GOLOVINO LASER TEST RANGE	UR	555404N 0401901E	S084071
05	GOLOVINO LASER TEST RANGE FLAP WHEEL RDR IDENT	UR	555404N 0401901E	S083746
05	KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084030
05	KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084043
05	KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084045
05	KAZAN LASER TEST RANGE POSS	UR	555345N 0485031E	S084042
05	PEICHING MECHANICS INSTITUTE	CH	395901N 1161915E	S083888

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
65	PEICHING MECHANICS INSTITUTE WIND TUNNEL	CH	395901N 1161915E	S083924
65	PEICHING MECHANICS INSTITUTE WIND TUNNEL	CH	395901N 1161915E	S083922
65	PHOTO, INDICATIONS CSS-1/2 LAUNCH AZIMUTHS	CH		S083824
65	PHOTO, MULTIPLE ACQUISITION IMAGERY TECHNIQUE			S084071
65	TARKHANKUTSKIY POLUOSTROV MARINE MAMMAL R+D	UR	452112N 0324413E	S084114
75	ASEB PORT FACILS PASSENGER SHIP AFRICA CUBA	ET	130030N 0424530E	S084179
75	ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	ET	130030N 0424530E	S084180
75	BAHIA DE PORTETE NARCOTICS TRANSSHIPMENT AREA	CO	121030N 0715530W	S084176
75	BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	UR	543818N 0195659E	S084057
75	BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	UR	543818N 0195659E	
75	BALTIYSK NAVAL BASE 820B CLASS LPD IDENT	UR	543825N 0195445E	S084067
75	CIENFUEGOS NAVAL ACTIVITY/CONSTRUCTION	CU	2209 N 08027 W	S084002
75	GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA	PL	542207N 0183844E	S083869
75	KANDALAKSHSKIY ZALIV SOUND TRIALS RANGE	UR	663121N 0345353E	S083872
75	KOMSOMOLSK SHIPYARD AMUR 199	UR	503232N 1370248E	S083777
75	LENINGRAD SHIPYARD ZHDANOV 190A CL CRUISER	UR	595233N 0301406E	S084076
75	MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	162630N 1113030E	S084085
75	NAVAL, BALTIC FLEET COMBATANTS READINESS	UR		S084113
75	NAVAL, INSTALLATIONS	KN		S083995
75	NAVAL, R+D RESOURCES	UR		S083998
75	NIKOLAYEV SHIPYARD NORTHERN 61 KARA CLASS CG	UR	465840N 0320019E	S084058
75	PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	PF	163200N 1113602E	S084086

63

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
29A1

EPP/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	SAYDA GUBA SUBMARINE BASE SSBN DEPARTURE	UR	691531N 0331923E	S084207
75	SEVERODVINSK NAVAL BASE WEST	UR	643420N 0394551E	S083822
75	SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	643445N 0394716E	
75	SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	643514N 0394907E	
75	SEVERODVINSK SHIPYARD YAGRY Y CL DISMANTLING	UR	643514N 0394907E	S084112
75	SEVERODVINSK SHIPYARD 402	UR	643438N 0394832E	S083822
75	SHIPS, KARA CLASS CG REFIT/MODIFICATION	UR		S084058
75	SHIPS, KASHIN CLASS DDG SA-X-11 NAV VAR ARMED	UR		S083989
75	SHIPS, PRODUCTION ACTIVITY	CH		S083988
75	SHIPS, SUBMARINE CONSTRUCTION 1977-1981	UR		S083994
75	SHIPS, 190A CLASS CRUISER	UR		S084076
75	SZCZELCIN SHIPYARD A WARSKI	PL	532635N 0143448E	S083862
75	WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	165000N 1122000E	S084087
75	WUHSI NAVAL RESEARCH FACILITY WIND TUNNEL	CH	312852N 1201503E	S083922
75	ZELENODOLSK SHIPYARD 340	UR	555009N 0483006E	S083866
80	GOLENIOW PETROLEUM PRODUCTS STORAGE NORTH	PL	533656N 0144923E	S084246
85	FRUNZE AVTOKOLONNA 2901	UR	425145N 0743109E	S083933
85	GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	UR	561448N 0435341E	S084110
85	HAIYEN/KOERHMU RAIL LINE TRACK NEW	CH	371115N 1002430E	S083951
85	HALMEU/VINOGRADOV RAIL LINES XLDG FACILS	RO	475902N 0225950E	S084084
85	IRKUTSK AVTOKOLONNA 1257	UR	521831N 1041805E	S084185
85	IRKUTSK AVTOKOLONNA 1258	UR	521819N 1041743E	S084186
85	KAZAN AVTOKOLONNA 1186 SEARCH	UR	555011N 0490511E	S084224

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
85	KOERHMU/HAIYEN RAIL LINE TRACK NEW	CH	3625 N 09453 E	S083951
85	KRYNKI/VOLKOVYSK RAIL LINE TRANSLOADING FACS	PL	530510N 0234840E	S084081
85	LENINGRAD AVTOKOLONNA 2928	UR	401455N 0694140E	S084137
85	NOVOSIBIRSK AVTOKOLONNA 1233	UR	545752N 0824918E	S084223
85	SMIDOVICH SHELTER U/G RAILROAD CLF YARD ASSOC	UR	483530N 1334826E	S084221
85	SUKHUMI AVTOKOLONNA 2654	UR	425942N 0405923E	S084140
85	SUKHUMI AVTOKOLONNA 2658	UR	430022N 0410007E	S084139
85	TBILISI AVTOKOLONNA 2651	UR	414120N 0445155E	S084155
85	TBILISI AVTOKOLONNA 2652	UR	414325N 0444600E	S084156
85	TBILISI AVTOKOLONNA 2656	UR	414321N 0444553E	S084157
85	VINOGRADOV/HALMEU RAIL LINE XLDG FACILS	UR	480805N 0225939E	S084084
85	VOLKOVYSK/KRYNKI RAIL LINE TRANSLOADING FACS	UR	530851N 0242549E	S084081

PART IV

Listing of Reports by Coordinates

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
123052N 0372644E	GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	ET	S084212
123052N 0372644E	GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	ET	
130030N 0424530E	ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	ET	S084180
130030N 0424530E	ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	ET	
130030N 0424530E	ASEB PORT FACILS PASSENGER SHIP AFRICA CUBA	ET	S084179
134456N 0801412E	SRI HARIKOTA ISLAND ROCKET MTR TEST SLV-3 ACT	IN	S084059
140715N 0384300E	AXUM AIRFIELD INFANTRY BRIGADE PROB	ET	S084204
140715N 0384300E	AXUM AIRFIELD INFANTRY BRIGADE PROB	ET	
140715N 0384300E	AXUM AIRFIELD INFANTRY UNIT DEPLOYED	ET	S084173
140715N 0384300E	AXUM AIRFIELD INFANTRY UNIT DEPLOYED	ET	
140930N 0385330E	ADUWA INFANTRY BRIGADE PROB DEPLOYED	ET	S084172
162630N 1113030E	MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	S084085
162630N 1113030E	MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	
163200N 1113602E	PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	PF	S084086
163200N 1113602E	PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	PF	
165000N 1122000E	WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	S084087
165000N 1122000E	WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	PF	
235640N 1080452E	TUAN RADIO RELAY STATION	CH	S083957
245208N 1025347E	KUNMING SSM FIELD POSITION LAUNCH PAD MODIF	CH	S084183
252600N 1092730E	TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	CH	S084170
252600N 1092730E	TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	CH	
255518N 1130010E	HUNGTANG RADIO RELAY STATION BUNKERED	CH	S083958
263440N 1014130E	TATUKOU IRON + STEEL PLANT	CH	S083731
263530N 1045300E	TOUTANG IRON + STEEL PLANT	CH	S084003
263320N 1064358E	KUEIYANG IRON + STEEL PLANT	CH	
275345N 1021345E	HSICHANG IRON + STEEL PLANT	CH	S083731
282330N 1044700E	KUNGHSIEN IRON PLANT	CH	

67

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
285627N 1064153E	CHICHIANG IRON + STEEL PLANT SANCHICHANG	CH	
292642N 1062904E	CHUNGCHING STEEL PLANT LIUCHIAPU	CH	
292853N 1062928E	CHUNGCHING IRON + STEEL PLANT 1	CH	
293440N 1063245E	CHUNGCHING IRON + STEEL PLANT 3	CH	
293530N 1062640E	CHUNGCHING IRON + STEEL PLANT 2	CH	
303820N 1040640E	CHENG TU STEEL TUBE PLANT	CH	

25X1

312030N 1040200E	TUMENCHANG IRON PLANT	CH	5083731
314535N 1044540E	CHIANGYU IRON + STEEL PLANT	CH	
315230N 1044625E	WUTU HEAVY FABRICATION INDUSTRY	CH	
315610N 1080315E	TIENCHIAPA IRON PLANT	CH	
315740N 1080030E	TATIPING IRON PLANT	CH	
312852N 1201503E	WUHSI NAVAL RESEARCH FACILITY WIND TUNNEL	CH	5083922
322805N 0115346E	EL UOTIA AIRFIELD MIRAGE F-1 IDENTIFICATION	LY	5084209
325346N 0131632E	OKBA IBN NAFA AIRFIELD AIRCRAFT DISPLAY	LY	5084211
3330 N 03618 E	DIMASHQ MILITARY INSTLS RIFAAT ASAD FORCE	SY	5084125
341451N 1085425E	HSIAN AVIATION INSTITUTE WIND TUNNEL	CH	5083922
344809N 1124025E	CHIUMENGCHIN SSM FIELD POSITION	CH	5083884
365303N 0073822E	SERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	AG	5084008
365303N 0073822E	SERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	AG	
3625 N 09453 E	KOERHMU/HAIYEN RAIL LINE TRACK NEW	CH	5083951

25X1

371115N 1002430E	HAIYEN/KOERHMU RAIL LINE TRACK NEW	CH	5083951
384950N 1113620E	WUCHAI MTC INSTRUMENTATION FACILITIES	CH	5083882
384952N 1113618E	WUCHAI MTC IRBM SITE A INSTRUMENTATION FACILS	CH	
385044N 1113649E	WUCHAI MTC SITE D INSTRUMENTATION FACILITIES	CH	

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
385255N 1113527E	WUCHAI MTC ICBM SITE B INSTRUMENTATION FACILS	CH	
385030N 1253040E	TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	KN	S083949
385030N 1253040E	TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	KN	
385650N 1255400E	PYONGYANG MANEUVER AREA SE TRAINING EXER	KN	S083818
394849N 1160805E	PEICHING GUIDED MISSILE DPC WIND TUNNEL	CH	S083922
395901N 1161915E	PEICHING MECHANICS INSTITUTE	CH	S083888
395901N 1161915E	PEICHING MECHANICS INSTITUTE WIND TUNNEL	CH	S083924
395901N 1161915E	PEICHING ELECTRONICS RSCH INST ACADY SCIENCE	CH	S083923
395901N 1161915E	PEICHING MECHANICS INSTITUTE WIND TUNNEL	CH	S083922
394510N 1244915E	SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	KN	S083818
394510N 1244915E	SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	KN	
390710N 1251715E	CHUNGSAN UP AAA EXERCISE	KN	
392140N 1255520E	PYONG NI RIVER CROSSING EXERCISE	KN	
390500N 1260540E	PYONGYANG FIELD ARTILLERY EXERCISE	KN	
401455N 0694140E	LENINGRAD AVTOKOLONNA 2928	UR	S084137
402800N 0995500E	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 21	CH	S083897
403352N 0992705E	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 17	CH	
404324N 0995939E	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 24	CH	
404604N 0995421E	TIENTSUNG TAWAN SSM TRACKING FACILITY	CH	
403715N 1002330E	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 22	CH	
403830N 1000300E	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 20	CH	
405759N 1001448E	SHUANGCHENG TZU MTC SSM TRACKING FACILITY 23	CH	
404105N 1095235E	PAOTOU MISSILE + ARTILLERY PLANT 447	CH	S084122
404105N 1095235E	PAOTOU MISSILE + ARTILLERY PLANT 447	CH	
413547N 0413811E	BATUMI ARMY BARRACKS SOUTH AL3	UR	S084082
414120N 0445155E	TBILISI AVTOKOLONNA 2651	UR	S084155
414321N 0444553E	TBILISI AVTOKOLONNA 2656	UR	S084157

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
414325N 0444600E	TBILISI AVTOKOLONNA 2652	UR	S084156
412830N 0643120E	MURUNTAU GOLD ORE CONCENTRATION PLANT	UR	S084121
411802N 0691904E	TASHKENT AIRFRAME PLANT B CHKALOV 84 EXPSN	UR	S083823
413951N 0995737E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 05	CH	S083901
410120N 1001312E	HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	CH	S083897
410120N 1001312E	HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	CH	
410749N 1000523E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 08	CH	S083901
410822N 1001552E	SHUANGCHENGZU MTC REVETTED STORAGE/HDL6 ANTS	CH	S083897
411207N 1001200E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 07	CH	S083901
411548N 1002050E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 06	CH	
411755N 1001928E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 11	CH	
411735N 1002000E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 10	CH	
411947N 1002150E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 01	CH	
412045N 1001943E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 19	CH	S083897
412145N 1001948E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 12	CH	S083901
412400N 1002157E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 02	CH	
412721N 1001333E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 03	CH	
412844N 1000504E	SHUANGCHENGZU MTC SSM TRACKING FACILITY 04	CH	
415208N 1232600E	SHENYANG AIRFRAME PLANT 112 WIND TUNNEL	CH	S083922
425942N 0405923E	SUKHUMI AVTOKOLONNA 2654	UR	S084140
425145N 0743109E	FRUNZE AVTOKOLONNA 2901	UR	S083933
430022N 0410007E	SUKHUMI AVTOKOLONNA 2658	UR	S084139
435700N 1314032E	POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	UR	S083883
435700N 1314032E	POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	UR	S084021
431214N 1320726E	TIMPUR NAVAL RADIO COMMO RCVR BKR COMSAT FAC	UR	S083883

70

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
431431N 1321930E	ROMANOVKA AIRFIELD WEST VTOL PADS U/C	UR	S084206
432200N 1321600E	ARTEM ARMY BARRACKS AL4	UR	S083716
443014N 0333122E	BALAKLAVA MTC SLBM TRANSPORTERS	UR	S084123
444440N 0333640E	BAKHCHISARAY NAVAL RADCOM RCVR STA COMSAT FAC	UR	S083883
442500N 0775645E	SARY OZEK COMSAT STATION	UR	
440130N 1314545E	GALENKI ESV TRACKING/MOLNIYA FACILITY	UR	
440138N 1322346E	LYALICHI ARMY BARRACKS AL1	UR	S083714
440238N 1322627E	LYALICHI ARMY BARRACKS AL2	UR	S083715
440725N 1332810E	NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	UR	S083948
440725N 1332810E	NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	UR	
440859N 1331523E	ARSENYEV AIRFRAME PLANT 116	UR	S084075
452112N 0324413E	TARKHANKUTSKIY POLUOSTROV MARINE MAMMAL R+D	UR	S084114
450326N 0335342E	SIMFEROPOL SPACE FLIGHT CENTER DISH ANTENNAS	UR	S083883
451325N 0330955E	YELPATORIYA DEEP SPACE TRACKING FACIL NORTH	UR	
455424N 0631837E	TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	UR	S084060
455424N 0631837E	TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	UR	
455426N 0632015E	TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	UR	S083896
455426N 0632015E	TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	UR	S083926
455911N 0630757E	TYURATAM MTC ICBM DIV CP BKR COMSAT FACILS	UR	S083883
455045N 0733104E	SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	UR	S084203
455045N 0733104E	SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	UR	S084068
455200N 0733100E	SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	UR	S083890
455200N 0733100E	SARY SHAGAN MTC R+D CPLX LINEAR TEST FAC SUSP	UR	S083921
455200N 0733100E	SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	UR	S083920

71

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
455200N 0733100E	SARY SHAGAN MTC R+D COMPLEX BLDG/CONDUIT U/I	UR	S083918
455338N 0733727E	SARY SHAGAN ESV TRACKING/MOLNIYA FACILITY	UR	S083883
454459N 1061443E	MANDALGOVI ARMY BARRACKS AL1	MG	S084136
454815N 1264258E	HAERHPIN AMMUNITION PLANT	CH	S083722
455410N 1335020E	IMAN ARMY BARRACKS EAST AL7	UR	S083717
465400N 0191255E	SZABADSZALLAS AMMUNITION DEPOT	HU	S084218
462010N 0303310E	DOBROALEKSANDROVKA RADCOM RCVR KGB COMSAT FAC	UR	S083883
465840N 0320019E	NIKOLAYEV SHIPYARD NORTHERN 61 KARA CLASS CG	UR	S084058
464617N 0612048E	ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA	UR	S084072
460324N 0625626E	TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	UR	S083904
460324N 0625626E	TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	UR	
460423N 0625849E	TYURATAM MTC SPACE SITE G3/4 SL-12 SLV	UR	S084025
460214N 0630212E	TYURATAM MTC SITE U1/2 SL-12/13 SLV	UR	S084171
462629N 0725108E	SARY SHAGAN MTC COMPLEX F ABM RELATED ACT	UR	S083744
460010N 0733859E	SARY SHAGAN MTC R+D RDR FAC PHASED-ARRAY RDR	UR	S083733
463837N 0743105E	SARY SHAGAN COMSAT STATION TYPE C	UR	S083883
475902N 0225950E	HALMEU/VINOGRADOV RAIL LINES XLDG FACILS	RO	S084084
474928N 0351147E	ZAPOROZHYE AIRCRAFT ENGINE PLT 478 FLOORSPACE	UR	S084152
471516N 0394318E	RUSTOV AIRFRAME PLANT 168	UR	S084077
483210N 0210430E	BUZICA AIR FORCE SCHOOL POSS	CZ	S084217
480805N 0225939E	VINOGRADOV/HALMEU RAIL LINE XLDG FACILS	UR	S084084
480600N 0305207E	PERVOMAYSK ICHM COMPLEX CP BKR COMSAT FACILS	UR	S083883

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
481224N 0305416E	PERVOMAYSK SSM COMPLEX ICBM SITE ANTS BURIED	UR	S083891
481224N 0305416E	PERVOMAYSK SSM COMPLEX	UR	S083930
482605N 0355817E	PAVLOGRAD SOLID MOTOR TEST FAC SS-NX-17 EQUIP	UR	S083867
484804N 0443628E	VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	UR	S083940
484804N 0443628E	VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	UR	
484107N 0455853E	KAPUSTIN YAR MTC	UR	S083894
481129N 0464131E	VERKHNIY BASKUNCHAK MISSILE TRACKING FACILITY	UR	S083900
482039N 0462000E	AKHTUBINSK ORDNANCE TEST AREA 1	UR	S083902
482039N 0462000E	AKHTUBINSK ORDNANCE TEST AREA 1	UR	S083925
482220N 0465830E	AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY	UR	S083903
482220N 0465830E	AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY	UR	S083908
482600N 0462300E	AKHTUBINSK ORDNANCE TEST AREA 4	UR	S083902
482600N 0462300E	AKHTUBINSK ORDNANCE TEST AREA 4	UR	S083925
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	S083902
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST REAR L	UR	S083925
483647N 0460935E	KAPUSTIN YAR MTC MRBM/IRBM TRNG MAZ VEH IDENT	UR	S083821
483103N 0580207E	EMBA MTC LAUNCH COMPLEX SA-X-11 TEL NEW	UR	S083893
483103N 0580207E	EMBA MTC COMPLEX A SA-6 PROB ANALYSIS	UR	S084117
483103N 0580207E	EMBA MTC COMPLEX C TEL/CANISTER DIMENSIONS	UR	S084028
483103N 0580207E	EMBA MTC COMPLEX B/C SAM ACTIVITY	UR	S084016
4842 N 05805 E	EMBA MTC OPERATIONS SUPT AREA SA-X-11 TEL NEW	UR	S083893

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
4842 N 05805 E	EMBA MTC OPERATIONS SUPT AREA SA-9 TEL SRCH	UR	S084016
483530N 1334826E	SMIDOVICH SHELTER U/G RAILROAD CLF YARD ASSOC	UR	S084221
483530N 1334826E	SMIDOVICH SHELTER U/G RAILROAD CLF YARD ASSOC	UR	
482809N 1351524E	KHABAROVSK RADIO COMMO RCVR KGB COMSAT FAC	UR	S083883
483547N 1353429E	ANASTASYEVKA RADIO COMMO RCVR STA COMSAT FACS	UR	
485045N 1355825E	SARAPULSKOYE RADIO COMMO RCVR STA COMSAT FACS	UR	
494710N 0190349E	BIELSKO BIALA ARMY BARRACKS 2	PL	S084222
494517N 0224722E	PRZEMYSL ARMY BARRACKS PIKULICKIE	PL	S084249
494659N 0224830E	PRZEMYSL RAILROAD ENGINEER BARRACKS 9	PL	
494735N 0224605E	PRZEMYSL ARMY BARRACKS	PL	
494741N 0224608E	PRZEMYSL ARMY BARRACKS NORTH 1	PL	
494833N 0224845E	PRZEMYSL ARMY BARRACKS ZURAWICA 3	PL	
491254N 0270818E	DERAZHNYA SSM COMPLEX ICBM SITES ANTS BURIED	UR	S083891
491254N 0270818E	DERAZHNYA SSM COMPLEX	UR	S083931
492329N 0270403E	KHMELNITSKIY ICBM COMPLEX CP BKR COMSAT FACS	UR	S083883
491237N 0281711E	VINNITSA SRF ARMY/LRA HQ RADCOM XMTR COMSAT	UR	
493030N 0280010E	VINNITSA SRF ARMY HQ RDO XMTR BKR COMSAT FACS	UR	

25X1

491228N 0811051E	ZHANGIZTOBE ICBM COMPLEX CP BKR COMSAT FACS	UR	S083883
------------------	---	----	---------

25X1

501850N 0145510E	LUSTENICE COMSAT STATION CGF	CZ	S083883
503825N 0142115E	KONOJEDY CASTLE ENGINEER BRIDGING EQUIP STGE	CZ	S084083
504150N 0144824E	STRAZ POD RALSKEM ARMY BARRACKS 201	CZ	S083864
504205N 0144820E	STRAZ POD RALSKEM ARMY BARRACKS 202	CZ	
504544N 0263218E	ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	S084154
504544N 0263218E	ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
504544N 0263218E	ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	UR	
504450N 0303120E	KIYEV AERODYNAMIC TEST FACILITY	UR	S083892
504450N 0303120E	KIYEV AERODYNAMIC TEST FACILITY	UR	S083913
502300N 0774923E	SEMIPALATINSK NWP6 HE EFFECTS TEST AREA	UR	S083941
5022 N 08013 E	SEMIPALATINSK AIR DEFENSE ZONE AREA STUDY	UR	S083982
504925N 1154810E	OLOVYANNAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	S083883

25X1

505333N 1161013E	OLOVYANNAYA SSM CPLX ICBM SITES ANTS BURIED	UR	S083891
505500N 1283015E	BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	UR	S084062
505500N 1283015E	BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	UR	
500530N 1292538E	ZAVITINSK MILITARY BKS AL1 COMBAT DIV NEW	UR	S084178
504140N 1364455E	KOMSOMOLSK COMSAT STATION NW	UR	S083883
503232N 1370248E	KOMSOMOLSK SHIPYARD AMUR 199	UR	S083777

25X1

510828N 0165125E	WROCLAW ARMY BARRACKS 22	PL	S083947
510408N 0170015E	WROCLAW ARMY BARRACKS 19	PL	
510707N 0170124E	WROCLAW ARMY BARRACKS 8	PL	
510853N 0170109E	WROCLAW ARMY BARRACKS 7 ROSENTHAL	PL	
510828N 0170423E	WROCLAW ARMY BARRACKS 2	PL	
510834N 0170406E	WROCLAW ARMY BARRACKS 203 KARLOWICE	PL	
514309N 0194155E	KOLUSZKI ORDNANCE DEPOT WEST 503	PL	S084248
512230N 0224030E	LUBLIN MILITARY WAREHOUSE STORAGE NORTH 1	PL	S084184
513819N 0391517E	VORONEZH AIRFRAME PLANT 64 EXPANSION	UR	S083823
513819N 0391517E	VORONEZH AIRFRAME PLANT 64 ASSEMBLY BLDG U/C	UR	S084011
512948N 0455703E	SARATOV AIRFRAME PLANT 292 EXPANSION	UR	S083823

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
514044N 0453728E	TATISHCHEVO ICBM COMPLEX CP BKR COMSAT FACILS	UR	S083883
515042N 0454042E	TATISHCHEVO SSM CPLX ICBM SITE ANTS BURIED	UR	S083891
514648N 0551030E	ORENBURG SRF ARMY HEADQUARTERS COMSAT STATION	UR	S083883
510146N 0595227E	DOMBAROVSKIY ICBM COMPLEX CP BKR COMSAT FACS	UR	
510728N 0662026E	IMENI GASTELLO ICBM COMPLEX CP BKR COMSAT FAC	UR	
515123N 1074344E	ULAN UDE AIRFRAME PLANT 99	UR	S084079
515223N 1075650E	ULAN UDE ESV TRACKING FACIL DUAL-DOMED BLDG	UR	S083896
515223N 1075650E	ULAN UDE ESV TRACKING FACILITY	UR	S083883
512743N 1131147E	DROVYANAYA SSM COMPLEX ICBM SITES ANTS BURIED	UR	S083891
512820N 1135140E	DARASUN COMSAT STATION	UR	S083883

25X1

513310N 1130152E	DROVYANAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	S083883
513241N 1280833E	SVOBODNYY SSM COMPLEX ICBM SITES ANTS BURIED	UR	S083891
513847N 1280737E	SVOBODNYY ICBM HQ RADCOM XMTR NORTH COMSAT	UR	S083883
514550N 1280749E	SVOBODNYY ICBM COMPLEX CP BKR COMSAT FACILS	UR	
514721N 1280909E	SVOBODNYY ICBM SITE 10 CAMOUFLAGE ACTIVITY	UR	S084070
514721N 1280909E	SVOBODNYY ICBM SITE 10 CAMOUFLAGE ACTIVITY	UR	
510142N 1364950E	KOMSOMOLSK COMSAT CONTROL STATION KHURMULI	UR	S083883
514346N 1414027E	TYK MYS ASM RANGE PROB	UR	S084032
514346N 1414027E	TYK MYS ASM RANGE PROB	UR	S084023

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
-------	---------	------	----------

25X1

520432N 0290625E	MOZYR MRBM DIVISION HEADQUARTERS COMSAT STA	UR	S083883
523304N 0393451E	LIPETSK TRACTOR PLANT	UR	S083613
522922N 0824457E	ALEYSK ICBM COMPLEX CP BUNKERED COMSAT FACIL	UR	S083883
523119N 0850154E	BIYSK SOLID MOTOR TEST AREA 2 SS-NX-17 EQUIP	UR	S083867
525232N 1031536E	MISHELEVKA HEN HOUSE RADAR FACIL COMSAT FACIL	UR	S083883
5216 N 10422 E	IRKUTSK AIR DEFENSE ZONE AREA STUDY	UR	S083982
521819N 1041743E	IRKUTSK AVTOKOLONNA 1258	UR	S084186
521831N 1041805E	IRKUTSK AVTOKOLONNA 1257	UR	S084185
522354N 1042236E	IRKUTSK COMSAT STATION NORTH	UR	S083883
522339N 1042223E	IRKUTSK COMSAT STATION NNE	UR	
520324N 1131137E	CHITA SRF ARMY HQ RADIO COMMU XMTR BKR HARD	UR	
520905N 1133215E	CHITA SRF ARMY COMMAND POST COMSAT FACILS MBL	UR	
525925N 1584558E	PETROPAVLOVSK ARMY BARRACKS AL25	UR	S083719

25X1

532635N 0143448E	SZCZECIN SHIPYARD A WARSKI	PL	S083862
533510N 0145542E	GOLENIOW MILITARY STORAGE FACILITY	PL	S084246

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
533656N 0144923E 533610N 0145510E	GOLENIOW PETROLEUM PRODUCTS STORAGE NORTH GOLENIOW ARMY BARRACKS NE	PL PL	
530510N 0234840E 530851N 0242549E	KRYNKI/VOLKOVYSK RAIL LINE TRANSLOADING FACS VOLKOVYSK/KRYNKI RAIL LINE TRANSLOADING FACS	PL UR	S084081
531300N 0501814E	KUYBYSHEV AIRFRAME PLANT LENIN 18 ASBLY BLDG	UR	S084011
531300N 0501814E	KUYBYSHEV AIRFRAME PLANT LENIN 18 EXPANSION	UR	S083823
530222N 0603634E	KARTALY ICBM COMPLEX COMD POST BKR COMSAT FAC	UR	S083883
531226N 0633252E	KUSTANAY AIRFIELD WEST AIRCRAFT COUNT	UR	S084142
530126N 1581434E	PARATUNKA NAVAL RADCOM RCVR HARD COMSAT FAC	UR	S083883
530159N 1584013E	PETROPAVLOVSK ARMY BARRACKS AL26	UR	S083720
530344N 1583812E	PETROPAVLOVSK ARMY BARRACKS AL24	UR	S083721
530324N 1584957E	PETROPAVLOVSK ARMY BARRACKS AL22 + HQ MRD	UR	S083718
530546N 1582039E 531153N 1582656E	POGRANICHNYY ESV TRACKING MOLNIYA FACILITY YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS	UR UR	S083883
531153N 1582656E	YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS	UR	S084021
542207N 0183844E	GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA	PL	S083869
543825N 0195445E	BALTIYSK NAVAL BASE 820B CLASS LPD IDENT	UR	S084067
543818N 0195659E 543818N 0195659E	BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	UR UR	S084057
542242N 0203739E	BAGRATIONOVSK ARMY BKS KGB/SIGNAL UNITS SRCH	UR	S084187
545720N 0201645E	KALININGRAD COMMAND CONTROL FACS NORTH COMSAT	UR	S083883
5439 N 02149 E	CHERNYAKHOVSK MILITARY INSTLS MRD UNITS POSS	UR	S083863
5453 N 02140 E	BOLSHAKOVO KGB/SIGNAL UNITS SEARCH	UR	S084187

25X1

78

TOP SECRET CHESS RUFF

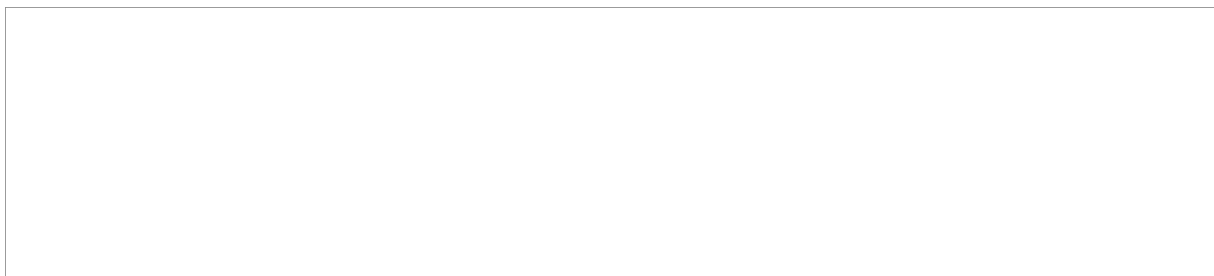
25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
543151N 0261723E	SMORGON MOBILE IRBM BASE 1 U/C IDENT	UR	S083745
544910N 0320245E	SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	UR	S083823
544910N 0320245E	SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	UR	
540358N 0354620E	KOZELSK ICBM HQ RADCOM RCVR BKR COMSAT FACILS	UR	S083883
540734N 0352922E	KOZELSK SSM COMPLEX ICBM SITES ANTS BURIED	UR	S083891
545930N 0385650E	KOLOMNA RADCOM XMTR GENERAL STAFF COMSAT FACS	UR	S083883
545740N 0392600E	BELOOMUT COMSAT STATION	UR	

25X1



544810N 0560354E	UFA AIRCRAFT ENGINE PLANT B26	UR	S083945
545048N 0732420E	OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	S083944
545048N 0732420E	OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	
545048N 0732420E	OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	UR	
545300N 0732018E	OMSK ARMY BARRACKS AL7	UR	
545304N 0732936E	OMSK ARMY BARRACKS SSE AL5	UR	
545754N 0732306E	OMSK ARMY BARRACKS CENTRAL AL2	UR	
545740N 0732350E	OMSK ARMY BARRACKS AL9 + HEADQUARTERS TK DIV	UR	
545613N 0740739E	OMSK SRF ARMY HQ RADCOM XMTR BKR COMSAT FACS	UR	S083883
545752N 0824918E	NOVOSIBIRSK AVTOKOLONNA 1233	UR	S084223
550941N 0265346E	POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	UR	S084205
550941N 0265346E	POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	UR	

25X1

79
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1;X1

COORD	SUBJECT	COUN	ACCN NO.
550941N 0265346E	POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	UR	S084181
550941N 0265346E	POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	UR	
550941N 0265346E	POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	UR	S084177
550941N 0265346E	POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	UR	
550941N 0265346E	POSTAVY MOBILE IRBM BASE SS-20 DEPLOYMENT	UR	S084174
553630N 0345450E	POLICHNYA COMSAT STATION SUSP	UR	S083883
551918N 0364749E	NARO FOMINSK SRF RADCOM RCVR CPLX ORBITA STA	UR	
552130N 0373220E	KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	UR	S083889
552130N 0373220E	KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	UR	S083911
553525N 0370301E	GOLITSYNO RADIO COMMO RECEIVER CPLX ORBITA	UR	S083883
553648N 0375240E	MOSKVA SOLID MOTOR PROD PLANT SS-NX-17 EQUIP	UR	S083867
554700N 0373230E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	UR	S083906
554700N 0373230E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	UR	S083910
554846N 0373034E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	S084018
554846N 0373034E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	S084035
554817N 0373126E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	S084034
554817N 0373126E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	UR	S084019
555005N 0372616E	MOSKVA AIRCRAFT ENGINE PLANT 500 FLOORSPACE	UR	S084150
555023N 0372702E	MOSKVA GUIDED MSL PLT 82 RAM H MOCK-UP IDENT	UR	S084208
555644N 0375803E	MOSKVA/SHCHELKOVO ESV TRKG FAC DUAL-DOME BLDG	UR	S083896
555644N 0375803E	MOSKVA/SHCHELKOVO ESV TRACKING FACILITY	UR	S083883
553412N 0380728E	RAMENSKOYE FLIGHT TEST CENTER AREA 4	UR	S083899
553412N 0380728E	RAMENSKOYE FLIGHT TEST CENTER AREA 4	UR	S083909

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
553424N 0380819E	RAMENSKOYE FLIGHT TEST CENTER AREA 2 SUKHOY	UR	S084013
553424N 0380819E	RAMENSKOYE FLIGHT TEST CENTER AREA 2	UR	S084033
553424N 0380819E	RAMENSKOYE FLIGHT TEST CENTER AREA 2 YAKOLEV	UR	S084015
553424N 0380819E	RAMENSKOYE FLIGHT TEST CENTER AREA 2 MIKOYAN	UR	S084014
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER RAM K NEW	UR	S084065
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER RAM K NEW PROB	UR	S083743
553444N 0405418E	GUS KHRUSTALNYY COMSAT STATION CENTRAL	UR	S083883
555404N 0401901E	GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	UR	S083746
555404N 0401901E	GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	UR	
555404N 0401901E	GOLOVINO LASER TEST RANGE	UR	S084071
555009N 0483006E	ZELENODOLSK SHIPYARD 340	UR	S083866
555345N 0485007E	KAZAN MISSILE PROPULSION R+D FACILITY	UR	S084031
555345N 0485007E	KAZAN MISSILE PROPULSION R+D FACILITY	UR	S084030
555345N 0485031E	KAZAN LASER TEST RANGE POSS	UR	
555345N 0485031E	KAZAN LASER TEST RANGE POSS	UR	S084045
555345N 0485007E	KAZAN MISSILE PROPULSION R+D FACILITY	UR	
555345N 0485007E	KAZAN MISSILE PROPULSION R+D FACILITY	UR	S084044
555345N 0485031E	KAZAN LASER TEST RANGE POSS	UR	S084042
555345N 0485031E	KAZAN LASER TEST RANGE POSS	UR	
555345N 0485031E	KAZAN LASER TEST RANGE POSS	UR	S084043
555011N 0490511E	KAZAN AVTOKOLONNA 1186 SEARCH	UR	S084224
555140N 0490700E	KAZAN AIRFRAME PLANT GORBUNOV 22 EXPANSION	UR	S083823
555140N 0490700E	KAZAN AIRFRAME PLANT GORBUNOV 22	UR	S084011

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
555140N 0490700E	KAZAN AIRFRAME PLANT GORBUNOV 22	UR	S084029
550030N 0604445E	KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	UR	S084138
550030N 0604445E	KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	UR	

25X1

552545N 0651735E	KURGAN AGRICULTURAL MACH/ARMV VEH PLT BTR-60	UR	S084110
552545N 0651735E	KURGAN AGRICULTURAL MACH/ARMV VEH PLT BTR-60	UR	
550602N 0733456E	OMSK SRF ARMY COMMAND POST BKR COMSAT FACILS	UR	S083883
5503 N 08323 E	NOVOSIBIRSK AIR DEFENSE ZONE AREA STUDY	UR	S083982
551904N 0831001E	NOVOSIBIRSK MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	S084213
551904N 0831001E	NOVOSIBIRSK MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	
551647N 0894907E	UZHUR ICBM COMPLEX COMD POST BKR COMSAT FACS	UR	S083883
5657 N 02406 E	RIGA KGB/SIGNAL UNITS SEARCH	UR	S084187
564350N 0370600E	IVANKOVO ELECTRONICS R+D FACILITY PROB	UR	S083883
561200N 0381700E	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	S083886
561200N 0381700E	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	S083885
561200N 0381700E	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	S083915
561200N 0381700E	KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	UR	S083919
561351N 0400551E	VLADIMIR SRF ARMY HQ RDO XMTR BKR COMSAT FACS	UR	S083883
564405N 0404054E	TEYKOVO SSM COMPLEX ICBM SITES ANTS BURIED	UR	S083891
565040N 0403010E	TEYKOVO AIRFIELD	UR	S084243
565207N 0403046E	TEYKOVO ICBM COMPLEX CP BUNKER COMSAT FACILS	UR	S083883

82

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
561448N 0435341E	GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	UR	S084110
561448N 0435341E	GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	UR	
561925N 0434842E	GORKIY/SORMOVO RADAR ASSEMBLY + TEST AREA	UR	S084004
563407N 0480309E	YOSHKAR OLA ICBM COMPLEX CP BKR COMSAT FACILS	UR	S083883
565213N 0603707E	SVERDLOVSK GUIDED MISSILE PRODUCTION PLANT B	UR	S083870
560640N 0692820E	ISHIM ARMY BARRACKS AL1	UR	S083944
561419N 0921918E	GLADKAYA ICBM COMPLEX CP BKR COMSAT FACILS	UR	S083883
562324N 0922841E	GLADKAYA SSM COMPLEX ICBM SITE ANTS BURIED	UR	S083891
575734N 0312255E	STARAYA RUSSA AIRFIELD	UR	S084219
575204N 0334129E	YEDROVO ICBM COMPLEX CP BUNKER COMSAT FACILS	UR	S083883
575237N 0411628E	KOSTROMA ICBM HQ RADCOM RCVR BKR COMSAT FACS	UR	
572500N 0422820E	RESHMA AIRFIELD	UR	S084153
573558N 0561511E	PERM SSM COMPLEX ICBM SITE ANTENNAS BURIED	UR	S083891
574550N 0561125E	PERM ICBM HEADQUARTERS RADCOM RCVR COMSAT FAC	UR	S083883
580215N 0555026E	PERM PROPELLANT MANUFACTURING FACIL SEARCH	UR	S084151
580145N 0561708E	PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	UR	S084107
580145N 0561708E	PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	UR	
582122N 0922415E	YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	UR	S083883
582122N 0922415E	YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	UR	S084021
582643N 0921604E	YENISEYSK ESV TRACKING/MOLNIYA FACILITY	UR	S083883
594312N 0295120E	KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	UR	S084141
594312N 0295120E	KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	UR	
594300N 0301000E	LENINGRAD SPACE TRACKING FACILITY	UR	S083883
5951 N 03002 E	STRELNA NAVAL COMMO R+D FACILITY SEARCH	UR	S084124

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

COORD	SUBJECT	COUN	ACCN NO.
595233N 0301406E	LENINGRAD SHIPYARD ZHDANOV 190A CL CRUISER	UR	S084076
5954 N 03023 E	LENINGRAD NAVAL COMMO R+D FACILITY SEARCH	UR	S084124
595735N 0302120E	LENINGRAD AVIATION ELCT PROD TECH INST 17	UR	S084026
595735N 0302120E	LENINGRAD AVIATION ELCT PROD TECH INST IDENT	UR	S084020
595851N 0302023E	LENINGRAD AIRCRAFT ENGINE PLANT 117	UR	S083946
600520N 0302910E	LENINGRAD EXPLOSIVES R+D PLT PRPLNT MFG SRCH	UR	S084151
600520N 0302910E	LENINGRAD EXPLOSIVES R+D PLT PRPLN MFG SRCH	UR	
600600N 0303100E	TOKSOVO PROPELLANT R+D FACIL LASER RLTD INSTL	UR	S083865
603015N 0433600E	TARNOGSKIY GORODOK AIRFIELD	UR	S084244
610244N 0325846E	NURMALITSY AIRFIELD	UR	S084220
611546N 0731428E	SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	UR	S084169
611546N 0731428E	SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	UR	
625746N 0402346E	PLESETSK MTC	UR	S083999
625733N 0404102E	PLESETSK MTC SPACE SITE 3 REACTIVATION	UR	S084109
643420N 0394551E	SEVERODVINSK NAVAL BASE WEST	UR	S083822
643438N 0394832E	SEVERODVINSK SHIPYARD 402	UR	
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY Y CL DISMANTLING	UR	S084112
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	S083822
6408 N 07645 E	VENGAPUR TROPOSCATTER STATION SEARCH	UR	S084169
6455 N 07749 E	TARKO SALE TROPOSCATTER STATION SEARCH	UR	
6446 N 17737 E	ANADYR AIR DEFENSE ZONE AREA STUDY	UR	S083984
651230N 0571720E	PECHORA PHASED-ARRAY RADAR FACILITY ANT MSRMT	UR	S084024
652924N 0723727E	NADYM TROPOSCATTER + RADIO RELAY STATION SW	UR	S084169

25X1
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
655115N 0742854E	PRAVAYA KHETTA TROPOSCATTER STATION	UR	
6558 N 07825 E	URENGOY TROPOSCATTER STATION SEARCH	UR	
663121N 0345353E	KANDALAKSHSKIY ZALIV SOUND TRIALS RANGE	UR	S083872
674858N 0403219E	LUMBOVKA ASM/BOMBING RANGE PROB	UR	S084027
674858N 0403219E	LUMBOVKA ASM/BOMBING RANGE PROB	UR	
674858N 0403219E	LUMBOVKA ASM/BOMBING RANGE PROB	UR	S083907
674858N 0403219E	LUMBOVKA ASM/BOMBING RANGE PROB	UR	
690152N 0332517E	SEVEROMORSK AIRFIELD NAVAL A/C DISPLAY PROB	UR	S084210
690232N 0335815E	SHCHUCHITY NAVAL RADCOM RCVR BKR COMSAT FACIL	UR	S083883
691531N 0331923E	SAYDA GUBA SUBMARINE BASE SSBN DEPARTURE	UR	S084207
694553N 0613400E	AMDERMA AIRFIELD AA-5 ACTIVITY	UR	S084066
694553N 0613400E	AMDERMA AIRFIELD AA-5 ACTIVITY	UR	
6921 N 08821 E	NORILSK AIR DEFENSE ZONE AREA STUDY	UR	S083984
121030N 0715530W	BAHIA DE PORTETE NARCOTICS TRANSSHIPMENT AREA	CO	S084176
121030N 0715530W	BAHIA DE PORTETE NARCOTICS TRANSSHIPMENT AREA	CO	
2209 N 08027 W	CIENFUEGOS NAVAL ACTIVITY/CONSTRUCTION	CU	S084002
225216N 0823034W	SAN ANTONIO DE LOS BANOS ALFD FLOGGER IDENT	CU	S084064
705654N 1795430W	VRANGELYA OSTROV/SOMNITELNAYA AIRFIELD	UR	S084168
104400S 0252800E	KOLWEZI WAR DAMAGE	CG	S084063
254951S 0281322E	WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	SF	S084115
254951S 0281322E	WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	SF	
255516S 0323410E	LOURENCO MARQUES AIRFIELD HIP MI-8 IDENT	MZ	S084175
263810S 0270255E	POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	SF	S083876
263810S 0270255E	POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	SF	

25X1

TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1
25X1

COORD

SUBJECT

COUN

ACCN NO.

[Redacted]

25X1

3436 S 05827 W

BUENOS AIRES COMMUNICATIONS FACILITIES

AR

S083954

[Redacted]

25X1

PART V

Listing of Reports by WAC/BE Number

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
AIRCRAFT, CHECH A			UR	S084116
AIRCRAFT, CHUCK A			UR	
ELECTRONICS, PAT HAND RADAR			UR	S083961
ELECTRONICS, BAR BRICK RADAR MODIFICATIONS			UR	S083992
AIRCRAFT, FORGER A YAK-36			UR	S083935
AIRCRAFT, BADGER G TU-16 RADOME NEW			UR	S083965
AIRCRAFT, CANDID IL-76				S083881
AIRCRAFT, BACKFIRE B DPL CHARACTERISTICS			UR	S083986
AIRCRAFT, CLOBBER A YAK-42 SWEEP WING VERSION			UR	S083927
MILITARY, M-1977 240MM SELF-PROPELLED MORTAR			UR	S083734
MILITARY, MT-55 TANK LAUNCHED BRIDGE			CZ	S083875
SHIPS, KASHIN CLASS DDG SA-X-11 NAV VAR ARMED			UR	S083989
SHIPS, KARA CLASS CG REFIT/MODIFICATION			UR	S084058
MISSILES, SS-11 MOD 1 REENTRY VEHICLE DMNS			UR	S084120
SPACE, SL-11 LAUNCH VEHICLE			UR	S083912
SPACE, SL-12 FOURTH STAGE POSS			UR	S083904
MISSILES, ICBM TYPE 3D SILO CONSTRUCTION			UR	S084046
MISSILES, ICBM TYPE 3D SILO CONSTRUCTION			UR	S084017
MISSILES, CSS-2			CH	S083928
MISSILES, CSS-2			CH	S083895
MISSILES, AS-6			UR	S083962
MISSILES, AA-7 WEAPON SYSTEM EVALUATION MSL			UR	S083960
MISSILES, AA-8 WEAPON SYSTEM EVALUATION MSL			UR	

25X1

25X1

TOP SECRET CHESS RUFF

25X15X1

SUBJECT	COORD	COUN	ACCN NO.
SPACE, SALYUT-6 SPACE STATION		UR	S083917
AMDERMA AIRFIELD AA-5 ACTIVITY	694553N 0613400E	UR	S084066
AMDERMA AIRFIELD AA-5 ACTIVITY	694553N 0613400E	UR	
SAYDA GUBA SUBMARINE BASE SSBN DEPARTURE	691531N 0331923E	UR	S084207
SHCHUCHITY NAVAL RADCOM RCVR BKR COMSAT FACIL	690232N 0333815E	UR	S083883
SEVEROMORSK AIRFIELD NAVAL A/C DISPLAY PROB	690152N 0332517E	UR	S084210
VRANGELYA OSTROV/SOMNITELNAYA AIRFILLD	705654N 1793430W	UR	S084168
KANDALAKSHSKIY ZALIV SOUND TRIALS RANGE	663121N 0345353E	UR	S083872
LUMBOVKA ASM/BOMBING RANGE PROB	674858N 0403219E	UR	S084027
LUMBOVKA ASM/BOMBING RANGE PROB	674858N 0403219E	UR	
LUMBOVKA ASM/BOMBING RANGE PROB	674858N 0403219E	UR	S083907
LUMBOVKA ASM/BOMBING RANGE PROB	674858N 0403219E	UR	
SEVERODVINSK SHIPYARD 402	643438N 0394832E	UR	S083822
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	643445N 0394716E	UR	
SEVERODVINSK NAVAL BASE WEST	643420N 0394551E	UR	
SEVERODVINSK SHIPYARD YAGRY OSTROV	643514N 0394907E	UR	
SEVERODVINSK SHIPYARD YAGRY Y CL DISMANTLING	643514N 0394907E	UR	S084112
PECHOKA PHASED-ARRAY RADAR FACILITY ANT MSRMT	651230N 0571720E	UR	S084024
NADYM TROPOSCATTER + RADIO RELAY STATION SW	652924N 0723727E	UR	S084169
PRAVAYA KHETTA TROPOSCATTER STATION	655115N 0742854E	UR	
SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	611546N 0731428E	UR	
SURGUT RADIO RELAY + TV BDCST CTR BELYY YAR	611546N 0731428E	UR	
PLESETSK MTC SPACE SITE 3 REACTIVATION	625733N 0404102E	UR	S084109
NORMALITSY AIRFIELD	610244N 0325846E	UR	S084220
TARNOGSKIY GORODOK AIRFIELD	603015N 0433600E	UR	S084244
PLESETSK MTC	625746N 0402346E	UR	S083999

25X15X1

85

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COORD	COUN	ACCN NO.
TOKSOVO PROPELLANT R+D FACIL LASER RLTD INSTL	600600N 0303100E	UR	S083865
LENINGRAD EXPLOSIVES R+D PLT PRPLNT MFG SRCH	600520N 0302910E	UR	S084151
LENINGRAD EXPLOSIVES R+D PLT PRPLN MFG SRCH	600520N 0302910E	UR	
KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	594312N 0295120E	UR	S084141
KRASNOYE SELO ARMY BARRACKS VEHICLE PARK	594312N 0295120E	UR	
LENINGRAD SPACE TRACKING FACILITY	594300N 0301000E	UR	S083883
LENINGRAD AVIATION ELCT PROD TECH INST 17	595735N 0302120E	UR	S084026
LENINGRAD AVIATION ELCT PROD TECH INST IDENT	595735N 0302120E	UR	S084020
LENINGRAD SHIPYARD ZHDANOV 190A CL CRUISER	595233N 0301406E	UR	S084076
LENINGRAD AIRCRAFT ENGINE PLANT 117	595851N 0302023E	UR	S083946
STARAYA RUSSA AIRFIELD	575734N 0312255E	UR	S084219
IVANKOVO ELECTRONICS R+D FACILITY PROB	564350N 0370600E	UR	S083883
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	561200N 0381700E	UR	S083919
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	561200N 0381700E	UR	S083915
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	561200N 0381700E	UR	S083886
KRASNOARMEYSK FRAGMENTATION/MUN TEST AREA	561200N 0381700E	UR	S083885
GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	561448N 0435341E	UR	S084110
GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD	561448N 0435341E	UR	
TEYKOVO ICBM COMPLEX CP BUNKER COMSAT FACILS	565207N 0403046E	UR	S083883
YEDROVO ICBM COMPLEX CP BUNKER COMSAT FACILS	575204N 0334129E	UR	
GORKIY/SORMOVO RADAR ASSEMBLY + TEST AREA	561925N 0434842E	UR	S084004
KOSTROMA ICBM HQ RADCOM RCVR BKR COMSAT FACS	575237N 0411628E	UR	S083883
VLADIMIR SRF ARMY HQ RDO XMTR BKR COMSAT FACS	561351N 0400551E	UR	
RESHMA AIRFIELD	572500N 0422820E	UR	S084153

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
TEYKOVO AIRFIELD	565040N 0403010E	UR	S084243
TEYKOVO SSM COMPLEX ICBM SITES ANTS BURIED	564405N 0404054E	UR	S083891
YOSHKAK OLA ICBM COMPLEX CP BKR COMSAT FACILS	563407N 0480309E	UR	S083883
SVERDLOVSK GUIDED MISSILE PRODUCTION PLANT 8	565213N 0603707E	UR	S083870
PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	580145N 0561708E	UR	S084107
PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT	580145N 0561708E	UR	
PERM ICBM HEADQUARTERS RADCOM RCVR COMSAT FAC	574550N 0561125E	UR	S083883
PERM SSM COMPLEX ICBM SITE ANTENNAS BURIED	573558N 0561811E	UR	S083891
ISHIM ARMY BARRACKS AL1	560640N 0692820E	UR	S083944
YENISEYSK ESV TRACKING/MOLNIYA FACILITY	582643N 0921804E	UR	S083883
GLADKAYA ICBM COMPLEX CP BKR COMSAT FACILS	561419N 0921918E	UR	
YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	582122N 0922415E	UR	S084021
YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT	582122N 0922415E	UR	S083883
GLADKAYA SSM COMPLEX ICBM SITE ANTS BURIED	562324N 0922841E	UR	S083891
UZHUR ICBM COMPLEX COMD POST BKR COMSAT FAC	551647N 0894907E	UR	S083883
BIYSK SOLID MOTOR TEST AREA 2 SS-NX-17 EQUIP	523119N 0850154E	UR	S083867
ALEYSK ICBM COMPLEX CP BUNKERED COMSAT FACIL	522922N 0824457E	UR	S083883
NOVOSIBIRSK AVTOKOLONNA 1233	545752N 0824918E	UR	S084223
NOVOSIBIRSK MOBILE IRBM BASE 1 SS-1b/20 EQUIP	551904N 0831001E	UR	S084213
NOVOSIBIRSK MOBILE IRBM BASE 1 SS-1b/20 EQUIP	551904N 0831001E	UR	
OMSK ARMY BARRACKS CENTRAL AL2	545754N 0732306E	UR	S083944
OMSK ARMY BARRACKS SSE AL5	545304N 0732936E	UR	
OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	545048N 0732420E	UR	
OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	545048N 0732420E	UR	
OMSK ARMY BARRACKS AL6/SCHOOL/RSV EQUIP DEPOT	545048N 0732420E	UR	

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
OMSK SRF ARMY HQ RADCOM XMTR BKR COMSAT FACS	545613N 0740739E	UR	S083883
OMSK ARMY BARRACKS AL7	545300N 0732018E	UR	S083944
OMSK ARMY BARRACKS AL9 + HEADQUARTERS TK DIV	545740N 0732350E	UR	
OMSK SRF ARMY COMMAND POST BKR COMSAT FACILS	550602N 0733456E	UR	S083883
KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60	552545N 0651735E	UR	S084110
KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60	552545N 0651735E	UR	

25X1
25X1

KARTALY ICBM COMPLEX COMD POST BKR COMSAT FAC	530222N 0603634E	UR	S083883
KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	550030N 0604445E	UR	S084138
KAZANSKIY ARMY BARRACKS + TRAINING AREA AL1	550030N 0604445E	UR	
KUSTANAY AIRFIELD WEST AIRCRAFT COUNT	531226N 0633252E	UR	S084142
KAZAN LASER TEST RANGE POSS	555345N 0485031E	UR	S084045
KAZAN LASER TEST RANGE POSS	555345N 0485031E	UR	S084043
KAZAN LASER TEST RANGE POSS	555345N 0485031E	UR	S084042
KAZAN LASER TEST RANGE POSS	555345N 0485031E	UR	S084030
KAZAN AIRFRAME PLANT GORBUNOV 22 EXPANSION	555140N 0490700E	UR	S083823
KAZAN AIRFRAME PLANT GORBUNOV 22	555140N 0490700E	UR	S084029
KAZAN AIRFRAME PLANT GORBUNOV 22	555140N 0490700E	UR	S084011
KUYBYSHEV AIRFRAME PLANT LENIN 18 EXPANSION	531300N 0501814E	UR	S083823
KUYBYSHEV AIRFRAME PLANT LENIN 18 ASBLY BLDG	531300N 0501814E	UR	S084011
UFA AIRCRAFT ENGINE PLANT B26	544810N 0560354E	UR	S083945
ZELENODOLSK SHIPYARD 340	555009N 0483006E	UR	S083866

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COORD	COUN	ACCN NO.
KAZAN MISSILE PROPULSION R+D FACILITY	555345N 0485007E	UR	S084045
KAZAN MISSILE PROPULSION R+D FACILITY	555345N 0485007E	UR	S084044
KAZAN MISSILE PROPULSION R+D FACILITY	555345N 0485007E	UR	S084042
KAZAN MISSILE PROPULSION R+D FACILITY	555345N 0485007E	UR	S084031
KAZAN MISSILE PROPULSION R+D FACILITY	555345N 0485007E	UR	S084030
KAZAN AVTOKOLONNA 1186 SEARCH	555011N 0490511E	UR	S084224
BELOOMUT COMSAT STATION	545740N 0392600E	UR	S083883
GOLOVINO LASER TEST RANGE	555404N 0401901E	UR	S084071
GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	555404N 0401901E	UR	S083746
GOLOVINO LASER TEST RNGE FLAP WHEEL RDR IDENT	555404N 0401901E	UR	

25X1
25X1

LIPETSK TRACTOR PLANT	523304N 0393451E	UR	S083613
GUS KHRUSTALNYY COMSAT STATION CENTRAL	553444N 0405418E	UR	S083883
RAMENSKOYE FLIGHT TEST CENTER AREA 2	553424N 0380819E	UR	S084033
RAMENSKOYE FLIGHT TEST CENTER AREA 2 YAKOLEV	553424N 0380819E	UR	S084015
RAMENSKOYE FLIGHT TEST CENTER AREA 2 MIKOYAN	553424N 0380819E	UR	S084014

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COORD	COUN	ACCN NO.
RAMENSKOYE FLIGHT TEST CENTER AREA 2 SUKHOY	553424N 0380819E	UR	S084013
RAMENSKOYE FLIGHT TEST CENTER AREA 4	553412N 0380728E	UR	S083909
RAMENSKOYE FLIGHT TEST CENTER AREA 4	553412N 0380728E	UR	S083899
POLICHNYA COMSAT STATION SUSP	553630N 0345450E	UR	S083883
KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	552130N 0373220E	UR	S083911
KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR	552130N 0373220E	UR	S083889
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	554846N 0373034E	UR	S084035
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	554846N 0373034E	UR	S084018
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	554817N 0373126E	UR	S084034
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115	554817N 0373126E	UR	S084019
MOSKVA GUIDED MSL PLT 82 RAM H MOCK-UP IDENT	555023N 0372702E	UR	S084208
MOSKVA AIRCRAFT ENGINE PLANT 500 FLOORSPACE	555005N 0372616E	UR	S084150
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	554700N 0373230E	UR	S083910
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51	554700N 0373230E	UR	S083906
RAMENSKOYE FLIGHT TEST CENTER RAM K NEW PROB	553418N 0380923E	UR	S083743
RAMENSKOYE FLIGHT TEST CENTER RAM K NEW	553418N 0380923E	UR	S084065
GOLITSYNO RADIO COMMO RECEIVER CPLX ORBITA	553525N 0370301E	UR	S083883
NARO FOMINSK SRF RADCOM RCVR CPLX ORBITA STA	551918N 0364749E	UR	
MOSKVA/SHCHELKOVO ESV TRKG FAC DUAL-DOME BLDG	555644N 0375803E	UR	S083896
MOSKVA/SHCHELKOVO ESV TRACKING FACILITY	555644N 0375803E	UR	S083883
SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	544910N 0320245E	UR	S083823
SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN	544910N 0320245E	UR	
MOSKVA SOLID MOTOR PROD PLANT SS-NX-17 EQUIP	553648N 0375240E	UR	S083867

25X1
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
KOZELSK ICBM HQ RADCOM RCVR BKR COMSAT FACILS	540358N 0354620E	UR	S083883
KOLOMNA RADCOM XMTR GENERAL STAFF COMSAT FACILS	545930N 0385650E	UR	
KOZELSK SSM COMPLEX ICBM SITES ANTS BURIED	540734N 0352922E	UR	S083891
SMORGON MOBILE IRBM BASE 1 U/C IDENT	543151N 0261723E	UR	S083745
VOLKOVYSK/KRYNKI RAIL LINE TRANSLOADING FACILS	530851N 0242549E	UR	S084081
KRYNKI/VOLKOVYSK RAIL LINE TRANSLOADING FACILS	530510N 0234840E	PL	
MOZYK MRBM DIVISION HEADQUARTERS COMSAT STA	520432N 0290625E	UR	S083883
POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	550941N 0265346E	UR	S084181
POSTAVY MOBILE IRBM BASE SS-20 MOCK-UPS U/C	550941N 0265346E	UR	
POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	550941N 0265346E	UR	S084177
POSTAVY MOBILE IRBM BASE SS-20 CF/DECEPTION	550941N 0265346E	UR	
POSTAVY MOBILE IRBM BASE SS-20 DEPLOYMENT	550941N 0265346E	UR	S084174
POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	550941N 0265346E	UR	S084205
POSTAVY MOBILE IRBM BASE CAMOUFLAGE ACTIVITY	550941N 0265346E	UR	
SZCZELCIN SHIPYARD A WARSKI	532635N 0143448E	PL	S083862
GDANSK SHIPYARD NORTH STUCZNIA POLNOCNA	542207N 0183844E	PL	S083869
BALTIYSK NAVAL BASE 820B CLASS LPD IDENT	543825N 0195445E	UR	S084067
BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	543818N 0195659E	UR	S084057
BALTIYSK MISSILE PTL BOAT BASE/SHPYD MATKA CL	543818N 0195659E	UR	
BAGRATIONOVSK ARMY BKS KGB/SIGNAL UNITS SRCH	542242N 0203739E	UR	S084187

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT

COORD

COUN

ACCN NO.

25X1
25X1

GOLENIOW PETROLEUM PRODUCTS STORAGE NORTH
GOLENIOW ARMY BARRACKS NE
GOLENIOW MILITARY STORAGE FACILITY

533656N 0144923E PL S084246
533610N 0145510E PL
533510N 0145542E PL

25X1

KALININGRAD COMMAND CONTROL FACS NORTH COMSAT

545720N 0201645E UR S083883

25X1

POGRANICHNYY ESV TRACKING MOLNIYA FACILITY
PETROPAVLOVSK ARMY BARRACKS AL22 + HQ MRD
PETROPAVLOVSK ARMY BARRACKS AL24
PETROPAVLOVSK ARMY BARRACKS AL25
PETROPAVLOVSK ARMY BARRACKS AL26
YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS
YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS
PARATUNKA NAVAL RADCOM RCVR HARD COMSAT FAC
CHITA SRF ARMY HQ RADIO COMMO XMTR BKR HARD
CHITA SRF ARMY COMMAND POST COMSAT FACILS MBL
MISHELEVKA HEN HOUSE RADAR FACIL COMSAT FACIL
IRKUTSK COMSAT STATION NNE
IRKUTSK AVTOKOLONNA 1258

530546N 1582039E UR S083883
530324N 1584957E UR S083718
530344N 1583812E UR S083721
525925N 1584558E UR S083719
530159N 1584013E UR S083720
531153N 1582656E UR S084021
531153N 1582656E UR S083883
530126N 1581434E UR
520324N 1131137E UR
520905N 1133215E UR
525232N 1031536E UR
522339N 1042223E UR
521819N 1041743E UR S084186

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
IRKUTSK AVTOKOLONNA 1257	521831N 1041805E	UR	S084185
IRKUTSK COMSAT STATION NORTH	522354N 1042236E	UR	S083883
DARASUN COMSAT STATION	512820N 1135140E	UR	
ULAN UDE AIRFRAME PLANT 99	515123N 1074344E	UR	S084079
DROVYANAYA ICBM COMPLEX CP BKR COMSAT FACILS	513310N 1130152E	UR	S083883
ULAN UDE ESV TRACKING FACILITY	515223N 1075650E	UR	
ULAN UDE ESV TRACKING FACIL DUAL-DOMED BLDG	515223N 1075650E	UR	S083896
DROVYANAYA SSM COMPLEX ICBM SITES ANTS BURIED	512743N 1131147E	UR	S083891
OLOVYANNAYA ICBM COMPLEX CP BKR COMSAT FACILS	504925N 1154810E	UR	S083883
OLOVYANNAYA SSM CPLX ICBM SITES ANTS BURIED	505333N 1161013E	UR	S083891
ZAVITINSK MILITARY BKS AL1 COMBAT DIV NEW	500530N 1292538E	UR	S084178
SVOBODNY ICBM COMPLEX CP BKR COMSAT FACILS	514550N 1280749E	UR	S083883
SVOBODNY ICBM SITE 10 CAMOUFLAGE ACTIVITY	514721N 1280909E	UR	S084070
SVOBODNY ICBM SITE 10 CAMOUFLAGE ACTIVITY	514721N 1280909E	UR	
BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	505500N 1283015E	UR	S084062
BELOGORSK ARMY BKS AL3 TROPO EQUIP INCREASE	505500N 1283015E	UR	
SVOBODNY ICBM HQ RADCOM XMTR NORTH COMSAT	513847N 1280737E	UR	S083883
SVOBODNY SSM COMPLEX ICBM SITES ANTS BURIED	513241N 1280833E	UR	S083891
TYK MYS ASM RANGE PROB	514346N 1414027E	UR	S084032
TYK MYS ASM RANGE PROB	514346N 1414027E	UR	S084023
KOMSOMOLSK COMSAT STATION NW	504140N 1364455E	UR	S083883
KOMSOMOLSK SHIPYARD AMUR 199	503232N 1370248E	UR	S083777

25X15X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
KHABAROVSK RADIO COMMO RCVR KGB COMSAT FAC	482809N 1351524E	UR	S083883
ANASTASYEVKA RADIO COMMO RCVR STA COMSAT FACS	483547N 1353429E	UR	
SARAPULSKOYE RADIO COMMO RCVR STA COMSAT FACS	485045N 1355825E	UR	
KOMSOMOLSK COMSAT CONTROL STATION KHURMULI	510142N 1364950E	UR	
STRAZ POD RALSKEM ARMY BARRACKS 201	504150N 0144824E	CZ	S083864
STRAZ POD RALSKEM ARMY BARRACKS 202	504205N 0144820E	CZ	
LUSTENICE COMSAT STATION C6F	501850N 0145510E	CZ	S083883
PRZEMYSL ARMY BARRACKS NORTH 1	494741N 0224608E	PL	S084249
PRZEMYSL ARMY BARRACKS ZURAWICA 3	494833N 0224845E	PL	
KOLUSZKI ORDNANCE DEPOT WEST 503	514309N 0194155E	PL	S084248
PRZEMYSL ARMY BARRACKS	494735N 0224605E	PL	S084249
PRZEMYSL ARMY BARRACKS PIKULICKIE	494517N 0224722E	PL	
WROCLAW ARMY BARRACKS 2	510828N 0170423E	PL	S083947
WROCLAW ARMY BARRACKS 203 KARLOWICE	510834N 0170406E	PL	
WROCLAW ARMY BARRACKS 7 ROSENTHAL	510853N 0170109E	PL	
WROCLAW ARMY BARRACKS 8	510707N 0170124E	PL	
WROCLAW ARMY BARRACKS 19	510406N 0170015E	PL	
PRZEMYSL RAILROAD ENGINEER BARRACKS 9	494659N 0224830E	PL	S084249
LUBLIN MILITARY WAREHOUSE STORAGE NORTH 1	512230N 0224030E	PL	S084184
WROCLAW ARMY BARRACKS 22	510828N 0165125E	PL	S083947
VINOGRADOV/HALMEU RAIL LINE XLDG FACILS	480805N 0225939E	UR	S084084
VINNITSA SRF ARMY HQ RDO XMTR BKR COMSAT FACS	493030N 0280010E	UR	S083883
KIYEV AERODYNAMIC TEST FACILITY	504450N 0303120E	UR	S083892
KIYEV AERODYNAMIC TEST FACILITY	504450N 0303120E	UR	S083913

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	504544N 0263218E	UR	S084154
ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	504544N 0263218E	UR	
ROVNO ARMY/SAM TRNG AREA 1 HELI RANGE INAC	504544N 0263218E	UR	
VINNITSA SRF ARMY/LRA HQ RADCOM XMTR COMSAT	491237N 0281711E	UR	S083883
PERVOMAYSK ICBM COMPLEX CP BKR COMSAT FACILS	480600N 0305207E	UR	
KHELNITSKIY ICBM COMPLEX CP BKR COMSAT FACS	492329N 0270403E	UR	
PERVOMAYSK SSM COMPLEX ICBM SITE ANTS BURIED	481224N 0305416E	UR	S083891
PERVOMAYSK SSM COMPLEX	481224N 0305416E	UR	S083930
DERAZHNYA SSM COMPLEX ICBM SITES ANTS BURIED	491254N 0270818E	UR	S083891
DERAZHNYA SSM COMPLEX	491254N 0270818E	UR	S083931
VORONEZH AIRFRAME PLANT 64 EXPANSION	513819N 0391517E	UR	S083823
VORONEZH AIRFRAME PLANT 64 ASSEMBLY BLDG U/C	513819N 0391517E	UR	S084011
PAVLOGRAD SOLID MOTOR TEST FAC SS-NX-17 EQUIP	482605N 0355817E	UR	S083867
VERKHNIY BASKUNCHAK MISSILE TRACKING FACILITY	481129N 0464131E	UR	S083900
AKHTUBINSK ORDNANCE TEST AREA 4	482600N 0462300E	UR	S083925
AKHTUBINSK ORDNANCE TEST AREA 4	482600N 0462300E	UR	S083902
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	483000N 0461500E	UR	S083925
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	483000N 0461500E	UR	
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	483000N 0461500E	UR	S083902
KAPUSTIN YAR MTC ORDNANCE TEST REAR L	483000N 0461500E	UR	
SARATOV AIRFRAME PLANT 292 EXPANSION	512948N 0455703E	UR	S083823
VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	484804N 0443628E	UR	S083940
VOLGOGRAD TRACTOR + ARMORED VEHICLE PLANT	484804N 0443628E	UR	
TATISHCHEVO ICBM COMPLEX CP BKR COMSAT FACILS	514044N 0453728E	UR	S083883
KAPUSTIN YAR MTC MRBM/IRBM TRNG MAZ VEH IDENT	483647N 0460935E	UR	S083821

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT

COORD

COUN

ACCN NO.

25X1

AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY

482220N 0465830E UR S083903

AKHTUBINSK ORDNANCE TEST AREA 2 TURGAY

482220N 0465830E UR S083908

AKHTUBINSK ORDNANCE TEST AREA 1

482039N 0462000E UR S083902

AKHTUBINSK ORDNANCE TEST AREA 1

482039N 0462000E UR S083925

TATISHCHEVO SSM CPLX ICBM SITE ANTS BURIED

515042N 0454042E UR S083891

KAPUSTIN YAR MTC

484107N 0455853E UR S083894

EMBA MTC OPERATIONS SUPT AREA SA-X-11 TEL NEW

4842 N 05805 E UR S083893

EMBA MTC OPERATIONS SUPT AREA SA-9 TEL SRCH

4842 N 05805 E UR S084016

EMBA MTC LAUNCH COMPLEX SA-X-11 TEL NEW

483103N 0580207E UR S083893

EMBA MTC COMPLEX A SA-6 PROB ANALYSIS

483103N 0580207E UR S084117

EMBA MTC COMPLEX C TEL/CANISTER DIMENSIONS

483103N 0580207E UR S084028

EMBA MTC COMPLEX B/C SAM ACTIVITY

483103N 0580207E UR S084016

DOMBAROVSKIY ICBM COMPLEX CP BKR COMSAT FACS

510146N 0595227E UR S083883

ORENBURG SRF ARMY HEADQUARTERS COMSAT STATION

514648N 0551030E UR

IMENI GASTELLO ICBM COMPLEX CP BKR COMSAT FAC

510728N 0662026E UR

25X1

ZHANGIZTOBE ICBM COMPLEX CP BKR COMSAT FACS
SARY OZEK COMSAT STATION

491228N 0811051E UR S083883
442500N 0775645E UR

SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT

455200N 0733100E UR S083920

SARY SHAGAN MTC R+D CPLX LINEAR TEST FAC SUSP

455200N 0733100E UR S083921

SARY SHAGAN MTC R+D COMPLEX BLDG/CONDUIT U/I

455200N 0733100E UR S083918

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT	455200N 0733100E	UR	S083890
SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	455045N 0733104E	UR	S084203
SARY SHAGAN MTC R+D CPLX A POINTER/TRACKER	455045N 0733104E	UR	S084068
SARY SHAGAN COMSAT STATION TYPE C	463837N 0743105E	UR	S083883
SARY SHAGAN ESV TRACKING/MOLNIYA FACILITY	455338N 0733727E	UR	
SARY SHAGAN MTC R+D RDR FAC PHASED-ARRAY RDR	460010N 0733859E	UR	S083733
SARY SHAGAN MTC COMPLEX F ABM RELATED ACT	462629N 0725108E	UR	S083744
TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	455424N 0631837E	UR	S084060
TYURATAM MTC ICBM SUPPORT FACIL 1 SLV CMPNT	455424N 0631837E	UR	
TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	460324N 0625626E	UR	S083904
TYURATAM MTC ICBM SUPPORT FACIL 7 SL-12 POSS	460324N 0625626E	UR	
TYURATAM MTC SPACE SITE G3/4 SL-12 SLV	460423N 0625849E	UR	S084025
TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	455426N 0632015E	UR	S083926
TYURATAM MTC ESV TRACKING FAC DUAL-DOMED BLDG	455426N 0632015E	UR	S083896
TYURATAM MTC SITE U1/2 SL-12/13 SLV	460214N 0630212E	UR	S084171
ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA	464617N 0612048E	UR	S084072
TYURATAM MTC ICBM DIV CP BKR COMSAT FACILS	455911N 0630757E	UR	S083883
ZAPOROZHYE AIRCRAFT ENGINE PLT 478 FLOORSPACE	474928N 0351147E	UR	S084152
ROSTOV AIRFRAME PLANT 168	471516N 0394318E	UR	S084077
BALAKLAVA MTC SLBM TRANSPORTERS	443014N 0333122E	UR	S084123
NIKOLAYEV SHIPYARD NORTHERN 61 KARA CLASS CG	465840N 0320019E	UR	S084058
YEVPATORIYA DEEP SPACE TRACKING FACIL NORTH	451325N 0330955E	UR	S083883
SIMFEROPOL SPACE FLIGHT CENTER DISH ANTENNAS	450326N 0335342E	UR	
DOBROALEKSANDROVKA RADCOM RCVR KGB COMSAT FA	462010N 0303310E	UR	
BAKHCHISARAY NAVAL RADCOM RCVR STA COMSAT FA	444440N 0333640E	UR	

25X1
25X1

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUBJECT	COORD	COUN	ACCN NO.
SZABADSZALLAS AMMUNITION DEPOT	465400N 0191255E	HU	S084218
ARSENYEV AIRFRAME PLANT 116	440859N 1331523E	UR	S084075
NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	440725N 1332810E	UR	S083948
NOVOSYSOYEVKA IRBM SITE 2 203MM SP GUN IDENT	440725N 1332810E	UR	
GALENKI ESV TRACKING/MOLNIYA FACILITY	440130N 1314545E	UR	S083883
IMAN ARMY BARRACKS EAST AL7	455410N 1335020E	UR	S083717
LYALICHI ARMY BARRACKS AL1	440138N 1322346E	UR	S083714
LYALICHI ARMY BARRACKS AL2	440238N 1322627E	UR	S083715
HAERHPIN AMMUNITION PLANT	454815N 1264258E	CH	S083722
MANDALGOVI ARMY BARRACKS AL1	454459N 1061443E	MG	S084136
SHUANGCHENGZU MTC SSM TRACKING FACILITY 24	404324N 0995939E	CH	S083897
HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	410120N 1001312E	CH	
HSIMIAO ARMY BARRACKS AL1 ELCT VANS SEARCH	410120N 1001312E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 12	412145N 1001948E	CH	S083901
SHUANGCHENGZU MTC SSM TRACKING FACILITY 10	411735N 1002000E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 19	412045N 1001943E	CH	S083897
SHUANGCHENGZU MTC SSM TRACKING FACILITY 11	411755N 1001928E	CH	S083901
SHUANGCHENGZU MTC SSM TRACKING FACILITY 01	411947N 1002150E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 06	411548N 1002050E	CH	
TIENTSUNGTAWAN SSM TRACKING FACILITY	404604N 0995421E	CH	S083897
SHUANGCHENGZU MTC SSM TRACKING FACILITY 23	405759N 1001448E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 17	403352N 0992705E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 05	413951N 0995737E	CH	S083901
SHUANGCHENGZU MTC SSM TRACKING FACILITY 08	410749N 1000523E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 02	412400N 1002157E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 03	412721N 1001333E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 04	412844N 1000504E	CH	
SHUANGCHENGZU MTC SSM TRACKING FACILITY 07	411207N 1001200E	CH	

25X15X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
SHUANGCHENG TZU MTC SSM TRACKING FACILITY 20	403830N 1000300E	CH	S083897
SHUANGCHENG TZU MTC SSM TRACKING FACILITY 22	403715N 1002330E	CH	
SHUANGCHENG TZU MTC SSM TRACKING FACILITY 21	402800N 0995500E	CH	
SHUANGCHENG TZU MTC REVETTED STORAGE/HDLG ANTS	410822N 1001552E	CH	
PAOTOU MISSILE + ARTILLERY PLANT 447	404105N 1095235E	CH	S084122
PAOTOU MISSILE + ARTILLERY PLANT 447	404105N 1095235E	CH	
SHENYANG AIRFRAME PLANT 112 WIND TUNNEL	415208N 1232600E	CH	S083922
POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	435700N 1314032E	UR	S083883
POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC	435700N 1314032E	UR	S084021
TIMPUR NAVAL RADIO COMMO RCVR BKR COMSAT FAC	431214N 1320726E	UR	S083883
ARTEM ARMY BARRACKS AL4	432200N 1321600E	UR	S083716
ROMANOVKA AIRFIELD WEST VTOL PADS U/C	431431N 1321930E	UR	S084206
BATUMI ARMY BARRACKS SOUTH AL3	413547N 0413811E	UR	S084082
SUKHUMI AVTOKOLONNA 2658	430022N 0410007E	UR	S084139
SUKHUMI AVTOKOLONNA 2654	425942N 0405923E	UR	S084140
TBILISI AVTOKOLONNA 2651	414120N 0445155E	UR	S084155
TBILISI AVTOKOLONNA 2652	414325N 0444600E	UR	S084156
TBILISI AVTOKOLONNA 2656	414321N 0444553E	UR	S084157
MURUNTAU GOLD ORE CONCENTRATION PLANT	412830N 0643120E	UR	S084121
TASHKENT AIRFRAME PLANT B CHKALOV 84 EXP SN	411802N 0691904E	UR	S083823
FRUNZE AVTOKOLONNA 2901	425145N 0743109E	UR	S083933
LENINGRAD AVTOKOLONNA 2928	401455N 0694140E	UR	S084137
HAIYEN/KOERHMU RAIL LINE TRACK NEW	371115N 1002430E	CH	S083951

25X1

25X1

25X1

102
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
SERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR SERAIDI AW RADAR FAC COMMO SYS/SUPT FAC INCR	365303N 0073822E 365303N 0073822E	AG AG	S084008
TAE RI MILITARY BARRACKS MRL NEW PRODUCTION TAE RI MILITARY BARRACKS MRL NEW PRODUCTION	385030N 1253040E 385030N 1253040E	KN KN	S083949
PYONGYANG MANEUVER AREA SE TRAINING EXER SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE	385650N 1255400E 394510N 1244915E 394510N 1244915E	KN KN KN	S083818
PEICHING MECHANICS INSTITUTE	395901N 1161915E	CH	S083888
PEICHING MECHANICS INSTITUTE WIND TUNNEL	395901N 1161915E	CH	S083922
PEICHING MECHANICS INSTITUTE WIND TUNNEL	395901N 1161915E	CH	S083924
PEICHING GUIDED MISSILE DPC WIND TUNNEL	394849N 1160805E	CH	S083922
PEICHING ELECTRONICS RSCH INST ACADY SCIENCE	395901N 1161915E	CH	S083923
WUCHAI MTC IRBM SITE A INSTRUMENTATION FACILS WUCHAI MTC ICBM SITE B INSTRUMENTATION FACILS WUCHAI MTC SITE D INSTRUMENTATION FACILITIES WUCHAI MTC INSTRUMENTATION FACILITIES	384952N 1113618E 385255N 1113527E 385044N 1113649E 384950N 1113620E	CH CH CH CH	S083882
HSIAN AVIATION INSTITUTE WIND TUNNEL	341451N 1085425E	CH	S083922
CHIUMENGCHIN SSM FIELD POSITION	344809N 1124025E	CH	S083884
OKBA IBN NAFA AIRFIELD AIRCRAFT DISPLAY	325346N 0131632E	LY	S084211
EL UOTIA AIRFIELD MIRAGE F-1 IDENTIFICATION	322805N 0115346E	LY	S084209
WUHSI NAVAL RESEARCH FACILITY WIND TUNNEL	312852N 1201503E	CH	S083922

25X1
25X1
25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
TATIPING IRON PLANT	315740N 1080030E	CH	S083731
TIENCHIAPA IRON PLANT	315610N 1090315E	CH	
WUTU HEAVY FABRICATION INDUSTRY	315230N 1044625E	CH	
CHUNGCHING IRON + STEEL PLANT 2	293530N 1062640E	CH	
TUMENCHANG IRON PLANT	312030N 1040200E	CH	
KUNGHSIEN IRON PLANT	282330N 1044700E	CH	
CHUNGCHING IRON + STEEL PLANT 1	292853N 1062928E	CH	
CHUNGCHING IRON + STEEL PLANT 3	293440N 1063245E	CH	
CHICHIANG IRON + STEEL PLANT SANCHICHANG	285627N 1064153E	CH	
CHENGTO STEEL TUBE PLANT	303820N 1040640E	CH	
CHIANGYU IRON + STEEL PLANT	314535N 1044540E	CH	
CHUNGCHING STEEL PLANT LIUCHIAPU	292642N 1062904E	CH	
TOUTANG IRON + STEEL PLANT	263530N 1045300E	CH	S084003
HSICHANG IRON + STEEL PLANT	275345N 1021345E	CH	S083731
KUEIYANG IRON + STEEL PLANT	263320N 1064358E	CH	S084003
TATUKOU IRON + STEEL PLANT	263440N 1014130E	CH	S083731
KUNMING SSM FIELD POSITION LAUNCH PAD MODIF	245208N 1025347E	CH	S084183
TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	252600N 1092730E	CH	S084170
TANCHOU MILITARY STORAGE FAC PROB CSS-3 EQUIP	252600N 1092730E	CH	
HUNGTAO RADIO RELAY STATION BUNKERED	255518N 1130010E	CH	S083958
SAN ANTONIO DE LOS BANOS ALFD FLOGGER IDENT	225216N 0823034W	CU	S084064
TUAN RADIO RELAY STATION	235640N 1080452E	CH	S083957
PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	163200N 1113602E	PF	S084086
PATTLE ISLAND CHINESE MILITARY/NAVAL ACT	163200N 1113602E	PF	
WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	165000N 1122000E	PF	S084087
WOODY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	165000N 1122000E	PF	
MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	162630N 1113030E	PF	S084085
MONEY ISLAND CHINESE MILITARY/NAVAL ACTIVITY	162630N 1113030E	PF	
SRI HARIKOTA ISLAND ROCKET MTR TEST SLV-3 AC	134456N 0801412E	TN	S084059

25X25X1

104

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SUBJECT	COORD	COUN	ACCN NO.
ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	130030N 0424530E	ET	S084180
ASEB PORT FACILS PASSENGER SHIP AFRICA CUBA	130030N 0424530E	ET	S084179
ASEB PORT FACS FISHBED MIG-21 SHIPPING CONTS	130030N 0424530E	ET	S084180
ADUWA INFANTRY BRIGADE PROB DEPLOYED	140930N 0385330E	ET	S084172
GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	123052N 0372644E	ET	S084212
GONDAR AIRFIELD BRIGADE NEW DEPLOYMENT	123052N 0372644E	ET	
AXUM AIRFIELD INFANTRY BRIGADE PROB	140715N 0384300E	ET	S084204
AXUM AIRFIELD INFANTRY UNIT DEPLOYED	140715N 0384300E	ET	S084173
AXUM AIRFIELD INFANTRY UNIT DEPLOYED	140715N 0384300E	ET	
AXUM AIRFIELD INFANTRY BRIGADE PROB	140715N 0384300E	ET	S084204
BAHIA DE PORTETE NARCOTICS TRANSSHIPMENT AREA	121030N 0715530W	CO	S084176
BAHIA DE PORTETE NARCOTICS TRANSSHIPMENT AREA	121030N 0715530W	CO	
KOLWEZI WAR DAMAGE	104400S 0252800E	CG	S084063
LOURENCO MARQUES AIRFIELD HIP MI-8 IDENT	255516S 0323410E	MZ	S084175
POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	263810S 0270255E	SF	S083876
POTCHEFSTROOM MUNITIONS R+D + TRNG FAC IDENT	263810S 0270255E	SF	
WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	254951S 0281322E	SF	S084115
WATERKLOFF AIRFIELD CROTALE SAM GAR IDENT	254951S 0281322E	SF	

25X1

25X1

105
TOP SECRET CHESS RUFF

25X1

PART VI

Listing of Reports by Accession Number

TOP SECRET CHESS RUFF

25X1
25X1

25X1

DIA NBRG NDA07-5115-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083714

LYALICHI ARMY BARRACKS AL1

UR 440138N 1322346E
NPIC NO : - 30-B8

25X1
25X1

DIA NBRG NDA07-5116-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083715

LYALICHI ARMY BARRACKS AL2

UR 440238N 1322627E
NPIC NO : - 30-B6

25X1
25X1

DIA NBRG NDA07-5117-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083716

ARTEM ARMY BARRACKS AL4

UR 432200N 1321600E
NPIC NO : - 1-J1

25X1
25X1

DIA NBRG NDA07-5118-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083717

IMAN ARMY BARRACKS EAST AL7

UR 455410N 1335020E
NPIC NO : - 11-G

25X1
25X1

DIA NBRG NDA07-5119-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083718

PETROPVLOVSK ARMY BARRACKS AL22 + HQ MRD

UR 530324N 1584957E
NPIC NO : - 11-L1

25X1

TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

DIA NBRG NDA07-5120-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083719
PETROPAVLOVSK ARMY BARRACKS AL25 UR 525925N 1584558E

[Redacted]

25X1

DIA NBRG NDA07-5121-78 25 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083720
PETROPAVLOVSK ARMY BARRACKS AL26 UR 530159N 1584013E

[Redacted]

25X1

DIA NBRG NDA07-5122-78 28 APR 78 SEC CLASS: 05G MSN: 1P ACCN: S083721
PETROPAVLOVSK ARMY BARRACKS AL24 UR 530344N 1583812E

[Redacted]

25X1

[Large Redacted Area]

25X1

[Redacted]

25X1

25X1

Page Denied

Next 2 Page(s) In Document Denied

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

[Redacted]

25X1
23X1

[Large Redacted Area]

25X1

AF ENDR

03002-78 20 MAR 78

SEC CLASS: 00 MSN:

1P

ACCN: S083766

TOP SECRET CHESS RUFF

[Redacted]

[Redacted]

25X1
23X1

TOP SECRET CHESS RUFF

25X1
25X1

SPACE, METEOR-2 METEOROLOGICAL SATELLITE
WAC NO :
IDHS CODE:

BE/OBJ NO:

UR
NPIC NO :
COMIREX NO:

25X1

25X1

NPIC IIR IIR027-78 08 MAY 78

SEC CLASS: 056 MSN:

6P

ACCN: S083818

MILITARY TRAINING EXERCISES

WAC NO :
IDHS CODE:

BE/OBJ NO:

KN
NPIC NO :
COMIREX NO:

PYONGYANG MANEUVER AREA SE TRAINING EXER

KN 385650N 1255400E

25X1

25X1

SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE

KN 394510N 1244915E

113

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SONCHON AIRFIELD SW ROCKET LAUNCHER EXERCISE KN 394510N 1244915E

25X1

PYONG NI RIVER CROSSING EXERCISE KN 392140N 1255520E

25X1

WAC NO : 0380 BE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

25X1

CHUNGSAN UP AAA EXERCISE KN 390710N 1251715E

25X1

WAC NO : 0380 BE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

PYONGYANG FIELD ARTILLERY EXERCISE KN 390500N 1260540E

25X1

WAC NO : 0380 BE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

ARMOR, ARTILLERY, AND ENGINEER TRAINING EXERCISES WERE OBSERVED IN THE NORTH KOREAN THIRD CORPS AREA ON
IMAGERY ALL OF THE EXERCISES OBSERVED WERE OF REGIMENT SIZE OR LARGER, INCLUDING ONE
DIVISION-SIZED, COMBINED-ARMS EXERCISE WHICH IS THE LARGEST EXERCISE EVER OBSERVED IN NORTH KOREA.

25X1

25X1

NPIC SR SR039-78 MAY 78 SEC CLASS: 14B MSN: 2P ACCN: 5083821 25X1

KAPUSTIN YAR MTC MRBM/IRBM TRNG MAZ VEH IDENT UR 483647N 0460935E 25X1
NPIC NO : - 10-E1

114
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1
25X1

MILITARY, MAZ-TYPE VEH 5-AXLE NEW

WAC NO :
IUHS CODE:

BE/OBJ NO:

[Redacted]

UR

NPIC NO :
COMIREX NO:

25X1

25X1

A NEW, FIVE-AXLE, MAZ-TYPE VEHICLE HAS BEEN IDENTIFIED AT THE KAPUSTIN YAR MRBM/IRBM BIVOUAC TROOP TRAINING AREA. NEITHER THE FUNCTION OF THE VEHICLE NOR ITS ASSOCIATION WITH A SPECIFIC WEAPON SYSTEM HAS BEEN DETERMINED AT THIS TIME.*

[Large Redacted Area]

25X1

CIA IRP IS10051K-78 APR 78

[Redacted]

SEC CLASS: 13 MSN:

24P

ACCN: S083823

25X1

KAZAN AIRFRAME PLANT GORBUNOV 22 EXPANSION

[Redacted]

UR 555140N 0490700E

25X1
25X1

VORONEZH AIRFRAME PLANT 64 EXPANSION

UR 513819N 0391517E

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1

[REDACTED]
SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN UR 544910N 0320245E

25X1

[REDACTED]
SMOLENSK GUIDED MSL + A/C CMPNT PLT 475 EXPSN UR 544910N 0320245E

25X1

[REDACTED]
KUYBYSHEV AIRFRAME PLANT LENIN 18 EXPANSION UR 531300N 0501814E

25X1

[REDACTED]
SARATOV AIRFRAME PLANT 292 EXPANSION UR 512948N 0455703E

25X1

[REDACTED]
TASHKENT AIRFRAME PLANT B CHKALOV 84 EXPSN UR 411802N 0691904E

25X1

[REDACTED]
AIRCRAFT, AIRFRAME PLTS FINAL ASBLY CPLXS U/C UR
WAC NO : BE/OBJ NO: NPIC NO :
IUHS CODE: COMIREX NO:

25X1

PHOTOGRAPHIC ANALYSIS OF THE NINE MAJOR SOVIET AIRFRAME PLANTS PRODUCING BOMBERS AND MILITARY AND CIVILIAN TRANSPORTS REVEALS THAT THE FINAL ASSEMBLY FACILITIES AT SIX ARE BEING EXPANDED BY THE CONSTRUCTION OF NEW AND MORE MODERN FINAL ASSEMBLY COMPLEXES. SUCH EXPANSION IS UNDER WAY AT AIRFRAME PLANTS AT KAZAN, VORONEZH, SMOLENSK, KUYBYSHEV, SARATOV, AND TASHKENT. WHEN COMPLETE, THIS EXPANSION PROGRAM WILL INCREASE THE TOTAL FINAL ASSEMBLY SPACE AT THESE PLANTS BY AN AVERAGE OF 175 PERCENT, WITH THE LARGEST INCREASE--250 PERCENT--OCCURRING AT KAZAN. MAJOR INCREASES IN FINAL ASSEMBLY FACILITIES ALMOST ALWAYS SIGNAL EITHER THE BEGINNING OF NEW PRODUCTION PROGRAMS OR THE ACCELERATION OF EXISTING PROGRAMS.

CIA IRP IS10077J-78 APR 78 [REDACTED] SEC CLASS: 24 MSN: 13P ACCN: 5083R2425X1

MISSILES, CSS-1/2 AZIMUTHS PHOTO INDICATIONS CH
WAC NO : BE/OBJ NO: NPIC NO :
IUHS CODE: COMIREX NO:
PHOTO, INDICATIONS CSS-1/2 LAUNCH AZIMUTHS CH
WAC NO : BE/OBJ NO: NPIC NO :
IUHS CODE: COMIREX NO:

25X1

25X1

DETAILED IMAGERY ANALYSIS OF CHINESE CSS-1 MEDIUM-RANGE AND CSS-2 INTERMEDIATE-RANGE BALLISTIC MISSILE SITES HAS REVEALED THAT CERTAIN FEATURES OF A SITE CAN BE USED TO DETERMINE THE INTENDED MISSILE LAUNCH AZIMUTH AND THEREFORE THE INTENDED TARGET AREA. THE MOST IMPORTANT OF THESE IS THE MISSILE LOADING AZIMUTH, WHICH CAN BE ASCERTAINED FROM THE ORIENTATION OF THE LOADING APRON OR THE ACCESS ROAD. PHOTOGRAPHIC ANALYSIS OF SEVEN SITES FROM WHICH MISSILES HAVE BEEN LAUNCHED TO KNOWN IMPACT AREAS SHOWS

116
TOP SECRET CHESS RUFF

25X1



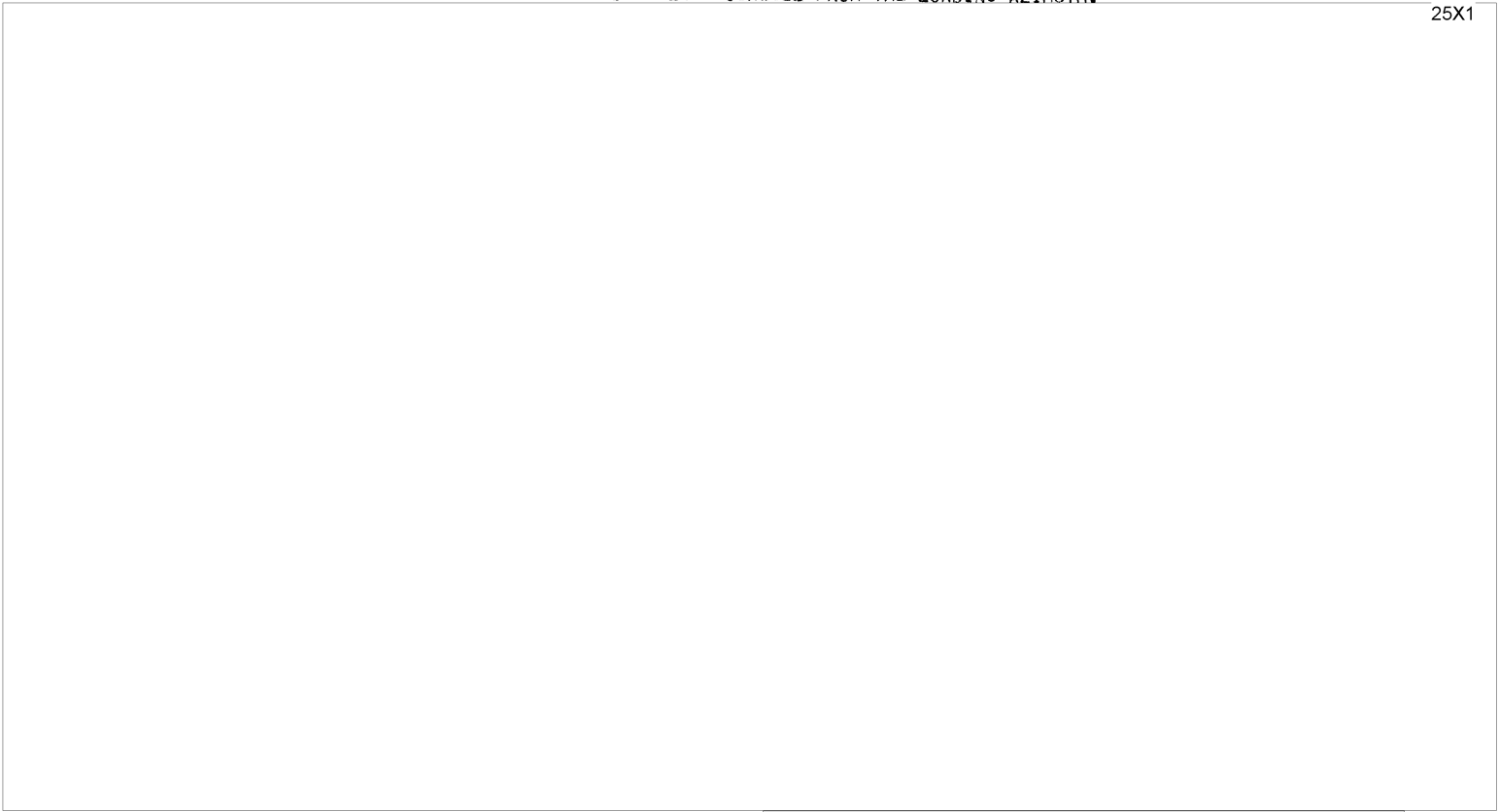
TOP SECRET CHESS RUFF



25X1
25X1

THAT THE LAUNCH AZIMUTH IS APPROXIMATELY 45 DEGREES CLOCKWISE FROM THE LOADING AZIMUTH.

25X1



117
TOP SECRET CHESS RUFF

25X1

Page Denied

Next 1 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1
25X1

25X1

NPIC SR

SR040-78

MAY 78

SEC CLASS: 14E MSN:

6P

ACCN: S083874 25X1

MILITARY ARMOR ACTIVITY JANUARY 77-MARCH 78

WAC NO :
IDHS CODE:

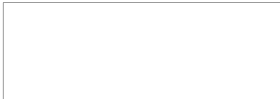
BE/OBJ NO:

CH
NPIC NO :
COMIREX NO:

25X1

120
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X1

SIGNIFICANT ARMOR ACTIVITY WAS OBSERVED AT 13 INSTALLATIONS AND THREE TRAINING EXERCISES IN FIVE MILITARY REGIONS (MRS) IN THE PEOPLE'S REPUBLIC OF CHINA (PRC) DURING THE PERIOD OF 1 JANUARY 1977 TO 1 APRIL 1978. INCREASED ARMORED VEHICLE PRODUCTION WAS ALSO OBSERVED AT THE TWO MAJOR ARMORED VEHICLE PRODUCTION PLANTS IN THE PEKING MR DURING THE SAME PERIOD. THE PRC CONTINUED TO IMPROVE ITS DEPLOYED ARMORED FORCES, PARTICULARLY IN THE SINO-SOVIET BORDER AREA, WITH AN UPGRADING OF EXISTING ARMOR UNITS AND THE ESTABLISHMENT OF NEW TANK REGIMENTS. BTR-50P-TYPE AMPHIBIOUS ARMORED PERSONNEL CARRIERS (APCS) WERE OBSERVED FOR THE FIRST TIME IN THE PRC IN THE NAN-CHING MR.



25X1

CIA IRA

1S10100K-78

APR 78



SEC CLASS: 13

MSN:

29P

ACCN: S083877

25X1

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25)25X1

GENERAL: CIVIL DEFENSE FACs PHOTO SIGNATURES UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

25X1

THIS PAPER WAS ASSEMBLED BY THE CENTRAL INTELLIGENCE AGENCY'S OFFICE OF IMAGERY ANALYSIS (OIA) IN ORDER TO GATHER IN ONE DOCUMENT PHOTOGRAPHIC SIGNATURES FOR SOVIET CIVIL DEFENSE PRACTICES. IT IS INTENDED THAT IT BE USED AS AN AID TO IMAGERY ANALYSTS IN ACCOMPLISHING THEIR TASKS IN THE IDENTIFICATION AND ANALYSIS OF SOVIET CIVIL DEFENSE MEASURES. TOPICS INCLUDED IN THIS PAPER ARE: SHELTERS, SHELTER MEASUREMENTS, CIVIL DEFENSE UNITS, TRAINING SITES, GRAIN STORAGE BUNKERS, FOOD STORAGE FACILITIES, AND WATER STORAGE BUNKERS. IT IS NOT INTENDED TO BE A COMPLETE AND FORMAL CIVIL DEFENSE PHOTO INTERPRETATION KEY. OIA ENVISIONS CHANGES AND ADDITIONS AS NEW SIGNATURES ARE ESTABLISHED AND ADDITIONAL INFORMATION BECOMES AVAILABLE.

25X1

AF PAR 2-78 15 FEB 78 SEC CLASS: 00B MSN: 2P ACCN: 5083880

AIRCRAFT: COALER A AN-72 DIMENSIONS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

25X1

AF PAR 4-78 03 APR 78 SEC CLASS: 07 MSN: 2P ACCN: 5083881

AIRCRAFT: CANDID IL-76
WAC NO : NPIC NO :
IDHS CODE: COMIREX NO:

25X1

DRAWING 71E1019 SUPPLEMENTS THIS REPORT.*

25X1

122
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

WUCHAI MTC SITE D INSTRUMENTATION FACILITIES CH 385044N 1113649E

25X1

WUCHAI MTC INSTRUMENTATION FACILITIES CH 384950N 1113620E

25X1

25X1

THIS REPORT CONTAINS A CURRENT DESCRIPTION AND CHRONOLOGY FOR THE INSTRUMENTATION POSITIONS AT THE WU-CHAI MTC LAUNCH SITES A, B, AND D AND THE RANGEHEAD COMMAND POST AND MOBILE INSTRUMENTATION SITE FOR THE PERIOD FROM JAN 77 THROUGH DEC 77. RELATED INFORMATION IS CONTAINED IN PAR 77-722.*

AF PAR 535-78 04 APR 78 [REDACTED] SEC CLASS: 13 MSN: 62P ACCN: 5083883 25X1

ALEYSK ICBM COMPLEX CP BUNKERED COMSAT FACIL UR 522922N 0824457E

25X1

ANASTASYEVKA RADIO COMMO RCVR STA COMSAT FACS UR 483547N 1353429E

25X1

BAKHCHISARAY NAVAL RADCOM RCVR STA COMSAT FAC UR 444440N 0333640E

25X1

CHITA SRF ARMY COMMAND POST COMSAT FACILS MBL UR 520905N 1133215E

25X1

CHITA SRF ARMY HQ RADIO COMMO XMTR BKR HARD UR 520324N 1131137E

25X1

KARTALY ICBM COMPLEX COMD POST BKR COMSAT FAC UR 530222N 0603634E

25X1

KHMELNITSKIY ICBM COMPLEX CP BKR COMSAT FACS UR 492329N 0270403E

25X1

KALININGRAD COMMAND CONTROL FACS NORTH COMSAT UR 545720N 0201645E

25X1

IRKUTSK COMSAT STATION NNE UR 522339N 1042223E

25X1

123
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

[REDACTED]
[REDACTED]
KOLOMNA RADCOM XMTR GENERAL STAFF COMSAT FACS UR 545930N 0385650E

25X1

[REDACTED]
KOSTROMA ICBM HQ RADCOM RCVR BKR COMSAT FACS UR 575237N 0411628E

25X1

[REDACTED]
IRKUTSK COMSAT STATION NORTH UR 522354N 1042236E

25X1

[REDACTED]
DARASUN COMSAT STATION UR 512820N 1135140E

25X1

[REDACTED]
DOMBAROVSKIY ICBM COMPLEX CP BKR COMSAT FACS UR 510146N 0595227E

25X1

[REDACTED]
OMSK SRF ARMY HQ RADCOM XMTR BKR COMSAT FACS UR 545613N 0740739E

25X1

[REDACTED]
OMSK SRF ARMY COMMAND POST BKR COMSAT FACILS UR 550602N 0733456E

25X1

[REDACTED]
OLOVYANNAYA ICBM COMPLEX CP BKR COMSAT FACILS UR 504925N 1154810E

25X1

[REDACTED]
MOZYR MRBM DIVISION HEADQUARTERS COMSAT STA UR 520432N 0290625E

25X1

[REDACTED]
MISHELEVKA HEN HOUSE RADAR FACIL COMSAT FACIL UR 525232N 1031536E

25X1

[REDACTED]
SARY OZEK COMSAT STATION UR 442500N 0775645E

25X1

[REDACTED]
SARY SHAGAN COMSAT STATION TYPE C UR 463837N 0743105E

25X1

[REDACTED]
SARAPULSKOYE RADIO COMM RCVR STA COMSAT FACS UR 485045N 1355825E

25X1

[REDACTED]
POKROVKA RADIO RELAY + RADCOM XMTR COMSAT FAC UR 435700N 1314032E

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

PERVOMAYSK ICBM COMPLEX CP BKR COMSAT FACILS UR 480600N 0305207E

25X1

TEYKOVO ICBM COMPLEX CP BUNKER COMSAT FACILS UR 565207N 0403046E

25X1

TATISHCHEVO ICBM COMPLEX CP BKR COMSAT FACILS UR 514044N 0453728E

25X1

SVOBODNY ICBM HQ RADCOM XMTR NORTH COMSAT UR 513847N 12A0737E

25X1

SVOBODNY ICBM COMPLEX CP BKR COMSAT FACILS UR 514550N 1280749E

25X1

PERM ICBM HEADQUARTERS RADCOM RCVR COMSAT FAC UR 574550N 0561125E

25X1

ORENBURG SRF ARMY HEADQUARTERS COMSAT STATION UR 514648N 0551030E

25X1

LUSTENICE COMSAT STATION CGF NPIC NO :
COMIREX NO :
CZ 501850N 0145510E

25X1

KOZELSK ICBM HQ RADCOM RCVR BKR COMSAT FACILS UR 540358N 0354620E

25X1

DROVYANAYA ICBM COMPLEX CP BKR COMSAT FACILS UR 513310N 1130152E

25X1

PARATUNKA NAVAL RADCOM RCVR HARD COMSAT FAC UR 530126N 1581434E

25X1

IVANKOVO ELECTRONICS R+D FACILITY PROB UR 564350N 0370600E

25X1

KHABAROVSK RADIO COMMO RCVR KGB COMSAT FAC UR 482809N 1351524E

25X1

DOBROALEKSANDROVKA RADCOM RCVR KGB COMSAT FAC UR 462010N 0303310E

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

[REDACTED]
YOSHKAR OLA ICBM COMPLEX CP BKR COMSAT FACILS UR 563407N 0480309E

25X1

ZHANGIZTOBE ICBM COMPLEX CP BKR COMSAT FACS UR 491228N 0811051E

25X1

YENISEYSK RADIO COMMO/RELAY XMTR SOUTH COMSAT UR 582122N 0922415E

25X1

YEDROVO ICBM COMPLEX CP BUNKER COMSAT FACILS UR 575204N 0334129E

25X1

YELIZOVO NAVAL RADIO COMMO XMTR COMSAT FACILS UR 531153N 1582656E

25X1

VLADIMIR SRF ARMY HQ RDO XMTR BKR COMSAT FACS UR 561351N 0400551E

25X1

VINNITSA SRF ARMY HQ RDO XMTR BKR COMSAT FACS UR 493030N 0280010E

25X1

VINNITSA SRF ARMY/LRA HQ RADCOM XMTR COMSAT UR 491237N 0281711E

25X1

UZHUR ICBM COMPLEX COMD POST BKR COMSAT FACS UR 551647N 0894907E

25X1

TIMPUR NAVAL RADIO COMMO PCVR BKR COMSAT FAC UR 431214N 1320726E

25X1

TYURATAM MTC ICBM DIV CP BKR COMSAT FACILS UR 455911N 0630757E

25X1

ELECTRONICS, COMSAT FACILITIES MILITARY ASSOC CZ
WAC NO : BE/OBJ NO: NPIC NO :
IUHS CODE: COMIREX NO:
ELECTRONICS, COMSAT FACILITIES MILITARY ASSOC UR

25X1

25X1

[REDACTED]
KOMSOMULSK COMSAT CONTROL STATION KHURMULI UR 510142N 1364950E

25X1

126
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

[REDACTED]
YENISEYSK ESV TRACKING/MOLNIYA FACILITY UR 582643N 0921604E

25X1

[REDACTED]
YEVPATORIYA DEEP SPACE TRACKING FACIL NORTH UR 451325N 0330955E

25X1

[REDACTED]
ULAN UDE ESV TRACKING FACILITY UR 515223N 1075650E

25X1

[REDACTED]
SARY SHAGAN ESV TRACKING/MOLNIYA FACILITY UR 455338N 0733727E

25X1

[REDACTED]
SIMFEROPOL SPACE FLIGHT CENTER DISH ANTENNAS UR 450326N 0335342E

25X1

[REDACTED]
POLICHNYA COMSAT STATION SUSP UR 553630N 0345450E

25X1

[REDACTED]
NARO FUMINSK SRF RADCOM RCVR CPLX ORBITA STA UR 551918N 0364749E

25X1

[REDACTED]
POGRANICHNYEY ESV TRACKING MOLNIYA FACILITY UR 530546N 1582039E

25X1

[REDACTED]
MOSKVA/SHCHELKOVO ESV TRACKING FACILITY UR 555644N 0375803E

25X1

[REDACTED]
KOMSOMOLSK COMSAT STATION NW UR 504140N 1364455E

25X1

[REDACTED]
LENINGRAD SPACE TRACKING FACILITY UR 594300N 0301000E

25X1

[REDACTED]
GALENKI ESV TRACKING/MOLNIYA FACILITY UR 440130N 1314545E

25X1

[REDACTED]
SHCHUCHITY NAVAL RADCOM RCVR BKR COMSAT FACIL UR 690232N 0333815E

25X1

[REDACTED]
BELOMUT COMSAT STATION UR 545740N 0392600E

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

GOLITSYNO RADIO COMMO RECEIVER CPLX ORBITA UR 553525N 0370301E

25X1

GUS KHRUSTALNYY COMSAT STATION CENTRAL UR 553444N 0405418E

25X1

GLADKAYA ICBM COMPLEX CP BKR COMSAT FACILS UR 561419N 0921918E

25X1

IMENI GASTELLO ICBM COMPLX CP BKR COMSAT FAC UR 510728N 0662026E

25X1

25X1

THIS ANALYSIS OF 69 COMMUNICATION SATELLITE (COMSAT) FACILITIES IS DIVIDED INTO 3 PARTS. PART I CONSIDERS THE SRF-TYPE COMSAT FACILITIES. PART II CONSIDERS THE COMSAT FACILITIES WHICH MAY BE MILITARY RELATED. PART III CONSIDERS THE ANTENNAS AT MULTIPLE ANTENNA SITES (INCLUDING THE ESV FACILITIES) WHICH ARE OR HAVE THE POTENTIAL OF BEING COMSAT RELATED. FOR THE PURPOSES OF CONTINUITY, PERTINENT PORTIONS OF PAR 73-679 HAVE BEEN INCORPORATED INTO THIS REPORT.*

AF PAK 555-78 22 MAR 78 SEC CLASS: 13 MSN: 11P ACCN: S083A84 25X1

CHIUMENGCHIN SSM FIELD POSITION CH 344809N 1124025E

25X1

THIS REPORT PROVIDES A PHOTO ANALYSIS UPDATE OF CHIU-MENG-CHIN SSM FIELD POSITION. IT INCLUDES A DESCRIPTION AND CHRONOLOGY OF NEW CONSTRUCTION ACTIVITY AND IDENTIFIES NEW MISSILE RELATED ACTIVITY AND EQUIPMENT.*

25X1

128 TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1
25X1

[Large Redacted Area]

25X1

AF PAR 547-78 30 MAR 78 [Redacted] SEC CLASS: 13 MSN: 18P ACCN: S083889 25X1

KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR UR 552130N 0373220E
[Redacted] NPIC NO :
COMIREX NO:

25X1

THIS REPORT, WITH DRAWING 78E6506, PROVIDES A TEN YEAR REVIEW AND ANALYSIS OF THE NEWLY IDENTIFIED KLIMOVSK AMMUNITION PRODUCTION MACHINERY DESIGN BUREAU. A TABULATION LISTING ALL KEYHOLE MISSIONS FROM JANUARY 1967 TO FEBRUARY 1978 AND CHARTS SHOWING GROWTH IN ROOF COVERAGE AND FLOORSPACE IS INCLUDED.*

AF PAR 546-78 03 APR 78 [Redacted] SEC CLASS: 13 MSN: 3P ACCN: S083890 25X1

SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT UR 455200N 0733100E
[Redacted]

25X1

125
TOP SECRET CHESS RUFF

[Redacted]

25X1

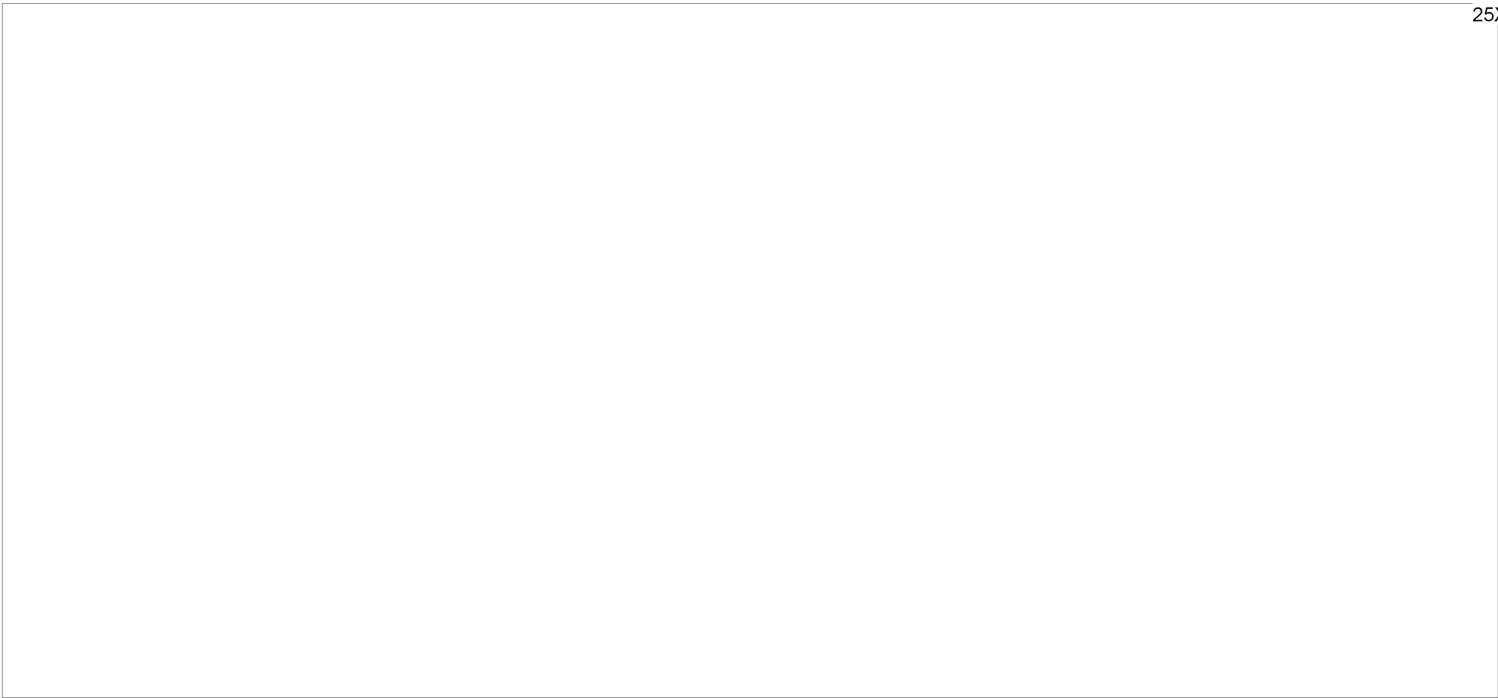


TOP SECRET CHESS RUFF



25X1

THIS REPORT, WITH DRAWING 78D3503, SUPPLEMENTS PARS 75-532, 77-662 AND DRAWING 77E6528/1. IT PROVIDES SPECIFIC DETAILS RELATING TO BUILDINGS INTO WHICH OPTICAL DEVICE COMPONENTS WERE INSTALLED AT THE SARY SHAGAN R+D COMPLEX.*



25X1

AF PAR 556-78 07 APR 78
KIYEV AERODYNAMIC TEST FACILITY



SEC CLASS: 13 MSN:
UR 504450N 0303120E

8P

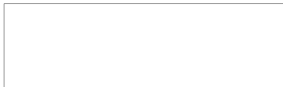
ACCN: 5083A92

25X1

130
TOP SECRET CHESS RUFF



25X1



TOP SECRET CHESS RUFF

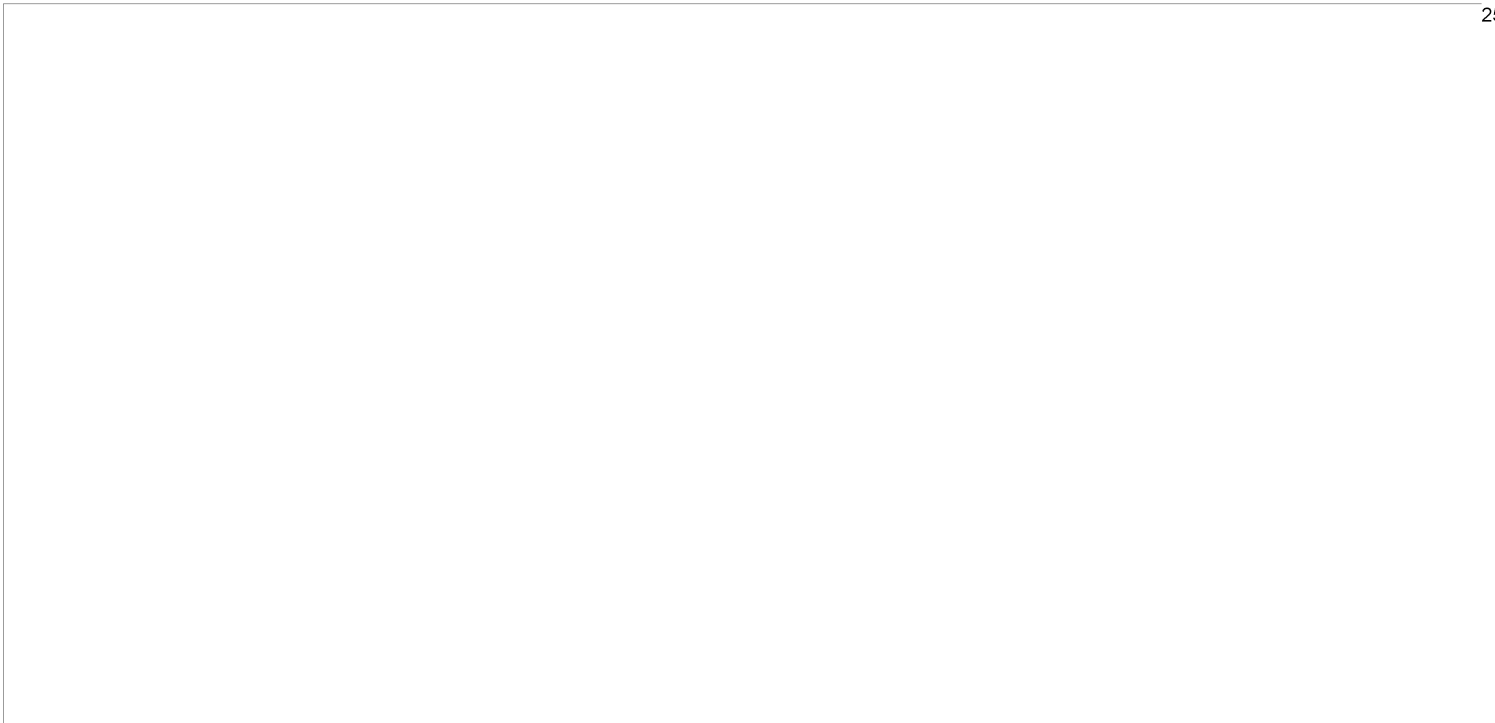


25X1



25X1

THIS REPORT, WITH DRAWING 78D6509, PROVIDES DETAILS OF THE SLED TRACKS, A CHRONOLOGY OF CONSTRUCTION EVENTS, INFORMATION ON UTILITY SERVICE, AND A DESCRIPTION OF TEST EQUIPMENT AT THE KIYEV AERODYNAMIC TEST FACILITY. A TABULATED LIST OF SQUARE METERS OF ROOF COVERAGE AND FLOORSPACE IS INCLUDED.*



25X1



25X1

Page Denied

TOP SECRET CHESS RUFF

25X1



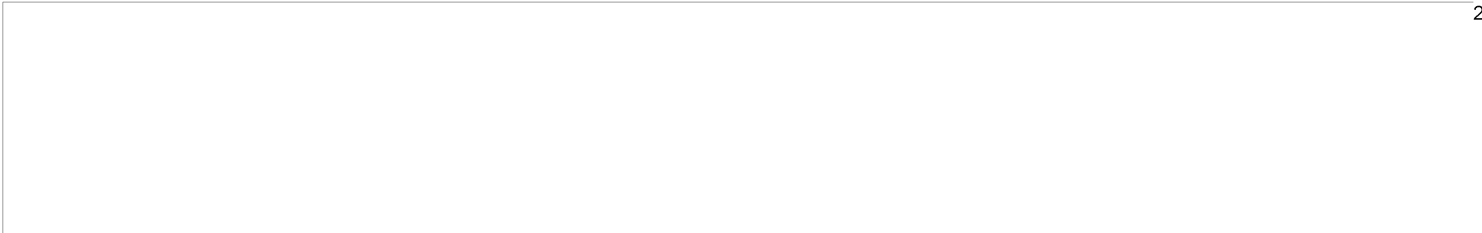
25X1

AF PAR 567-77 07 JUN 77 [redacted] SEC CLASS: 13 MSN: 32P ACCN: 5083898 25X1

SPACE, R+D FACILITIES ROOF AREA INCREASE	UR	
WAC NO :	NPIC NO :	
IDHS CODE:	COMIREX NO:	25X1
AIRCRAFT, R+D/PROD FACILS ROOF AREA INCREASE	UR	
WAC NO :	NPIC NO :	
IDHS CODE:	COMIREX NO:	25X1
MISSILES, R+D/PROD FACILS ROOF AREA INCREASE	UR	
WAC NO :	NPIC NO :	
IDHS CODE:	COMIREX NO:	25X1
MILITARY, LASER R+D FACILS ROOF AREA INCREASE	UR	
WAC NO :	NPIC NO :	
IDHS CODE:	COMIREX NO:	25X1

THIS REPORT UPDATES PAR 77-508 AND PROVIDES A CHRONOLOGICAL CUMULATIVE LISTING (IN METERS) OF ROOF COVERAGE AND FLOORSPACE OF SELECTED USSR AEROSPACE RESEARCH INSTITUTES, AIRCRAFT DESIGN/DEVELOPMENT FACILITIES, AIRCRAFT ENGINE DESIGN/DEVELOPMENT FACILITIES, MISSILE DESIGN/DEVELOPMENT FACILITIES, LIQUID PROPULSION RESEARCH/DEVELOPMENT/TEST FACILITIES, SOLID MOTOR RESEARCH/DEVELOPMENT PRODUCTION FACILITIES, AERODYNAMIC SYSTEM DEVELOPMENT TEST FACILITIES, MISSILE FLIGHT TEST FACILITIES AND LASER DEVELOPMENT FACILITIES.*

25X1



133
TOP SECRET CHESS RUFF

25X1

Page Denied

Next 2 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1

25X1

AF ENDR D6527-1-73 22 MAR 78 [] SEC CLASS: 13 MSN: 1P ACCN: S083909 25X1
RAMENSKOYE FLIGHT TEST CENTER AREA 4 UR 553412N 0380728E

25X1

THIS DRAWING SUPPLEMENTS PAR 78-568.*

AF ENDR C6505-2-76 02 APR 78 [] SEC CLASS: 13 MSN: 1P ACCN: S083910 25X1
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 51 UR 554700N 0373230E

25X1

THIS DRAWING SUPPLEMENTS PARS 77-597, 75-530 AND 78-578.*

AF ENDR E6506-78 01 MAR 78 [] SEC CLASS: 13 MSN: 1P ACCN: S083911 25X1
KLIMOVSK AMMUNITION PROD MACHINERY DESIGN BUR UR 552130N 0373220E

25X1

NPIC NO :
COMIREX NO:

THIS DRAWING SUPPLEMENTS PAR 78-547.*

25X1

AF ENDR D6509-78 12 MAR 78 [] SEC CLASS: 13 MSN: 1P ACCN: S083913 25X1
KIYEV AERODYNAMIC TEST FACILITY UR 504450N 0303120E

25X1

THIS DRAWING SUPPLEMENTS PAR 78-556.*

TOP SECRET CHESS RUFF

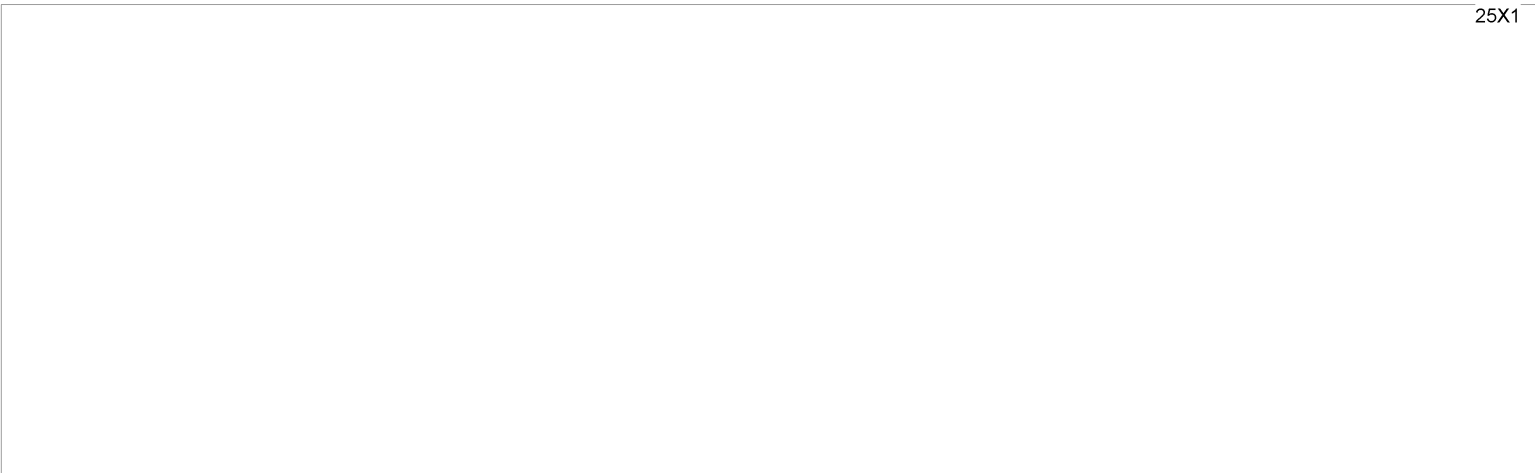
25X1




TOP SECRET CHESS RUFF



25X25X1



25X1

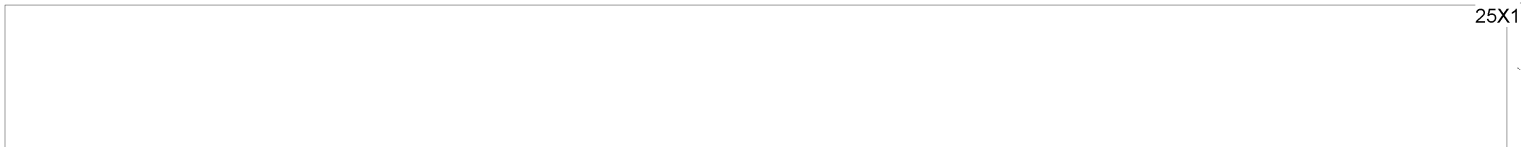
AF ENDR D6511-2-75 27 FEB 78  SEC CLASS: 13 MSN: 1P ACCN: 5083918 25X1

SARY SHAGAN MTC R+D COMPLEX BLDG/CONDUIT U/I UR 455200N 0733100E




25X1

THIS DRAWING SUPPLEMENTS PARS 77-662, 75-532, AND 78-548. IT IS UPDATED BY DRAWING 77E 6528.*



25X1

AF ENDR D3503-78 23 FEB 78  SEC CLASS: 13 MSN: 1P ACCN: 5083920 25X1

SARY SHAGAN MTC R+D COMPLEX OPTICAL DVC CMPNT UR 455200N 0733100E

TOP SECRET CHESS RUFF



25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PAR 78-548.*

AF ENDR E6528-1-77 27 FEB 78 [Redacted] SEC CLASS: 13 MSN: 1P

ACCN: 5083921 25X1

SARY SHAGAN MTC R+D CPLX LINEAR TEST FAC SUSP UR 455200N 0733100E

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PARS 75-532, 77-662, AND 78-548. IT UPDATES DRAWING 75D6511.*

[Large Redacted Area]

25X1

AF ENDR D6502-4-70 24 FEB 78 [Redacted] SEC CLASS: 13 MSN: 1P

ACCN: 5083923 25X1

PEICHING ELECTRONICS RSCH INST ACADY SCIENCE CH 395901N 1161915E

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PARS 70-534, 75-793, AND 78-541.*

AF ENDR D6504-78 17 FEB 78 [Redacted] SEC CLASS: 13 MSN: 1P

ACCN: 5083924 25X1

139
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
23A1

PEICHING MECHANICS INSTITUTE WIND TUNNEL CH 395901N 1161915E

25X1

THIS DRAWING SUPPLEMENTS PAR 78-541.*

25X1

AF ENDR E1005-78 24 MAR 78 SEC CLASS: 00B MSN: 1P ACCN: S083927

AIRCRAFT: CLOBBER A YAK-42 SWEEP WING VERSION UR
WAC NO :
IUHS CODE: NPIC NO :
COMIREX NO:

25X1

AF ENDR B1503-1-75 08 MAR 78 SEC CLASS: 13 MSN: 1P ACCN: S083928

MISSILES: CSS-2 CH
WAC NO : NPIC NO :

25X1

140
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE:

EPF CAT

COMIREX NO:

25X1

THIS DRAWING SUPPLEMENTS PARS 73-617, 75-555, 76-549, AND 78-560.*

25X1

AF

ENDR

E1003-78

08 MAR 78

SEC CLASS: 07

MSN:

1P

ACCN: 5083934

141

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AIRCRAFT, FORGER B
WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]

UR
NPIC NO :
COMIREX NO:

25X1

THIS DRAWING IS SUPPLEMENTED BY DRAWING 77E1001/1.*

AF ENDR E1001-1-77 08 MAR 78 SEC CLASS: 07 MSN: 1P ACCN: 5083935

AIRCRAFT, FORGER A YAK-36
WAC NO :
IDHS CODE:

[REDACTED]

UR
NPIC NO :
COMIREX NO:

25X1

THIS DRAWING SUPERCEDES DRAWING 77E1001.*

25X1

AF ENDR E1516-2-76 14 DEC 77 [REDACTED] SEC CLASS: 13 MSN: 1P ACCN: 5083937 25X1

MISSILES, ICBM TYPE 3C/3F SILO CONVERSION
WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]

UR
NPIC NO :
COMIREX NO:

25X1

THIS DRAWING SUPPLEMENTS PAR 76-648.*

25X1

142
TOP SECRET CHESS RUFF

25X1

Page Denied

Next 2 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1

NPIC MEMO [redacted] 15 MAY 78 [redacted] SEC CLASS: 13 MSN: [redacted] 2P ACCN: S083951

25X1

HAIYEN/KOERHMU RAIL LINE TRACK NEW CH 371115N 1002430E
[redacted] NPIC NO : - 56
[redacted] COMIREX NO:
KOERHMU/HAIYEN RAIL LINE TRACK NEW CH 3625 N 09453 E
[redacted] NPIC NO :
[redacted] COMIREX NO:

25X1

25X1

25X1

NPIC MEMO [redacted] 29 MAR 78 [redacted] SEC CLASS: 14A [redacted] 2P ACCN: S083951

25X1

ELECTRONICS, COMMO EQUIP SOV AFLD SRCH ET
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [redacted] COMIREX NO:

25X1

25X1

DIA SFDY DOB1311-001-78 APR 78 [redacted] SEC CLASS: 20 MSN: [redacted] 16P ACCN: S083951

25X1

AIRCRAFT, LRA WINTER ARCTIC TRAINING UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [redacted] COMIREX NO:

25X1

ANALYSIS OF SOVIET LONG RANGE AVIATION (LRA) FLIGHT OPERATIONS DURING THE 1977 WINTER ARCTIC TRAINING SEASON HAS SHOWN THAT THERE HAS BEEN A NOTICEABLE DECREASE IN ACTIVITY. THE TREND TOWARD REDUCED EMPHASIS ON ARCTIC-RELATED TRAINING FOR BISON IS MOST SIGNIFICANT, ALTHOUGH BEAR TRAINING HAS ALSO DECREASED SINCE 1976. ARCTIC ACTIVITY FOR BISON HAS DROPPED TO THE LOWEST LEVEL EVER RECORDED. ALMOST ALL OF 1977'S BADGER ARCTIC-RELATED OPERATIONS INVOLVED DISPERSAL/MOBILITY-ASSOCIATED TRAINING. FOR THE FIRST TIME SINCE 1974, BLINDER PARTICIPATED IN THE SEASONAL ARCTIC EXERCISE, ALTHOUGH THEY DID NOT

146
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DEPLOY TO THE ARCTIC. BACKFIRE HAS BEEN IN OPERATIONAL SERVICE SINCE 1974, BUT IT HAS NOT AS YET BEEN DETECTED CONDUCTING FLIGHT ACTIVITY OVER THE ARCTIC.

DIA IAPPR 104-78 25 APR 78 SEC CLASS: 21M MSN: 12P ACCN: S083956

MISSILES, NAVAL CRUISE MISSILE DEVELOPMENTS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

25X1

INFRARED-CRUISE MISSILE ACTIVITY IN THE POHAI GULF AREA IN 1977 PROMPTED THE RECENT REEXAMINATION OF CHINA'S NAVAL CRUISE MISSILE WEAPONS SYSTEMS. A MAJOR UNRESOLVED QUESTION HAD BEEN THE IDENTIFICATION OF THE SURFACE-TO-SURFACE SYSTEM CARRIED BY THE LUTA-CLASS DESTROYERS. FROM BOTH SIGINT AND PHOTINT, DIA CAN NOW CONFIRM THAT A NAVAL VERSION OF THE CSSC-2 COASTAL-DEFENSE MISSILE WAS DEPLOYED ON THE LUTAS BEGINNING IN 1973. MOREOVER, THE PRC HAS ALSO DEVELOPED AN INFRARED VERSION OF THIS MISSILE SYSTEM, WHICH WAS DEPLOYED IN 1976.

ARMY PIM PIM033-78 31 MAR 78 SEC CLASS: 14A MSN: 4P ACCN: S083957 25X1

TUAN RADIO RELAY STATION CH 235640N 1080452E

25X1

THIS PHOTO INTERPRETATION MEMORANDUM (PIM) CONTAINS A PHYSICAL DESCRIPTION OF TU-AN RADREL STATION, PEOPLES REPUBLIC OF CHINA. INCLUDED IN THIS REPORT IS AN ANNOTATED PHOTOGRAPH OF THE RADREL STATION. THE PHOTO DISPLAYS THE ANTENNA ENVIRONMENTAL SHELTER OPENING ORIENTATIONS, CONTROL BUILDING AND THE CONTROL SUPPORT AREA.

ARMY PIM PIM040-78 31 MAR 78 SEC CLASS: 14A MSN: 4P ACCN: S0839525X1

HUNG TANG RADIO RELAY STATION BUNKERED CH 255518N 1130010E

25X1

THIS PHOTO INTERPRETATION MEMORANDUM (PIM) CONTAINS A PHYSICAL DESCRIPTION AND ANNOTATED PHOTOGRAPH OF HUNG-TANG RADREL STA/BNK, PEOPLES REPUBLIC OF CHINA. THIS REPORT PROVIDES A PHYSICAL DESCRIPTION OF THE CONTROL AREA AND SUPPORT AREA TO INCLUDE NUMBER AND TYPE OF BUILDINGS, NUMBER, SIZE, AND ORIENTATION IN DEGREES OF THE ANTENNA OPENINGS, ELEVATION OF THE STATION, AND GEOGRAPHIC LOCATION.

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 3-78 25 JAN 78 SEC CLASS: 07 MSN: 2P ACCN: S083960

MISSILES, AA-7 WEAPON SYSTEM EVALUATION MSL UR
WAC NO : NPIC NO : 25X1
IDHS CODE: COMIREX NO:
MISSILES, AA-8 WEAPON SYSTEM EVALUATION MSL UR
WAC NO : NPIC NO : 25X1
IDHS CODE: COMIREX NO:

THIS REPORT PROVIDES A PHOTO ANALYSIS OF THE APEX (AA-7) AND APHID (AA-8) WEAPON SYSTEM EVALUATION MISSILES (WSEM) OBSERVED ON FLOGGER R'S WITH FUSELAGE NUMBERS 49 AND 08. ANALYSIS INCLUDE A DIMENSIONAL AND CONFIGURATIONAL COMPARISON OF BOTH WSEMS WITH THE CURRENT FTD DRAWINGS OF THE APEX AND APHID ASMS, DRAWINGS 76B1016 AND 77B1010.*

AF ENDR E1004-78 17 MAR 78 SEC CLASS: 05P MSN: 1P ACCN: S083961

ELECTRONICS, PAT HAND RADAR UR
WAC NO : NPIC NO : 25X1
IDHS CODE: COMIREX NO:

THIS DRAWING SUPERCEDES DRAWING 70E1045.*

AF ENDR C1008-78 27 APR 78 SEC CLASS: 07 MSN: 1P ACCN: S083962

MISSILES, AS-6 UR

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

WAC NO :
IDHS CODE:

[Redacted]

NPIC NO :
COMIREX NO:

25X1

THIS DRAWING SUPERCEDES DRAWING 76B1015.*

AF ENDR D1007-78 04 APR 78 SEC CLASS: 07 MSN: 1P ACCN: S083963

ELECTRONICS, 4-DISH ANTENNA NAVAL ASSOCIATED

WAC NO :
IDHS CODE:

BE/OBJ NO:
[Redacted]

UR
NPIC NO :
COMIREX NO:

25X1

AF ENDR E1009-78 11 MAY 78 SEC CLASS: 00B MSN: 1P ACCN: S083964

AIRCRAFT, CLINE A AN-32

WAC NO :
IDHS CODE:

BE/OBJ NO:
[Redacted]

UR
NPIC NO :
COMIREX NO:

25X1

AF ENDR C3003-78 03 MAY 78 SEC CLASS: 07 MSN: 1P ACCN: S083965

AIRCRAFT, BADGER 6 TU-16 RADOME NEW

WAC NO :
IDHS CODE:

[Redacted]

UR
NPIC NO :
COMIREX NO:

25X1

AF ENDR B1006-78 04 APR 78 SEC CLASS: 07 MSN: 1P ACCN: S083967

AIRCRAFT, FITTER 5-METER FUEL TANK

WAC NO :
IDHS CODE:

BE/OBJ NO:
[Redacted]

UR
NPIC NO :
COMIREX NO:

25X1

25X1

TOP SECRET CHESS RUFF

25X1

SAC STDY GOALKEEPER12-77 30 DEC 77 SEC CLASS: 05BX MSN: 49P ACCN: 5083982

PROJECT GOALKEEPER XII
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

SEMIPALATINSK AIR DEFENSE ZONE AREA STUDY UR 5022 N 08013 E
 WAC NO : 0239 BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

NOVOSIBIRSK AIR DEFENSE ZONE AREA STUDY UR 5503 N 08323 E
 WAC NO : 0162 BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

IRKUTSK AIR DEFENSE ZONE AREA STUDY UR 5216 N 10422 E
 WAC NO : 0200 BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

THIS STUDY PRESENTS AN ASSESSMENT OF THE DEPLOYMENT AND DENSITY OF THE AIR DEFENSE FORCES WHICH WOULD BE ENCOUNTERED IN THE SEMIPALATINSK, NOVOSIBIRSK, AND IRKUTSK AIR DEFENSE ZONES IN THE TRANS-SIBERIAN STRATEGIC AREA.*

DIA STDY DDB1720-007-78 APR 78 SEC CLASS: 25 MSN: 39P ACCN: 5083983

ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS HU
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS CZ
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS PL
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS RO
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

ELECTRONICS, COMMAND CNTRL SOV SIGNAL UNITS BU
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

ELECTRONICS, COMMAND CNTRL COMMO SIGNAL UNITS UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: COMIREX NO: 25X1

150
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X15X1

THIS STUDY PROVIDES AN ANALYSIS OF SOVIET/WARSAW PACT MOBILE SIGNAL UNITS THAT SUPPORT FRONT-LEVEL OPERATIONS. OVER THE LAST SEVERAL YEARS, NEWLY ACQUIRED INTELLIGENCE HAS INCREASED DIA'S KNOWLEDGE OF TYPES OF EQUIPMENT, MISSIONS, ORGANIZATION, AND LOCATIONS OF UNITS THAT CONSTITUTE THE SOVIET/WARSAW PACT MOBILE SIGNAL INVENTORY. THIS STUDY EMPHASIZES THE CONTRIBUTION OF MOBILE SIGNAL UNITS TO THE OVERALL SUCCESS OF OFFENSIVE AND DEFENSIVE OPERATIONS. IN ADDITION, THE INTERACTION OF MOBILE SIGNAL UNITS WITH THE HARDENED FRONT-LEVEL COMMAND, CONTROL, AND COMMUNICATIONS SYSTEM IS DESCRIBED.

SAC STDY GOALKEEPER14-78 15 JAN 78 SEC CLASS: 05BX MSN: 27P ACCN: S083984

PROJECT GOALKEEPER XIV

WAC NO :	BE/OBJ NO:	NPIC NO :	
IDHS CODE:		COMIREX NO:	25X1
ANADYR AIR DEFENSE ZONE AREA STUDY			
WAC NO : 0075	BE/OBJ NO:	UR 6446 N 17737 E	
IDHS CODE:		NPIC NO :	
NORILSK AIR DEFENSE ZONE AREA STUDY			
WAC NO : 0048	BE/OBJ NO:	UR 6921 N 08821 E	25X1
IDHS CODE:		NPIC NO :	
		COMIREX NO:	25X1

THIS IS THE TENTH AND FINAL REPORT IN THE SERIES OF GOALKEEPER STUDIES DONE UNDER THE STRATEGIC AREA CONCEPT. THE OBJECTIVE OF PROJECT GOALKEEPER IS TO PROVIDE A DEFINITIVE, CONCISE ASSESSMENT OF AIR DEFENSES WITHIN A PARTICULAR GEOGRAPHIC AREA. THIS REPORT EVALUATES OVERALL DEFENSIVE CAPABILITIES AND SUGGESTS SOME CONSIDERATIONS FOR DEFENSE SUPPRESSION AND ROUTE PLANNING. THE DETAILED ANALYSIS SUPPORTING THESE CONCLUSIONS IS NOT INCLUDED IN THIS REPORT, BUT CAN BE PROVIDED TO SPECIFIC AGENCIES UPON REQUEST. THE INTELLIGENCE CUTOFF DATE IS 15 JAN 78.

DIA STDY DST18305-136-78 07 APR 78 SEC CLASS: 25 MSN: 39P ACCN: S083985 25X1

SPACE, AEROSPACE R+D MANAGEMENT SYSTEM

WAC NO :	BE/OBJ NO:	CH	
IDHS CODE:		NPIC NO :	
		COMIREX NO:	25X1

THE PURPOSE OF THIS STUDY IS TO PROVIDE A CONCISE DESCRIPTION OF HOW THE PEOPLE'S REPUBLIC OF CHINA (PRC) HAS MANAGED AND CONTINUES TO MANAGE ITS SPACE RESEARCH AND DEVELOPMENT (R+D) PROGRAM. THE SPACE PROGRAM IS SELECTED TO SERVE AS A MODEL OF THE MILITARY PRODUCT ACQUISITION AND DEVELOPMENT PROCESS, FOR IT IS EXPECTED THAT THE PROCESSES EVIDENCED IN SPACE R+D WILL BE, IN LARGE PART, REPEATED IN OTHER MILITARY HARDWARE PROGRAMS. THIS STUDY, THEREFORE, IS INTENDED AS AN AID IN UNDERSTANDING THE CHINESE APPROACH TO AEROSPACE R+D MANAGEMENT AND PREDICTING COURSES OF ACTION IN ONGOING AND FUTURE WEAPONS DEVELOPMENT PROGRAMS.

THIS STUDY DOES NOT TRACE THE DEVELOPMENT OF THE BALLISTIC MISSILE PROGRAM NOR DOES IT PROVIDE DETAILED ASSESSMENTS OF SUPPORT FACILITY OR SYSTEM PERFORMANCE CHARACTERISTICS. REFERENCES PROVIDING MORE DETAILED INFORMATION ARE CITED WHERE APPROPRIATE.

151
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

UIA STUDY DST10535-309-78 MAR 78 [REDACTED] SEC CLASS: 25F MSN: 23P ACCN: S083987 25X1

MISSILES, ATBM SYSTEM NEW
WAC NO :
IDHS CODE: [REDACTED] BE/OBJ NO: [REDACTED] UR
NPIC NO :
COMIREX NO: [REDACTED]

25X1

25X1

NAVY REPT [REDACTED] 01 MAY 78 [REDACTED] SEC CLASS: 24 MSN: 13P ACCN: S083989 25X1

SHIPS, KASHIN CLASS DDG SA-X-11 NAV VAR ARMED UR
WAC NO :
IDHS CODE: [REDACTED] NPIC NO :
COMIREX NO: [REDACTED]
MISSILES, SA-X-11 NAV VAR POSS KASHIN DDG MTD UR
WAC NO :
IDHS CODE: [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO :
COMIREX NO: [REDACTED]

25X1

25X1

A NEW WEAPONS SYSTEM HAS BEEN INSTALLED IN PLACE OF THE SA-N-1 SYSTEM ON THE AFT END OF THE KASHIN PROVORNNY. THE WEAPON SYSTEM IS BELIEVED TO BE A NEW NAVAL SURFACE-TO-AIR MISSILE, AN ADAPTION OF THE SA-X-11. THE SYSTEM CONSISTS OF A SINGLE ARM LAUNCHER AND AT LEAST TWO TARGET ENGAGEMENT RADARS.

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THE TENTATIVE IDENTIFICATION OF THIS NEW NAVAL SAM IS BASED UPON COMPONENT SIMILARITY AND COMPATIBILITY WITH THE SA-X-11 MISSILE SYSTEM CURRENTLY IN R+D AT EMBA MISSILE TEST CENTER.

OTHER, CIRCUMSTANTIAL EVIDENCE SUPPORTING THIS PRELIMINARY FINDING IS IN THE FORM OF SIMILARITY IN TELEMETRY AND PHOTOGRAPHIC COVERAGE PLACING PROVORNYI IN SAM TEST AREAS DURING TELEMETRY INTERCEPTS.

IF THE PRELIMINARY FINDINGS ARE CORRECT, THE NEW NAVAL SAM, A VARIANT OF THE SA-X-11, WILL PROVIDE A REPLACEMENT FOR THE SA-N-1 MISSILE SYSTEM AND WILL COMPLIMENT THE SA-N-3 AND SA-N-4. SUCH A SYSTEM MAY BE INTENDED FOR INSTALLATION ON THE NEW CRUISER CLASS SHIP NOW UNDER CONSTRUCTION AT LENINGRAD-ZHDANOV, THE 190A.

25X1

DIA IAPPR 114-78 09 MAY 78 [] SEC CLASS: 24 MSN: 11P ACCN: S083993 25X1

ELECTRONICS, EW RADAR SYSTEMS CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [] COMIREX NO:

25X1

SINCE ABOUT 1970, CHINA HAS BEEN DEVELOPING A BALLISTIC-MISSILE EARLY-WARNING SYSTEM (BMEWS). IT HAS TWO MAIN ELEMENTS, OF WHICH ONE IS A BMEWS NETWORK CONSISTING OF AT LEAST EIGHT SITES WITH LONG-RANGE RADARS THAT REPORT TO AND ARE CONTROLLED BY A HEADQUARTERS NEAR PEKING. ALL THE SITES ARE IN THE NORTHERN HALF OF THE COUNTRY AND PROVIDE COVERAGE OF ALL SOVIET LAND-BASED MISSILE INSTALLATIONS AS WELL AS SLBM LAUNCHES FROM THE NORTHERN SEA OF JAPAN. SINCE 1976, FIVE OF THESE HAVE ENGAGED IN REGULAR BUT UNSOPHISTICATED SIMULATED TRACKING OF SOVIET MISSILES TWICE EACH MONTH. THE RADARS APPEAR INACTIVE MOST OF THE TIME, INDICATING THE SYSTEM IS NOT OPERATIONAL DESPITE A POSSIBLE LIMITED OPERATIONAL CAPABILITY.

25X1

NAVY DSIIR RPP06-8001-78 FEB 78 SEC CLASS: 05 MSN: 122P ACCN: S083995

NAVAL, INSTALLATIONS KN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [] COMIREX NO:

25X1

25X1

25X1

153
TOP SECRET CHESS RUFF []

TOP SECRET CHESS RUFF

25X1
25X1

THIS PUBLICATION HAS BEEN PRIMARILY DERIVED FROM SATELLITE IMAGERY AND PHOTOGRAPHIC ANALYSIS AND DESCRIBES THE DEMOCRATIC PEOPLE'S REPUBLIC OF KOREA NAVAL OPERATING BASES, FACILITIES, AND SHIPYARDS ENGAGED IN NAVAL CONSTRUCTION. THE PRIMARY OBJECTIVE IS TO PROVIDE A CONCISE YET COMPREHENSIVE OVERVIEW OF SUCH INSTALLATIONS. MEASUREMENTS ARE PROVIDED ON EACH INSTALLATION TO FACILITATE LOCAL SCALING. THE DESCRIPTION OF EACH INSTALLATION CONTAINS TEXTUAL INFORMATION IDENTIFYING THE PHYSICAL COMPONENTS, PRIMARY FUNCTIONS, AND VARIOUS TYPES OF NAVAL COMBATANTS GENERALLY PRESENT AT THE FACILITY. INSTALLATIONS ARE DEPICTED FROM EITHER THE LATEST AND BEST QUALITY OR MOST REPRESENTATIVE IMAGERY AVAILABLE. ALL INFORMATION AND IMAGERY WAS CURRENT AS OF OCTOBER 1977. INSTALLATION OUTLINES PROVIDED HEREIN ARE FICPAC ANALYST DERIVED. FOR PURPOSES OF THIS PUBLICATION, NAVAL UNITS ARE DEFINED AS ALL COMBATANTS AND AUXILIARIES OF MILITARY INTEREST.

DIA IAPPR 126-78 16 MAY 78 [] SEC CLASS: 25 Y MSN: 8P ACCN: S083996 25X1

INDUSTRY, OIL EXPLORATION DEVELOPMENTS KN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [] COMIREX NO:

25X1

NORTH KOREA'S INTEREST IN DEVELOPING POTENTIAL OFFSHORE OIL RESERVES BEGAN PRIOR TO OCTOBER 1976, WHEN AN OIL EXPLORATION DRILLING BARGE CONSTRUCTED AT NAMPO WAS LAUNCHED. RECENTLY, PYONGYANG STEPPED UP EFFORTS TO OBTAIN FOREIGN EXPLORATION EQUIPMENT AND TECHNICAL ASSISTANCE. SEVERAL FACTORS HAVE UNDOUBTEDLY ADDED IMPETUS TO THE COUNTRY'S SEARCH: CONTINUING FISCAL AND ECONOMIC PROBLEMS, OVER DEPENDENCE ON CHINA AND THE USSR FOR OIL, DIFFICULTIES IN SECURING ADEQUATE ALTERNATE POL SOURCES, AND INCREASING DEMANDS FOR PETROLEUM IN THE CIVILIAN SECTOR TO SUPPORT THE NEW SEVEN-YEAR ECONOMIC PLAN. IF DISCOVERED, A PROPERLY DEVELOPED AND MANAGED SOURCE COULD EASE THESE PROBLEMS CONSIDERABLY.

DIA STUDY DST16305-396-77 SEP 77 [] SEC CLASS: 25 X MSN: 333P ACCN: S083998 25X1

NAVAL, R+D RESOURCES UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [] COMIREX NO:

25X1

THIS STUDY IS AN ASSESSMENT OF THE RESEARCH AND DEVELOPMENT CAPABILITIES OF SELECTED SCIENTIFIC RESEARCH INSTITUTES AND DESIGN ORGANIZATIONS IN THE SOVIET UNION WITH REGARD TO NAVAL WEAPONS SYSTEMS. IT ASSESSES THE ROLES AND ACTIVITIES OF THE SOVIET ALL UNION MINISTRY OF SHIPBUILDING INDUSTRY, AND THE SOVIET NAVAL WEAPONS SYSTEM ACQUISITION PROCESS, AS WELL AS THE ROLES AND ACTIVITIES OF CERTAIN SCIENTIFIC RESEARCH INSTITUTES AND DESIGN BUREAUS.

THE CUTOFF DATE FOR THE INFORMATION INCLUDED IN THIS STUDY IS 29 JULY 1977.

DIA STDY DST10705-102-78 21 APR 78 [] SEC CLASS: 25 MSN: 205P ACCN: S083999 25X1

PLESETSK MTC UR 625746N 0402346E

25X1

154
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
23A1

THIS STUDY PROVIDES A COMPREHENSIVE ASSESSMENT OF THE PLESETSK MISSILE AND SPACE RANGE. IT EXAMINES THE HISTORY AND CURRENT OPERATIONS OF THIS RANGE AS WELL AS PROSPECTS FOR ITS FUTURE IN THE SOVIET MISSILE AND SPACE EFFORT.

NAVY STUDY [redacted] 16 MAR 78 [redacted] SEC CLASS: 13 MSN: 28P ACCN: S084002 25X1

CIENFUEGOS NAVAL ACTIVITY/CONSTRUCTION

CU 2209 N 08027 W
NPIC NO :
COMIREX NO:

25X1

THE TEXTUAL AND PHOTOGRAPHIC INFORMATION IN THIS REPORT COVERS NAVAL ACTIVITY AND CONSTRUCTION IN THE CIENFUEGOS, CUBA, AREA FROM 1970 TO THE PRESENT. ANALYST COMMENTS ADDRESS POTENTIAL DEVELOPMENT OF SOVIET NAVAL FACILITIES IN TWO BASIC SUPPORT SCENARIOS: SUPPORT FOR CONVENTIONAL SURFACE UNITS, AND SUPPORT FOR CONVENTIONAL SURFACE AND SUBMARINE UNITS. THE POSSIBLE INTRODUCTION OF NUCLEAR POWER PLANTS IN THE CIENFUEGOS AREA IS ALSO ADDRESSED.

25X1

155
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF



25X25X1

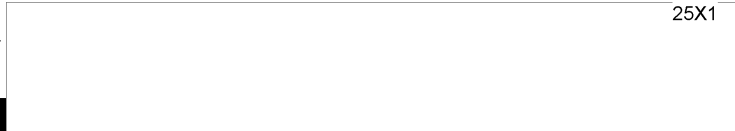


25X1

AF PAR 554-78 21 APR 78 SEC CLASS: 13 MSN: 25P ACCN: S084011

25X1

156
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

KAZAN AIRFRAME PLANT GORBUNOV 22 UR 555140N 0490700E

25X1

KUYBYSHEV AIRFRAME PLANT LENIN 18 ASBLY BLDG UR 531300N 0501814E

25X1

VORONEZH AIRFRAME PLANT 64 ASSEMBLY BLDG U/C UR 513819N 0391517E

25X1

AIRCRAFT AIRFRAME PLANTS ASSEMBLY BLDGS COMP UR
WAC NO : RE/OBJ NO: NPIC NO :
IDHS CODE: COMIREX NO:

25X1

THIS REPORT, WITH ASSOCIATED DRAWING 78D6508, SUPERCEDES PAR 73-664, PARAGRAPH 2D OF 74-538, AND PARAGRAPH 2D (4) OF 75-505.

IT PROVIDES A DETAILED ANALYSIS OF A LARGE ASSEMBLY/ENGINEERING BUILDING UNDER CONSTRUCTION AT KAZAN AIRFRAME PLANT 22.

CONTAINED WITHIN THIS ANALYSIS IS A FUNCTIONAL IDENTIFICATION OF EACH SIGNIFICANT BUILDING TOGETHER WITH CONSTRUCTION TIMING AND TOTAL ROOF COVERAGE AND FLOORSPACE FIGURES. IN ADDITION, ANY EXTRAORDINARY FEATURES OF BUILDINGS ARE DISCUSSED. ANNOTATION NUMBERS ARE KEYED TO DRAWING 78D6508.

FOUR OTHER AIRFRAME PLANTS IN THE SOVIET UNION WERE REVIEWED TO ASCERTAIN WHETHER OR NOT THEY CONTAIN NEW ASSEMBLY BUILDINGS SIMILAR TO THE ASSEMBLY/ENGINEERING BUILDING UNDER CONSTRUCTION. THE PLANTS REVIEWED WERE KUYBYSHEV AIRFRAME PLANT LENIN 18, VORONEZH AIRFRAME PLANT 64, TASHKENT AIRFRAME PLANT B CHKALOV 84, AND KIYEV AIRFRAME PLANT 473.*

25X1

AF PAR 565-78 20 APR 78 SEC CLASS: 13 MSN: 21P ACCN: 5084013 25X1

RAMENSKOYE FLIGHT TEST CENTER AREA 2 SUKHOY UR 553424N 0380819E

25X1

157
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THIS REPORT, WITH DRAWING 73D6515/1, PROVIDES AN UPDATED ANALYSIS OF THE SUKHOY PORTION OF THE RAMENSKOYE FLIGHT TEST CENTER.

IT INCLUDES A CHRONOLOGY OF FACILITY GROWTH EXPRESSED IN TERMS OF ROOF COVERAGE AND FLOORSPACE FOR THE PERIOD FROM JULY 1961 THROUGH FEBRUARY 1978, A DETAILED DESCRIPTION OF ALL SIGNIFICANT BUILDINGS AND NEW CONSTRUCTION/EXPANSION, AND A COUNT OF AIRCRAFT AND COMPONENTS OBSERVED AT THE FACILITY.*

AF PAR 566-78 17 APR 78 [REDACTED] SEC CLASS: 13 MSN: 16P ACCN: S084014 25X1

RAMENSKOYE FLIGHT TEST CENTER AREA 2 MIKOYAN UR 553424N 0380819E

25X1

THIS REPORT AND DRAWING 73D6515/1 PROVIDE AN UPDATED ANALYSIS OF THE MIKOYAN PORTION OF THE RAMENSKOYE FLIGHT TEST CENTER.

IT INCLUDES A CHRONOLOGY OF FACILITY GROWTH EXPRESSED IN TERMS OF ROOF COVERAGE AND FLOORSPACE FOR THE PERIOD FROM JULY 1961 THROUGH FEBRUARY 1978, A DETAILED DESCRIPTION OF ALL SIGNIFICANT BUILDINGS AND NEW CONSTRUCTION/EXPANSION, AND A COUNT OF AIRCRAFT AND COMPONENTS OBSERVED AT THE FACILITY.

INFORMATION IN THIS REPORT SUPERCEDES PAR 73-578. ALSO REFERENCED ARE PAR 77-630 AND DRAWING 73D6511/2.

*

AF PAR 567-78 17 APR 78 [REDACTED] SEC CLASS: 13 MSN: 16P ACCN: S084015 25X1

RAMENSKOYE FLIGHT TEST CENTER AREA 2 YAKOLEV UR 553424N 0380819E

25X1

THIS REPORT, WITH DRAWING 73D6515/1, PROVIDES AN UPDATED ANALYSIS OF THE YAKOLEV PORTION OF THE RAMENSKOYE FLIGHT TEST CENTER.

IT INCLUDES A CHRONOLOGY OF FACILITY GROWTH EXPRESSED IN TERMS OF ROOF COVERAGE AND FLOORSPACE FOR THE PERIOD FROM JULY 1961 THROUGH FEBRUARY 1978, A DETAILED DESCRIPTION OF ALL SIGNIFICANT BUILDINGS AND NEW CONSTRUCTION/EXPANSION, AND A COUNT OF AIRCRAFT AND COMPONENTS OBSERVED AT THE FACILITY.

INFORMATION IN THIS REPORT SUPERCEDES PAR 73-577.*

25X1

158
TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

[Redacted]

[Redacted]

25X1

AF PAR 577-78 12 APR 78 [Redacted] SEC CLASS: 13 MSN: 17P ACCN: S08401725X1
MISSILES, ICBM TYPE 3D SILO CONSTRUCTION UR

[Redacted]

25X1

THIS REPORT PROVIDES A DETAILED DESCRIPTION OF TYPE IIID SILO MODERNIZATION AND CONSTRUCTION. IT REFERENCES PAR'S 76-602 AND 74-510, AND DRAWINGS 75E1512/1 AND 76C1512.*

AF PAR 581-78 19 APR 78 [Redacted] SEC CLASS: 13 MSN: 3P ACCN: S08401825X1
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 UR 554846N 0373034E

[Redacted]

25X1

THIS REPORT, WITH DRAWING 76C6504/2, PROVIDES AN UPDATED ANALYSIS OF THE MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155. IT CONTAINS A DESCRIPTION OF NEW CONSTRUCTION AND A TABULATION OF PLANT GROWTH IN TERMS OF ROOF COVERAGE AND FLOORSPACE.

IT SUPERCEDES PAR 77-570. PAR 76-517 IS REFERENCED.*

AF PAR 585-78 21 APR 78 [Redacted] SEC CLASS: 13 MSN: 4P ACCN: S08401925X1
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115 UR 554817N 0373126E

[Redacted]

25X1

THIS REPORT, WITH DRAWING 76C6503/2, PROVIDES AN UPDATED ANALYSIS OF THE MOSKVA EXPERIMENTAL PLANT 115. NEW CONSTRUCTION IS IDENTIFIED. A TABLE OF PLANT GROWTH IN TERMS OF FLOORSPACE AND ROOF COVERAGE IS INCLUDED.

IT SUPERCEDES PAR 77-571, AND PARAGRAPH 26 (7) OF PAR 77-333.*

AF PAR 585-78 01 MAY 78 [Redacted] SEC CLASS: 13 MSN: 6P ACCN: S08402025X1
LENINGRAD AVIATION ELCT PROD TECH INST IDENT UR 595735N 0302120E

[Redacted]

25X1

THIS REPORT, WITH DRAWING 78C6516, PROVIDES A DETAILED DESCRIPTION AND A 10-YR CHRONOLOGY OF THE LENINGRAD AVIATION ELECTRONIC PRODUCTION TECHNICAL INSTITUTE.*

159
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

25X1

AF PAR 586-78 27 APR 78 [REDACTED] SEC CLASS: 13 MSN: 4P ACCN: S084022 25X1

ELECTRONICS, MICROWAVE ANTENNAS SAM SITES	UR	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	[REDACTED]	COMIREX NO:
MILITARY, AAA EQUIPMENT SEARCH SAM SITES	UR	25X1
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	[REDACTED]	COMIREX NO:
MISSILES, SAM SITES AAA EQUIPMENT SEARCH	UR	25X1
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	[REDACTED]	COMIREX NO:

25X1
25X1

AF PAR 592-78 26 APR 78 [REDACTED] SEC CLASS: 13 MSN: 2P ACCN: S084024 25X1

PECHORA PHASED-ARRAY RADAR FACILITY ANT MSRMT UR 651230N 0571720E 25X1

[REDACTED]

160
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

DRAWING 76D1519 SUPPLEMENTS THIS REPORT.*

AF ENDR C6516-78 18 APR 78 [redacted] SEC CLASS: 13 MSN: 1P ACCN: S084026 25X1

LENINGRAD AVIATION ELCT PROD TECH INST 17 UR 595735N 0302120E
[redacted] NPIC NO : 25X1
COMIREX NO:

THIS DRAWING SUPPLEMENTS PAR 78-585.*

25X1

AF ENDR B4513-78 14 APR 78 [redacted] SEC CLASS: 13 MSN: 1P ACCN: S084028 25X1

EMBA MTC COMPLEX C TEL/CANISTER DIMENSIONS UR 483103N 0580207E
[redacted] 25X1

THIS DRAWING SUPPLEMENTS PAR 78-576.*

AF ENDR D6508-78 10 MAR 78 [redacted] SEC CLASS: 13 MSN: 1P ACCN: S084029 25X1

KAZAN AIRFRAME PLANT GORBUNOV 22 UR 555140N 0490700E
[redacted] 25X1

161
TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PAR 78-554.*

AF ENDR C4511-78 24 MAR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084032 25X1

KAZAN MISSILE PROPULSION R+D FACILITY UR 555345N 0485007E

[Redacted]

25X1

KAZAN LASER TEST RANGE POSS UR 555345N 0485031E

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PAR 78-570.*

AF ENDR C4510-78 24 MAR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084031 25X1

KAZAN MISSILE PROPULSION R+D FACILITY UR 555345N 0485007E

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PAR 78-570.*

AF ENDR B6518-78 24 APR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084032 25X1

TYK MYS ASM RANGE PROB UR 514346N 1414027E

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PAR 78-591.*

AF ENDR D6515-1-73 07 APR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084033 25X1

RAMENSKOYE FLIGHT TEST CENTER AREA 2 UR 553424N 0380210E

[Redacted]

25X1

THIS DRAWING SUPPLEMENTS PARS 76-516 AND 78-583.*

AF ENDR C6503-2-76 10 APR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084034 25X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 115 UR 554817N 0373126E

[Redacted]

25X1

[Redacted]



TOP SECRET CHESS RUFF



25X1

THIS DRAWING SUPPLEMENTS PARS 78-565, 78-566, 78-567.*

AF ENDR C6504-2-76 04 APR 78  SEC CLASS: 13 MSN: 1P

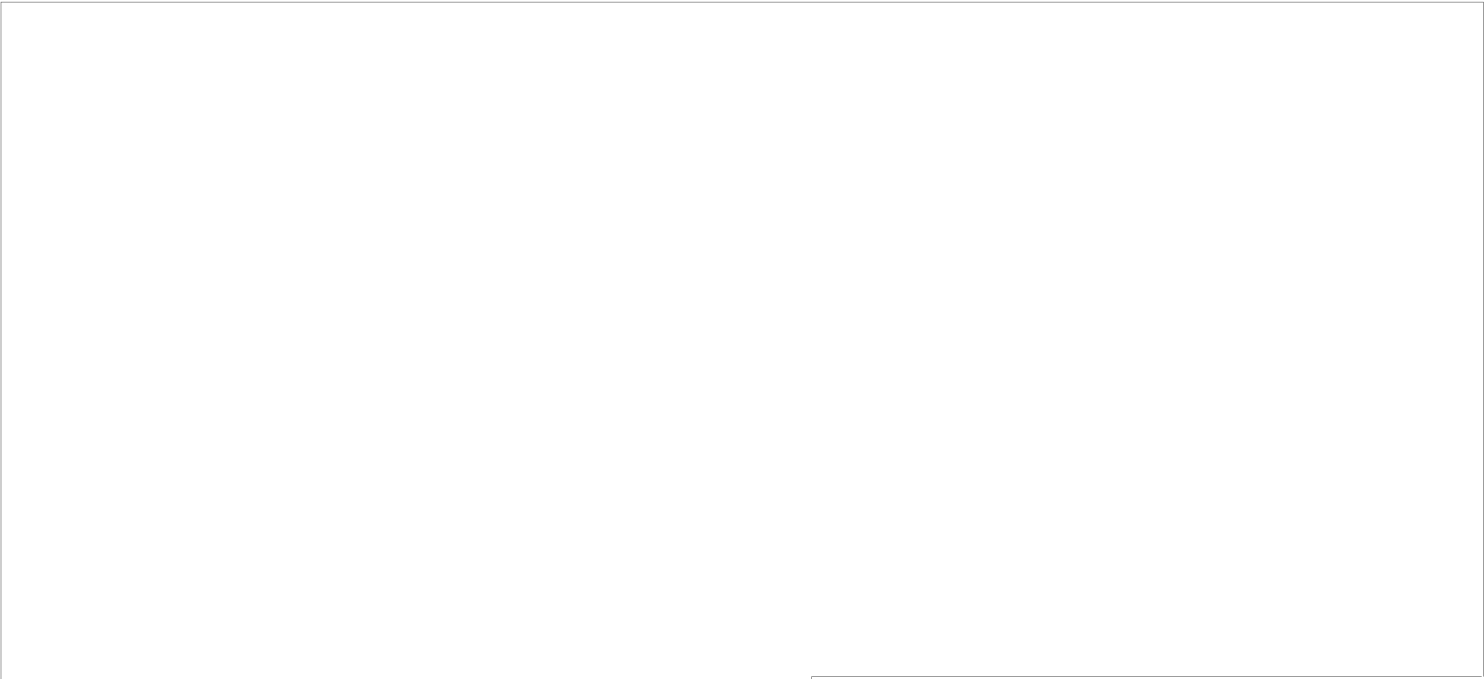
ACCN: 5084035 25X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 UR 554846N 0373034E



25X1

THIS DRAWING SUPPLEMENTS PARS 76-517 AND 78-581.*



25X1

TOP SECRET CHESS RUFF



25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Large Redacted Area]

25X1

AF ENDR D6511-78 24 MAR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084042 25X1

KAZAN MISSILE PROPULSION R+D FACILITY UR 555345N 0485007E

25X1

KAZAN LASER TEST RANGE POSS UR 555345N 0485031E

25X1

THIS DRAWING SUPPLEMENTS PAR 78-570 AND SUPERSEDES DRAWING 7406522/1.*

AF [Redacted]

25X1

AF ENDR C4519-1-74 MAR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084044 25X1

KAZAN MISSILE PROPULSION R+D FACILITY UR 555345N 0485007E

25X1

THIS DRAWING SUPPLEMENTS PAR 78-570.*

AF ENDR C3510-2-74 MAR 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: S084045 25X1

164
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1

KAZAN MISSILE PROPULSION R+D FACILITY UR 555345N 0485007E

25X1

KAZAN LASER TEST RANGE POSS UR 555345N 0485031E

25X1

THIS DRAWING SUPPLEMENTS PAR 78-570.*

AF ENDR E1512-1-75 24 MAR 78 SEC CLASS: 13 MSN: 1P

ACCN: 5084046

25X1

MISSILES, ICBM TYPE 3D SILO CONSTRUCTION UR
WAC NO : NPIC NO :
IDHS CODE: COMIREX NO:

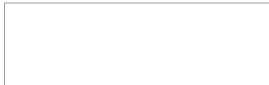
25X1

THIS DRAWING SUPPLEMENTS PARS 78-577, 76-602, AND 74-510 AND SUPERSEDES DRAWING 72E1522.*

25X1

Page Denied

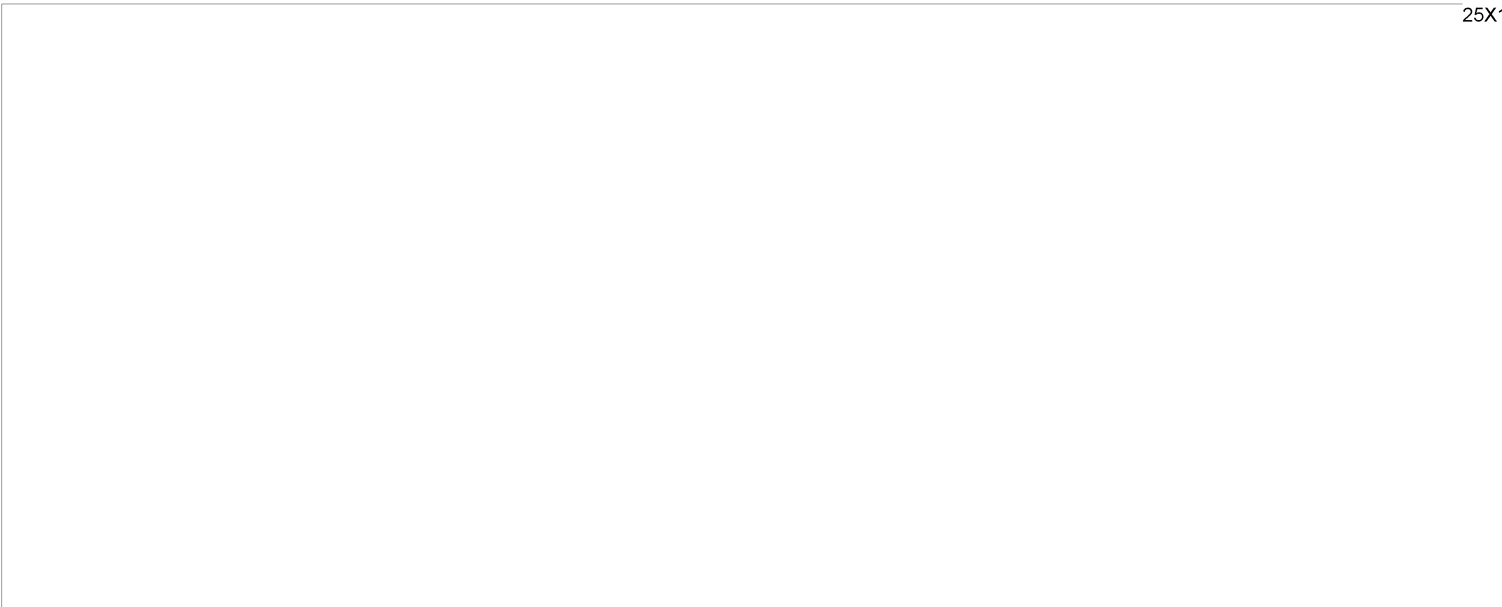
Next 1 Page(s) In Document Denied



TOP SECRET CHESS RUFF



25X1



25X1

CIA IRP IS10096K-78 MAY 78 [redacted] SEC CLASS: 13 MSN: 15P ACCN: 5084072 25X1

ARALSK R+D TROPOSCATTER + RADCOM RECEIVER STA UR 464617N 0612048E



25X1

ANALYSIS OF IMAGERY HAS RESULTED IN THE IDENTIFICATION OF A SOVIET STRATEGIC ROCKET FORCES FACILITY NEAR ARALSK THAT IS DESIGNED TO PERFORM RADAR CROSS SECTION ANALYSIS OF MISSILE PAYLOAD COMPONENTS. THIS INSTALLATION HAS BEEN OPERATIONAL SINCE AT LEAST 1969 AND WAS PREVIOUSLY KNOWN AS THE ARALSK RESEARCH AND DEVELOPMENT AND RECEIVER FACILITY. THE NEW IDENTIFICATION IS BASED ON THE ARRANGEMENT OF THE THREE AREAS THAT MAKE UP THE ARALSK FACILITY, THE PHYSICAL LAYOUT OF THE INDIVIDUAL AREAS, AND THE ELECTRONIC EQUIPMENT THAT WAS PRESENT. ADDITIONAL EVIDENCE FOR THIS IDENTIFICATION INCLUDES TWO SIGHTINGS OF SPHERES,

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

WHICH ARE COMMON RADAR CROSS SECTION RANGE CALIBRATION DEVICES, AND THE IDENTIFICATION OF POSSIBLE REENTRY VEHICLE SHIPPING COMPONENTS.
THE ARALSK FACILITY IS PARTICULARLY WELL SUITED FOR EXPERIMENTATION WITH THREE OF THE VARIABLES THAT AFFECT RADAR CROSS SECTIONS -- RADAR SIGNAL FREQUENCY, SIGNAL POLARITY, AND THE ASPECT ANGLE OF THE TARGET.

25X1

TOP SECRET CHESS RUFF

25X1

Page Denied

Next 2 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1

25X1

CIA INFR IS10114K-78 18 MAY 78 [REDACTED] SEC CLASS: 13 MSN: 5P ACCN: S084107 25X1

PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT UR 580145N 0561708E

25X1

PERM ARMAMENT + GM SUPT PLT 172 GUN NEW IDENT UR 580145N 0561708E

25X1

MILITARY, FIELD ARTILLERY WEAPON TOWED NEW UR
WAC NO : RE/OBJ NO: NPIC NO :
IDHS CODE: [REDACTED] COMIREX NO:

25X1

OIA HAS IDENTIFIED A NEW TOWED FIELD ARTILLERY WEAPON AT THE PERM ARMAMENTS PLANT 172, USSR. THE OVERALL LENGTH OF THE WEAPON, WHICH HAS ONLY BEEN SEEN IN TRAVEL POSITION, IS APPROXIMATELY 13 METERS. THIS IS [REDACTED] LONGER THAN THE LENGTH OF AN M-46 130-MM FIELD GUN IN TRAVEL POSITION, WHICH IS ALSO MANUFACTURED AT THIS PLANT. THE GUN TUBE ON THE NEW WEAPON MEASURES 9 METERS AND HAS A MUZZLE BRAKE. IT ALSO HAS A RECUPERATOR CYLINDER THAT EXTENDS ABOVE AND BEYOND THE SHIELD WHEN THE GUN IS IN TRAVEL POSITION. [REDACTED] CARRIAGE HAS A SPLIT-WINGED SHIELD POSITIONED BEHIND THE WHEELS, AND SPLIT TRAILS THAT HAVE A LUNETTE. THE TRAILS DO NOT HAVE A LIMBER. THE ACCOMPANYING GRAPHIC SHOWS A PROVISIONAL LINE DRAWING OF THE NEW GUN AND ALSO SHOWS A PHOTO OF THE GUN IN THE SHIPPING YARD AT PERM 172. THE CALIBER OF THE NEW WEAPON IS NOT KNOWN.

25X1

25X1

CIA INFR TSD042-78 15 MAY 78 [REDACTED] SEC CLASS: 13 MSN: 3P ACCN: S08410825X1

TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

[Redacted]

25X1

CIA INFR 1S10102J-78 09 MAY 78 [Redacted] SEC CLASS: 24 MSN: 3P ACCN: 5084110 25X1

GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD UR 561448N 0435341E

25X1

GORKIY MOTOR VEHICLE PLANT BTR-60 APC PROD UR 561448N 0435341E

25X1

KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60 UR 552545N 0651735E

25X1

KURGAN AGRICULTURAL MACH/ARMD VEH PLT BTR-60 UR 552545N 0651735E

25X1

MILITARY BTR-60 APC PRODUCTION STATUS UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [Redacted] COMIREX NO:

25X1

174
TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

THE BTR-60 SERIES ARMORED PERSONNEL CARRIER (APC) HAS BEEN PRODUCED AT TWO KNOWN PLANTS IN THE SOVIET UNION: GORKIY MOTOR VEHICLE PLANT GAZ AND KURGAN AGRICULTURE MACHINE AND ARMORED VEHICLE MODIFICATION PLANT. IT NOW APPEARS THAT BTR-60 PRODUCTION AT GORKIY GAZ HAS CEASED TO ALLOW FOR PRODUCTION OF A NEW APC, POSSIBLY THE BTR-70. IT ALSO APPEARS THAT KURGAN HAS ASSUMED ALL RESPONSIBILITY FOR CONTINUED BTR-60 PRODUCTION AS WELL AS FOR BTR-60 REBUILDING.

CIA INFR IS10107J-78 08 MAY 78 [REDACTED] SEC CLASS: 13 MSN: 11P ACCN: S084111 25X1

MISSILES, SS-7/8/9/11 AIRFRAMES SURPLUS STGE UR
WAC NO : [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] COMIREX NO:

25X1

OIA HAS CONDUCTED A COMPREHENSIVE REVIEW OF THE IMAGERY OF SOVIET MISSILE SUPPORT REAR SUPPLY DEPOTS TO ASSIST IN ASCERTAINING THE DISPOSITION OF SURPLUS SS-7, SS-8, SS-9 AND SS-11 MISSILE AIRFRAMES THAT HAVE BEEN REMOVED FROM DEPLOYED STRATEGIC LAUNCHERS. THE RESULTS OF THIS REVIEW ARE CONTAINED IN EIGHT TABLES IN THIS MEMORANDUM. THE SOVIETS HAVE TRADITIONALLY STORED MISSILE AIRFRAMES WITHIN SPECIALLY-CONSTRUCTED, RAIL-SERVED STORAGE BUILDINGS AT THE REAR SUPPLY DEPOTS. THE MAJORITY OF THE MISSILES AND MISSILE CANISTERS SEEN AT THE DEPOTS WERE IN THE PROCESS OF BEING TRANSFERRED TO OR FROM STORAGE BUILDINGS. OIA BELIEVES THESE STORAGE BUILDINGS ARE VERY LIKELY THE PRIMARY LOCATIONS FOR THE BULK OF ANY MISSILE AIRFRAMES STORED AT THE DEPOTS. BECAUSE OF THIS, THOSE FEW MISSILES IMAGED ARE NOT BELIEVED TO PROVIDE A TRUE INDICATION OF THE ACTUAL NUMBERS PRESENT AT OR CAPABLE OF BEING STORED AT THE FACILITIES.

CIA INFR IS10112K-78 12 MAY 78 [REDACTED] SEC CLASS: 13 MSN: 4P ACCN: S084112 25X1

SEVERODVINSK SHIPYARD YAGRY Y CL DISMANTLING UR 643514N 0394907E

25X1

IN MARCH 1978, THE SOVIETS ANNOUNCED THAT A NEW NUCLEAR-POWERED BALLISTIC-MISSILE SUBMARINE (SSBN) WITH 16 LAUNCHERS HAD GONE ON SEA TRIALS, AND THAT AN OLDER SSBN WITH 16 LAUNCHERS WAS BEING DISMANTLED. WITH THIS TRADE-OFF, THE SOVIETS REMAIN WITHIN THE LIMITS OF 62 MODERN SSBNs AND 950 MISSILE LAUNCH TUBES AGREED UPON UNDER THE TERMS OF THE STRATEGIC ARMS LIMITATION (SAL) INTERIM AGREEMENT.

ANNOUNCEMENT OF THE DISMANTLING OF 16 MISSILE LAUNCH TUBES WAS APPARENTLY IN SPECIFIC REFERENCE TO ACTIVITY UNDERWAY ON THE Y-CLASS SSBN WHICH ARRIVED AT YAGRI ISLAND SHIP REPAIR YARD IN LATE 1977. THE MISSILE LAUNCH TUBES ON THIS SUBMARINE HAVE BEEN REMOVED AT THE YARD, AND IT WILL EVENTUALLY BE EITHER CONVERTED TO SOME OTHER NON-BALLISTIC-MISSILE ROLE OR SCRAPPED. [REDACTED] THE DATE OF THE LATEST COVERAGE USED IN THIS REPORT, ALL OF THE SUBMARINE'S 16 LAUNCH TUBES HAD BEEN REMOVED.

25X1

CIA INFR IS10108J-78 10 MAY 78 [REDACTED] SEC CLASS: 24 MSN: 9P ACCN: S084113 25X1

NAVAL, BALTIC FLEET COMBATANTS READINESS UR
WAC NO : [REDACTED] NPIC NO :
IDHS CODE: [REDACTED] COMIREX NO:

25X1

175
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

THIS MEMORANDUM PRESENTS AN IMAGERY-DERIVED ANALYSIS OF THE READINESS POSTURE OF SELECTED SOVIET NAVAL COMBATANTS IN THE BALTIC FLEET FROM 1974 THROUGH 1977. NAVAL COMBATANTS DISCUSSED IN THIS REPORT INCLUDE W-CLASS DIESEL-POWERED, ATTACK SUBMARINES (SSS), W-LONG BIN-CLASS DIESEL-POWERED, CRUISE-MISSILE SUBMARINES (SSGS), KRESTA-I AND KRESTA-II-CLASS GUIDED-MISSILE CRUISERS (CGS), SVERDLOV-AND CHAPAYEV-CLASS LIGHT CRUISERS (CLS), AND SKORYY- AND MODIFIED SKORYY-CLASS DESTROYERS (DDS).

CIA INFR TSD039-78 10 MAY 78 [] SEC CLASS: 13 MSN: 3P ACCN: S084114 25X1

TARKHANKUTSKIY POLUOSTROV MARINE MAMMAL R+D [] UR 452112N 0324413E 25X1
NPIC NO :
COMIREX NO:

CIA INFR TSD041-78 15 MAY 78 [] SEC CLASS: 13 MSN: 2P ACCN: S084116 25X1

AIRCRAFT, CHECH A [] UR 25X1
WAC NO : NPIC NO :
IDHS CODE: COMIREX NO:
AIRCRAFT, CHUCK A [] UR 25X1
WAC NO : NPIC NO :
IDHS CODE: COMIREX NO: 25X1

25X1

TOP SECRET CHESS RUFF

25X25X1

25X1

CIA INFR IS10122K-78 26 MAY 78 [REDACTED] SEC CLASS: 13 MSN: 7P ACCN: S08412125X1
MURUNTAU GOLD ORE CONCENTRATION PLANT UR 412830N 0643120E

25X1

THIS REPORT PROVIDES AN ANALYSIS OF THE ELECTRIC POWER CAPACITY AT THE MURUNTAU GOLD PLANT AND AN ESTIMATE OF THE TOTAL AMOUNT OF WASTE MATERIAL PRODUCED DURING THE PROCESSING OF GOLD ORE. IT ALSO DESCRIBES THE METHOD OF ORE EXCAVATION AT THE OPEN PIT MINE.

CIA INFR IS10127K-78 30 MAY 78 [REDACTED] SEC CLASS: 13 MSN: 11P ACCN: S08412225X1
PAOTOU MISSILE + ARTILLERY PLANT 447 CH 404105N 1095235E

25X1

PAOTOU MISSILE + ARTILLERY PLANT 447 CH 404105N 1095235E

25X1

177
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

PAO-TOU MISSILE SUPPORT EQUIPMENT (MSE) AND ARTILLERY PLANT 447 IS THE LARGEST KNOWN ARTILLERY PLANT IN CHINA. IT PRODUCES CSA-1 SURFACE-TO-AIR MISSILE (SAM) LAUNCHERS, TYPE 59 57-MM AND 100-MM ANTI-AIRCRAFT ARTILLERY (AAA), AND THE 100-MM GUN FOR TYPE 59 TANKS.

25X1

CIA INFR IS10125-78 23 MAY 78

SEC CLASS: 05 MSN:

6P

ACCN: 5084125

UIMASHQ MILITARY INSTLS RIFAAT ASAD FORCE
WAC NO : 0426 BE/OBJ NO:

SY 3330 N 03618 E
NPIC NO :

178

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
ZSAI

COMIREX NO:

25X1

THE ASAD FORCE IS SOMEWHAT SMALLER THAN A SYRIAN ARMORED DIVISION. OIA HAS IDENTIFIED AN ARMORED BRIGADE, A MECHANIZED INFANTRY REGIMENT, AND THREE INDEPENDENT TANK BATTALIONS WITH THE ASAD FORCE. COMBAT SUPPORT UNITS INCLUDE AN ARTILLERY REGIMENT, AN ANTI-AIRCRAFT BATTALION, A CHEMICAL COMPANY, AND A SIGNAL COMPANY. THEY HAVE ALSO IDENTIFIED A UNIT KNOWN AS THE 915TH SPECIAL GROUP, WHICH PROTECTS RIFAAT ASAD.

CIA INFR 1510128J-78 26 MAY 78 [] SEC CLASS: 24 MSN: 46P ACCN: 5084126 25X1

MILITARY, 68TH ARMY SHENYANG MILITARY REGION CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: [] COMIREX NO:

25X1

THE 68TH ARMY IS LOCATED IN EASTERN KIRIN PROVINCE, CENTRAL SHEN-YANG MILITARY REGION. THE ARMY HEADQUARTERS AND MAJOR SUPPORT ELEMENTS ARE LOCATED IN CHI-LIN, WITH THREE SUBORDINATE INFANTRY DIVISIONS LOCATED AT CHI-LIN, CHIAO-HO, AND YEN-CHI. ONLY ONE OF THESE DIVISIONS HAS A SUBORDINATE TANK REGIMENT.

ACCORDING TO SIGINT THE 68TH ARMY WAS LOCATED IN THE CHI-NAN MILITARY REGION UNTIL 1975 WHEN IT WAS ROTATED WITH THE 46TH ARMY, THEN IN THE SHEN-YANG MILITARY REGION. THERE IS NO PHOTOGRAPHIC EVIDENCE TO CONFIRM THE ROTATION OF THESE TWO ARMIES.

ATTACHED TO THIS MEMORANDUM ARE UNIT PHOTOGRAPHS ANNOTATED IN THE NATIONAL BASIC REFERENCE GRAPHIC (NBRG) FORMAT, OIA INSTALLATION BRIEFS, AND A TABLE LISTING ALL OF THE UNITS WHICH ARE SUBORDINATE TO THIS ARMY AND ITS DIVISIONS. THE ANALYSIS PRESENTED IN THIS MEMORANDUM HAS BEEN COORDINATED WITH THE CHINA GROUND FORCES WORKING GROUP.

25X1

25X1

Page Denied

Next 5 Page(s) In Document Denied

TOP SECRET CHESS RUFF

25X1

25X1

NPIC MEMO 14 JUN 78 SEC CLASS: 14B MSN: 3P

ACCN: S08418 25X1

BAGRATIONOVSK ARMY BKS KGB/SIGNAL UNITS SRCH UR 542242N 0203739E

25X1

BOLSHAKOVO KGB/SIGNAL UNITS SEARCH UR 5453 N 02140 E

25X1

RIGA KGB/SIGNAL UNITS SEARCH UR 5657 N 02406 E

25X1

25X1

TOP SECRET CHESS RUFF

25X1

Page Denied

Next 4 Page(s) In Document Denied

Top Secret



Top Secret