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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



**MONTHLY INDEX
PHOTOGRAPHIC EXPLOITATION PRODUCTS
FEBRUARY 1980**

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**PEP-002/80
MARCH 1980
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PHOTOGRAPHIC EXPLOITATION PRODUCTS

MONTHLY INDEX PHOTOGRAPHIC EXPLOITATION PRODUCTS FEBRUARY 1980

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INTRODUCTION

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

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

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

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GUIDE TO USERS

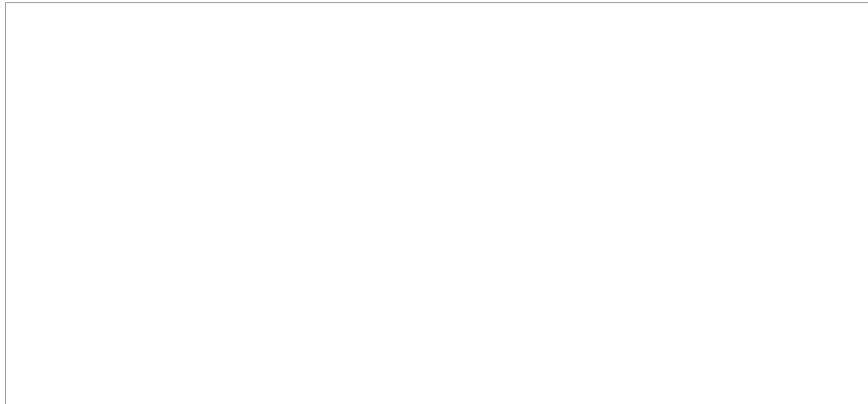
The PEP consists of six indexes:

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

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

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

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ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

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

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ABBREVIATIONS AND NUMERIC CODES (Continued)

REPORT TYPES (Continued)

REPT - Photographic Interpretation Report

SPIR - Special Photographic Intelligence Report

SR - Summary Report

STDY - Study

SUPR - Supplemental Photographic Intelligence Report

TP - Technical Publication

[redacted]

07 - CONFIDENTIAL

08 - CONFIDENTIAL [redacted]

10 - TOP SECRET CHESS

11 - TOP SECRET CHESS [redacted]

13 - TOP SECRET CHESS RUFF

14 - TOP SECRET CHESS RUFF [redacted]

20 - TOP SECRET [redacted]

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SECURITY CLASSIFICATION

00 - UNCLASSIFIED

01 - TOP SECRET

02 - TOP SECRET [redacted]

04 - SECRET

05 - SECRET [redacted]

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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

NAVY - NAVY

AF - AIR FORCE

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

ARMY - ARMY

NSA - NATIONAL SECURITY AGENCY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

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CIA - CENTRAL INTELLIGENCE AGENCY

SAC - SAC (544th RTS)

DIA - DEFENSE INTELLIGENCE AGENCY

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

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE

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

COMMITTEE

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

STL - SPACE TECHNOLOGY LABORATORY

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[redacted]
JOINT - JOINT (2 or more USIB members participating)

[redacted]
USIB - UNITED STATES INTELLIGENCE BOARD

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NATO - NORTH ATLANTIC TREATY ORGANIZATION

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EPF SUBJECT CATEGORIES

05 - AIR ACTIVITY

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

10 - GENERAL ACTIVITY

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

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

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

30 - INDUSTRIAL ACTIVITY

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

35 - MILITARY ACTIVITY

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

40 - MISSILE & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

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

60 - OVERLAYS/PLOTS

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

65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

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

80 - STORAGE ACTIVITY (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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PART I

Listing of Reports Alphabetically

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SUBJECT	COUN	COORD	ACCN NO.
ABAKAN ARMY BARRACKS AL1 + HEADQUARTERS MRD	UR	534138N 0912342E	S089105
AIRCRAFT, BACKFIRE B MODIFIED	UR		S089300
AIRCRAFT, BACKFIRE B PYLON CRATES	UR		S088989
AIRCRAFT, BEAR E TU-95	UR		S089321
AIRCRAFT, FENCER A SU-19	UR		S089160
AIRCRAFT, FITTER G	UR		S088738
AIRCRAFT, FLOGGER G MIG-23 INFRARED POD ANAL	UR		S089328
AIRCRAFT, HSIAN A DEVELOPMENT 1970-1979	CH		S089048
AIRCRAFT, KASP A SUPPORT CRADLES	UR		S088862
AIRCRAFT, KASP B SUPPORT CRADLES	UR		S088861
AIRCRAFT, RAM K FUSELAGE OBSERVATIONS PROB	UR		S089466
AKHTUBINSK FLIGHT TEST CTR BACKFIRE B MODIF	UR	481735N 0461216E	S089300
AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW	UR	481851N 0461630E	S089454
AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW	UR	481851N 0461630E	
AKTOGAY ARMY BKS AL1 ABRN BN BMD-EQUIP IDENT	UR	465535N 0794010E	S089293
ALEKSANDROV SEMICONDUCTOR PLANT	UR	562350N 0384245E	S089044
[REDACTED]			
ANDREYEVKA COMSAT STATION NO SIGNIFICANT CHNG	UR	443030N 1332828E	S089109
ANDREYEVO RADAR R+D TEST FACILITY	UR	555330N 0411215E	S089309
ANSHAN IRON + STEEL PLANT	CH	410815N 1225928E	S088979
ARAD CHEMICAL COMBINE	RO	461030N 0212530E	S089463
ASTRAKHAN GAS FIELD DEVELOPMENT	UR	4620 N 04801 E	S089004

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SUBJECT	COUN	COORD	ACCN NO.
BACAU CHEMICAL COMBINE	RO	463128N 0265618E	S089463
BAGRAM AIRFIELD AIRBORNE BATTALION SOVIET	AF	345700N 0691602E	S089217
BAGRAM AIRFIELD TWIN PLATE DEPLOYMENT SOV	AF	345700N 0691602E	S089291
BALKHASH AIRFIELD AIRBORNE UNIT IDENTIFIED	UR	465331N 0750017E	S089226
BALKHASH AIRFIELD CANDID IL-76 ACTIVITY INCR	UR	465331N 0750017E	S089222
BANDAR ABBAS AIRFIELD INTL AAA SITE CF	IR	271335N 0562238E	S089232
BANDAR ABBAS AIRFIELD INTL AAA SITE CF	IR	271335N 0562238E	S089232
BAOTOU IRON + STEEL PLANT KUNTULUN	CH	404025N 1094626E	S088979
BEIJING ATOMIC ENERGY INSTITUTE	CH	394424N 1160207E	S088955
BEJUCAL RADCOM STATION SOUTH POINT-TO-POINT	CU	225646N 0822148W	S089487
BELOOMUT COMSAT STATION NO SIGNIFICANT CHNG	UR	545641N 0392552E	S089109
BENXI IRON + STEEL PLANT KUNGYUAN	CH	411642N 1234343E	S088979
BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	465107N 0365712E	S089007
BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	465107N 0365712E	S089007
BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	465107N 0365712E	S089007
BIE MILITARY INSTALLATION	AO	122440S 0165650E	S089148
BOBROVICH I AIRFIELD COMMAND CONTROL COMMO BKR	UR	521645N 0292120E	S089172
BOLSHOY GORODETSKIY TRACKING FACILITY	UR	674357N 0405340E	S088990
BOMA MILITARY TRAINING FACILITY	AO	114820S 0200750E	S088664
BRYANSK INTEGRATED CIRCUIT + TRANSISTOR PLANT	UR	531520N 0342158E	S089044

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SUBJECT	COUN	COORD	ACCN NO.
BULAKHOVKA RADIO RELAY STATION	UR	483521N 0354000E	S089543
CAIMANERA ECM SITE PROB	CU	195936N 0751114W	S089487
CBR, TRAINING RANGES ODESSA MILITARY DISTRICT	UR		S089007
CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH	435421N 1251203E	S089486
CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH	435421N 1251203E	
CHANGHSINTIEN ARMORED VEHICLE PLANT 618	CH	394840N 1161040E	S089182
CHERNOMOR NAVAL MTC INSTRUMENTATION SITE 12	UR	450518N 0354417E	S088898
CHERNOMORSKOYE TRACKING FACILITY	UR	450250N 0355700E	
CHERNOVTSY SEMICONDUCTOR PLANT GRAVITON	UR	481635N 0255920E	S089044
CHERVONO GLINSKOYE AIRFIELD GCI SITE RDR U/I	UR	4558 N 02921 E	S088663
CHIMKENT AIRFIELD CANDID IL-76	UR	421840N 0693649E	S089225
CHOYBALSAN AIRFIELD NE HANGARETTE	MG	480803N 1143848E	S089172
CHRZANOW PETROLEUM REFINERY	PL	500939N 0192650E	S089465
CRAIOVA CHEMICAL COMBINE ISALNITA	RO	442302N 0234305E	S089463
CZECHOWICE PETROLEUM REFINERY DZIEDZICE	PL	495432N 0190058E	S089465
DELINGHA SSM CAVE STORAGE AREA 1	CH	372647N 0971537E	S088849
DELINGHA SSM RADCOM STATION BUNKER HARD PROB	CH	372726N 0972348E	
DELINGHA SSM REGIMENTAL HQ CP BUNKER PROB	CH	372640N 0971321E	
DELINGHA SSM SITE 1	CH	373358N 0964952E	
DELINGHA SSM SITE 2 PROB	CH	372940N 0972056E	
DELINGHA SSM SITE 3 PROB	CH	372925N 0971622E	
DELINGHA SSM SITE 4 PROB	CH	372943N 0970326E	
DERA GHAZI KHAN URANIUM HEXAFLUORIDE FACILITY	PK	295949N 0703446E	S088970
DERA GHAZI KHAN URANIUM ORE CONC PLANT POSS	PK	295913N 0703514E	

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SUBJECT	COUN	COORD	ACCN NO.
DERAZHNYA SSM COMPLEX ICBM TYPE 3G SITES GDNC	UR	491254N 0270818E	S088855
DIANWEI MTC ABM ACTIVITY POSS	CH	255520N 1024928E	S088953
[REDACTED]			
DOMBAROVSKIY ICBM RTP SS-18 MOD-4 EQUIPMENT	UR	510131N 0594811E	S088814
DONUZLAV OZERO AIRFIELD HANGARETTE	UR	451940N 0330305E	S089172
DROVYANAYA MOBILE IRBM BASE 1 PARK DRIVE	UR	512720N 1130404E	S088953
DROVYANAYA SS-20 REMOTE SITE 1	UR	514254N 1125944E	S089145
DRUSKININKAI RADIO RELAY STATION SEARCH	UR	5401 N 02358 E	S089574
DUBOSSARY GCC RELOCATION CPLX MOLDAVIAN/BKR	UR	471732N 0290517E	S088958
EL GABRIEL HF COMMUNICATIONS CENTER U/C NEW	CU	224900N 0822600W	S089046
ELECTRONICS, AN-EL-01 PLANAR APERTURE RADAR	UR		S088743
[REDACTED]			
ELECTRONICS, BI-GRID ANT CABLE CONNECTIONS	UR		S088997
ELECTRONICS, CIVIL DEF ALTERNATE HQ/COMD FACS	UR		S088958
ELECTRONICS, COMMUNICATIONS SYSTEM CONST ACT	UR		S088978
ELECTRONICS, GUIDANCE FACS ICBM TYPE 3F SITES	UR		S088696
ELECTRONICS, GUIDANCE FACS ICBM TYPE 3G SITES	UR		S088855
ELECTRONICS, OPTICAL TRACKING BLDG NEW IDENT	UR		S089096
ELECTRONICS, SIGINT INTERCEPT FACILITIES	CU		S089487
EMBA MTC OPERATIONS SUPT AREA SA-6/SA-X-11	UR	4842 N 05805 E	S089067
EMBA MTC SAM ACTIVITY	UR	483103N 0580207E	S088853
ENGELS AIRFIELD BADGER TU-16 DEPLOYMENT	UR	512844N 0461246E	S089286

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SUBJECT	COUN	COORD	ACCN NO.
FABRICHNYY RELOCATION CPLX CIV DEF HQ KAZAKH	UR	430910N 0762330E	S088958
FAGARAS CHEMICAL + EXPLOSIVES PLANT 1	RO	454838N 0245848E	S089463
FAGARAS CHEMICAL + EXPLOSIVES PLANT 1	RO	454838N 0245848E	
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FEODOSIYA ASW WEAPONS CHECKOUT FACILITY PROB	UR	450022N 0352359E	S088962
FEODOSIYA NAVAL MTC	UR	445115N 0350805E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 1	UR	444420N 0343120E	S088898
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 10	UR	450040N 0352440E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 11	UR	450750N 0353330E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 13	UR	450230N 0354850E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 14	UR	450000N 0355020E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 16	UR	450310N 0360330E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 17	UR	450230N 0360750E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 18	UR	450150N 0361330E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 19	UR	450330N 0362220E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 2	UR	444900N 0344400E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 3	UR	444955N 0345555E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 4	UR	444830N 0350440E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 5	UR	444820N 0350550E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 6	UR	444930N 0350740E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 7	UR	445120N 0350810E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 8	UR	445530N 0351430E	
FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 9	UR	445710N 0352255E	
FERGANA ARMY BARRACKS AL1/HQ AIRBORNE DIV	UR	402300N 0714550E	S089209
FERGANA ARMY BKS AL1/HQ ABRN DIV INSTL VACATE	UR	402300N 0714550E	S089220
GALENKI ESV TRACKING/MOLNIYA FAC DISH ANT	UR	440130N 1314545E	S088850
GDANSK PETROLEUM REFINERY U/C	PL	542100N 0184500E	S089465
GENERAL, CIVIL DEFENSE ALTERNATE HQ/COMD FACS	UR		S088958
GENERAL, CIVIL DEFENSE URBAN SHELTER PROGRAM	CH		S088953
GENERAL, GRAIN IMPORTS TRANSSHIPMENT PROBLEMS	UR		
GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	380840N 0575536E	S088958

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SUBJECT	COUN	COORD	ACCN NO.
GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	380840N 0575536E	
GHADAMES AIRFIELD EAST CONSTRUCTION PROGRESS	LY	300832N 0094227E	S089177
GHAZNI ARMY BARRACKS + HQ REGT TK BN VACATED	AF	333330N 0682550E	S089284
GHURDABIYAH AIRFIELD AIR O/B INCR/CONST NEW	LY	310334N 0163549E	S089456
GOLITSYNO RADCOM TRANSMITTER STATION	UR	553415N 0370039E	S089542
GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR	561936N 0435321E	S088974
GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR	561936N 0435321E	
GORKIY ELECTRONICS RESEARCH FACILITY	UR	561735N 0434510E	S089309
GORKIY SORMOVO RADAR ASSEMBLY + TEST AREA	UR	561925N 0434842E	
GORLICE PETROLEUM RFY GLINIK MARIAMPOLSKI	PL	494026N 0211030E	S089465
GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	534215N 0234925E	S089574
GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	534215N 0234925E	
GUANABO MILITARY CAMP EAST	CU	231008N 0820511W	S089103
GUANTANAMO DF FACILITY	CU	200857N 0751042W	S089487
GUS KHRUSTALNYY COMSAT CNTRL STA NO SIG CHNG	UR	553444N 0405418E	S089109
HAJMASKER MILITARY TRNG AREA TK DIV EXER SOV	HU	471108N 0180120E	S089104
HERAT AIRFIELD MOTOR TRANSPORT UNIT DEPARTURE	AF	341221N 0621347E	S089483
HERAT AIRFIELD MRR BTR-60PB EQUIPPED	AF	341221N 0621347E	S089484
HERAT AIRFIELD MRR BTR-60PB EQUIPPED	AF	341221N 0621347E	
HUAMBO AIRFIELD	AO	124820S 0154526E	S089148
HUAMBO ARMY BARRACKS	AO	124813S 0154330E	
HUAMBO MILITARY INSTALLATION	AO	124710S 0154340E	
INDUSTRY, ALUMINUM PLANTS STATUS	CH		S088953
INDUSTRY, CHEMICAL FERTILIZER PRODUCTION FACs	RO		S089463
INDUSTRY, IRON + STEEL PLANTS	CH		S088979

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SUBJECT	COUN	COORD	ACCN NO.
INDUSTRY, IRON + STEEL PLANTS	CH		S088953
INDUSTRY, PETROLEUM REFINERIES	PL		S089465
INDUSTRY, SEMICONDUCTOR PLANTS	UR		S089044

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IVANKOVO ELECTRONICS R+D FACILITY PROB	UR	564350N 0370600E	S089309
IVANO FRANKOVSK SEMICONDUCTOR PLANT	UR	485630N 0244415E	S089044
JASLO PETROLEUM REFINERY	PL	494326N 0212731E	S089465
JAYRUD ARMOR STORAGE AREA TANK INCREASE	SY	334930N 0364330E	S089287
JIANGGEZHUANG NAVAL FACILITY NORTH R/W SS DPL	CH	360639N 1203353E	S089290
JIANGGEZHUANG SUBMARINE BASE PUG HAN SSN DPL	CH	360625N 1203513E	
JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX	CH	404126N 1205309E	S089238
JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX	CH	404126N 1205309E	
JIUMENGJIN SSM TECH TRNG FAC LNCH PAD B MODIF	CH	344817N 1124023E	S089207
KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED	AF	343450N 0691250E	S089295
KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED	AF	343450N 0691250E	
KABUL COMPLEX TANK BATTALION DEPLOYED IDENT	AF	343045N 0691000E	S089478
KALININGRAD SHIPYARD STATE 820 820D LNCH PREP	UR	544137N 0202616E	S089292
KANDAHAR AIRFIELD INTERNATIONAL ACTIVITY INCR	AF	313025N 0655051E	S089285
KAPUSTIN YAR MTC RIM FAC SS-20 EQUIP TRSHPMT	UR	484038N 0460924E	S089051
KAPUSTIN YAR MTC SS-X-23 FIELD DPL PATTERNS	UR	484107N 0455853E	S089054
KARAMAY OILFIELD DEVELOPMENT	CH	453400N 0845300E	S089005
KARATAG RELOCATION COMPLEX CIV DEF HQ TADZHIK	UR	383559N 0681950E	S088958

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SUBJECT	COUN	COORD	ACCN NO.
KARSHI/KHANABAD AIRFIELD BREWER YAK-28 INCR	UR	385003N 0655518E	S089218
KEDZIERZYN PETROLEUM REFINERY U/C	PL	502023N 0181800E	S089465
[REDACTED]			
KHABAROVSK SHIPYARD SOUTH 876C CLASS PM IDENT	UR	482405N 1350226E	S089208
KHOWST ARMY BARRACKS/DIV REGT/HQ BN CONVOY	AF	332000N 0695457E	S089219
KISHINEV SEMICONDUCTOR PLANT MEZON	UR	470311N 0285143E	S089044
KIYEV SEMICONDUCTOR PLANT	UR	502920N 0302505E	
KOBYAKOVO RADIO RELAY STATION MICROWAVE ANT	UR	553442N 0370049E	S089542
KOKAYTY AIRFIELD ACTIVITY INCREASE	UR	373724N 0673100E	S089214
KOKAYTY AIRFIELD ACTIVITY INCREASE	UR	373724N 0673100E	S089216
KOLOBRZEG AIRFIELD COMMAND CONTROL COMMO BKR	PL	541205N 0154110E	S089172
KOMSOMOLSK COMSAT CONTROL STA NO SIG CHANGE	UR	510142N 1364950E	S089109
[REDACTED]			
KOSE CIVIL DEFENSE HQ RELOC CPLX ESTONIAN	UR	591011N 0251310E	S088958
[REDACTED]			
KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE	UR	535617N 0354652E	S088815
KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE	UR	535617N 0354652E	
KOZELSK SSM COMPLEX ICBM TYPE 3G SITES GDNC	UR	540734N 0352922E	S088855
[REDACTED]			
KRASNOGORSK SPACE DEFENSE FORCE HQ POSS	UR	554840N 0371710E	S089575

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SUBJECT	COUN	COORD	ACCN NO.
KRASNOYE SELO COMMUNICATIONS FAC BKR SEARCH	UR	5942 N 03010 E	S089572
KROSNO PETROLEUM REFINERY JEDLICZE	PL	494245N 0213934E	S089465
KUBINKA ARMY BKS TUCHKOVO SOUTH AL2 EQUIP MOV	UR	553355N 0364230E	S089213
KUNDUZ AIRFIELD MRR SOVIET/AIR O/B INCR IDENT	AF	363938N 0685433E	S089289
KUSHKA ARMY BKS AL1 + HQ MRD MIL ACT UNUSUAL	UR	351631N 0622020E	S089221
KUULI MAYAK CRUISE MISSILE TEST FACILITY	UR	402302N 0524354E	S089467
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S089106
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	
KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088993
KUYBYSHEV EXPMT AC + ROCKET ENG PLANT	UR	532053N 0501231E	
LA FE DF FACILITY PROB	CU	220248N 0841602W	S089487
LA HABANA AIRBORNE TRAINING FACILITY BILTMORE	CU	230511N 0822845W	S089103
LA HABANA MILITARY CAMP SE 1	CU	230014N 0821839W	
LA HABANA SA-2 SITE COJIMAR A13	CU	230908N 0821718W	S089487
LABRAQ AIRFIELD FLOGGER MIG-23 IDENTIFIED	LY	324739N 0215750E	S089457
LENINAKAN ARMY BKS NORTH AL3 COMD COMMO EXER	UR	404832N 0434940E	S089460
LENINGRAD ELECTRONICS FACILITY	UR	595613N 0301341E	S089309
LENINGRAD ELECTRONICS FACILITY PROB	UR	595750N 0292525E	
LENINGRAD TUBE/SEMICONDUCTOR PLT SVETLANA 211	UR	600032N 0302008E	S089044
LOBITO AIRFIELD	AO	122214S 0133223E	S089148
LOBITO ARMY BARRACKS SOUTH	AO	122220S 0133325E	

LOURDES SIGINT COMPLEX CENTRAL

CU

225920N 0822803W

S089487

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SUBJECT	COUN	COORD	ACCN NO.
LOVECH AMMUNITION DEPOT SW 503	BU	430651N 0244142E	S089318
LUENA AIRFIELD MILITARY INSTALLATION	AO	114510S 0195100E	S088664
LUENA AIRFIELD MILITARY INSTALLATION	AO	114510S 0195100E	
LUENA ARMY BARRACKS + HEADQUARTERS	AO	1147 N 01953 E	
LUENA MILITARY INSTALLATION SOUTH	AO	1146 S 01952 E	
LUENA MILITARY INSTALLATION WEST	AO	1146 S 01952 E	
LUENA MILITARY STORAGE AREA	AO	1146 S 01951 E	
LVOV TUBE + SEMICONDUCTOR PLANT 24	UR	494840N 0240228E	S089044
LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	554154N 0375242E	S089181
LYUKSHUDYA ELECTRONICS TEST/CALIBRATION FAC	UR	565959N 0530307E	S089309
MAANSHAN IRON + STEEL PLANT	CH	314336N 1182920E	S088979
MANGALIA NAVAL BASE + HEADQUARTERS	RO	434820N 0283415E	S089056
MANGALIA SHIPYARD CALA DE IERNARE	RO	434826N 0283400E	
MARY AAM SUPPORT FACILITY NE	UR	373622N 0615336E	S089100
MARY AIRFIELD GCA SITE	UR	373714N 0615349E	
MARY AIRFIELD NE	UR	373709N 0615342E	
MARY AIRFIELD NE AW RADAR FACILITY	UR	373638N 0615335E	
MARY AIRFIELD NORTH FITTER DEPLOYMENT	UR	373955N 0614938E	S089227
MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG	UR	465600N 0352500E	S089007
MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG	UR	465600N 0352500E	
MILITARY, AAA UNITS UPGRADED	CH		S088965
MILITARY, ACTIVITY CUBAN	AO		S089148
MILITARY, ACTIVITY CUBAN	AO		S088664
MILITARY, AIR DEFENSE ACTIVITY	MZ		S089241
MILITARY, AIRBORNE ACTIVITY	CU		S089103

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SUBJECT	COUN	COORD	ACCN NO.
MILITARY, AIRSTRIKES EVIDENCE	AO		S088901
MILITARY, BRIGADE-SIZE UNIT SOVIET	CU		S088968
MILITARY, EGYPT-LIBYA BORDER MILITARY ACT	EG		S088665
MILITARY, GMZ ARMORED TRACKED MINELAYER	UR		S089165
MILITARY, GROUND FORCES ACT TRANSBAIKAL MD	UR		S088902
MILITARY, GROUND FORCES ACTIVITY SOVIET	MG		
MILITARY, GROUND FORCES ACTIVITY SUMMARY MR 3	AO		S088664
MILITARY, GROUND FORCES ACTIVITY SUMMARY MR 4	AO		S089148
MILITARY, GROUND FORCES SINO-SOVIET BORDER	UR		S088824
MILITARY, GROUND FORCES WESTERN MD	EG		S089144
MILITARY, KAMAZ-5320 CARGO TRUCK ANAL + DPL	UR		S089045
MILITARY, KAMAZ-5410 TRUCK TRACTOR ANAL + DPL	UR		
MILITARY, LIBYA-EGYPT BORDER MILITARY ACT	LY		S088665
MILITARY, M-1978 SELF-PROPELLED WEAPON SYSTEM	KN		S089006
MILITARY, T-72 DELIVERIES SOVIET	LY		S088964
MILITARY, T-72 DELIVERIES SOVIET	IZ		
MILITARY, T-72 DELIVERIES SOVIET	AG		
MILITARY, T-72 DELIVERIES SOVIET	SY		
MILITARY, T-72 DELIVERIES SOVIET	IN		
MILITARY, T-72 EXPORTS	UR		
MILITARY, 11TH ARMY KUNMING MILITARY REGION	CH		S088953
MILITARY, 50TH ARMY CHENGDU MILITARY REGION	CH		S088656
MINSK CIVIL DEFENSE HQ COMPLEX BELORUSSIAN	UR	540234N 0275055E	S088958
MINSK SEMICONDUCTOR PLANT	UR	535124N 0273050E	S089044
MIPIR 003/009			S089245

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SUBJECT	COUN	COORD	ACCN NO.
MIPIR 017/023			S089316
MIPIR 361/002			S089230
[REDACTED]			
MISSILES, CRUISE MISSILE ACTIVITY	CH		S087046
MISSILES, CSSC-2 DEPLOYMENT	CH		S089598
MISSILES, CSS-1 HYDROGEN PEROXIDE TRANS VEH	CH		S088972
MISSILES, ICBM TYPE 3G SILO CONSTRUCTION	UR		S088505
MISSILES, ICBM TYPE 3X SILO	UR		S089155
MISSILES, ICBM 3X SILO MODIFIED	UR		
MISSILES, ROCKET ENGINE TEST FACILITIES COMPS	UR		S088539
MISSILES, SA-X-10 DEPLOYMENT SEARCH	UR		S088975
MISSILES, SA-X-10 PRODUCTION SUPPORT FACS	UR		S088974
MISSILES, SA-2/SA-3 SITES DEPLOYED	VM		S089233
MISSILES, SS-N-18 DIMENSIONS	UR		S088971
MISSILES, SS-X-23	UR		S088606
MISSILES, SS-20 ACTIVITY	UR		S088895
MISSILES, SS-20 REMOTE BASES	UR		S089145
MISSILES, SS-21	UR		S088606
MISSILES, SS-4/SS-5 FORCE CONSOLIDATION PROB	UR		S088818
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S089488
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 CONST	UR	554846N 0373034E	S089179
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 240 EXPSN	UR	554803N 0373223E	S089174

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SUBJECT	COUN	COORD	ACCN NO.
MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING	UR	555517N 0374805E	S088695
MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING	UR	555517N 0374805E	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S089147
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
MOSKVA/SUPONINO SPACE TRACKING FAC DISH ANT	UR	555150N 0375726E	S088850
[REDACTED]			
MYTISHCHI ELECTRONIC RESEARCH COMPLEX	UR	555530N 0374431E	S089309
NACHI HEAVY WATER PLANT	CH	284351N 1051523E	S088988
NAVODARI SULFURIC ACID + CHEMICAL FTLZR PLT	RO	441850N 0283508E	S089463
NENOKSA NAVAL MTC FACILITY D TEST EVIDENCE	UR	643633N 0391415E	S089481
NENOKSA NAVAL MTC TRACKING FACILITY	UR	643807N 0390924E	S088702
NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG	UR	470034N 0315946E	S089007
NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG	UR	470034N 0315946E	
NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB	UR	465840N 0320019E	S089003
NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB	UR	465840N 0320019E	
NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF	UR	575128N 0600439E	S089171
NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF	UR	575128N 0600439E	
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S088539
[REDACTED]			

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SUBJECT	COUN	COORD	ACCN NO.
[REDACTED]			
ODESSA COMSAT STATION ORBITA NE NO SIG CHANGE	UR	463500N 0305620E	S089109
OKBA IBN NAFA AIRFIELD FOXBAT B/D IDENTIFIED	LY	325346N 0131632E	S089452
OLOVYANNAYA ICBM TRAINING SITE 24X TRNG EXER	UR	505123N 1155052E	S089168
OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR	525520N 0360132E	S088974
OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR	525520N 0360132E	
[REDACTED]			
PECHENGA AIRFIELD	UR	692405N 0305918E	S089102
PECHENGA AIRFIELD GCA SITE	UR	692409N 0305927E	
PECHENGA AIRFIELD GCI SITE TALL KING	UR	692625N 0305740E	
[REDACTED]			
PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	500428N 0312736E	S088958
PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	500428N 0312736E	
PERM AIRCRAFT ENG PLT STALIN 19 ENG TEST CELL	UR	575848N 0561508E	S088993
PERVOMAYSK SSM COMPLEX ICBM TYPE 36 GUIDANCE	UR	481224N 0305416E	S088855
PETROPAVLOVSK PORT FACS CONT HDLG FAC SRCH	UR	530039N 1583856E	S089471
[REDACTED]			
PHOTO RECONNAISSANCE SATELLITE ACTIVITY	UR		S088953
[REDACTED]			
PISHAN MISSILE IMPACT AREA	CH	373800N 0781900E	S088636
PISHAN MISSILE INSTRUMENTATION SITE	CH	373321N 0780640E	
PISHAN MISSILE INSTRUMENTATION SITE 2	CH	374811N 0774411E	
PISHAN RADCOM TRANSMITTER STATION	CH	373343N 0780919E	
PLAYA BARCOA AIRFIELD	CU	230156N 0823448W	S089103

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SUBJECT	COUN	COORD	ACCN NO.
PLOCK PETROLEUM REFINERY	PL	523513N 0194016E	S089465
PLOIESTI CHEMICAL PLANT VALEA CALUGAREASCARO	RO	445656N 0260959E	S089463
POLICHNYA COMSAT STATION ORBITA NO SIG CHANGE	UR	553640N 0345445E	S089109
PORT LOUIS PORT FACILITIES	MP	200922S 0572937E	S089306
RAMENSKOYE AIRFIELD AIRCRAFT NEW/MODIFIED	UR	5534 N 03807 E	S088737
RAMENSKOYE FLIGHT TEST CTR MSL TEST VEH U/I	UR	553418N 0380923E	S089180
RAS AT TANNURAH PETROLEUM REFINERY REPAIRS	SA	264148N 0500555E	S088966

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RECHITSA SS-20 REMOTE SITE 1	UR	521129N 0300707E	S089145
RECHITSA SS-20 REMOTE SITE 2	UR	520655N 0301440E	
RECHITSA SS-20 REMOTE SITE 3	UR	520854N 0302346E	
RIGA SEMICONDUCTOR PLANT	UR	570533N 0241512E	S089044

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RYBINSK SHIPYARD 341 TARANTUL CLASS PGG U/C	UR	580352N 0384800E	S089173
SAMDONG NI ARMORED VEHICLE REPAIR PLANT	KN	392045N 1260939E	S088468
SAN PEDRO HIGHWAY LANDING STRIP CONST NEW	CU	225843N 0822815W	S088968
SANCTI SPIRITUS DF FACILITY	CU	215755N 0792610W	S089487
SANTA FE DF FACILITY	CU	230410N 0823045W	
SANTIAGO DE CUBA DF FACILITY	CU	200012N 0754616W	
SANTIAGO DE LAS VEGAS HF RADCOM STATION U/C	CU	225830N 0822025W	S089046
SARY SHAGAN MTC COMPLEX F LAUNCH PREPARATIONS	UR	462629N 0725108E	S089211
SARY SHAGAN MTC R+D COMPLEX FACILITY A	UR	455200N 0733100E	S089494

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SUBJECT	COUN	COORD	ACCN NO.
SARY SHAGAN MTC R+D RADAR FAC 3 BUG EYE RADAR	UR	455800N 0733810E	S088852
SARY SHAGAN MTC SA-X-10 TRAINING SITE	UR	453716N 0723325E	S089243
SAURIMO MILITARY INSTALLATION	AO	0942 S 02026 E	S088664
SAVINEST CHEMICAL FIBERS COMBINE ROZNOV	RO	465210N 0262828E	S089463

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SESHCHA AIRFIELD AIRBORNE ACTIVITY	UR	534248N 0332043E	S089212
SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH	UR	443955N 0333536E	S089107
SEVERODVINSK NAVAL BASE WEST	UR	643420N 0394551E	S089098
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	643445N 0394716E	
SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	643514N 0394907E	
SEVERODVINSK SHIPYARD 402	UR	643438N 0394832E	
SEVERODVINSK SHIPYARD 402 D-3 CL SSBN ROLLOUT	UR	643438N 0394832E	S089223
SEVERODVINSK SHIPYARD 402 P CL SS6N REFIT/RPR	UR	643438N 0394832E	S088740
SEVERODVINSK SHIPYARD 402 TYPHOON SSBN CONST	UR	643438N 0394832E	S089308

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SUBJECT	COUN	COORD	ACCN NO.
SHIJINGSHAN IRON + STEEL PLANT	CH	395443N 1160914E	S088979
SHINDAND MILITARY DPL AREA CHEM DEF BN SOVIET	AF	332557N 0621556E	S089455
SHIPS, A CLASS SSN	UR		S089347
SHIPS, A CLASS SSN ACTIVITY MARCH 78-APRIL 79	UR		S088969
SHIPS, TYPHOON CLASS SSBN CONSTRUCTION	UR		S089308
SIGULDA CIVIL DEF ALTERNATE HQ LATVIAN/BKR	UR	571006N 0245130E	S088958
SINANJU MUNITIONS PLANT	KN	393400N 1253940E	S089301
SLOBOZIA NITROGEN FERTILIZER PLANT	RO	443200N 0272255E	S089463
SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST	UR	544910N 0320245E	S089175
SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST	UR	544910N 0320245E	
SOLNECHNOGORSK CIVIL DEFENSE HQ COMPLEX RSFSR	UR	560732N 0365151E	S088958
SPACE, SL-11 LAUNCH VEHICLE PAYLOAD SHROUDS	UR		S088967
STAVROPOL RADIO RELAY + TV RELAY STATION	UR	445900N 0415430E	S089573
SUNGLIN MTC SPACE LAUNCH SITE A	CH	281455N 1020122E	S088854
SURABAJA NAVAL BASE FRIGATE NEW DUTCH	ID	071209S 1124420E	S089065
SURT AIRFIELD CONSTRUCTION PROGRESS	LY	310334N 0163549E	S089176
SVERDLOVSK RESERVE ARMOR STORAGE DEPOT	UR	565818N 0603624E	S089320
SZCZECIN PETROLEUM REFINERY	PL	532440N 0143600E	S089465
TAIYUAN IRON + STEEL PLANT	CH	375502N 1123247E	S088979
TAKHTA BAZAR ARMY BARRACKS WEST AL1 MIL ACT	UR	360330N 0624300E	S089224
TAKHTA BAZAR MILITARY BIVOUAC TANK REGT IDENT	UR	355805N 0623800E	S089482
TALOGAN MILITARY BIVOUAC AREA MRR SOV IDENT	AF	364255N 0692737E	S089477

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SUBJECT	COUN	COORD	ACCN NO.
TAMBOV MISSILE SUPPORT REAR DEPOT SS-20 SUPT	UR	522724N 0412754E	S088973
TAPASTE COMSAT STATION	CU	230212N 0820441W	S089303
TATUKOU IRON + STEEL PLANT	CH	263440N 1014130E	S088979
TBILISI SEMICONDUCTOR PLANT POSS	UR	414642N 0444642E	S089044
TEHRAN US EMBASSY CIVIL DEMONSTRATIONS	IR	354215N 0512530E	S089066
TERMEZ ARMY BARRACKS AL1/HQ MRD INSTL VACATED	UR	371323N 0671555E	S089215
TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL	UR	371323N 0671555E	S089291
TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL	UR	371323N 0671555E	S089291
TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING	UR	465020N 0293457E	S089007
TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING	UR	465020N 0293457E	S089007
TIRGU MURES CHEMICAL COMBINE	RO	463049N 0243014E	S089463
TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	410216N 0691926E	S088958
TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	410216N 0691926E	S088958
TUOLI SAM STORAGE DEPOT U/G	CH	395000N 1154940E	S089101
TURNU MAGURELE CHEMICAL FERTILIZER PLANT	RO	434320N 0245340E	S089463
TYURATAM MTC ICBM SITE S9 SS-19 ACTIVITY	UR	460308N 0625915E	S089453
TYURATAM MTC ICBM SUPPORT FAC 7 SS-19 ACT	UR	460324N 0625626E	S089453
TYURATAM MTC SL-11 LNCH VEH PAYLOAD SHROUDS	UR	455637N 0632755E	S088967
TYURATAM TARTUGAY RADAR TEST FACILITY SUSP	UR	442953N 0661406E	S089309
ULAN UDE MILITARY BARRACKS AL3 CONST ACT	UR	515111N 1075329E	S089170
ULYANOVSK HAND-HELD CALCULATOR PRODUCTION PLT	UR	542106N 0482115E	S089044
UM DONG MUNITIONS PLANT	KN	391350N 1260910E	S089301
USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	553755N 0361813E	S088958

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SUBJECT	COUN	COORD	ACCN NO.
USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	553755N 0361813E	
VERNOYE/ORLOVKA AIRFIELD	UR	511558N 1284318E	S089057
VERNOYE/ORLOVKA AIRFIELD GCA SITE	UR	511551N 1284312E	
VERNOYE/ORLOVKA AIRFIELD GCI SITE	UR	511355N 1284135E	

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VILNIUS/NEMENCINE CIVIL DEF HQ LITHUANIAN	UR	545020N 0252701E	S088958
VORONEZH ELECTRONICS COMPONENTS PLANT POSS	UR	513933N 0391459E	S089044
VOZZHAYEVKA AIRFIELD NE COMMO BKR/HANGARETTE	UR	504610N 1284628E	S089172
WAH HIGH EXPLOSIVES R+D FACILITY IDENT	PK	334802N 0724602E	S088742
WATTHANA NAKHON MILITARY CAMP MIL BUILD-UP	TH	134604N 1021618E	S089288

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WUHAN IRON + STEEL PLANT	CH	303734N 1142627E	S088979
WUXING MISSILE PROPULSION R+D CENTER	CH	304450N 1200135E	S089304
WUZHAI MTC CSS-2 ACTIVITY	CH	384950N 1113620E	S089167
WUZHAI MTC SSM R+D TEST SITE D SVC PLATFORMS	CH	385052N 1113632E	S088858
XIFENGZHEN HF/DF FACILITY ANTENNA NEW	CH	354505N 1073820E	S088657
YAICHENG COASTAL DEFENSE CRUISE MISSILE SITE	CH	181811N 1091045E	S089598
YAIHSIEN CRUISE MISSILE SUPPORT FACILITY	CH	181627N 1093000E	
YEREVAN/NOR GEKHI CIVIL DEF HQ U/G ARMENIAN	UR	402159N 0443601E	S088958
YEVPATORIYA DEEP SPACE TRKG FAC CTRL DISH ANT	UR	451125N 0331117E	S088850
YOSHKAR OLA SSM COMPLEX	UR	564740N 0483058E	S088899

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SUBJECT	COUN	COORD	ACCN NO.
YULIN ARMY BARRACKS AL3	CH	182052N 1093427E	S089598
ZAGAN AIRFIELD COMMAND CONTROL COMMO BUNKER	PL	513742N 0152426E	S089172
[Redacted]			
ZELENOGRAD ELECTRONICS PLANT/IND NORTH ELEON	UR	560040N 0371200E	S089044

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PART II

Listing of Reports by Originator

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF FB	BIIR	RFB22-0009-79	SEP 79		13	S089155
AF FB	ENDR	B4539-79	28 SEP 79		13	S088861
AF FB	ENDR	B4540-79	28 SEP 79		13	S088862
AF FB	ENDR	C6567-79	17 SEP 79		13	S088997
AF FB	ENDR	E1016-79	25 SEP 79		04	S088738
AF FB	ENDR	E1017-79	23 OCT 79		07	S089160
AF FB	PAR	7-79	06 JUL 79		07	S088737
AF FB	PAR	8-79	10 OCT 79		07	S089328
AF FB	PAR	614-79	13 AUG 79		13	S088539
AF FB	PAR	617-79	13 SEP 79		13	S088695
AF FB	PAR	628-79	26 SEP 79		13	S088854
AF FB	PAR	642-79	16 OCT 79		13	S088993
AF FB	PAR	644-79	27 SEP 79		13	S088849
AF FB	PAR	662-79	11 SEP 79		13	S088505
AF FB	PAR	666-79	10 OCT 79		13	S088850
AF FB	PAR	672-79	02 OCT 79		13	S088853
AF FB	PAR	673-79	13 SEP 79		13	S088702
AF FB	PAR	675-79	13 SEP 79		13	S088696
AF FB	PAR	677-79	24 SEP 79		13	S088858
AF FB	PAR	679-79	26 OCT 79		13	S088992
AF FB	PAR	682-79	05 OCT 79		13	S088852
AF FB	PAR	684-79	24 SEP 79		13	S088855

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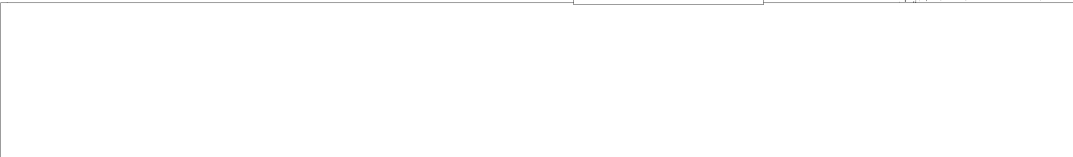
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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF FB	PAR	693-79	15 OCT 79		13	S088989
AF FB	PAR	701-79	17 OCT 79		13	S088990
ARMAC	DSIIB	BAC24-3004-79	NOV 79		14	S089006
ARMAC	DSIIR	RAC24-3002-79	AUG 79		14	S089007

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CIACS	BIIR	RCS13-0001-80	JAN 80		14	S089465
CIACS	BIIR	RCS13-0002-80	DEC 79		14	S089463
CIACS	BIIR	RCS13-0016-79	OCT 79		14	S088979
CIACS	IAMR	ISMR007J-79	OCT 79		25	S088953
CIACS	INFR	ERD117-79	08 NOV 79		05	S089004
CIACS	INFR	IS10201-79	14 NOV 79		13	S088978
CIACS	INFR	IS10204-79	26 NOV 79		05	S089005
CIACS	INFR	IS10157J-79	25 SEP 79		25	S088664
CIACS	INFR	IS10160K-79	09 NOV 79		13	S088976
CIACS	INFR	IS10169K-79	22 OCT 79		13	S088743
CIACS	INFR	IS10171K-79	10 OCT 79		14	S088742
CIACS	INFR	IS10175J-79	09 NOV 79		25	S088972
CIACS	INFR	IS10175K-79	12 OCT 79		13	S088740

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
CIACS	INFR	IS10177K-79	18 OCT 79		14	S088665
CIACS	INFR	IS10180K-79	03 DEC 79		14	S089147
CIACS	INFR	IS10181K-79	08 NOV 79		14	S088964
CIACS	INFR	IS10184K-79	05 NOV 79		13	S088977
CIACS	INFR	IS10186J-79	05 NOV 79		25	S088967
CIACS	INFR	IS10189K-79	06 NOV 79		14	S088975
CIACS	INFR	IS10190K-79	08 NOV 79		14	S088969
CIACS	INFR	IS10191K-79	05 NOV 79		13	S088966
CIACS	INFR	IS10192K-79	05 NOV 79		13	S088970
CIACS	INFR	IS10193K-79	06 NOV 79		13	S088971
CIACS	INFR	IS10194K-79	06 NOV 79		13	S088968
CIACS	INFR	IS10195J-79	16 NOV 79		25	S088973
CIACS	INFR	IS10197K-79	03 DEC 79		13	S089145
CIACS	INFR	IS10200J-79	16 NOV 79		25	S088974
CIACS	INFR	IS10203K-79	15 NOV 79		14	S089143
CIACS	INFR	IS10207K-79	23 NOV 79		13	S088965
CIACS	INFR	IS10211J-79	29 NOV 79		24	S089144
CIACS	INFR	IS10215K-79	07 DEC 79		14	S089148
CIACS	IRP	IS10126K-79	NOV 79		14	S089044
CIACS	IRP	IS210185K-79	NOV 79		14	S089045
DIADA	BIIB	BDA06-0003-79	DEC 79	14	S089107	
DIADA	BIIR	RDA04-0002-78	DEC 79	14	S089101	

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIADA	BIIR	RDA05-0002-79	NOV 79		14	S089057
DIADA	BIIR	RDA05-0007-79	NOV 79		14	S089100
DIADA	BIIR	RDA05-0008-79	NOV 79		14	S089102
DIADA	BIIR	RDA06-0010-78	NOV 79		14	S089056
DIADA	BIIR	RDA10-0004-78	DEC 79		14	S089306
DIADA	BIIR	RDA11-0010-79	JAN 80		14	S088468
DIADA	IIM	5B1-52009-80	11 JAN 80		14	S089321
DIADA	IIM	5B1-52044-80	10 JAN 80		14	S089320
DIADA	IIM	5B1-52052-80	14 JAN 80		14	S089318
DIADA	IIM	5B3-52051-80	14 JAN 80		14	S089319
DIADA	IIM	5B3-52090-80	05 FEB 80		14	S089494

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NPCCA	BIIB	BCA03-0001-79	SEP 79		14	S089109
NPCCA	BIIR	RCA01-0001-80	NOV 79		14	S088899
NPCCA	BIIR	RCA03-0001-80	DEC 79		14	S089303
NPCCA	BIIR	RCA03-0002-80	JAN 80		14	S089487
NPCCA	BIIR	RCA09-0027-79	NOV 79		25	S089098
NPCCA	BIIR	RCA09-0028-79	DEC 79		25	S089106
NPCCA	BIIR	RCA09-0029-79	DEC 79		14	S089304

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPCCA	BIIR	RCA09-0034-79	JAN 80		14	S089488
NPCCA	BIIR	RCA14-0003-79	NOV 79		14	S089108
NPCCA	BIIR	RCA14-0010-78	DEC 79		25	S089240
NPCCA	BIIR	RCA17-0001-79	NOV 79		25	S088898
NPCCA	BIIR	RCA17-0003-79	NOV 79		25	S088962
NPCCA	BIIR	RCA17-0005-79	DEC 79		25	S089238
NPCCA	BIIR	RCA17-0006-79	JAN 80		14	S089467
NPCCA	BIIR	RCA20-0001-79	JAN 80		14	S089309
NPCCA	BRAD		JAN 80		14	S089284
NPCCA	BRAD		JAN 80		14	S089285
NPCCA	BRAD		JAN 80		14	S089286
NPCCA	BRAD		JAN 80		14	S089287
NPCCA	BRAD		JAN 80		14	S089288
NPCCA	BRAD		JAN 80		14	S089289
NPCCA	BRAD		JAN 80		14	S089290
NPCCA	BRAD		JAN 80		14	S089291
NPCCA	BRAD		JAN 80		14	S089292
NPCCA	BRAD		JAN 80		14	S089293
NPCCA	BRAD		JAN 80		14	S089295
NPCCA	BRAD		JAN 80		14	S089452
NPCCA	BRAD		JAN 80		14	S089453
NPCCA	BRAD		JAN 80		14	S089454

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPCCA	BRAD		JAN 80		14	S089455
NPCCA	BRAD		JAN 80		14	S089456
NPCCA	BRAD		JAN 80		14	S089457
NPCCA	BRAD		JAN 80		14	S089460
NPCCA	BRAD		JAN 80		14	S089477
NPCCA	BRAD		JAN 80		14	S089478
NPCCA	BRAD		JAN 80		14	S089481
NPCCA	BRAD		JAN 80		14	S089482
NPCCA	BRAD		JAN 80		14	S089483
NPCCA	BRAD		JAN 80		14	S089484
NPCCA	BRAD		NOV 79		14	S089065
NPCCA	BRAD		NOV 79		14	S089066
NPCCA	BRAD		NOV 79		14	S089067
NPCCA	BRAD		DEC 79		14	S089207
NPCCA	BRAD		DEC 79		14	S089208
NPCCA	BRAD		DEC 79		14	S089209
NPCCA	BRAD		DEC 79		14	S089210
NPCCA	BRAD		DEC 79		14	S089211
NPCCA	BRAD		DEC 79		14	S089212
NPCCA	BRAD		DEC 79		14	S089213
NPCCA	BRAD		DEC 79		14	S089214

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPCCA	BRAD		DEC 79		14	S089215
NPCCA	BRAD		DEC 79		14	S089216
NPCCA	BRAD		DEC 79		14	S089217
NPCCA	BRAD		DEC 79		14	S089218
NPCCA	BRAD		DEC 79		14	S089219
NPCCA	BRAD		DEC 79		14	S089220
NPCCA	BRAD		DEC 79		14	S089221
NPCCA	BRAD		DEC 79		14	S089222
NPCCA	BRAD		DEC 79		14	S089223
NPCCA	BRAD		DEC 79		14	S089224
NPCCA	BRAD		DEC 79		14	S089225
NPCCA	BRAD		DEC 79		14	S089226
NPCCA	BRAD		DEC 79		14	S089227
NPCCA	IAR	IARA003-80	JAN 80		14	S089300
NPCCA	IAR	IARA118-79	DEC 79		14	S089232
NPCCA	IAR	IAR002-80	JAN 80		14	S089485
NPCCA	IAR	IAR0023-79	OCT 79		14	S088818
NPCCA	IAR	IAR0025-79	NOV 79		25	S088958
NPCCA	IAR	IAR0028-79	OCT 79		25	S088636
NPCCA	IAR	IAR0036-79	NOV 79		25	S088902
NPCCA	IAR	IAR0045-79	OCT 79		14	S088895
NPCCA	IAR	IAR0053-79	OCT 79		14	S088814

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPCCA	IAR	IAR0055-79	OCT 79		14	S088815
NPCCA	IAR	IAR0069-79	NOV 79		14	S088901
NPCCA	IAR	IAR0086-79	DEC 79		05	S089104
NPCCA	IAR	IAR0089-79	DEC 79		14	S089051
NPCCA	IAR	IAR0090-79	NOV 79		25	S089048
NPCCA	IAR	IAR0092-79	NOV 79		25	S088955
NPCCA	IAR	IAR0093-79	NOV 79		14	S089046
NPCCA	IAR	IAR0094-79	DEC 79		14	S089105
NPCCA	IAR	IAR0096-79	NOV 79		25	S089049
NPCCA	IAR	IAR0097-79	DEC 79		25	S089050
NPCCA	IAR	IAR0099-79	NOV 79		14	S089103
NPCCA	IAR	IAR0102-79	NOV 79		14	S089047
NPCCA	IAR	IAR0103-79	NOV 79		05	S089598
NPCCA	IAR	IAR0105-79	NOV 79		05	S089054
NPCCA	IAR	IAR0108-79	DEC 79		14	S089096
NPCCA	IAR	IAR0109-79	DEC 79		14	S089242
NPCCA	IAR	IAR0111-79	JAN 80		14	S089308
NPCCA	IAR	IAR0112-79	DEC 79		14	S089302
NPCCA	IAR	IAR0113-79	DEC 79		14	S089241
NPCCA	IAR	IAR0114-79	JAN 80		05	S089301
NPCCA	IAR	IAR0115-79	DEC 79		14	S089243

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPCCA	IAR	IAR0116-79	DEC 79	[REDACTED]	14	S089231
NPCCA	IAR	IAR0117-79	DEC 79		14	S089233
NPCCA	IAR	IAR0120-79	JAN 80		14	S089466
NPCCA	IAR	IAR0122-79	JAN 80		14	S089486
NPCCA	IPIR	017/023-IPIR-80	23 JAN 80		14	S089315
NPCCA	IPIR	361/002-IPIR-80	02 JAN 80		14	S089229
NPCCA	MEMO	R007-80	06 FEB 80		05	S089543
NPCCA	MEMO	R217-79	14 FEB 80		05	S089575
NPCCA	MEMO	[REDACTED]	06 FEB 80		14	S089542
NPCCA	MEMO		13 FEB 80		14	S089572
NPCCA	MEMO		13 FEB 80	14	S089573	
NPCCA	MEMO		14 FEB 80	14	S089574	
NPCCA	MEMO		30 JAN 80	14	S089471	
NPCCA	MEMO		80 JAN 31	14	S089491	
NPCCA	MIPIR		CA0002-80	02 JAN 80	14	S089230
NPCCA	MIPIR		CA0009-80	09 JAN 80	14	S089245
NPCCA	MIPIR		CA0023-80	23 JAN 80	14	S089316
NPCCA	PIR		PIR021-79	APR 79	14	S087046
NPCCA	PIR	PIR061-79	OCT 79	14	S088643	
NPCCA	PIR	PIR062-79	OCT 79	25	S088824	

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PART III

Listing of Reports by General Subject

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	AIRCRAFT, BACKFIRE B MODIFIED	UR		S089300
05	AIRCRAFT, BACKFIRE B PYLON CRATES	UR		S088989
05	AIRCRAFT, BEAR E TU-95	UR		S089321
05	AIRCRAFT, FENCER A SU-19	UR		S089160
05	AIRCRAFT, FITTER G	UR		S088738
05	AIRCRAFT, FLOGGER G MIG-23 INFRARED POD ANAL	UR		S089328
05	AIRCRAFT, HSIAN A DEVELOPMENT 1970-1979	CH		S089048
05	AIRCRAFT, KASP A SUPPORT CRADLES	UR		S088862
05	AIRCRAFT, KASP B SUPPORT CRADLES	UR		S088861
05	AIRCRAFT, RAM K FUSELAGE OBSERVATIONS PROB	UR		S089466
05	AKHTUBINSK FLIGHT TEST CTR BACKFIRE B MODIF	UR	481735N 0461216E	S089300
05	AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW	UR	481851N 0461630E	S089454
05	BAGRAM AIRFIELD AIRBORNE BATTALION SOVIET	AF	345700N 0691602E	S089217
05	BALKHASH AIRFIELD AIRBORNE UNIT IDENTIFIED	UR	465331N 0750017E	S089226
05	BALKHASH AIRFIELD CANDID IL-76 ACTIVITY INCR	UR	465331N 0750017E	S089222
05	BANDAR ABBAS AIRFIELD INTL AAA SITE CF	IR	271335N 0562238E	S089232
05	CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH	435421N 1251203E	S089486
05	CHIMKENT AIRFIELD CANDID IL-76	UR	421840N 0693649E	S089225
05	CHOYBALSAN AIRFIELD NE HANGARETTE	MG	480803N 1143848E	S089172
05	DONUZLAV OZERO AIRFIELD HANGARETTE	UR	451940N 0330305E	
05	ENGELS AIRFIELD BADGER TU-16 DEPLOYMENT	UR	512844N 0461246E	S089286
05	GHADAMES AIRFIELD EAST CONSTRUCTION PROGRESS	LY	300832N 0094227E	S089177

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	GHURDABIYAH AIRFIELD AIR O/B INCR/CONST NEW	LY	310334N 0163549E	S089456
05	HERAT AIRFIELD MOTOR TRANSPORT UNIT DEPARTURE	AF	341221N 0621347E	S089483
05	HERAT AIRFIELD MRR BTR-60PB EQUIPPED	AF	341221N 0621347E	S089484
05	HUAMBO AIRFIELD	AO	124820S 0154526E	S089148
05	KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED	AF	343450N 0691250E	S089295
05	KANDAHAR AIRFIELD INTERNATIONAL ACTIVITY INCR	AF	313025N 0655051E	S089285
05	KARSHI/KHANABAD AIRFIELD BREWER YAK-28 INCR	UR	385003N 0655518E	S089218
05	KOKAYTY AIRFIELD ACTIVITY INCREASE	UR	373724N 0673100E	S089216
05	KOKAYTY AIRFIELD ACTIVITY INCREASE	UR	373724N 0673100E	S089214

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05	KUNDUZ AIRFIELD MRR SOVIET/AIR O/B INCR IDENT	AF	363938N 0685433E	S089289
05	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S089106
05	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S088993
05	LA HABANA AIRBORNE TRAINING FACILITY BILTMORE	CU	230511N 0822845W	S089103
05	LABRAQ AIRFIELD FLOGGER MIG-23 IDENTIFIED	LY	324739N 0215750E	S089457
05	LOBITO AIRFIELD	AO	122214S 0133223E	S089148
05	LUENA AIRFIELD MILITARY INSTALLATION	AO	114510S 0195100E	S088664
05	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	554154N 0375242E	S089181
05	MARY AIRFIELD NE	UR	373709N 0615342E	S089100
05	MARY AIRFIELD NORTH FITTER DEPLOYMENT	UR	373955N 0614938E	S089227
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S089488
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 CONST	UR	554846N 0373034E	S089179

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 240 EXPSN	UR	554803N 0373223E	S089174
05	OKBA IBN NAFA AIRFIELD FOXBAT B/D IDENTIFIED	LY	325346N 0131632E	S089452
05	PECHENGA AIRFIELD	UR	692405N 0305918E	S089102
05	PERM AIRCRAFT ENG PLT STALIN 19 ENG TEST CELL	UR	575848N 0561508E	S088993
05	PLAYA BARACOA AIRFIELD	CU	230156N 0823448W	S089103
05	RAMENSKOYE AIRFIELD AIRCRAFT NEW/MODIFIED	UR	5534 N 03807 E	S088737
05	RAMENSKOYE FLIGHT TEST CTR MSL TEST VEH U/I	UR	553418N 0380923E	S089180
05	SAN PEDRO HIGHWAY LANDING STRIP CONST NEW	CU	225843N 0822815W	S088968
05	SESHCHA AIRFIELD AIRBORNE ACTIVITY	UR	534248N 0332043E	S089212
05	SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST	UR	544910N 0320245E	S089175
05	SURT AIRFIELD CONSTRUCTION PROGRESS	LY	310334N 0163549E	S089176
05	VERNOYE/ORLOVKA AIRFIELD	UR	511558N 1284318E	S089057

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10	DUBOSSARY GCC RELOCATION CPLX MOLDAVIAN/BKR	UR	471732N 0290517E	S088958
10	FABRICHNYI RELOCATION CPLX CIV DEF HQ KAZAKH	UR	430910N 0762330E	
10	GENERAL, CIVIL DEFENSE ALTERNATE HQ/COMD FACs	UR		
10	GENERAL, CIVIL DEFENSE URBAN SHELTER PROGRAM	CH		S088953
10	GENERAL, GRAIN IMPORTS TRANSSHIPMENT PROBLEMS	UR		
10	GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	380840N 0575536E	S088958
10	KARATAG RELOCATION COMPLEX CIV DEF HQ TADZHIK	UR	383559N 0681950E	
10	KOSE CIVIL DEFENSE HQ RELOC CPLX ESTONIAN	UR	591011N 0251310E	

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10	KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE	UR	535617N 0354652E	S088815
10	MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG	UR	465600N 0352500E	S089007

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
10	MINSK CIVIL DEFENSE HQ COMPLEX BELORUSSIAN	UR	540234N 0275055E	S088958
10	NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF	UR	575128N 0600439E	S089171
10	PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	500428N 0312736E	S088958
10	SEMIPALATINSK NWPG SHAGAN RVR LOC B9 FAC U/I	UR	495929N 0785552E	S089231
10	SIGULDA CIVIL DEF ALTERNATE HQ LATVIAN/BKR	UR	571006N 0245130E	S088958
10	SOLNECHNOGORSK CIVIL DEFENSE HQ COMPLEX RSFSR	UR	560732N 0365151E	
10	TEHRAN US EMBASSY CIVIL DEMONSTRATIONS	IR	354215N 0512530E	S089066
10	TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	410216N 0691926E	S088958
10	USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	553755N 0361813E	
10	VILNIUS/NEMENCINE CIVIL DEF HQ LITHUANIAN	UR	545020N 0252701E	
10	YEREVAN/NOR GEKHI CIVIL DEF HQ U/G ARMENIAN	UR	402159N 0443601E	
13	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	465107N 0365712E	S089007
13	CBR TRAINING RANGES ODESSA MILITARY DISTRICT	UR		
13	MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG	UR	465600N 0352500E	
13	NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG	UR	470034N 0315946E	
13	TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING	UR	465020N 0293457E	
13	VICTORIA CHEMICAL COMBINE/EXPLOSIVES/CW PLANT	RO	454315N 0244230E	S089463

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15	MIPIR 003/009			S089245
15	MIPIR 017/023			S089316
15	MIPIR 361/002			S089230
25	ALEKSANDROV SEMICONDUCTOR PLANT	UR	562350N 0384245E	S089044
25	ANDREYEVKA COMSAT STATION NO SIGNIFICANT CHNG	UR	443030N 1332828E	S089109
25	ANDREYEVO RADAR R+D TEST FACILITY	UR	555330N 0411215E	S089309

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	BAGRAM AIRFIELD TWIN PLATE DEPLOYMENT SOV	AF	345700N 0691602E	S089291
25	BEJUCAL RADCOM STATION SOUTH POINT-TO-POINT	CU	225646N 0822148W	S089487
25	BELOOMUT COMSAT STATION NO SIGNIFICANT CHNG	UR	545641N 0392552E	S089109
25	BOBROVICH AIRFIELD COMMAND CONTROL COMMO BKR	UR	521645N 0292120E	S089172
25	BOLSHOY GORODETSKIY TRACKING FACILITY	UR	674357N 0405340E	S088990
25	BRYANSK INTEGRATED CIRCUIT + TRANSISTOR PLANT	UR	531520N 0342158E	S089044
25	BULAKHOVKA RADIO RELAY STATION	UR	483521N 0354000E	S089543
25	CAIMANERA ECM SITE PROB	CU	195936N 0751114W	S089487
25	CHERNOMOR NAVAL MTC INSTRUMENTATION SITE 12	UR	450518N 0354417E	S088898
25	CHERNOMORSKOYE TRACKING FACILITY	UR	450250N 0355700E	S089044
25	CHERNOVTSY SEMICONDUCTOR PLANT GRAVITON	UR	481635N 0255920E	S088663
25	CHERVONO GLINSKOYE AIRFIELD GCI SITE RDR U/I	UR	4558 N 02921 E	S088849
25	DELINGHA SSM RADCOM STATION BUNKER HARD PROB	CH	372726N 0972348E	S088855
25	DELINGHA SSM REGIMENTAL HQ CP BUNKER PROB	CH	372640N 0971321E	S088855
25	DERAZHNYA SSM COMPLEX ICBM TYPE 36 SITES GDNC	UR	491254N 0270818E	S088953
25	DROVYANAYA MOBILE IRBM BASE 1 PARK DRIVE	UR	512720N 1130404E	S089574
25	DRUSKININKAI RADIO RELAY STATION SEARCH	UR	5401 N 02358 E	S089046
25	EL GABRIEL HF COMMUNICATIONS CENTER U/C NEW	CU	224900N 0822600W	S088743
25	ELECTRONICS, AN-EL-01 PLANAR APERTURE RADAR	UR		S088997
25	ELECTRONICS, BI-GRID ANT CABLE CONNECTIONS	UR		

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	ELECTRONICS, CIVIL DEF ALTERNATE HQ/COMD FACS	UR		S088958
25	ELECTRONICS, COMMUNICATIONS SYSTEM CONST ACT	UR		S088978
25	ELECTRONICS, GUIDANCE FACS ICBM TYPE 3F SITES	UR		S088696
25	ELECTRONICS, GUIDANCE FACS ICBM TYPE 3G SITES	UR		S088855
25	ELECTRONICS, OPTICAL TRACKING BLDG NEW IDENT	UR		S089096
25	ELECTRONICS, SIGINT INTERCEPT FACILITIES	CU		S089487
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 1	UR	444420N 0343120E	S088898
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 10	UR	450040N 0352440E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 11	UR	450750N 0353330E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 13	UR	450230N 0354850E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 14	UR	450000N 0355020E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 16	UR	450310N 0360330E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 17	UR	450230N 0360750E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 18	UR	450150N 0361330E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 19	UR	450330N 0362220E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 2	UR	444900N 0344400E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 3	UR	444955N 034555E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 4	UR	444830N 0350440E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 5	UR	444820N 0350550E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 6	UR	444930N 0350740E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 7	UR	445120N 0350810E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 8	UR	445530N 0351430E	
25	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 9	UR	445710N 035225E	
25	GALENKI ESV TRACKING/MOLNIYA FAC DISH ANT	UR	440130N 1314545E	S088850
25	GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	380840N 0575536E	S088958
25	GOLITSYNO RADCOM TRANSMITTER STATION	UR	553415N 0370039E	S089542
25	GORKIY ELECTRONICS RESEARCH FACILITY	UR	561735N 0434510E	S089309
25	GORKIY SORMOVO RADAR ASSEMBLY + TEST AREA	UR	561925N 0434842E	
25	GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	534215N 0234925E	S089574
25	GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	534215N 0234925E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	GUANTANAMO DF FACILITY	CU	200857N 0751042W	S089487
25	GUS KHRUSTALNYY COMSAT CNTRL STA NO SIG CHNG	UR	553444N 0405418E	S089109
25	INDUSTRY, SEMICONDUCTOR PLANTS	UR		S089044
25	IVANKOVO ELECTRONICS R+D FACILITY PROB	UR	564350N 0370600E	S089309
25	IVANO FRANKOVSK SEMICONDUCTOR PLANT	UR	485630N 0244415E	S089044
25	KISHINEV SEMICONDUCTOR PLANT MEZON	UR	470311N 0285143E	
25	KIYEV SEMICONDUCTOR PLANT	UR	502920N 0302505E	
25	KOBYAKOVO RADIO RELAY STATION MICROWAVE ANT	UR	553442N 0370049E	S089542
25	KOLOBRZEG AIRFIELD COMMAND CONTROL COMMO BKR	PL	541205N 0154110E	S089172
25	KOMSOMOLSK COMSAT CONTROL STA NO SIG CHANGE	UR	510142N 1364950E	S089109

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25	KOZELSK SSM COMPLEX ICBM TYPE 36 SITES GDNC	UR	540734N 0352922E	S088855
25	KRASNOYE SELO COMMUNICATIONS FAC BKR SEARCH	UR	5942 N 03010 E	S089572
25	LA FE DF FACILITY PROB	CU	220248N 0841602W	S089487
25	LENINGRAD ELECTRONICS FACILITY	UR	595613N 0301341E	S089309
25	LENINGRAD ELECTRONICS FACILITY PROB	UR	595750N 0292525E	
25	LENINGRAD TUBE/SEMICONDUCTOR PLT SVETLANA 211	UR	600032N 0302008E	S089044
25	LOURDES SIGINT COMPLEX CENTRAL	CU	225920N 0822803W	S089487
25	LVOV TUBE + SEMICONDUCTOR PLANT 24	UR	494840N 0240228E	S089044
25	LYUKSHUDYA ELECTRONICS TEST/CALIBRATION FAC	UR	565959N 0530307E	S089309

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25	MARY AIRFIELD GCA SITE	UR	373714N 0615349E	S089100
25	MARY AIRFIELD NE AW RADAR FACILITY	UR	373638N 0615335E	
25	MINSK SEMICONDUCTOR PLANT	UR	535124N 0273050E	S089044

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	MOSKVA/SUPONINO SPACE TRACKING FAC DISH ANT	UR	555150N 0375726E	S088850
25	MYTISHCHI ELECTRONIC RESEARCH COMPLEX	UR	555530N 0374431E	S089309
25	NENOKSA NAVAL MTC TRACKING FACILITY	UR	643807N 0390924E	S088702
25	ODESSA COMSAT STATION ORBITA NE NO SIG CHANGE	UR	463500N 0305620E	S089109
25	PECHENGA AIRFIELD GCA SITE	UR	692409N 0305927E	S089102
25	PECHENGA AIRFIELD GCI SITE TALL KING	UR	692625N 0305740E	
25	PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	500428N 0312736E	S088958
25	PERVOMAYSK SSM COMPLEX ICBM TYPE 36 GUIDANCE	UR	481224N 0305416E	S088855
25	PISHAN MISSILE INSTRUMENTATION SITE	CH	373321N 0780640E	S088636
25	PISHAN MISSILE INSTRUMENTATION SITE 2	CH	374811N 0774411E	
25	PISHAN RADCOM TRANSMITTER STATION	CH	373343N 0780919E	
25	POLICHNYA COMSAT STATION ORBITA NO SIG CHANGE	UR	553640N 0345445E	S089109
25	RIGA SEMICONDUCTOR PLANT	UR	570533N 0241512E	S089044
25	SANCTI SPIRITUS DF FACILITY	CU	215755N 0792610W	S089487
25	SANTA FE DF FACILITY	CU	230410N 0823045W	
25	SANTIAGO DE CUBA DF FACILITY	CU	200012N 0754616W	
25	SANTIAGO DE LAS VEGAS HF RADCOM STATION U/C	CU	225830N 0822025W	S089046
25	SARY SHAGAN MTC R+D RADAR FAC 3 BUG EYE RADAR	UR	455800N 0733810E	S088852
25	STAVROPOL RADIO RELAY + TV RELAY STATION	UR	445900N 0415430E	S089573
25	TAPASTE COMSAT STATION	CU	230212N 0820441W	S089303
25	TBILISI SEMICONDUCTOR PLANT POSS	UR	414642N 0444642E	S089044

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL	UR	371323N 0671555E	S089291
25	TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	410216N 0691926E	S088958
25	TYURATAM TARTUGAY RADAR TEST FACILITY SUSP	UR	442953N 0661406E	S089309
25	ULYANOVSK HAND-HELD CALCULATOR PRODUCTION PLT	UR	542106N 0482115E	S089044
25	USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	553755N 0361813E	S088958
25	VERNOYE/ORLOVKA AIRFIELD GCA SITE	UR	511551N 1284312E	S089057
25	VERNOYE/ORLOVKA AIRFIELD GCI SITE	UR	511355N 1284135E	S089044
25	VORONEZH ELECTRONICS COMPONENTS PLANT POSS	UR	513933N 0391459E	S089044
25	VOZZHAYEVKA AIRFIELD NE COMMO BKR/HANGARETTE	UR	504610N 1284628E	S089172
25	XIFENGZHEN HF/DF FACILITY ANTENNA NEW	CH	354505N 1073820E	S088657
25	YEVATORIYA DEEP SPACE TRKG FAC CTRL DISH ANT	UR	451125N 0331117E	S088850
25	ZAGAN AIRFIELD COMMAND CONTROL COMMO BUNKER	PL	513742N 0152426E	S089172
25	ZELENOGRAD ELECTRONICS PLANT/IND NORTH ELEON	UR	560040N 0371200E	S089044
30	ANSHAN IRON + STEEL PLANT	CH	410815N 1225928E	S088979
30	ARAD CHEMICAL COMBINE	RO	461030N 0212530E	S089463
30	ASTRAKHAN GAS FIELD DEVELOPMENT	UR	4620 N 04801 E	S089004
30	BACAU CHEMICAL COMBINE	RO	463128N 0265618E	S089463
30	BAOTOU IRON + STEEL PLANT KUNTULUN	CH	404025N 1094626E	S088979
30	BENXI IRON + STEEL PLANT KUNGYUAN	CH	411642N 1234343E	S088979

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	CHRZANOW PETROLEUM REFINERY	PL	500939N 0192650E	S089465
30	CRAIOVA CHEMICAL COMBINE ISALNITA	RO	442302N 0234305E	S089463
30	CZECHOWICE PETROLEUM REFINERY DZIEDZICE	PL	495432N 0190058E	S089465
30	FAGARAS CHEMICAL + EXPLOSIVES PLANT 1	RO	454838N 0245848E	S089463
30	GDANSK PETROLEUM REFINERY U/C	PL	542100N 0184500E	S089465
30	GORLICE PETROLEUM RFY GLINIK MARIAMPOLSKI	PL	494026N 0211030E	
30	INDUSTRY, ALUMINUM PLANTS STATUS	CH		S088953
30	INDUSTRY, CHEMICAL FERTILIZER PRODUCTION FACs	RO		S089463
30	INDUSTRY, IRON + STEEL PLANTS	CH		S088979
30	INDUSTRY, IRON + STEEL PLANTS	CH		S088953
30	INDUSTRY, PETROLEUM REFINERIES	PL		S089465
30	JASLO PETROLEUM REFINERY	PL	494326N 0212731E	
30	KARAMAY OILFIELD DEVELOPMENT	CH	453400N 0845300E	S089005
30	KEDZIERZYN PETROLEUM REFINERY U/C	PL	502023N 0181800E	S089465
30	KROSNO PETROLEUM REFINERY JEDLICZE	PL	494245N 0213934E	
30	MAANSHAN IRON + STEEL PLANT	CH	314336N 1182920E	S088979
30	NAVODARI SULFURIC ACID + CHEMICAL FTLZR PLT	RO	441850N 0283508E	S089463
30	PLOCK PETROLEUM REFINERY	PL	523513N 0194016E	S089465
30	PLOIESTI CHEMICAL PLANT VALEA CALUGAREASCARO	RO	445656N 0260959E	S089463
30	RAS AT TANNURAH PETROLEUM REFINERY REPAIRS	SA	264148N 0500555E	S088966
30	SAVINEST CHEMICAL FIBERS COMBINE ROZNOV	RO	465210N 0262828E	S089463
30	SEMIPALATINSK NWPg LIQUID HYDROGEN PLANT	UR	504435N 0605602E	S088539
30	SHIJINGSHAN IRON + STEEL PLANT	CH	395443N 1160914E	S088979

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	SLOBOZIA NITROGEN FERTILIZER PLANT	RO	443200N 0272255E	S089463
30	SZCZECIN PETROLEUM REFINERY	PL	532440N 0143600E	S089465
30	TAIYUAN IRON + STEEL PLANT	CH	375502N 1123247E	S088979
30	TATUKOU IRON + STEEL PLANT	CH	263440N 1014130E	
30	TIRGU MURES CHEMICAL COMBINE	RO	463049N 0243014E	S089463
30	TURNU MAGURELE CHEMICAL FERTILIZER PLANT	RO	434320N 0245340E	
30	WUHAN IRON + STEEL PLANT	CH	303734N 1142627E	S088979
35	ABAKAN ARMY BARRACKS AL1 + HEADQUARTERS MRD	UR	534138N 0912342E	S089105
35	AKTOGAY ARMY BKS AL1 ABRN BN BMD-EQUIP IDENT	UR	465535N 0794010E	S089293
35	BANDAR ABBAS AIRFIELD INTL AAA SITE CF	IR	271335N 0562238E	S089232
35	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	465107N 0365712E	S089007
35	BIE MILITARY INSTALLATION	AO	122440S 0165650E	S089148
35	BOMA MILITARY TRAINING FACILITY	AO	114820S 0200750E	S088664
35	CHANGHSINTIEN ARMORED VEHICLE PLANT 618	CH	394840N 1161040E	S089182
35	FAGARAS CHEMICAL + EXPLOSIVES PLANT 1	RO	454838N 0245848E	S089463
35	FERGANA ARMY BARRACKS AL1/HQ AIRBORNE DIV	UR	402300N 0714550E	S089209
35	FERGANA ARMY BKS AL1/HQ ABRN DIV INSTL VACATE	UR	402300N 0714550E	S089220
35	GHAZNI ARMY BARRACKS + HQ REGT TK BN VACATED	AF	333330N 0682550E	S089284
35	GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR	561936N 0435321E	S088974
35	GUANABO MILITARY CAMP EAST	CU	231008N 0820511W	S089103
35	HAJMASKER MILITARY TRNG AREA TK DIV EXER SOV	HU	471108N 0180120E	S089104

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	HERAT AIRFIELD MRR BTR-60PB EQUIPPED	AF	341221N 0621347E	S089484
35	HUAMBO ARMY BARRACKS	AO	124813S 0154330E	S089148
35	HUAMBO MILITARY INSTALLATION	AO	124710S 0154340E	
35	JAYRUD ARMOR STORAGE AREA TANK INCREASE	SY	334930N 0364330E	S089287
35	KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED	AF	343450N 0691250E	S089295
35	KABUL COMPLEX TANK BATTALION DEPLOYED IDENT	AF	343045N 0691000E	S089478
35	KHOWST ARMY BARRACKS/DIV REGT/HQ BN CONVOY	AF	332000N 0695457E	S089219
35	KRASNOGORSK SPACE DEFENSE FORCE HQ POSS	UR	554840N 0371710E	S089575
35	KUBINKA ARMY BKS TUCHKOVO SOUTH AL2 EQUIP MOV	UR	553355N 0364230E	S089213
35	KUSHKA ARMY BKS AL1 + HQ MRD MIL ACT UNUSUAL	UR	351631N 0622020E	S089221
35	LA HABANA MILITARY CAMP SE 1	CU	230014N 0821839W	S089103
35	LENINAKAN ARMY BKS NORTH AL3 COMD COMMO EXER	UR	404832N 0434940E	S089460
35	LOBITO ARMY BARRACKS SOUTH	AO	122220S 0133325E	S089148
35	LOVECH AMMUNITION DEPOT SW 503	BU	430651N 0244142E	S089318
35	LUENA AIRFIELD MILITARY INSTALLATION	AO	114510S 0195100E	S088664
35	LUENA ARMY BARRACKS + HEADQUARTERS	AO	1147 N 01953 E	
35	LUENA MILITARY INSTALLATION SOUTH	AO	1146 S 01952 E	
35	LUENA MILITARY INSTALLATION WEST	AO	1146 S 01952 E	
35	LUENA MILITARY STORAGE AREA	AO	1146 S 01951 E	
35	MILITARY, AAA UNITS UPGRADED	CH		S088965
35	MILITARY, ACTIVITY CUBAN	AO		S089148
35	MILITARY, ACTIVITY CUBAN	AO		S088664

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	MILITARY, AIR DEFENSE ACTIVITY	MZ		S089241
35	MILITARY, AIRBORNE ACTIVITY	CU		S089103
35	MILITARY, AIRSTRIKES EVIDENCE	AO		S088901
35	MILITARY, BRIGADE-SIZE UNIT SOVIET	CU		S088968
35	MILITARY, EGYPT-LIBYA BORDER MILITARY ACT	EG		S088665
35	MILITARY, GMZ ARMORED TRACKED MINELAYER	UR		S089165
35	MILITARY, GROUND FORCES ACT TRANSBAIKAL MD	UR		S088902
35	MILITARY, GROUND FORCES ACTIVITY SOVIET	MG		
35	MILITARY, GROUND FORCES ACTIVITY SUMMARY MR 3	AO		S088664
35	MILITARY, GROUND FORCES ACTIVITY SUMMARY MR 4	AO		S089148
35	MILITARY, GROUND FORCES SINO-SOVIET BORDER	UR		S088824
35	MILITARY, GROUND FORCES WESTERN MD	EG		S089144
35	MILITARY, KAMAZ-5320 CARGO TRUCK ANAL + DPL	UR		S089045
35	MILITARY, KAMAZ-5410 TRUCK TRACTOR ANAL + DPL	UR		
35	MILITARY, LIBYA-EGYPT BORDER MILITARY ACT	LY		S088665
35	MILITARY, M-1978 SELF-PROPELLED WEAPON SYSTEM	KN		S089006
35	MILITARY, T-72 DELIVERIES SOVIET	IN		S088964
35	MILITARY, T-72 DELIVERIES SOVIET	SY		
35	MILITARY, T-72 DELIVERIES SOVIET	LY		
35	MILITARY, T-72 DELIVERIES SOVIET	IZ		
35	MILITARY, T-72 DELIVERIES SOVIET	AG		
35	MILITARY, T-72 EXPORTS	UR		
35	MILITARY, 11TH ARMY KUNMING MILITARY REGION	CH		S088953
35	MILITARY, 50TH ARMY CHENGDU MILITARY REGION	CH		S088656
35	NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG	UR	470034N 0315946E	S089007

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF	UR	575128N 0600439E	S089171
35	SAMDONG NI ARMORED VEHICLE REPAIR PLANT	KN	392045N 1260939E	S088468
35	SAURIMO MILITARY INSTALLATION	AO	0942 S 02026 E	S088664
35	SHINDAND MILITARY DPL AREA CHEM DEF BN SOVIET	AF	332557N 0621556E	S089455
35	SINANJU MUNITIONS PLANT	KN	393400N 1253940E	S089301
35	SVERDLOVSK RESERVE ARMOR STORAGE DEPOT	UR	565818N 0603624E	S089320
35	TAKHTA BAZAR ARMY BARRACKS WEST AL1 MIL ACT	UR	360330N 0624300E	S089224
35	TAKHTA BAZAR MILITARY BIVOUAC TANK REGT IDENT	UR	355805N 0623800E	S089482
35	TALQAN MILITARY BIVOUAC AREA MRR SOV IDENT	AF	364255N 0692737E	S089477
35	TERMEZ ARMY BARRACKS AL1/HQ MRD INSTL VACATED	UR	371323N 0671555E	S089215
35	TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL	UR	371323N 0671555E	S089291
35	TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING	UR	465020N 0293457E	S089007
35	ULAN UDE MILITARY BARRACKS AL3 CONST ACT	UR	515111N 1075329E	S089170
35	UM DONG MUNITIONS PLANT	KN	391350N 1260910E	S089301
35	WAH HIGH EXPLOSIVES R+D FACILITY IDENT	PK	334802N 0724602E	S088742
35	WATTHANA NAKHON MILITARY CAMP MIL BUILD-UP	TH	134604N 1021618E	S089288
35	YULIN ARMY BARRACKS AL3	CH	182052N 1093427E	S089598
40	AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW	UR	481851N 0461630E	S089454
40	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	465107N 0365712E	S089007

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REF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	DELINGHA SSM CAVE STORAGE AREA 1	CH	372647N 0971537E	S088849
40	DELINGHA SSM SITE 1	CH	373358N 0964952E	
40	DELINGHA SSM SITE 2 PROB	CH	372940N 0972056E	
40	DELINGHA SSM SITE 3 PROB	CH	372925N 0971622E	
40	DELINGHA SSM SITE 4 PROB	CH	372943N 0970326E	
40	DIANWEI MTC ABM ACTIVITY POSS	CH	255520N 1024928E	S088953
40	DUMBAROVSKIY ICBM RTP SS-18 MOD-4 EQUIPMENT	UR	510131N 0594811E	S088814
40	DROVYANAYA SS-20 REMOTE SITE 1	UR	514254N 1125944E	S089145
40	EMBA MTC OPERATIONS SUPT AREA SA-6/SA-X-11	UR	4842 N 05805 E	S089067
40	EMBA MTC SAM ACTIVITY	UR	483103N 0580207E	S088853
40	FEODUSIYA NAVAL MTC	UR	445115N 0350805E	S088962
40	GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR	561936N 0435321E	S088974
40	JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX	CH	404126N 1205309E	S089238
40	JIUMENJIN SSM TECH TRNG FAC LNCH PAD B MODIF	CH	344817N 1124023E	S089207
40	KAPUSTIN YAR MTC RIM FAC SS-20 EQUIP TRSHPMT	UR	484038N 0460924E	S089051
40	KAPUSTIN YAR MTC SS-X-23 FIELD BPL PATTERNS	UR	484107N 0455853E	S089054
40	KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE	UR	535617N 0354652E	S088815
40	KUULI MAYAK CRUISE MISSILE TEST FACILITY	UR	402302N 0524354E	S089467
40	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	532053N 0501231E	S089106
40	KUYBYSHEV EXPMT AC + ROCKET ENG PLANT	UR	532053N 0501231E	S088993
40	LA HABANA SA-2 SITE COJIMAR A13	CU	230908N 0821718W	S089487
40	MARY ARM SUPPORT FACILITY NE	UR	373622N 0615336E	S089100
40	MISSILES, CRUISE MISSILE ACTIVITY	CH		S087046

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MISSILES, CSSC-2 DEPLOYMENT	CH		S089598
40	MISSILES, CSS-1 HYDROGEN PEROXIDE TRANS VEH	CH		S088972
40	MISSILES, ICBM TYPE 36 SILO CONSTRUCTION	UR		S088505
40	MISSILES, ICBM TYPE 3X SILO	UR		S089155
40	MISSILES, ICBM 3X SILO MODIFIED	UR		
40	MISSILES, ROCKET ENGINE TEST FACILITIES COMPS	UR		S088539
40	MISSILES, SA-X-10 DEPLOYMENT SEARCH	UR		S088975
40	MISSILES, SA-X-10 PRODUCTION SUPPORT FAC	UR		S088974
40	MISSILES, SA-2/SA-3 SITES DEPLOYED	VM		S089233
40	MISSILES, SS-N-18 DIMENSIONS	UR		S088971
40	MISSILES, SS-X-23	UR		S088606
40	MISSILES, SS-20 ACTIVITY	UR		S088895
40	MISSILES, SS-20 REMOTE BASES	UR		S089145
40	MISSILES, SS-21	UR		S088606
40	MISSILES, SS-4/SS-5 FORCE CONSOLIDATION PROB	UR		S088818
40	MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING	UR	555517N 0374805E	S088695
40	MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING	UR	555517N 0374805E	
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S089147
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
40	NENOKSA NAVAL MTC FACILITY D TEST EVIDENCE	UR	643633N 0391415E	S089481
40	NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB	UR	465840N 0320019E	S089003
40	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E	S088539
40	OLOVYANNAYA ICBM TRAINING SITE 24X TRNG EXER	UR	505123N 1155052E	S089168

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR	525520N 0360132E	S088974
40	PISHAN MISSILE IMPACT AREA	CH	373800N 0781900E	S088636
40	RECHITSA SS-20 REMOTE SITE 1	UR	521129N 0300707E	S089145
40	RECHITSA SS-20 REMOTE SITE 2	UR	520655N 0301440E	
40	RECHITSA SS-20 REMOTE SITE 3	UR	520854N 0302346E	
40	SARY SHAGAN MTC COMPLEX F LAUNCH PREPARATIONS	UR	462629N 0725108E	S089211
40	SARY SHAGAN MTC R+D COMPLEX FACILITY A	UR	455200N 0733100E	S089494
40	SARY SHAGAN MTC SA-X-10 TRAINING SITE	UR	453716N 0723325E	S089243
40	SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST	UR	544910N 0320245E	S089175
40	SPACE, SL-11 LAUNCH VEHICLE PAYLOAD SHROUDS	UR		S088967
40	SUNGLIN MTC SPACE LAUNCH SITE A	CH	281455N 1020122E	S088854
40	TAMBOV MISSILE SUPPORT REAR DEPOT SS-20 SUPT	UR	522724N 0412754E	S088973
40	TUOLI SAM STORAGE DEPOT U/G	CH	395000N 1154940E	S089101
40	TYURATAM MTC ICBM SITE S9 SS-19 ACTIVITY	UR	460308N 0625915E	S089453
40	TYURATAM MTC ICBM SUPPORT FAC 7 SS-19 ACT	UR	460324N 0625626E	
40	TYURATAM MTC SL-11 LNCH VEH PAYLOAD SHROUDS	UR	455637N 0632755E	S088967
40	WUXING MISSILE PROPULSION R+D CENTER	CH	304450N 1200135E	S089304
40	WUZHAI MTC CSS-2 ACTIVITY	CH	384950N 1113620E	S089167
40	WUZHAI MTC SSM R+D TEST SITE D SVC PLATFORMS	CH	385052N 1113632E	S088858
40	YAICHENG COASTAL DEFENSE CRUISE MISSILE SITE	CH	181811N 1091045E	S089598
40	YAIHSIEN CRUISE MISSILE SUPPORT FACILITY	CH	181627N 1093000E	
40	YOSHKAR OLA SSM COMPLEX	UR	564740N 0483058E	S088899
55	AZGIR NUCLEAR TEST SITE U	UR	475230N 0475255E	S088976

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
[Redacted]				
55	BEIJING ATOMIC ENERGY INSTITUTE	CH	394424N 1160207E	S088955
[Redacted]				
55	NACHI HEAVY WATER PLANT	CH	284351N 1051523E	S088988
[Redacted]				
[Redacted]				

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
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[REDACTED]				
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[REDACTED]				
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65	CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH	435421N 1251203E	S089486
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[REDACTED]				
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65	PHOTO, RECONNAISSANCE SATELLITE ACTIVITY	UR		S088953
75	FEODOSIYA ASW WEAPONS CHECKOUT FACILITY PROB	UR	450022N 0352359E	S088962
75	JIANGGEZHUANG NAVAL FACILITY NORTH R/W SS DPL	CH	360639N 1203353E	S089290
75	JIANGGEZHUANG SUBMARINE BASE PUG HAN SSN DPL	CH	360625N 1203513E	
75	JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX	CH	404126N 1205309E	S089238
75	KALININGRAD SHIPYARD STATE 820 820D LNCH PREP	UR	544137N 0202616E	S089292
75	KHABAROVSK SHIPYARD SOUTH 876C CLASS PM IDENT	UR	482405N 1350226E	S089208
75	MANGALIA NAVAL BASE + HEADQUARTERS	RO	434820N 0283415E	S089056
75	MANGALIA SHIPYARD CALA DE IERNARE	RO	434826N 0283400E	
75	NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB	UR	465840N 0320019E	S089003

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	PETROPAVLOVSK PORT FACs CONT HDLG FAC SRCH	UR	530039N 1583856E	S089471
75	PORT LOUIS PORT FACILITIES	MP	200922S 0572937E	S089306
75	RYBINSK SHIPYARD 341 TARANTUL CLASS PGG U/C	UR	580352N 0384800E	S089173
75	SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH	UR	443955N 0333536E	S089107
75	SEVERODVINSK NAVAL BASE WEST	UR	643420N 0394551E	S089098
75	SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	643445N 0394716E	
75	SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	643514N 0394907E	
75	SEVERODVINSK SHIPYARD 402	UR	643438N 0394832E	
75	SEVERODVINSK SHIPYARD 402 D-3 CL SSBN ROLLOUT	UR	643438N 0394832E	S089223
75	SEVERODVINSK SHIPYARD 402 P CL SSGN REFIT/RPR	UR	643438N 0394832E	S088740
75	SEVERODVINSK SHIPYARD 402 TYPHOON SSBN CONST	UR	643438N 0394832E	S089308
75	SHIPS, A CLASS SSN	UR		S089347
75	SHIPS, A CLASS SSN ACTIVITY MARCH 78-APRIL 79	UR		S088969
75	SHIPS, TYPHOON CLASS SSBN CONSTRUCTION	UR		S089308
75	SURABAJA NAVAL BASE FRIGATE NEW DUTCH	ID	071209S 1124420E	S089065
85	OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR	525520N 0360132E	S088974

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PART IV

Listing of Reports by Coordinates

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COORD	SUBJECT	COUN	ACCN NO.
1147 N 01953 E	LUENA ARMY BARRACKS + HEADQUARTERS	AO	S088664
134604N 1021618E	WATTHANA NAKHON MILITARY CAMP MIL BUILD-UP	TH	S089288
181627N 1093000E	YAIHSIEN CRUISE MISSILE SUPPORT FACILITY	CH	S089598
181811N 1091045E	YAICHENG COASTAL DEFENSE CRUISE MISSILE SITE	CH	
182052N 1093427E	YULIN ARMY BARRACKS AL3	CH	
255520N 1024928E	DIANWEI MTC ABM ACTIVITY POSS	CH	S088953
264148N 0500555E	RAS AT TANNURAH PETROLEUM REFINERY REPAIRS	SA	S088966
263440N 1014130E	TATUKOU IRON + STEEL PLANT	CH	S088979
271335N 0562238E	BANDAR ABBAS AIRFIELD INTL AAA SITE CF	IR	S089232
271335N 0562238E	BANDAR ABBAS AIRFIELD INTL AAA SITE CF	IR	
281455N 1020122E	SUNGLIN MTC SPACE LAUNCH SITE A	CH	S088854
284351N 1051523E	NACHI HEAVY WATER PLANT	CH	S088988

300832N 0094227E	GHADAMES AIRFIELD EAST CONSTRUCTION PROGRESS	LY	S089177
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303734N 1142627E	WUHAN IRON + STEEL PLANT	CH	S088979
304450N 1200135E	WUXING MISSILE PROPULSION R+D CENTER	CH	S089304
310334N 0163549E	SURT AIRFIELD CONSTRUCTION PROGRESS	LY	S089176
310334N 0163549E	GHURDABIYAH AIRFIELD AIR O/B INCR/CONST NEW	LY	S089456
313025N 0655051E	KANDAHAR AIRFIELD INTERNATIONAL ACTIVITY INCR	AF	S089285
314336N 1182920E	MAANSHAN IRON + STEEL PLANT	CH	S088979
325346N 0131632E	OKBA IBN NAFA AIRFIELD FOXBAT B/D IDENTIFIED	LY	S089452

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COORD	SUBJECT	COUN	ACCN NO.
324739N 0215750E	LABRAQ AIRFIELD FLOGGER MIG-23 IDENTIFIED	LY	S089457
334930N 0364330E	JAYRUD ARMOR STORAGE AREA TANK INCREASE	SY	S089287
332557N 0621556E	SHINDAND MILITARY DPL AREA CHEM DEF BN SOVIET	AF	S089455
333330N 0682550E	GHAZNI ARMY BARRACKS + HQ REGT TK BN VACATED	AF	S089284
332000N 0695457E	KHOWST ARMY BARRACKS/DIV REGT/HQ BN CONVOY	AF	S089219
334802N 0724602E	WAH HIGH EXPLOSIVES R+D FACILITY IDENT	PK	S088742
341221N 0621347E	HERAT AIRFIELD MOTOR TRANSPORT UNIT DEPARTURE	AF	S089483
341221N 0621347E	HERAT AIRFIELD MRR BTR-60PB EQUIPPED	AF	S089484
341221N 0621347E	HERAT AIRFIELD MRR BTR-60PB EQUIPPED	AF	
343045N 0691000E	KABUL COMPLEX TANK BATTALION DEPLOYED IDENT	AF	S089478
343450N 0691250E	KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED	AF	S089295
343450N 0691250E	KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED	AF	
345700N 0691602E	BAGRAM AIRFIELD AIRBORNE BATTALION SOVIET	AF	S089217
345700N 0691602E	BAGRAM AIRFIELD TWIN PLATE DEPLOYMENT SOV	AF	S089291
344817N 1124023E	JIUMENGJIN SSM TECH TRNG FAC LNCH PAD B MODIF	CH	S089207
354215N 0512530E	TEHRAN US EMBASSY CIVIL DEMONSTRATIONS	IR	S089066
351631N 0622020E	KUSHKA ARMY BKS AL1 + HQ MRD MIL ACT UNUSUAL	UR	S089221
355805N 0623800E	TAKHTA BAZAR MILITARY BIVOUAC TANK REGT IDENT	UR	S089482
354505N 1073820E	XIFENGZHEN HF/DF FACILITY ANTENNA NEW	CH	S088657
360330N 0624300E	TAKHTA BAZAR ARMY BARRACKS WEST AL1 MIL ACT	UR	S089224
363938N 0685433E	KUNDUZ AIRFIELD MRR SOVIET/AIR O/B INCR IDENT	AF	S089289
364255N 0692737E	TALOQAN MILITARY BIVOUAC AREA MRR SOV IDENT	AF	S089477
360639N 1203353E	JIANGGEZHUANG NAVAL FACILITY NORTH R/W SS DPL	CH	S089290

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COORD	SUBJECT	COUN	ACCN NO.
360625N 1203513E	JIANGGEZHUANG SUBMARINE BASE PUG HAN SSN DPL	CH	
373638N 0615335E	MARY AIRFIELD NE AW RADAR FACILITY	UR	5089100
373622N 0615336E	MARY AAM SUPPORT FACILITY NE	UR	
373714N 0615349E	MARY AIRFIELD GCA SITE	UR	
373709N 0615342E	MARY AIRFIELD NE	UR	
373955N 0614938E	MARY AIRFIELD NORTH FITTER DEPLOYMENT	UR	5089227
371323N 0671555E	TERMEZ ARMY BARRACKS AL1/HQ MRD INSTL VACATED	UR	5089215
371323N 0671555E	TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL	UR	5089291
371323N 0671555E	TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL	UR	
373724N 0673100E	KOKAYTY AIRFIELD ACTIVITY INCREASE	UR	5089214
373724N 0673100E	KOKAYTY AIRFIELD ACTIVITY INCREASE	UR	5089216
374811N 0774411E	PISHAN MISSILE INSTRUMENTATION SITE 2	CH	5088636
373321N 0780640E	PISHAN MISSILE INSTRUMENTATION SITE	CH	
373343N 0780919E	PISHAN RADCOM TRANSMITTER STATION	CH	
373800N 0781900E	PISHAN MISSILE IMPACT AREA	CH	
373358N 0964952E	DELINGHA SSM SITE 1	CH	5088849
372640N 0971321E	DELINGHA SSM REGIMENTAL HQ CP BUNKER PROB.	CH	
372647N 0971537E	DELINGHA SSM CAVE STORAGE AREA 1	CH	
372726N 0972348E	DELINGHA SSM RADCOM STATION BUNKER HARD PROB	CH	
372943N 0970326E	DELINGHA SSM SITE 4 PROB	CH	
372925N 0971622E	DELINGHA SSM SITE 3 PROB	CH	
372940N 0972056E	DELINGHA SSM SITE 2 PROB	CH	
375502N 1123247E	TAIYUAN IRON + STEEL PLANT	CH	5088979
380840N 0575536E	GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	5088958
380840N 0575536E	GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	
385003N 0655518E	KARSHI/KHANABAD AIRFIELD BREWER YAK-28 INCR	UR	5089218
383559N 0681950E	KARATAG RELOCATION COMPLEX CIV DEF HQ TADZHIK	UR	5088958
384950N 1113620E	WUZHAI MTC CSS-2 ACTIVITY	CH	5089167
385052N 1113632E	WUZHAI MTC SSM R+D TEST SITE D SVC PLATFORMS	CH	5088858

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COORD	SUBJECT	COUN	ACCN NO.
395000N 1154940E	TUOLI SAM STORAGE DEPOT U/G	CH	S089101
394424N 1160207E	BEIJING ATOMIC ENERGY INSTITUTE	CH	S088955
394840N 1161040E	CHANGHSINTIEN ARMORED VEHICLE PLANT 618	CH	S089182
395443N 1160914E	SHIJINGSHAN IRON + STEEL PLANT	CH	S088979
393400N 1253940E	SINANJU MUNITIONS PLANT	KN	S089301
391350N 1260910E	UM DONG MUNITIONS PLANT	KN	
392045N 1260939E	SAMDONG NI ARMORED VEHICLE REPAIR PLANT	KN	S088468
404832N 0434940E	LENINAKAN ARMY BKS NORTH AL3 COMD COMMO EXER	UR	S089460
402159N 0443601E	YEREVAN/NOR GEKHI CIVIL DEF HQ U/G ARMENIAN	UR	S088958
402302N 0524354E	KUULI MAYAK CRUISE MISSILE TEST FACILITY	UR	S089467
402300N 0714550E	FERGANA ARMY BKS AL1/HQ ABRN DIV INSTL VACATE	UR	S089220
402300N 0714550E	FERGANA ARMY BARRACKS AL1/HQ AIRBORNE DIV	UR	S089209
404025N 1094626E	BAOTOU IRON + STEEL PLANT KUNTULUN	CH	S088979
404126N 1205309E	JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX	CH	S089238
404126N 1205309E	JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX	CH	
414642N 0444642E	TBILISI SEMICONDUCTOR PLANT POSS	UR	S089044
410216N 0691926E	TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	S088958
410216N 0691926E	TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	

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410815N 1225928E	ANSHAN IRON + STEEL PLANT	CH	S088979
411642N 1234343E	BENXI IRON + STEEL PLANT KUNGYUAN	CH	
421840N 0693649E	CHIMKENT AIRFIELD CANDID IL-76	UR	S089225

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COORD	SUBJECT	COUN	ACCN NO.
430651N 0244142E	LOVECH AMMUNITION DEPOT SW 503	BU	S089318
434320N 0245340E	TURNU MAGURELE CHEMICAL FERTILIZER PLANT	RO	S089463
434826N 0283400E	MANGALIA SHIPYARD CALA DE IERNARE	RO	S089056
434820N 0283415E	MANGALIA NAVAL BASE + HEADQUARTERS	RO	
430910N 0762330E	FABRICHNYY RELOCATION CPLX CIV DEF HQ KAZAKH	UR	S088958
435421N 1251203E	CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH	S089486
435421N 1251203E	CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH	

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442302N 0234305E	CRAIOVA CHEMICAL COMBINE ISALNITA	RO	S089463
445656N 0260959E	PLOIESTI CHEMICAL PLANT VALEA CALUGAREASCARO	RO	
443200N 0272255E	SLOBOZIA NITROGEN FERTILIZER PLANT	RO	
441850N 0283508E	NAVODARI SULFURIC ACID + CHEMICAL FTLZR PLT	RO	
443955N 0333536E	SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH	UR	S089107
444420N 0343120E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 1	UR	S088898
444900N 0344400E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 2	UR	
444955N 0345555E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 3	UR	
444830N 0350440E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 4	UR	
444820N 0350550E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 5	UR	
444930N 0350740E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 6	UR	
445115N 0350805E	FEODOSIYA NAVAL MTC	UR	S088962
445120N 0350810E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 7	UR	S088898
445530N 0351430E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 8	UR	
445710N 0352255E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 9	UR	
445900N 0415430E	STAVROPOL RADIO RELAY + TV RELAY STATION	UR	S089573
442953N 0661406E	TYURATAM TARTUGAY RADAR TEST FACILITY SUSP	UR	S089309
440130N 1314545E	GALENKI ESV TRACKING/MOLNIYA FAC DISH ANT	UR	S088850
443030N 1332828E	ANDREYEVKA COMSAT STATION NO SIGNIFICANT CHNG	UR	S089109

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COORD SUBJECT COUN ACCN NO.



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4558 N 02921 E	CHERVONO GLINSKOYE AIRFIELD GCI SITE RDR U/I	UR	S088663
451125N 0331117E	YEVATORIYA DEEP SPACE TRKG FAC CTRL DISH ANT	UR	S088850
451940N 0330305E	DONUZLAV OZERO AIRFIELD HANGARETTE	UR	S089172
450022N 0352359E	FEODOSIYA ASW WEAPONS CHECKOUT FACILITY PROB	UR	S088962
450040N 0352440E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 10	UR	S088898
450000N 0355020E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 14	UR	
450230N 0354850E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 13	UR	
450250N 0355700E	CHERNOMORSKOYE TRACKING FACILITY	UR	
450518N 0354417E	CHERNOMOR NAVAL MTC INSTRUMENTATION SITE 12	UR	
450750N 0353330E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 11	UR	
450150N 0361330E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 18	UR	
450230N 0360750E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 17	UR	
450310N 0360330E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 16	UR	
450330N 0362220E	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 19	UR	
455637N 0632755E	TYURATAM MTC SL-11 LNCH VEH PAYLOAD SHROUDS	UR	S088967
453716N 0723325E	SARY SHAGAN MTC SA-X-10 TRAINING SITE	UR	S089243
455200N 0733100E	SARY SHAGAN MTC R+D COMPLEX FACILITY A	UR	S089494
455800N 0733810E	SARY SHAGAN MTC R+D RADAR FAC 3 BUG EYE RADAR	UR	S088852
453400N 0845300E	KARAMAY OILFIELD DEVELOPMENT	CH	S089005
461030N 0212530E	ARAD CHEMICAL COMBINE	RO	S089463
463049N 0243014E	TIRGU MURES CHEMICAL COMBINE	RO	
463128N 0265618E	BACAU CHEMICAL COMBINE	RO	
465210N 0262828E	SAVINEST CHEMICAL FIBERS COMBINE ROZNOV	RO	
465020N 0293457E	TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING	UR	S089007
465020N 0293457E	TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING	UR	

TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
463500N 0305620E	ODESSA COMSAT STATION ORBITA NE NO SIG CHANGE	UR	S089109
465840N 0320019E	NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB	UR	S089003
465840N 0320019E	NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB	UR	
465600N 0352500E	MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG	UR	S089007
465600N 0352500E	MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG	UR	
465107N 0365712E	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	
465107N 0365712E	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	
465107N 0365712E	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG	UR	
4620 N 04801 E	ASTRAKHAN GAS FIELD DEVELOPMENT	UR	S089084
460324N 0625626E	TYURATAM MTC ICBM SUPPORT FAC 7 SS-19 ACT	UR	S089453
460308N 0625915E	TYURATAM MTC ICBM SITE S9 SS-19 ACTIVITY	UR	
462629N 0725108E	SARY SHAGAN MTC COMPLEX F LAUNCH PREPARATIONS	UR	S089211
465331N 0750017E	BALKHASH AIRFIELD AIRBORNE UNIT IDENTIFIED	UR	S089226
465331N 0750017E	BALKHASH AIRFIELD CANDID IL-76 ACTIVITY INCR	UR	S089222
465535N 0794010E	AKTOGAY ARMY BKS AL1 ABRN BN BMD-EQUIP IDENT	UR	S089293
471108N 0180120E	HAJMASKER MILITARY TRNG AREA TK DIV EXER SOV	HU	S089104
470311N 0285143E	KISHINEV SEMICONDUCTOR PLANT MEZON	UR	S089044
471732N 0290517E	DUBOSSARY GCC RELOCATION CPLX MOLDAVIAN/BKR	UR	S088958
470034N 0315946E	NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG	UR	S089007
470034N 0315946E	NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG	UR	
475230N 0475255E	AZGIR NUCLEAR TEST SITE U	UR	S088976
485630N 0244415E	IVANO FRANKOVSK SEMICONDUCTOR PLANT	UR	S089044
481635N 0255920E	CHERNOVTSY SEMICONDUCTOR PLANT GRAVITON	UR	
481224N 0305416E	PERVOMAYSK SSM COMPLEX ICBM TYPE 3G GUIDANCE	UR	S088855
483521N 0354000E	BULAKHOVKA RADIO RELAY STATION	UR	S089543
484107N 0455853E	KAPUSTIN YAR MTC SS-X-23 FIELD DPL PATTERNS	UR	S089054

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
481735N 0461216E	AKHTUBINSK FLIGHT TEST CTR BACKFIRE B MODIF	UR	S089300
481851N 0461630E	AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW	UR	S089454
481851N 0461630E	AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW	UR	
484038N 0460924E	KAPUSTIN YAR MTC RIM FAC SS-20 EQUIP TRSHPMT	UR	S089051
483103N 0580207E	EMBA MTC SAM ACTIVITY	UR	S088853
4842 N 05805 E	EMBA MTC OPERATIONS SUPT AREA SA-6/SA-X-11	UR	S089067
480803N 1143848E	CHOYBALSAN AIRFIELD NE HANGARETTE	M6	S089172

25X1

482405N 1350226E	KHABAROVSK SHIPYARD SOUTH 876C CLASS PM IDENT	UR	S089208
495432N 0190058E	CZECHOWICE PETROLEUM REFINERY DZIEDZICE	PL	S089465
494026N 0211030E	GORLICE PETROLEUM RFY GLINIK MARIAMPOLSKI	PL	
494245N 0213934E	KROSNO PETROLEUM REFINERY JEDLICZE	PL	
494326N 0212731E	JASLO PETROLEUM REFINERY	PL	
494840N 0240228E	LVOV TUBE + SEMICONDUCTOR PLANT 24	UR	S089044
491254N 0270818E	DERAZHNYA SSM COMPLEX ICBM TYPE 36 SITES GDNC	UR	S088855

25X1

502023N 0181800E	KEDZIERZYN PETROLEUM REFINERY U/C	PL	S089465
500939N 0192650E	CHRZANOW PETROLEUM REFINERY	PL	
502920N 0302505E	KIYEV SEMICONDUCTOR PLANT	UR	S089044
500428N 0312736E	PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	S088958
500428N 0312736E	PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	

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COORD SUBJECT COUN ACCN NO.

[Redacted]

25X1

505123N 1155052E OLOVYANNAYA ICBM TRAINING SITE 24X TRNG EXER UR S089168
504610N 1284628E VOZZHAYEVKA AIRFIELD NE COMMO BKR/HANGARETTE UR S089172

[Redacted]

25X1

513742N 0152426E ZAGAN AIRFIELD COMMAND CONTROL COMMO BUNKER PL S089172
513933N 0391459E VORONEZH ELECTRONICS COMPONENTS PLANT POSS UR S089044

[Redacted]

25X1

512844N 0461246E ENGELS AIRFIELD BADGER TU-16 DEPLOYMENT UR S089286
510131N 0594811E DOMBAROVSKIY ICBM RTP SS-18 MOD-4 EQUIPMENT UR S088814
515111N 1075329E ULAN UDE MILITARY BARRACKS AL3 CONST ACT UR S089170
514254N 1125944E DROVYANAYA SS-20 REMOTE SITE 1 UR S089145
512720N 1130404E DROVYANAYA MOBILE IRBM BASE 1 PARK DRIVE UR S088953
511355N 1284135E VERNOYE/ORLOVKA AIRFIELD GCI SITE UR S089057

[Redacted]

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COORD	SUBJECT	COUN	ACCN No.
[Redacted]			
511551N 1284312E	VERNOYE/ORLOVKA AIRFIELD GCA SITE	UR	
511558N 1284318E	VERNOYE/ORLOVKA AIRFIELD	UR	
510142N 1364950E	KOMSOMLSK COMSAT CONTROL STA NO SIG CHANGE	UR	S089109
[Redacted]			
523513N 0194016E	PLOCK PETROLEUM REFINERY	PL	S089465
521645N 0292120E	BOBROVICH AIRFIELD COMMAND CONTROL COMMO BKR	UR	S089172
520655N 0301440E	RECHITSA SS-20 REMOTE SITE 2	UR	S089145
520854N 0302346E	RECHITSA SS-20 REMOTE SITE 3	UR	
521129N 0300707E	RECHITSA SS-20 REMOTE SITE 1	UR	
[Redacted]			
525520N 0360132E	OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR	S088974
525520N 0360132E	OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR	
522724N 0412754E	TAMBOV MISSILE SUPPORT REAR DEPOT SS-20 SUPT	UR	S088973
[Redacted]			
532440N 0143600E	SZCZECIN PETROLEUM REFINERY	PL	S089465
534215N 0234925E	GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	S089574
534215N 0234925E	GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	
535124N 0273050E	MINSK SEMICONDUCTOR PLANT	UR	S089044

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COORD	SUBJECT	COUN	ACCN NO.
534248N 0332043E	SESHCHA AIRFIELD AIRBORNE ACTIVITY	UR	S089212
531520N 0342158E	BRYANSK INTEGRATED CIRCUIT + TRANSISTOR PLANT	UR	S089044
535617N 0354652E	KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE	UR	S088815
535617N 0354652E	KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE	UR	
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	S089106
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	
532053N 0501231E	KUYBYSHEV EXPMT AC + ROCKET ENG PLANT	UR	S088993
532053N 0501231E	KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR	
534138N 0912342E	ABAKAN ARMY BARRACKS AL1 + HEADQUARTERS MRD	UR	S089105
[REDACTED]			
530039N 1583856E	PETROPAVLOVSK PORT FACS CONT HDLG FAC SRCH	UR	S089471
541205N 0154110E	KOLOBRZEG AIRFIELD COMMAND CONTROL COMMO BKR	PL	S089172
542100N 0184500E	GDANSK PETROLEUM REFINERY U/C	PL	S089465
544137N 0202616E	KALININGRAD SHIPYARD STATE 820 820D LNCH PREP	UR	S089292
5401 N 02358 E	DRUSKININKAI RADIO RELAY STATION SEARCH	UR	S089574
545020N 0252701E	VILNIUS/NEMENCINE CIVIL DEF HQ LITHUANIAN	UR	S088958
540234N 0275055E	MINSK CIVIL DEFENSE HQ COMPLEX BELORUSSIAN	UR	
544910N 0320245E	SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST	UR	S089175
544910N 0320245E	SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST	UR	
540734N 0352922E	KOZELSK SSM COMPLEX ICBM TYPE 36 SITES GDNC	UR	S088855
545641N 0392552E	BELOOMUT COMSAT STATION NO SIGNIFICANT CHNG	UR	S089109
542106N 0482115E	ULYANOVSK HAND-HELD CALCULATOR PRODUCTION PLT	UR	S089044
553640N 0345445E	POLICHNYA COMSAT STATION ORBITA NO SIG CHANGE	UR	S089109
553355N 0364230E	KUBINKA ARMY BKS TUCHKOVO SOUTH AL2 EQUIP MOV	UR	S089213

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COORD	SUBJECT	COUN	ACCN NO.
553755N 0361813E	USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	S088958
553755N 0361813E	USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	
553415N 0370039E	GOLITSYNO RADCOM TRANSMITTER STATION	UR	S089542
553442N 0370049E	KOBYAKOVO RADIO RELAY STATION MICROWAVE ANT	UR	
554154N 0375242E	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV	UR	S089181
554840N 0371710E	KRASNOGORSK SPACE DEFENSE FORCE HQ POSS	UR	S089575
554846N 0373034E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 CONST	UR	S089179
554846N 0373034E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	S089488
554803N 0373223E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 240 EXPSN	UR	S089174
555150N 0375726E	MOSKVA/SUPONINO SPACE TRACKING FAC DISH ANT	UR	S088850
555530N 0374431E	MYTISHCHI ELECTRONIC RESEARCH COMPLEX	UR	S089309
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING	UR	S088695
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING	UR	
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	S089147
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	
5534 N 03807 E	RAMENSKOYE AIRFIELD AIRCRAFT NEW/MODIFIED	UR	S088737
553418N 0380923E	RAMENSKOYE FLIGHT TEST CTR MSL TEST VEH U/I	UR	S089180
553444N 0405418E	GUS KHRUSTALNYY COMSAT CNTRL STA NO SIG CHNG	UR	S089109
555330N 0411215E	ANDREYEVO RADAR R+D TEST FACILITY	UR	S089309
560732N 0365151E	SOLNECHNOGORSK CIVIL DEFENSE HQ COMPLEX RSFSR	UR	S088958
560040N 0371200E	ZELENOGRAD ELECTRONICS PLANT/IND NORTH ELEON	UR	S089044
564350N 0370600E	IVANKOVO ELECTRONICS R+D FACILITY PROB	UR	S089309

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COORD	SUBJECT	COUN	ACCN NO.
562350N 0384245E	ALEKSANDROV SEMICONDUCTOR PLANT	UR	S089044
561735N 0434510E	GORKIY ELECTRONICS RESEARCH FACILITY	UR	S089309
561925N 0434842E	GORKIY SORMOVO RADAR ASSEMBLY + TEST AREA	UR	
561936N 0435321E	GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR	S088974
561936N 0435321E	GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR	
564740N 0483058E	YOSHKAR OLA SSM COMPLEX	UR	S088899
565959N 0530307E	LYUKSHUDYA ELECTRONICS TEST/CALIBRATION FAC	UR	S089309
565818N 0603624E	SVERDLOVSK RESERVE ARMOR STORAGE DEPOT	UR	S089320
570533N 0241512E	RIGA SEMICONDUCTOR PLANT	UR	S089044
571006N 0245130E	SIGULDA CIVIL DEF ALTERNATE HQ LATVIAN/BKR	UR	S088958
575848N 0561508E	PERM AIRCRAFT ENG PLT STALIN 19 ENG TEST CELL	UR	S088993
575128N 0600439E	NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF	UR	S089171
575128N 0600439E	NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF	UR	
580352N 0384800E	RYBINSK SHIPYARD 341 TARANTUL CLASS PGG U/C	UR	S089173
580930N 0605602E	NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	S088539
591011N 0251310E	KOSE CIVIL DEFENSE HQ RELOC CPLX ESTONIAN	UR	S088958
595750N 0292525E	LENINGRAD ELECTRONICS FACILITY PROB	UR	S089309
5942 N 03010 E	KRASNOYE SELO COMMUNICATIONS FAC BKR SEARCH	UR	S089572
595613N 0301341E	LENINGRAD ELECTRONICS FACILITY	UR	S089309
600032N 0302008E	LENINGRAD TUBE/SEMICONDUCTOR PLT SVETLANA 211	UR	S089044

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COORD	SUBJECT	COUN	ACCN NO.
643420N 0394551E	SEVERODVINSK NAVAL BASE WEST	UR	S089098
643445N 0394716E	SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	
643438N 0394832E	SEVERODVINSK SHIPYARD 402 P CL SSGN REFIT/RPR	UR	S088740
643438N 0394832E	SEVERODVINSK SHIPYARD 402	UR	S089098
643438N 0394832E	SEVERODVINSK SHIPYARD 402 D-3 CL SSBN ROLLOUT	UR	S089223
643438N 0394832E	SEVERODVINSK SHIPYARD 402 TYPHOON SSBN CONST	UR	S089308
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	S089098
643633N 0391415E	NENOKSA NAVAL MTC FACILITY D TEST EVIDENCE	UR	S089481
643807N 0390924E	NENOKSA NAVAL MTC TRACKING FACILITY	UR	S088702
674357N 0405340E	BOLSHOY GORODETSKIY TRACKING FACILITY	UR	S088990
692405N 0305918E	PECHENGA AIRFIELD	UR	S089102
692409N 0305927E	PECHENGA AIRFIELD GCA SITE	UR	
692625N 0305740E	PECHENGA AIRFIELD GCI SITE TALL KING	UR	
195936N 0751114W	CAIMANERA ECM SITE PROB	CU	S089487
200012N 0754616W	SANTIAGO DE CUBA DF FACILITY	CU	
200857N 0751042W	GUANTANAMO DF FACILITY	CU	
215755N 0792610W	SANCTI SPIRITUS DF FACILITY	CU	
224900N 0822600W	EL GABRIEL HF COMMUNICATIONS CENTER U/C NEW	CU	S089046
225646N 0822148W	BEJUCAL RADCOM STATION SOUTH POINT-TO-POINT	CU	S089487
225830N 0822025W	SANTIAGO DE LAS VEGAS HF RADCOM STATION U/C	CU	S089046
225843N 0822815W	SAN PEDRO HIGHWAY LANDING STRIP CONST NEW	CU	S088968
225920N 0822803W	LOURDES SIGINT COMPLEX CENTRAL	CU	S089487
220248N 0841602W	LA FE DF FACILITY PROB	CU	
230014N 0821839W	LA HABANA MILITARY CAMP SE 1	CU	S089103

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COORD	SUBJECT	COUN	ACCN NO.
230156N 0823448W	PLAYA BARACOA AIRFIELD	CU	
230212N 0820441W	TAPASTE COMSAT STATION	CU	S089303
230410N 0823045W	SANTA FE DF FACILITY	CU	S089487
230511N 0822845W	LA HABANA AIRBORNE TRAINING FACILITY BILTMORE	CU	S089103
230908N 0821718W	LA HABANA SA-2 SITE COJIMAR A13	CU	S089487
231008N 0820511W	GUANABO MILITARY CAMP EAST	CU	S089103
071209S 1124420E	SURABAJA NAVAL BASE FRIGATE NEW DUTCH	ID	S089065
0942 S 02026 E	SAURIMO MILITARY INSTALLATION	AO	S088664
114510S 0195100E	LUENA AIRFIELD MILITARY INSTALLATION	AO	
114510S 0195100E	LUENA AIRFIELD MILITARY INSTALLATION	AO	
1146 S 01951 E	LUENA MILITARY STORAGE AREA	AO	
1146 S 01952 E	LUENA MILITARY INSTALLATION SOUTH	AO	
1146 S 01952 E	LUENA MILITARY INSTALLATION WEST	AO	
114820S 0200750E	BOMA MILITARY TRAINING FACILITY	AO	
122214S 0133223E	LOBITO AIRFIELD	AO	S089148
122220S 0133325E	LOBITO ARMY BARRACKS SOUTH	AO	
124710S 0154340E	HUAMBO MILITARY INSTALLATION	AO	
124813S 0154330E	HUAMBO ARMY BARRACKS	AO	
124820S 0154526E	HUAMBO AIRFIELD	AO	
122440S 0165650E	BIE MILITARY INSTALLATION	AO	
200922S 0572937E	PORT LOUIS PORT FACILITIES	MP	S089306

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PART V

Listing of Reports by WAC/BE Number

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WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

PECHENGA AIRFIELD GCI SITE TALL KING
 PECHENGA AIRFIELD GCA SITE
 PECHENGA AIRFIELD

692625N 0305740E UR S089102
 692409N 0305927E UR
 692405N 0305918E UR

25X1

BOLSHOY GORODETSKIY TRACKING FACILITY
 NENOKSA NAVAL MTC FACILITY D TEST EVIDENCE
 SEVERODVINSK SHIPYARD 402 TYPHOON SSBN CONST
 SEVERODVINSK SHIPYARD 402 P CL SSGN REFIT/RPR
 SEVERODVINSK SHIPYARD 402 D-3 CL SSBN ROLLOUT
 SEVERODVINSK SHIPYARD 402
 SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC
 SEVERODVINSK NAVAL BASE WEST
 SEVERODVINSK SHIPYARD YAGRY OSTROV
 NENOKSA NAVAL MTC TRACKING FACILITY
 LENINGRAD TUBE/SEMICONDUCTOR PLT SVETLANA 211
 LENINGRAD ELECTRONICS FACILITY PROB
 LENINGRAD ELECTRONICS FACILITY
 KOSE CIVIL DEFENSE HQ RELOC CPLX ESTONIAN
 RIGA SEMICONDUCTOR PLANT

674357N 0405340E UR S088990
 643633N 0391415E UR S089481
 643438N 0394832E UR S089308
 643438N 0394832E UR S088740
 643438N 0394832E UR S089223
 643438N 0394832E UR S089098
 643445N 0394716E UR
 643420N 0394551E UR
 643514N 0394907E UR
 643807N 0390924E UR S088702
 600032N 0302008E UR S089044
 595750N 0292525E UR S089309
 595613N 0301341E UR
 591011N 0251310E UR S088958
 570533N 0241512E UR S089044

25X1

SIGULDA CIVIL DEF ALTERNATE HQ LATVIAN/BKR
 IVANKOVO ELECTRONICS R+D FACILITY PROB

571006N 0245130E UR S088958
 564350N 0370600E UR S089309

25X1

ALEKSANDROV SEMICONDUCTOR PLANT

562350N 0384245E UR S089044

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WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC
 GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC
 RYBINSK SHIPYARD 341 TARANTUL CLASS P66 U/C
 GORKIY ELECTRONICS RESEARCH FACILITY
 GORKIY SORMOVO RADAR ASSEMBLY + TEST AREA
 ZELENograd ELECTRONICS PLANT/IND NORTH ELEON
 SOLNECHNOGORSK CIVIL DEFENSE HQ COMPLEX RSFSR
 LYUKSHUDYA ELECTRONICS TEST/CALIBRATION FAC
 YOSHKAR OLA SSM COMPLEX
 PERM AIRCRAFT ENG PLT STALIN 19 ENG TEST CELL

561936N 0435321E UR S088974
 561936N 0435321E UR
 580352N 0384800E UR S089173
 561735N 0434510E UR S089309
 561925N 0434842E UR
 560040N 0371200E UR S089044
 560732N 0365151E UR S088958
 565959N 0530307E UR S089309
 564740N 0483058E UR S088899
 575848N 0561508E UR S088993

25X1

NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY
 NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF
 NIZHNIY TAGIL ORDNANCE R+D FAC ARTILLERY CF
 SVERDLOVSK RESERVE ARMOR STORAGE DEPOT

580930N 0605602E UR S088539
 575128N 0600439E UR S089171
 575128N 0600439E UR
 565818N 0603624E UR S089320

25X1

ABAKAN ARMY BARRACKS AL1 + HEADQUARTERS MRD
 ULYANOVSK HAND-HELD CALCULATOR PRODUCTION PLT
 KUYBYSHEV EXPMT AC + ROCKET ENG PLANT
 KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT
 KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT
 KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT
 BELOOMUT COMSAT STATION NO SIGNIFICANT CHNG
 ANDREYEVO RADAR R+D TEST FACILITY

534138N 0912342E UR S089105
 542106N 0482115E UR S089044
 532053N 0501231E UR S088993
 532053N 0501231E UR
 532053N 0501231E UR S089106
 532053N 0501231E UR
 545641N 0392552E UR S089109
 555330N 0411215E UR S089309

25X1

TOP SECRET CHESS RUFF

25X1
 25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	TAMBOV MISSILE SUPPORT REAR DEPOT SS-20 SUPT		522724N 0412754E	UR	S088973
	GUS KHRUSTALNYY COMSAT CNTRL STA NO SIG CHNG POLICHNYA COMSAT STATION ORBITA NO SIG CHANGE		553444N 0405418E 553640N 0345445E	UR UR	S089109
	RECHITSA SS-20 REMOTE SITE 1		521129N 0300707E	UR	S089145
	RECHITSA SS-20 REMOTE SITE 2		520655N 0301440E	UR	
	RECHITSA SS-20 REMOTE SITE 3		520854N 0302346E	UR	
	KRASNOGORSK SPACE DEFENSE FORCE HQ POSS		554840N 0371710E	UR	S089575
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 CONST		554846N 0373034E	UR	S089179
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S089488
	MYTISHCHI ELECTRONIC RESEARCH COMPLEX		555530N 0374431E	UR	S089309
	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	S089147
	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	
	MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING		555517N 0374805E	UR	S088695
	MOSKVA MISSILE + SPACE DEV CTR FUEL BLENDING		555517N 0374805E	UR	
	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 240 EXPSN		554803N 0373223E	UR	S089174
	KUBINKA ARMY BKS TUCHKOVO SOUTH AL2 EQUIP MOV		553355N 0364230E	UR	S089213
	GOLITSYNO RADCOM TRANSMITTER STATION		553415N 0370039E	UR	S089542
	OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC		525520N 0360132E	UR	S088974
	OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC		525520N 0360132E	UR	
	RAMENSKOYE FLIGHT TEST CTR MSL TEST VEH U/I		553418N 0380923E	UR	S089180
	KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE		535617N 0354652E	UR	S088815
	KOZELSK ICBM RTP CANVAS COVERS EXTENSIVE		535617N 0354652E	UR	
	SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST		544910N 0320245E	UR	S089175
	SMOLENSK GUIDED MISSILE + A/C PLANT 475 CONST		544910N 0320245E	UR	
	KOBYAKOVO RADIO RELAY STATION MICROWAVE ANT		553442N 0370049E	UR	S089542
	LYUBERTSY HELICOPTER EXPERIMENTAL PLANT KAMOV		554154N 0375242E	UR	S089181

25X1

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TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1
25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	MOSKVA/SUPONINO SPACE TRACKING FAC DISH ANT		555150N 0375726E	UR	S088850
	BRYANSK INTEGRATED CIRCUIT + TRANSISTOR PLANT		531520N 0342158E	UR	S089044
	USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD		553755N 0361813E	UR	S088958
	USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD		553755N 0361813E	UR	
	SESHCHA AIRFIELD AIRBORNE ACTIVITY		534248N 0332043E	UR	S089212
	KOZELSK SSM COMPLEX ICBM TYPE 36 SITES GDNC		540734N 0352922E	UR	S088855
	GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA		534215N 0234925E	UR	S089574
	GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA		534215N 0234925E	UR	
	MINSK SEMICONDUCTOR PLANT		535124N 0273050E	UR	S089044
	VILNIUS/NEMENCINE CIVIL DEF HQ LITHUANIAN		545020N 0252701E	UR	S088958
	MINSK CIVIL DEFENSE HQ COMPLEX BELORUSSIAN		540234N 0275055E	UR	
	BOBROVICH AIRFIELD COMMAND CONTROL COMMO BKR		521645N 0292120E	UR	S089172
	SZCZECIN PETROLEUM REFINERY		532440N 0143600E	PL	S089465
	GDANSK PETROLEUM REFINERY U/C		542100N 0184500E	PL	
	KALININGRAD SHIPYARD STATE 820 820D LNCH PREP		544137N 0202616E	UR	S089292
	PLOCK PETROLEUM REFINERY		523513N 0194016E	PL	S089465
	PETROPAVLOVSK PORT FACCS CONT HDLG FAC SRCH		530039N 1583856E	UR	S089471

25X1

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TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

25X1 5X1

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
DROVYANAYA SS-20 REMOTE SITE 1		514254N 1125944E	UR	S089145	
DROVYANAYA MOBILE IRBM BASE 1 PARK DRIVE		512720N 1130404E	UR	S088953	
ULAN UDE MILITARY BARRACKS AL3 CONST ACT		515111N 1075329E	UR	S089170	
CHOYBALSAN AIRFIELD NE HANGARETTE		480803N 1143848E	MG	S089172	
OLOVYANNAYA ICBM TRAINING SITE 24X TRNG EXER		505123N 1155052E	UR	S089168	
VERNOYE/ORLOVKA AIRFIELD GCA SITE		511551N 1284312E	UR	S089057	
VERNOYE/ORLOVKA AIRFIELD GCI SITE		511355N 1284135E	UR		

25X1

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VOZZHAYEVKA AIRFIELD NE COMMO BKR/HANGARETTE		504610N 1284628E	UR	S089172
VERNOYE/ORLOVKA AIRFIELD		511558N 1284318E	UR	S089057

25X1

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
KHABAROVSK SHIPYARD SOUTH 876C CLASS PM IDENT		482405N 1350226E	UR	S089208
KOMSOMOLSK COMSAT CONTROL STA NO SIG CHANGE		510142N 1364950E	UR	S089109

25X1

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
ZAGAN AIRFIELD COMMAND CONTROL COMMO BUNKER		513742N 0152426E	PL	S089172

25X1

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	IVANO FRANKOVSK SEMICONDUCTOR PLANT		485630N 0244415E	UR	S089044
	KEDZIERZYN PETROLEUM REFINERY U/C		502023N 0181800E	PL	S089465
	GORLICE PETROLEUM RFY GLINIK MARIAMPOLSKI		494026N 0211030E	PL	
	JASLO PETROLEUM REFINERY		494326N 0212731E	PL	
	CHRZANOW PETROLEUM REFINERY		500939N 0192650E	PL	
	KROSNO PETROLEUM REFINERY JEDLICZE		494245N 0213934E	PL	
	CZECHOWICE PETROLEUM REFINERY DZIEDZICE		495432N 0190058E	PL	
	LVOV TUBE + SEMICONDUCTOR PLANT 24		494840N 0240228E	UR	S089044
	CHERNOVTSY SEMICONDUCTOR PLANT GRAVITON		481635N 0255920E	UR	
	KIYEV SEMICONDUCTOR PLANT		502920N 0302505E	UR	
	PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER		500428N 0312736E	UR	S088958
	PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER		500428N 0312736E	UR	
	PERVOMAYSK SSM COMPLEX ICBM TYPE 3G GUIDANCE		481224N 0305416E	UR	S088855
	DERAZHNAYA SSM COMPLEX ICBM TYPE 3G SITES 6DNC		491254N 0270818E	UR	
	BULAKHOVKA RADIO RELAY STATION		483521N 0354000E	UR	S089543
	VORONEZH ELECTRONICS COMPONENTS PLANT POSS		513933N 0391459E	UR	S089044
	AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW		481851N 0461630E	UR	S089454
	AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD MSL NEW		481851N 0461630E	UR	
	AKHTUBINSK FLIGHT TEST CTR BACKFIRE B MODIF		481735N 0461216E	UR	S089300
	KAPUSTIN YAR MTC RIM FAC SS-20 EQUIP TRSHPMPT		484038N 0460924E	UR	S089051
	ENGELS AIRFIELD BADGER TU-16 DEPLOYMENT		512844N 0461246E	UR	S089286
	KAPUSTIN YAR MTC SS-X-23 FIELD DPL PATTERNS		484107N 0455853E	UR	S089054
	EMBA MTC OPERATIONS SUPT AREA SA-6/SA-X-11		4842 N 05805 E	UR	S089067
	EMBA MTC SAM ACTIVITY		483103N 0580207E	UR	S088853
	DOMBAROVSKIY ICBM RTP SS-18 MOD-4 EQUIPMENT		510131N 0594811E	UR	S088814
	SEMIPALATINSK NWP6 MAIN SUPT CPLX SILO DMNS		504500N 0783100E	UR	S088992

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TOP SECRET CHESS RUFF

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ACCN NO.

SEMIPALATINSK NWP6 HE TEST SS-20 ASSOCIATED	502300N 0774923E	UR	S089302
SEMIPALATINSK NWP6 HE EFFECTS TEST AREA	502300N 0774923E	UR	S088643
SEMIPALATINSK NWP6 LIQUID HYDROGEN PLANT	504435N 0605602E	UR	S088539
SEMIPALATINSK NWP6 LIQUID HYDROGEN PLANT	504435N 0605602E	UR	
SEMIPALATINSK NWP6 SHAGAN RIVER SILO TEST	495929N 0785552E	UR	S088992
SEMIPALATINSK NWP6 SHAGAN RIVER TYPE 3H SILO	495929N 0785552E	UR	S089485
SEMIPALATINSK NWP6 SHAGAN RVR LOC 89 FAC U/I	495929N 0785552E	UR	S089231
SEMIPALATINSK NWP6 SHAGAN RVR LOC 89 FAC U/I	495929N 0785552E	UR	
SEMIPALATINSK NWP6 PNUTS FACILITY	501101N 0782217E	UR	S088539
SEMIPALATINSK NWP6 STGE FAC RAIL CARS	503831N 0783437E	UR	S089319
KARAMAY OILFIELD DEVELOPMENT	453400N 0845300E	CH	S089005
AKTOGAY ARMY BKS AL1 ABRN BN BMD-EQUIP IDENT	465535N 0794010E	UR	S089293
BALKHASH AIRFIELD AIRBORNE UNIT IDENTIFIED	465331N 0750017E	UR	S089226
BALKHASH AIRFIELD CANDID IL-76 ACTIVITY INCR	465331N 0750017E	UR	S089222
SARY SHAGAN MTC R+D RADAR FAC 3 BUG EYE RADAR	455800N 0733810E	UR	S088852
SARY SHAGAN MTC R+D COMPLEX FACILITY A	455200N 0733100E	UR	S089494
SARY SHAGAN MTC SA-X-10 TRAINING SITE	453716N 0723325E	UR	S089243
SARY SHAGAN MTC COMPLEX F LAUNCH PREPARATIONS	462629N 0725108E	UR	S089211
TYURATAM TARTUGAY RADAR TEST FACILITY SUSP	442953N 0661406E	UR	S089309
TYURATAM MTC ICBM SUPPORT FAC 7 SS-19 ACT	460324N 0625626E	UR	S089453
TYURATAM MTC ICBM SITE S9 SS-19 ACTIVITY	460308N 0625915E	UR	
TYURATAM MTC SL-11 LNCH VEH PAYLOAD SHROUDS	455637N 0632755E	UR	S088967
AZGIR NUCLEAR TEST SITE U	475230N 0475255E	UR	S088976

25X1.1

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	FEODOSIYA NAVAL MTC		445115N 0350805E	UR	S088962
	FEODOSIYA ASW WEAPONS CHECKOUT FACILITY PROB		450022N 0352359E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 5		444820N 0350550E	UR	S098898
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 9		445710N 0352255E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 6		444930N 0350740E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 8		445530N 0351430E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 13		450230N 0354850E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 14		450000N 0355020E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 16		450310N 0360330E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 18		450150N 0361330E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 17		450230N 0360750E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 19		450330N 0362220E	UR	
	CHERNOMOR NAVAL MTC INSTRUMENTATION SITE 12		450518N 0354417E	UR	
	CHERNOMORSKOYE TRACKING FACILITY		450250N 0355700E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 7		445120N 0350810E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 4		444830N 0350440E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 10		450040N 0352440E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 11		450750N 0353330E	UR	
	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG		465107N 0365712E	UR	S089007
	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG		465107N 0365712E	UR	
	BERDYANSK SAM/AAA TRAINING CENTER CBR TRNG		465107N 0365712E	UR	
	MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG		465600N 0352500E	UR	
	MELITOPOL CIVIL DEFENSE INSTALLATION CBR TRNG		465600N 0352500E	UR	
	STAVROPOL RADIO RELAY + TV RELAY STATION		445900N 0415430E	UR	S089573
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 3		444955N 0345555E	UR	S088898
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 2		444900N 0344400E	UR	
	FEODOSIYA NAVAL MTC INSTRUMENTATION SITE 1		444420N 0343120E	UR	
	KISHINEV SEMICONDUCTOR PLANT MEZON		470311N 0285143E	UR	S089044
	CHERVONO GLINSKOYE AIRFIELD GCI SITE RDR U/I		4558 N 02921 E	UR	S088663
	YEVPATORIYA DEEP SPACE TRKG FAC CTRL DISH ANT		451125N 0331117E	UR	S088850
	NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB		465840N 0320019E	UR	S089003
	NIKOLAYEV SHIPYARD 61 SA-NX-6 CAROUSEL PROB		465840N 0320019E	UR	
	TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING		465020N 0293457E	UR	S089007
	TIRASPOL ARMY BARRACKS WEST AL1 CBR TRAINING		465020N 0293457E	UR	

25X1
25X1

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TOP SECRET CHESS RUFF

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25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	NAVODARI SULFURIC ACID + CHEMICAL FTLZR PLT		441850N 0283508E	RO	S089463
	SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH		443955N 0333536E	UR	S089107
	NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG		470034N 0315946E	UR	S089007
	NIKOLAYEV ARMY BKS AL5 + HQ TANK DIV CBR TRNG		470034N 0315946E	UR	
	ODESSA COMSAT STATION ORBITA NE NO SIG CHANGE		463500N 0305620E	UR	S089109
	SLOBOZIA NITROGEN FERTILIZER PLANT		443200N 0272255E	RO	S089463
	DUBOSSARY GCC RELOCATION CPLX MOLDAVIAN/BKR		471732N 0290517E	UR	S088958
	DONUZLAV OZERO AIRFIELD HANGARETTE		451940N 0330305E	UR	S089172
	ARAD CHEMICAL COMBINE		461030N 0212530E	RO	S089463
	FAGARAS CHEMICAL + EXPLOSIVES PLANT 1		454838N 0245848E	RO	
	FAGARAS CHEMICAL + EXPLOSIVES PLANT 1		454838N 0245848E	RO	
	SAVINEST CHEMICAL FIBERS COMBINE ROZNOV		465210N 0262828E	RO	
	TIRGU MURES CHEMICAL COMBINE		463049N 0243014E	RO	
	PLOIESTI CHEMICAL PLANT VALEA CALUGAREASCARO		443656N 0280959E	RO	
	CRAIOVA CHEMICAL COMBINE ISALNITA		442302N 0234305E	RO	
	BACAU CHEMICAL COMBINE		463128N 0265618E	RO	
	HAJMASKER MILITARY TRNG AREA TK DIV EXER SOV		471108N 0180120E	HU	S089104
	GALENKI ESV TRACKING/MOLNIYA FAC DISH ANT		440130N 1314545E	UR	S088850
	ANDREYEVKA COMSAT STATION NO SIGNIFICANT CHNG		443030N 1332828E	UR	S089109
	BAOTOU IRON + STEEL PLANT KUNTULUN		404025N 1094626E	CH	S088979
	ANSHAN IRON + STEEL PLANT		410815N 1225928E	CH	
	JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX		404126N 1205309E	CH	S089238
	JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX		404126N 1205309E	CH	
	BENXI IRON + STEEL PLANT KUNGYUAN		411642N 1234343E	CH	S088979

25X1

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT
 CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT

435421N 1251203E
 435421N 1251203E

CH S089486
 CH

25X1

LOVECH AMMUNITION DEPOT SW 503

430651N 0244142E

BU S089318

TURNU MAGURELE CHEMICAL FERTILIZER PLANT

434320N 0245340E

RO S089463

MANGALIA NAVAL BASE + HEADQUARTERS
 MANGALIA SHIPYARD CALA DE IERNARE

434820N 0283415E
 434826N 0283400E

RO S089056
 RO

TBILISI SEMICONDUCTOR PLANT POSS

414642N 0444642E

UR S089044

LENINAKAN ARMY BKS NORTH AL3 COMD COMMO EXER

404832N 0434940E

UR S089460

YEREVAN/NOR GEKHI CIVIL DEF HQ U/G ARMENIAN

402159N 0443601E

UR S088958

KUULI MAYAK CRUISE MISSILE TEST FACILITY

402302N 0524354E

UR S089467

FERGANA ARMY BKS AL1/HQ ABRN DIV INSTL VACATE

402300N 0714550E

UR S089220

FERGANA ARMY BARRACKS AL1/HQ AIRBORNE DIV

402300N 0714550E

UR S089209

TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK
 TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK

410216N 0691926E
 410216N 0691926E

UR S088958
 UR

CHIMKENT AIRFIELD CANDID IL-76

421840N 0693649E

UR S089225

FABRICHNYY RELOCATION CPLX CIV DEF HQ KAZAKH

430910N 0762330E

UR S088958

25X1

DELINGHA SSM CAVE STORAGE AREA 1
 DELINGHA SSM SITE 4 PROB
 DELINGHA SSM SITE 3 PROB
 DELINGHA SSM RADCOM STATION BUNKER HARD PROB
 DELINGHA SSM REGIMENTAL HQ CP BUNKER PROB
 DELINGHA SSM SITE 1
 DELINGHA SSM SITE 2 PROB

372647N 0971537E
 372943N 0970326E
 372925N 0971622E
 372726N 0972348E
 372640N 0971321E
 373358N 0964952E
 372940N 0972056E

CH S088849
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PISHAN MISSILE INSTRUMENTATION SITE

373321N 0780640E

CH S088636

TOP SECRET CHESS RUFF

25X1
 25X1

TOP SECRET CHESS RUFF

25X1

WAC/BE

SUBJECT

IDHS CODE

COORD

COUN

ACCN NO.

PISHAN MISSILE INSTRUMENTATION SITE 2
 PISHAN RADCOM TRANSMITTER STATION
 PISHAN MISSILE IMPACT AREA

374811N 0774411E
 373343N 0780919E
 373800N 0781900E

CH
 CH
 CH

225X1

KARATAG RELOCATION COMPLEX CIV DEF HQ TADZHIK

383559N 0681950E

UR S088958

TALQAN MILITARY BIVOUAC AREA MRR SOV IDENT

364255N 0692737E

AF S089477

TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL
 TERMEZ ARMY BKS AL1 + HQ MRD TWIN PLATE DPL

371323N 0671555E
 371323N 0671555E

UR S089291
 UR

TERMEZ ARMY BARRACKS AL1/HQ MRD INSTL VACATED

371323N 0671555E

UR S089215

KOKAYTY AIRFIELD ACTIVITY INCREASE

373724N 0673100E

UR S089214

KOKAYTY AIRFIELD ACTIVITY INCREASE

373724N 0673100E

UR S089216

KUNDUZ AIRFIELD MRR SOVIET/AIR O/B INCR IDENT

363938N 0685433E

AF S089289

MARY AIRFIELD NE AW RADAR FACILITY
 MARY AIRFIELD GCA SITE

373638N 0615335E
 373714N 0615349E

UR S089100
 UR

TAKHTA BAZAR ARMY BARRACKS WEST AL1 MIL ACT

360330N 0624300E

UR S089224

MARY AAM SUPPORT FACILITY NE
 MARY AIRFIELD NE

373622N 0615336E
 373709N 0615342E

UR S089100
 UR

KARSHI/KHANABAD AIRFIELD BREWER YAK-28 INCR

385003N 0655518E

UR S089218

MARY AIRFIELD NORTH FITTER DEPLOYMENT

373955N 0614938E

UR S089227

GEOK TEPE CIVIL DEF HQ/RCLR CPLX/BKR TURKMEN
 GEOK TEPE CIVIL DEF HQ/RCLR CPLX/BKR TURKMEN

380840N 0575536E
 380840N 0575536E

UR S088958
 UR

UM DONG MUNITIONS PLANT

391350N 1260910E

KN S089301

SAMDONG NI ARMORED VEHICLE REPAIR PLANT

392045N 1260939E

KN S088468

SINANJU MUNITIONS PLANT

393400N 1253940E

KN S089301

SHIJINGSHAN IRON + STEEL PLANT

395443N 1160914E

CH S088979

BEIJING ATOMIC ENERGY INSTITUTE

394424N 1160207E

CH S088955

77

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	CHANGHSINTIEN ARMORED VEHICLE PLANT 618		394840N 1161040E	CH	S089182
	JIANGGEZHUANG NAVAL FACILITY NORTH R/W SS DPL		360639N 1203353E	CH	S089290
	JIANGGEZHUANG SUBMARINE BASE PUG HAN SSN DPL		360625N 1203513E	CH	
	TAIYUAN IRON + STEEL PLANT		375502N 1123247E	CH	S088970
	TUOLI SAM STORAGE DEPOT U/G		395000N 1154940E	CH	S089101
	WUZHAI MTC SSM R+D TEST SITE D SVC PLATFORMS		385052N 1113632E	CH	S088858
	WUZHAI MTC CSS-2 ACTIVITY		384950N 1113620E	CH	S089167
	XIFENGZHEN HF/DF FACILITY ANTENNA NEW		354505N 1073820E	CH	S088657
	JIUMENGJIN SSM TECH TRNG FAC LNCH PAD B MODIF		344817N 1124023E	CH	S089207
	OKBA IBN NAFA AIRFIELD FOXBAT B/D IDENTIFIED		325346N 0131632E	LY	S089452
	LABRAQ AIRFIELD FLOGGER MIG-23 IDENTIFIED		324739N 0215750E	LY	S089457
	JAYRUD ARMOR STORAGE AREA TANK INCREASE		334930N 0364330E	SY	S089287
	TEHRAN US EMBASSY CIVIL DEMONSTRATIONS		354215N 0512530E	IR	S089066
	SHINDAND MILITARY DPL AREA CHEM DEF BN SOVIET		332557N 0621556E	AF	S089455
	TAKHTA BAZAR MILITARY BIVOUAC TANK REGT IDENT		355805N 0623800E	UR	S089482
	KUSHKA ARMY BKS AL1 + HQ MRD MIL ACT UNUSUAL		351631N 0622020E	UR	S089221
	HERAT AIRFIELD MOTOR TRANSPORT UNIT DEPARTURE		341221N 0621347E	AF	S089483
	HERAT AIRFIELD MRR BTR-60PB EQUIPPED		341221N 0621347E	AF	S089484
	HERAT AIRFIELD MRR BTR-60PB EQUIPPED		341221N 0621347E	AF	
	WAH HIGH EXPLOSIVES R+D FACILITY IDENT		334802N 0724602E	PK	S088742
	GHAZNI ARMY BARRACKS + HQ REGT TK BN VACATED		333330N 0682550E	AF	S089284
	KHOWST ARMY BARRACKS/DIV REGT/HQ BN CONVOY		332000N 0695457E	AF	S089219
	KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED		343450N 0691250E	AF	S089295

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KABUL AIRFIELD INTL ABRN/TK REGT SOV VACATED
 BAGRAM AIRFIELD AIRBORNE BATTALION SOVIET
 BAGRAM AIRFIELD TWIN PLATE DEPLOYMENT SOV
 KABUL COMPLEX TANK BATTALION DEPLOYED IDENT

343450N 0691250E AF
 345700N 0691602E AF S089217
 345700N 0691602E AF S089291
 343045N 0691000E AF S089478

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KANDAHAR AIRFIELD INTERNATIONAL ACTIVITY INCR
 GHURDABIYAH AIRFIELD AIR O/B INCR/CONST NEW
 SURT AIRFIELD CONSTRUCTION PROGRESS
 WUXING MISSILE PROPULSION R+D CENTER
 MAANSHAN IRON + STEEL PLANT
 WUHAN IRON + STEEL PLANT
 SUNGLIN MTC SPACE LAUNCH SITE A
 NACHI HEAVY WATER PLANT
 TATUKOU IRON + STEEL PLANT
 DIANWEI MTC ABM ACTIVITY POSS
 RAS AT TANNURAH PETROLEUM REFINERY REPAIRS
 BANDAR ABBAS AIRFIELD INTL AAA SITE CF
 BANDAR ABBAS AIRFIELD INTL AAA SITE CF
 SANTIAGO DE CUBA DF FACILITY
 GUANTANAMO DF FACILITY
 LA HABANA AIRBORNE TRAINING FACILITY BILTMORE
 SANTA FE DF FACILITY

313025N 0655051E AF S089285
 310334N 0163549E LY S089456
 310334N 0163549E LY S089176
 304450N 1200135E CH S089304
 314336N 1182920E CH S088979
 303734N 1142627E CH
 281455N 1020122E CH S088854
 284351N 1051523E CH S088988
 263440N 1014130E CH S088979
 255520N 1024928E CH S088953
 264148N 0500555E SA S088966
 271335N 0562238E IR S089232
 271335N 0562238E IR
 200012N 0754616W CU S089487
 200857N 0751042W CU
 230511N 0822845W CU S089103
 230410N 0823045W CU S089487

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
	SANCTI SPIRITUS DF FACILITY		215755N 0792610W	CU	
	GUANABO MILITARY CAMP EAST		231008N 0820511W	CU	S089103
	EL GABRIEL HF COMMUNICATIONS CENTER U/C NEW SANTIAGO DE LAS VEGAS HF RADCOM STATION U/C		224900N 0822600W 225830N 0822025W	CU	S089046
	LOURDES SIGINT COMPLEX CENTRAL		225920N 0822803W	CU	S089487
	LA HABANA MILITARY CAMP SE 1		230014N 0821839W	CU	S089103
	LA HABANA SA-2 SITE COJIMAR A13		230908N 0821718W	CU	S089487
	BEJUCAL RADCOM STATION SOUTH POINT-TO-POINT		225646N 0822148W	CU	
	TAPASTE COMSAT STATION		230212N 0820441W	CU	S089303
	PLAYA BARACOA AIRFIELD		230156N 0823448W	CU	S089103
	SAN PEDRO HIGHWAY LANDING STRIP CONST NEW		225843N 0822815W	CU	S088968
	LA FE DF FACILITY PROB		220248N 0841602W	CU	S089487
	YAIHSIEN CRUISE MISSILE SUPPORT FACILITY		181627N 1093000E	CH	S089598
	YAICHENG COASTAL DEFENSE CRUISE MISSILE SITE		181811N 1091045E	CH	
	YULIN ARMY BARRACKS AL3		182052N 1093427E	CH	
	CAIMANERA ECM SITE PROB		195936N 0751114W	CU	S089487
	WATTHANA NAKHON MILITARY CAMP MIL BUILD-UP		134604N 1021618E	TH	S089288
	SURABAJA NAVAL BASE FRIGATE NEW DUTCH		071209S 1124420E	ID	S089065
	LUENA AIRFIELD MILITARY INSTALLATION		114510S 0195100E	AO	S088664
	LUENA AIRFIELD MILITARY INSTALLATION		114510S 0195100E	AO	
	BOMA MILITARY TRAINING FACILITY		114820S 0200750E	AO	
	LOBITO ARMY BARRACKS SOUTH		122220S 0133325E	AO	S089148
	LOBITO AIRFIELD		122214S 0133223E	AO	
	BIE MILITARY INSTALLATION		122440S 0165650E	AO	
	HUAMBO MILITARY INSTALLATION		124710S 0154340E	AO	
	HUAMBO ARMY BARRACKS		124813S 0154330E	AO	
	HUAMBO AIRFIELD		124820S 0154526E	AO	

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WAC/BE	SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
	PORT LOUIS PORT FACILITIES	[Redacted]	200922S 0572937E	MP	S089306
	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

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PART VI

Listing of Reports by Accession Number

Declassified in Part - Sanitized Copy Approved for Release 2011/11/09 : CIA-RDP80T00913A000100810001-9

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DIADA BIIR RDA11-0010-79 JAN 80 SEC CLASS: 14D MSN: 0006P ACCN: S08846825X1

SAMDONG NI ARMORED VEHICLE REPAIR PLANT KN 392045N 1260939E
WAC NO : BE/OBJ NO: NPIC NO : - 76-C2 25X1
IDHS CODE: EPF CAT : 35F COMIREX NO: 25X1

DOCUMENT TITLE: NEW GROUND UNITS AT SUMBER SUMA

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF SAMDONG-NI ARMORED VEHICLE REPAIR PLANT, LOCATED 10.0 NM SOUTHEAST OF SUNCHON AND 30.0 NM NORTHEAST OF PYONGYANG IN NORTH KOREA. IN ADDITION TO THE REPAIR FUNCTION, THE PLANT ALSO INCLUDES FACILITIES FOR THE PRODUCTION OF ARMORED VEHICLES. IT OCCUPIES APPROXIMATELY 75 HECTARES AND INCLUDES 120 BUILDINGS WITH 61,670 SQUARE METERS OF ROOF COVER. OF THESE, SEVEN ARE MAJOR PRODUCTION/REPAIR BUILDINGS WITH 18,821 SQUARE METERS OF ROOF COVER. THE INSTALLATION HAS BEEN DIVIDED INTO FOUR FUNCTIONAL AREAS: HOUSING/SUPPORT, PRODUCTION/REPAIR, STORAGE AND SUPPORT.

THE INFORMATION INCLUDES A MAP, THREE ANNOTATED PHOTOGRAPHS, AND TABLES. A REFERENCE DATA LIST FURNISHES IMAGERY AND MAP SOURCES. A NATIONAL BASIC REFERENCE GRAPHIC (NBRG) IS INCLUDED.

AF FB PAR 662-79 11 SEP 79 SEC CLASS: 13 MSN: 0020P ACCN: S0885025X1

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

DOCUMENT TITLE: TYPE IIIG SILO CONSTRUCTION ANALYSIS UPDATE - 1979 (U)
THIS REPORT SUPERSEDES PAR 78-522. DRAWINGS 79D3508 AND 79E1515 GENERATED AS GRAPHIC SUPPLEMENTS TO THIS REPORT SUPERSEDE DRAWING 77E1519. DRAWING 77D3504/2 SHOULD BE USED AS A SUPPLEMENT TO THIS REPORT AND ITS ASSOCIATED DRAWINGS.

AF FB PAR 614-79 13 AUG 79 SEC CLASS: 13 MSN: 0008P ACCN: S0885325X1

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MISSILES, ROCKET ENGINE TEST FACILITIES COMPS	UR	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 40E	COMIREX NO:
SEMIPALATINSK NWPg PNUTS FACILITY	UR	501101N 0782217E
WAC NO :	BE/OBJ NO:	NPIC NO : - 33-H
IDHS CODE:	EPF CAT : 55A	COMIREX NO:
SEMIPALATINSK NWPg LIQUID HYDROGEN PLANT	UR	504435N 0605602E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 55A	COMIREX NO:
SEMIPALATINSK NWPg LIQUID HYDROGEN PLANT	UR	504435N 0605602E
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY	UR	580930N 0605602E
WAC NO :	BE/OBJ NO:	NPIC NO : - 29-F
IDHS CODE:	EPF CAT : 40E	COMIREX NO:

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DOCUMENT TITLE: SEMIPALATINSK NWPg/NIZHNYAYA SALDA RETF COMPARISONS (TSR)

THIS REPORT PRESENTS THE STATUS OF CONSTRUCTION OF THE LIQUID HYDROGEN PRODUCTION PLANT LOCATED AT NIZHNYAYA SALDA ROCKET ENGINE TEST FACILITY AND A COMPARISON OF THAT PLANT WITH A SIMILAR PLANT LOCATED IN THE MAIN SUPPORT COMPLEX OF THE SEMIPALATINSK [REDACTED] A COMPARISON OF THE VENT/FLARE STACK ARRAY AT NIZHNYAYA SALDA RETF WITH THE VENT/FLARE STACK ARRAY AT SEMIPALATINSK NWPg-PNUTS OPERATIONS AREA; A COMPARISON OF SPECIFIED TRENCHING/PIPING AT NIZHNYAYA SALDA RETF AND AT SEMIPALATINSK NWPg-PNUTS OPERATIONS AREA; AND A COMPARISON OF THE POWER AVAILABLE TO THE PLANT AT SEMIPALATINSK [REDACTED] AND TO THE PLANT AT NIZHNYAYA SALDA RETF.

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FOR ADDITIONAL REFERENCES SEE PAR'S 79-613, 75-646, AND 75-573 AND DRAWINGS 79D6546, 79D6601, 79B1503, 76E6615, 76E6633, 75D6517, 75D6536, 75D6537 AND 75D3506.*

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CIACS INFR IS10157J-79 25 SEP 79 [redacted] SEC CLASS: 25 X MSN: 0012P ACCN: S088664 25X1

LUENA MILITARY INSTALLATION SOUTH	AO 1146 S 01952 E	
WAC NO : 1056	BE/OBJ NO:	NPIC NO : -
IDHS CODE: [redacted]	EPF CAT : 35A	COMIREX NO:
LUENA MILITARY INSTALLATION WEST	AO 1146 S 01952 E	25X1
WAC NO : 1056	BE/OBJ NO:	NPIC NO : -
IDHS CODE: [redacted]	EPF CAT : 35A	COMIREX NO:
LUENA MILITARY STORAGE AREA	AO 1146 S 01951 E	25X1
WAC NO : 1056	BE/OBJ NO:	NPIC NO : -
IDHS CODE: [redacted]	EPF CAT : 35F	COMIREX NO:
SAURIMO MILITARY INSTALLATION	AO 0942 S 02026 E	25X1
WAC NO : 1056	BE/OBJ NO:	NPIC NO : -
IDHS CODE: [redacted]	EPF CAT : 35A	COMIREX NO:
BOMA MILITARY TRAINING FACILITY	AO 114820S 0200750E	25X1
WAC NO :	BE/OBJ NO: [redacted]	NPIC NO : - 30
IDHS CODE: [redacted]	EPF CAT : 35B	COMIREX NO: [redacted]
LUENA ARMY BARRACKS + HEADQUARTERS	AO 1147 N 01953 E	25X1 ZSA1
WAC NO : 1056	BE/OBJ NO:	NPIC NO : -
IDHS CODE: [redacted]	EPF CAT : 35A	COMIREX NO:
LUENA AIRFIELD MILITARY INSTALLATION	AO 114510S 0195100E	25X1
WAC NO :	BE/OBJ NO: [redacted]	NPIC NO : - 1-C
IDHS CODE: [redacted]	EPF CAT : 05A	COMIREX NO:
LUENA AIRFIELD MILITARY INSTALLATION	AO 114510S 0195100E	25X1
WAC NO :	BE/OBJ NO: [redacted]	NPIC NO : - 1-C
IDHS CODE: [redacted]	EPF CAT : 35A	COMIREX NO:
MILITARY, ACTIVITY CUBAN	AO	25X1 ZSA1
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35	COMIREX NO:
MILITARY, GROUND FORCES ACTIVITY SUMMARY MR 3	AO	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35	COMIREX NO:

DOCUMENT TITLE: GROUND FORCES ACTIVITY IN ANGOLA'S MILITARY REGION 3 (S/NF)
IN NORTHEASTERN ANGOLA'S MILITARY REGION 3, OIA SAW MAJOR MILITARY INSTALLATIONS ONLY AT LUENA, BOMA,
AND SAURIMO. EVIDENCE OF CUBAN INVOLVEMENT WAS SEEN IN ALL THREE AREAS.
ALTHOUGH OIA SAW NO INSTALLATIONS OR TROOP CONCENTRATIONS OF THE NATIONAL UNION FOR THE TOTAL

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INDEPENDENCE OF ANGOLA (UNITA), OIA SAW THE RESULTS OF UNITA MILITARY ACTIVITY, INCLUDING DAMAGED MILITARY INSTALLATIONS AND INTERDICTIONS OF THE BENGUELA RAILROAD. OIA REPORTS A DECREASE IN ACTIVITY BY KATANGAN REBELS IN ANGOLA SINCE MAY 1978.

CIACS INFR IS10177K-79 18 OCT 79 [] SEC CLASS: 14 MSN: 0006P ACCN: 5088665 25X1

MILITARY, EGYPT-LIBYA BORDER MILITARY ACT EG
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:
MILITARY, LIBYA-EGYPT BORDER MILITARY ACT LY
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:

DOCUMENT TITLE: STATUS OF LIBYAN MILITARY FORCES IN EASTERN BORDER REGION--MARCH THROUGH AUGUST 1979 (S)

SINCE EARLY 1979, THE LIBYANS HAVE CONTINUED TO STRENGTHEN THEIR MILITARY DEFENSES ALONG THEIR BORDER WITH EGYPT. THEY HAVE DEPLOYED ADDITIONAL INFANTRY AND ARMORED GROUND FORCE UNITS AND EARLY WARNING RADAR AND SURFACE TO AIR MISSILE UNITS INTO THE AREA. THE MAJOR ELEMENTS OF THREE MIG-21 FISHBED SQUADRONS HAVE ALSO BEEN DEPLOYED TO AIRFIELDS IN EASTERN LIBYA. IN ADDITION, NEW ANTITANK OBSTACLES, PERSONNEL TRENCHES, AND ANTITANK WEAPONS POSITIONS HAVE BEEN OR ARE BEING CONSTRUCTED. TO DATE, NO SURFACE-TO-SURFACE TACTICAL MISSILE UNITS HAVE BEEN SEEN DEPLOYED IN THE NORTHEASTERN BORDER AREA.

AF FB PAR 617-79 13 SEP 79 [] SEC CLASS: 13 MSN: 0002P ACCN: 5088695 25X1

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

DOCUMENT TITLE: MOSKVA MSL/SPC DVL CTR KG 88-NII 88-FUEL BLENDING FAC (TSR)
DRAWING 79C4527 SUPPLEMENTS THIS REPORT AND PAR 79-623 AND PAR 79-578 WITH DRAWING 79E6525 PROVIDE ADDITIONAL INFORMATION.*

AF FB PAR 675-79 13 SEP 79 [] SEC CLASS: 13 MSN: 0002P ACCN: 5088696 25X1

ELECTRONICS, GUIDANCE FACs ICBM TYPE 3F SITES UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25C COMIREX NO:

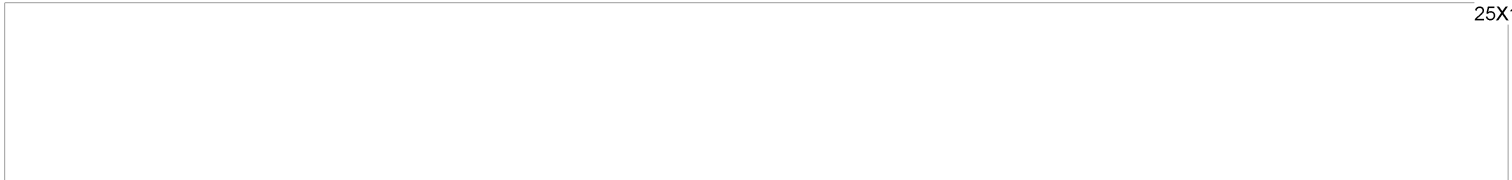
DOCUMENT TITLE: IIIF GUIDANCE RELATED ELECTRONICS - UPDATE (U)
THIS REPORT UPDATES PARS 78-720 AND 76-670.*

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AF FB PAR 7-79 06 JUL 79 SEC CLASS: 07 MSN: 0003P ACCN: S088737

RAMENSKOYE AIRFIELD AIRCRAFT NEW/MODIFIED UR 5534 N 03807 E
WAC NO : 0167 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05A COMIREX NO:

25X1

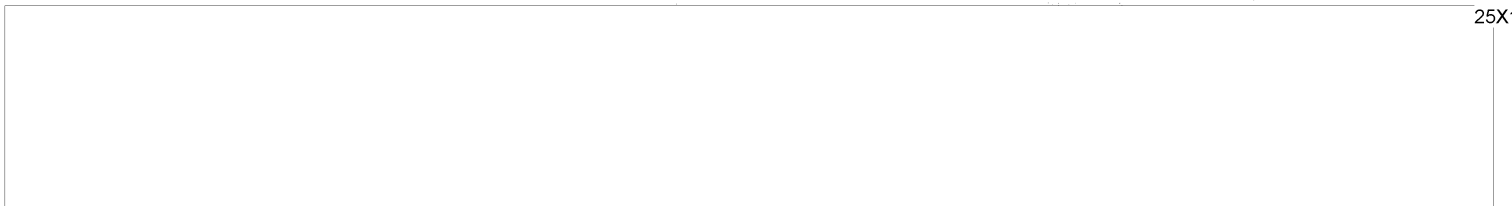
DOCUMENT TITLE: RAMENSKOYE PANORAMA ANALYSIS (C)
ANALYSIS OF PANORAMIC COVERAGE OF RAMENSKOYE AIRFIELD WAS MADE TO IDENTIFY ANY NEW OR
MODIFIED AIRCRAFT.*

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AF FB ENDR E1016-79 25 SEP 79 SEC CLASS: 04 MSN: 0001P ACCN: S088738

AIRCRAFT, FITTER G UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05D COMIREX NO:

DOCUMENT TITLE: FITTER G (U)
THIS DRAWING SUPPLEMENTS DRAWING 77E1011.*



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CIACS INFR IS10175K-79 12 OCT 79 SEC CLASS: 13 MSN: 0005P ACCN: S088740 25X1

SEVERODVINSK SHIPYARD 402 P CL SS6N REFIT/RPR UR 643438N 0394832E

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WAC NO : BE/OBJ NO: NPIC NO : - 7-A
IDHS CODE: EPF CAT : 75E COMIREX NO:

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DOCUMENT TITLE: P-CLASS SSGN APPEARS TO BE UNDERGOING NORMAL REFIT AND REPAIR AT SEVERODVINSK (S) THE SINGLE P-CLASS NUCLEAR-POWERED CRUISE MISSILE SUBMARINE (SSGN) HAS BEEN UNDERGOING REFIT AND REPAIR AT THE SEVERODVINSK COMPLEX SINCE JANUARY 1979. ALTHOUGH THE SUBMARINE ARRIVED AT SEVERODVINSK SHIPYARD 402 IN JANUARY 1978, LACK OF ADEQUATE BERTHING SPACE MAY HAVE POSTPONED THE INITIATION OF THE REFIT AND REPAIR PROCESS FOR TWELVE MONTHS. IT APPEARS THAT THE SUBMARINE'S WEAPONS AND PROPULSION SYSTEMS ARE NOT BEING MODIFIED.

CIACS INFR IS10171K-79 10 OCT 79 SEC CLASS: 14 X MSN: 0004P ACCN: S088742 25X1

WAH HIGH EXPLOSIVES R+D FACILITY IDENT PK 334802N 0724602E
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35G COMIREX NO:

25X1
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DOCUMENT TITLE: HIGH EXPLOSIVES RESEARCH, DEVELOPMENT, AND TEST FACILITY IDENTIFIED AT WAH ARSENAL, PAKISTAN WHAT APPEARS TO BE A HIGH EXPLOSIVES RESEARCH, DEVELOPMENT AND TEST FACILITY (HE, RD, RD+T) IS IN THE LATE STAGES OF CONSTRUCTION NEAR THE WAH ARSENAL--PAKISTAN'S LARGEST EXPLOSIVES AND AMMUNITION PRODUCTION PLANT.

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CIACS INFR IS10169K-79 22 OCT 79 SEC CLASS: 13 MSN: 0008P ACCN: S088743 25X1

ELECTRONICS, AN-EL-01 PLANAR APERTURE RADAR UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25A COMIREX NO:

DOCUMENT TITLE: DEVELOPMENT OF THE AN-EL-01 RADAR (TSR) THE SOVIET UNION IS CURRENTLY TESTING A NEW PLANAR APERTURE RADAR DESIGNATED AN-EL-01. THE CONFIGURATION OF THE ANTENNA, ITS PLACEMENT ON A TOWER AND ITS LOCATION AT KAPUSTIN YAR IN AN AREA PREVIOUSLY ASSOCIATED WITH THE TESTING OF LOW ALTITUDE ACQUISITION RADAR SUGGEST THAT ITS ROLE WILL BE AS A LOW ALTITUDE ACQUISITION RADAR. THE AN-EL-01 WAS FIRST OBSERVED IN FEBRUARY 1975 AT ANDREYEVO RADAR R+D TEST FACILITY WHERE THE RADAR WAS DEVELOPED. IN THE LATE SPRING OF 1979 THE RADAR WAS MOVED TO KAPUSTIN YAR ELECTRONICS RELATED FACILITY, AREA B FOR FURTHER TESTS. THE PLANAR ANTENNA HAS A WIDE BY TALL APERTURE AND POSSIBLY HAS AN IFF CAPABILITY. IT IS MOUNTED ON A 25-METER TALL TRANSPORTABLE ELECTRONICS TOWER (TET) PREVIOUSLY ASSOCIATED WITH THE SA-X-10 MISSILE SYSTEM. THERE IS EVIDENCE INDICATING A POSSIBLE RELATIONSHIP BETWEEN THE AN-EL-01 AND THE 1067Z SIGNAL THAT HAS BEEN GEOPositionED TO THE ANDREYEVO AREA.

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NPCCA IAR IAR0023-79 OCT 79 SEC CLASS: 14B MSN: 0005P ACCN: S08881825X1

MISSILES, SS-4/SS-5 FORCE CONSOLIDATION PROB UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40B COMIREX NO:

DOCUMENT TITLE: CURRENT STATUS OF SOVIET SS-4/-5 MRBM/IRBM PROBABLE FORCE CONSOLIDATION (TSR)
THIS REPORT IS AN UPDATE OF A PREVIOUS NPIC REPORT ON THE APPARENT FORCE CONSOLIDATION OF THE SS-4/-5 MRBM/IRBM MISSILE SYSTEM(S). ANALYSIS OF ACTIVITY SEEN AT SEVERAL SS-4/-5 FACILITIES, PRIMARILY THE SS-4 LAUNCH SITES INDEPENDENT OF THE SS-5 FACILITIES, SUGGESTS THAT THERE WILL BE A DECREASE IN THE NUMBER OF LAUNCH SITES WHILE THE SAME APPROXIMATE NUMBER OF LAUNCHERS WILL BE MAINTAINED. THIS WILL PROBABLY BE ACCOMPLISHED BY TRANSFERRING LAUNCH-RELATED EQUIPMENT FROM DEACTIVATED FACILITIES TO OPERATIONAL LAUNCH SITES.

SIGNIFICANT ACTIVITY SEEN AT THE SS-4/-5 MRBM/IRBM-RELATED FACILITIES DURING THE PERIOD FROM JANUARY-SEPTEMBER 1979 INCLUDE THE CONSTRUCTION OF 15 MISSILE-READY BUILDINGS, AN INCREASE OF 63 SS-5/-7 PROPELLANT TRANSPORTERS AT SS-4 LAUNCH SITES, THE CONSTRUCTION OF SEVERAL DRIVE-THROUGH AND DRIVE-IN REVENEMENTS, THE CONSTRUCTION OF FOUR NEW POSSIBLE LAUNCH POSITIONS, AND THE APPARENT DISMANTLEMENT OF SS-5 MISSILES.

NPCCA PIR PIR062-79 OCT 79 SEC CLASS: 25D MSN: 0022P ACCN: S08882425X1

MILITARY, GROUND FORCES SINO-SOVIET BORDER UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:

DOCUMENT TITLE: SOVIET GROUND FORCES, SINO-SOVIET BORDER JANUARY 1977-DECEMBER 1978 (TSR)
THIS REPORT IS AN IMAGERY-DERIVED ANALYSIS COVERING MAJOR DEVELOPMENTS IN SOVIET GROUND FORCE UNITS ALONG THE SINO-SOVIET BORDER FROM JANUARY 1977 TO DECEMBER 1978. THE DEVELOPMENTS INCLUDE NEW UNIT DEPLOYMENTS, FORCES ENHANCEMENT, AND FORCE UPGRADING. THESE DEVELOPMENTS ARE DISCUSSED BY UNITS WITHIN THE MILITARY DISTRICTS. THE REPORT CONTAINS 15 PHOTOGRAPHS, 18 MAPS, AND A LINE DRAWING.

AF FB PAR 644-79 27 SEP 79 SEC CLASS: 13 MSN: 0023P ACCN: S08884925X1

DELINGHA SSM RADCOM STATION BUNKER HARD PROB CH 372726N 0972348E
WAC NO : BE/OBJ NO: NPIC NO : - 72-D 25X1
IDHS CODE: EPF CAT : 25D COMIREX NO: 25X1
DELINGHA SSM REGIMENTAL HQ CP BUNKER PROB CH 372640N 0971321E
WAC NO : BE/OBJ NO: NPIC NO : - 72-C1 25X1
IDHS CODE: EPF CAT : 25D COMIREX NO:
DELINGHA SSM CAVE STORAGE AREA 1 CH 372647N 0971537E
WAC NO : BE/OBJ NO: NPIC NO : - 72 25X1
IDHS CODE: EPF CAT : 40F COMIREX NO: 25X1

TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

DELINGHA SSM SITE 4 PROB

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40

CH 372943N 0970326E

NPIC NO : - 72-A
COMIREX NO: []

25X1
25X1

DELINGHA SSM SITE 3 PROB

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40

CH 372925N 0971622E

NPIC NO : - 72-C
COMIREX NO: []

25X1
25X1

DELINGHA SSM SITE 2 PROB

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40

CH 372940N 0972056E

NPIC NO : - 72-B
COMIREX NO: []

25X1
25X1

DELINGHA SSM SITE 1

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 40

CH 373358N 0964952E

NPIC NO : - 71
COMIREX NO: []

25X1
25X1

DOCUMENT TITLE: DELINGHA (TE-LING-HA) SSM FACILITIES - UPDATE 1 (U)

THIS REPORT UPDATES PAR 77-584 ON THE DELINGHA (TE-LING-HA) SSM FACILITIES EXCLUDING PARAGRAPH 1.C. (A ONE TIME COMPARATIVE ANALYSIS REGARDING SSM RELATED RAIL-SERVED CAVES DISPERSED THROUGHOUT THE PRC). THE REPORT INCLUDES THE MAJOR FEATURES OF THE LAUNCH SITES AND A CHRONOLOGY OF EACH LAUNCH SITE TO REPORT CONSTRUCTION ACTIVITY AND MISSILE-RELATED GROUND SUPPORT EQUIPMENT.

FOR ADDITIONAL REFERENCES SEE PAR'S 78-634, 79-531, AND 79-631 AND DRAWINGS 72E1510/5, 79D6556 AND 79D6561.*

AF FB PAR

666-79 10 OCT 79

SEC CLASS: 13 MSN:

0008P

ACCN: S088850 25X1

GALENKI ESV TRACKING/MOLNIYA FAC DISH ANT

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25C

UR 440130N 1314545E

NPIC NO : - 9-C
COMIREX NO: []

25X1
25X1

YEVPATORIYA DEEP SPACE TRKG FAC CTRL DISH ANT

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25C

UR 451125N 0331117E

NPIC NO : - 81-H3
COMIREX NO: []

25X1
25X1

MOSKVA/SUPONINO SPACE TRACKING FAC DISH ANT

WAC NO : []
IDHS CODE: []

BE/OBJ NO: []
EPF CAT : 25C

UR 555150N 0375726E

NPIC NO : - 46-N1
COMIREX NO: []

25X1
25X1

DOCUMENT TITLE: MOSCOW/SUPONINO, GALENKI, YEVPATORIYA LARGE DISH ANTENNAS (U)

THIS REPORT GIVES AN UPDATE AND ANALYSIS OF THE 64-METER DIAMETER PARABOLIC DISH ANTENNA AT THE MOSCOW/SUPONINO SPACE TRACKING FACILITY, THE 70-METER DIAMETER PARABOLIC DISH ANTENNA AT THE YEVPATORIYA DEEP SPACE TRACKING FACILITY CENTRAL, AND THE 70-METER PARABOLIC DISH ANTENNA (PRESENTLY UNDER CONSTRUCTION) AT THE GALENKI ESV TRACKING/MOLNIYA FACILITY. THIS REPORT SUPERCEDES PARAGRAPHS 2.A.(1)(B), 2.A.(2), 2.B.(1)(A), AND 2.B.(2) OF PAR 78-582.*

25X1

TOP SECRET CHESS RUFF

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25X1

TOP SECRET CHESS RUFF

25X1

WAC NO : [] BE/OBJ NO: [] NPIC NO : - 2-D1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1

DOCUMENT TITLE: SARY-SHAGAN R+D FAC 3 (U)

25X1

AF FB PAR 628-79 26 SEP 79 [] SEC CLASS: 13 MSN: 0012P ACCN: S088854 25X1

SUNGLIN MTC SPACE LAUNCH SITE A CH 281455N 1020122E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 87-C5
IDHS CODE: [] EPF CAT : 40H COMIREX NO: []

25X1
25X1

DOCUMENT TITLE: SONGLIN (SUNGLIN) SPACE LAUNCH COMPLEX - UPDATE 1 (U)
THIS PAR UPDATES PAR 78-624. IT INCLUDES A CHRONOLOGY OF SONGLIN (SUNG-LIN) SPACE LAUNCH COMPLEX,
INCLUDING FACILITY CONSTRUCTION AND MISSILE ACTIVITY. ALL PERTINENT TK IMAGERY THROUGH [] WAS
USED. ALSO REFERENCED IS PAR 77-722 AND DRAWINGS 79E6555 AND 79D4531.*

25X1

AF FB PAR 684-79 24 SEP 79 [] SEC CLASS: 13 MSN: 0002P ACCN: S088855 25X1

KOZELSK SSM COMPLEX ICBM TYPE 3G SITES GDNC UR 540734N 0352922E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 137
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
PERVOMAYSK SSM COMPLEX ICBM TYPE 3G GUIDANCE UR 481224N 0305416E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 44-C1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
DERAZHNYA SSM COMPLEX ICBM TYPE 3G SITES GDNC UR 491254N 0270818E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 113-A1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []
ELECTRONICS, GUIDANCE FACS ICBM TYPE 3G SITES UR
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

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

DOCUMENT TITLE: TYPE III ICBM LAUNCH SITES - GUIDANCE ASSESSMENT (U)

94
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1

TYPE 36 ICBM LAUNCH FACILITIES AT DERAZHNYA, KOZELSK AND PERVOMAYSK ICBM COMPLEXES WERE ANALYZED FOR THE PRESENCE OF RADIO GUIDANCE FACILITIES, AZIMUTH MARKERS OR OTHER GUIDANCE-RELATED FACILITIES. THIS REPORT UPDATES IN PART PARAGRAPHS 3.B, C, AND D OF PAR 78-715.*

AF FB PAR 677-79 24 SEP 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S088856 25X1

WUZHAI MTC SSM R+D TEST SITE D SVC PLATFORMS CH 385052N 1113632E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 77-61 25X1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1

DOCUMENT TITLE: SERVICE PLATFORMS, WUZHAI (WU-CHAI) SSM R/D/TST LAUNCH SITE D (TSR)
A DETERMINATION OF THE ELEVATIONS AND APERTURE SIZES FOR THE WORK PLATFORMS AFFIXED TO THE SERVICE TOWER AT WUZHAI (WU-CHAI) SSM R/D/TST LAUNCH SITE D IS PROVIDED IN THIS REPORT.
THIS REPORT SUPPLEMENTS PAR 77-722 AND IS KEYED TO DRAWING 77D4522.*

25X1

AF FB ENDR B4540-79 28 SEP 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S088862 25X1

AIRCRAFT, KASP A SUPPORT CRADLES UR
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 05B COMIREX NO: []

DOCUMENT TITLE: KASP-A SUPPORT CRADLES (TSR)
THIS DRAWING SUPPLEMENTS PARS 79-683 AND 76-530 AND DRAWING 74E1520 AND SUPERCEDES DRAWING 76B4509.*

25X1

95
TOP SECRET CHESS RUFF

25X1
25X1

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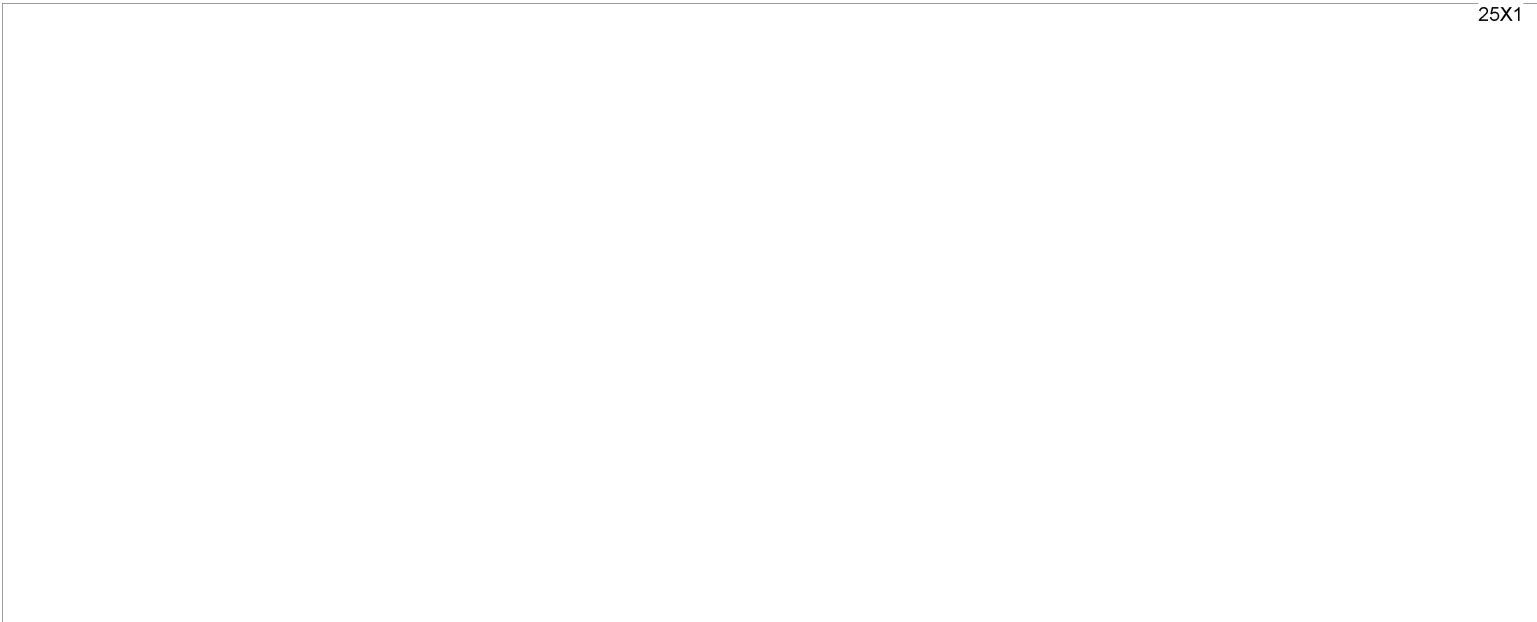
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TOP SECRET CHESS RUFF



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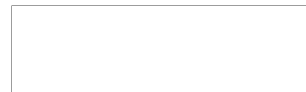
25X1

NPCCA IAR IAR0036-79 NOV 79  SEC CLASS: 25D MSN: 0014P ACCN: 5088902 ^{25X1}

MILITARY, GROUND FORCES ACT TRANSBAIKAL MD	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 35
MILITARY, GROUND FORCES ACTIVITY SOVIET	MG
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 35
	NPIC NO : -
	COMIREX NO:
	NPIC NO : -
	COMIREX NO:

DOCUMENT TITLE: SOVIET GROUND FORCES DEVELOPMENTS IN THE TRANSBAIKAL MILITARY DISTRICT AND MONGOLIA (SPRING - SUMMER 1979) (S)
A MAJOR REDEPLOYMENT OF SOVIET GROUND FORCES OCCURRED IN THE TRANSBAIKAL MILITARY DISTRICT (MD) AND

98
TOP SECRET CHESS RUFF



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25X1

TOP SECRET CHESS RUFF

25X1
225X1

MONGOLIA AT THE CONCLUSION OF A LARGE-SCALE EASTERN THEATER FORCES EXERCISE THAT TOOK PLACE IN THAT AREA IN MARCH 1979. ELEMENTS OF FIVE DIVISIONS (TWO FROM THE TRANSBAIKAL MD, ONE FROM THE SIBERIAN MD, AND TWO FROM MONGOLIA) WERE DEPLOYED TO MANDALGOVI, MONGOLIA, TO PARTICIPATE IN THAT EXERCISE. AT THE CONCLUSION OF THE EXERCISE, THREE OF THE FIVE DIVISIONS RETURNED TO THEIR HOME GARRISONS. MAJOR ELEMENTS OF THE MOTORIZED RIFLE DIVISIONS (MRDS) FROM THE TRANSBAIKAL MD, HOWEVER, REMAINED IN MONGOLIA AND WERE DEPLOYED TO NEW, APPARENTLY PERMANENT, INSTALLATIONS. THE VEHICLE PARKS - AT ULAN UDE MRD HEADQUARTERS/BARRACKS AL-1, ULAN UDE 9TH RVGK SIGNAL BRIGADE AL-3, AND SHELEKOV ARMY BARRACKS AL-1 - VACATED BY THESE TWO MRDS WERE SUBSEQUENTLY OCCUPIED BY THE EQUIPMENT OF TWO PROBABLY ACTIVATED SECOND-GENERATION (MOBILIZATION) DIVISIONS AND A PROBABLE UPPER-ECHELON HEADQUARTERS UNIT.

CIACS IAMR ISMR007J-79 OCT 79 SEC CLASS: 25 MSN: 0017P ACCN: S088953 25X1

INDUSTRY, IRON + STEEL PLANTS

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

INDUSTRY, ALUMINUM PLANTS STATUS

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

GENERAL, CIVIL DEFENSE URBAN SHELTER PROGRAM

WAC NO : BE/OBJ NO: CH
IDHS CODE: EPF CAT : 10A NPIC NO : -
COMIREX NO:

DIANWEI MTC ABM ACTIVITY POSS

WAC NO : BE/OBJ NO: CH 255520N 1024928E
IDHS CODE: EPF CAT : 40D NPIC NO : - 14
COMIREX NO:

MILITARY, 11TH ARMY KUNMING MILITARY REGION

WAC NO : 0496 BE/OBJ NO: CH
IDHS CODE: EPF CAT : 35 NPIC NO : -
COMIREX NO:

PHOTO, RECONNAISSANCE SATELLITE ACTIVITY

WAC NO : BE/OBJ NO: UR
IDHS CODE: EPF CAT : 65 NPIC NO : -
COMIREX NO:

GENERAL, GRAIN IMPORTS TRANSSHIPMENT PROBLEMS

WAC NO : BE/OBJ NO: UR
IDHS CODE: EPF CAT : 10D NPIC NO : -
COMIREX NO:

DROVYANAYA MOBILE IRBM BASE 1 PARK DRIVE

WAC NO : BE/OBJ NO: UR 512720N 1130404E
IDHS CODE: EPF CAT : 25C NPIC NO : - 53-A3
COMIREX NO:

DOCUMENT TITLE: IMAGERY ANALYSIS MONTHLY REVIEW SEPTEMBER 1979.

99
TOP SECRET CHESS RUFF

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25X1

TOP SECRET CHESS RUFF

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NPCCA IAR IAR0025-79 NOV 79 SEC CLASS: 25 MSN: 0017P

ACCN: 508895 25X1.1

GENERAL, CIVIL DEFENSE ALTERNATE HQ/COMD FACS	UR	
WAC NO :	BE/OBJ NO :	NPIC NO : -
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
ELECTRONICS, CIVIL DEF ALTERNATE HQ/COMD FACS	UR	
WAC NO :	BE/OBJ NO :	NPIC NO : -
IDHS CODE :	EPF CAT : 25D	COMIREX NO :
SOLNECHNOGORSK CIVIL DEFENSE HQ COMPLEX RSFSR	UR	560732N 0365151E
WAC NO :	BE/OBJ NO :	NPIC NO : - 57-6
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	553755N 0361813E
WAC NO :	BE/OBJ NO :	NPIC NO : - 122-P3
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
USTYE RADCOM RCVR STA/CIVIL DEF HQ CPLX HARD	UR	553755N 0361813E
WAC NO :	BE/OBJ NO :	NPIC NO : - 122-P3
IDHS CODE :	EPF CAT : 25D	COMIREX NO :
SIGULDA CIVIL DEF ALTERNATE HQ LATVIAN/BKR	UR	571006N 0245130E
WAC NO :	BE/OBJ NO :	NPIC NO : - 181-A2
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
VILNIUS/NEMENCINE CIVIL DEF HQ LITHUANIAN	UR	545020N 0252701E
WAC NO :	BE/OBJ NO :	NPIC NO : - 79-M6
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
KOSE CIVIL DEFENSE HQ RELOC CPLX ESTONIAN	UR	591011N 0251310E
WAC NO :	BE/OBJ NO :	NPIC NO : - 154-C
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
YEREVAN/NOR GEKHI CIVIL DEF HQ U/G ARMENIAN	UR	402159N 0443601E
WAC NO :	BE/OBJ NO :	NPIC NO : - 68-T2
IDHS CODE :	EPF CAT : 10A	COMIREX NO :
MINSK CIVIL DEFENSE HQ COMPLEX BELORUSSIAN	UR	540234N 0275055E
WAC NO :	BE/OBJ NO :	NPIC NO : - 47-B
IDHS CODE :	EPF CAT : 10A	COMIREX NO :

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1

PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	500428N 0312736E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 114-A
IDHS CODE:	EPF CAT : 10A	COMIREX NO:	
PEREYASLAV KHMELNITSKY CIVIL DEF COMMO CENTER	UR	500428N 0312736E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 114-A
IDHS CODE:	EPF CAT : 25D	COMIREX NO:	
TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	410216N 0691926E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 46-A1
IDHS CODE:	EPF CAT : 10A	COMIREX NO:	
TOY TEPA CIVIL DEFENSE HQ/RCVR COMPLEX UZBEK	UR	410216N 0691926E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 46-A1
IDHS CODE:	EPF CAT : 25D	COMIREX NO:	
FABRICHNYY RELOCATION CPLX CIV DEF HQ KAZAKH	UR	430910N 0762330E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 219-C
IDHS CODE:	EPF CAT : 10A	COMIREX NO:	
GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	380840N 0575536E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 31-B1
IDHS CODE:	EPF CAT : 10A	COMIREX NO:	
GEOK TEPE CIVIL DEF HQ/RCVR CPLX/BKR TURKMEN	UR	380840N 0575536E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 31-B1
IDHS CODE:	EPF CAT : 25D	COMIREX NO:	
DUBOSSARY GCC RELOCATION CPLX MOLDAVIAN/BKR	UR	471732N 0290517E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 106-B
IDHS CODE:	EPF CAT : 10A	COMIREX NO:	
KARATAG RELOCATION COMPLEX CIV DEF HQ TADZHIK	UR	383559N 0681950E	
WAC NO :	BE/OBJ NO:	NPIC NO :	- 28-A1
IDHS CODE:	EPF CAT : 10A	COMIREX NO:	

DOCUMENT TITLE: SOVIET CIVIL DEFENSE ALTERNATE HEADQUARTERS/COMMAND FACILITIES (S)

ON THE BASIS OF IMAGERY-DERIVED AND COLLATERAL INFORMATION, 13 SOVIET CIVIL DEFENSE ALTERNATE COMMAND POSTS HAVE BEEN IDENTIFIED IN THE USSR. THESE FACILITIES REPORTEDLY PROVIDE HARDENED RECOVERY CONTROL CENTERS FOR CIVIL DEFENSE OPERATIONS, AS WELL AS PROTECTION FOR SOME ELEMENTS OF THE GOVERNMENT LEADERSHIP IN THE EVENT OF NUCLEAR HOSTILITIES. TWO ALTERNATE NATIONAL-LEVEL CENTERS HAVE BEEN IDENTIFIED IN THE MOSCOW AREA, AND ALTERNATE REPUBLIC-LEVEL CENTERS HAVE BEEN IDENTIFIED IN THE LATVIAN, LITHUANIAN, ESTONIAN, ARMENIAN, BELORUSSIAN, UKRAINIAN, UZBEK, KAZAKH, TURKMEN, MOLDAVIAN, AND TADZHIK SOVIET SOCIALIST REPUBLICS (RSFSR). ALTERNATE COMMAND POSTS HAVE NOT YET BEEN IDENTIFIED IN THREE SSRS: KIRGIZ, AZERBAIJIAN, AND GEORGIAN. THE ALTERNATE COMMAND POST FOR THE RUSSIAN SOVIET FEDERATED SOCIALIST REPUBLIC (RSFSR) IS PROBABLY COLLOCATED WITH ONE OF THE TWO NATIONAL-LEVEL FACILITIES IN THE MOSCOW AREA.

WHILE THE FUNCTION AND GENERAL LOCATIONS OF THESE INSTALLATIONS WERE INITIALLY DETERMINED USING COLLATERAL INFORMATION, ANALYSIS OF THE IMAGERY HAS RESULTED IN THE IDENTIFICATION OF SOME PHYSICAL CHARACTERISTICS THAT CAN AID IN IDENTIFYING SIMILAR FACILITIES. IN GENERAL THESE FACILITIES ARE SITUATED IN RURAL AREAS ALONG A MAJOR ARTERIAL ROAD, OFTEN NEAR A BODY OF WATER, AND WITHIN 10 TO 25 NAUTICAL MILES (NM) OF A MAJOR GOVERNMENT/ADMINISTRATIVE CENTER. BECAUSE OF THEIR LOCATION, SECLUSION, SECURITY FENCES,

TOP SECRET CHESS RUFF

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25X1

PHYSICAL LAYOUT, AND IN SOME INSTANCES THE PRESENCE OF MULTISTORY APARTMENT BUILDINGS, THESE FACILITIES DIFFER DISTINCTLY FROM THE LOCAL CULTURAL PATTERNS. OTHER PHOTOGRAPHIC SIGNATURES INCLUDE THE PRESENCE OF A BUNKER OR AN UNDERGROUND SHELTER, MILITARY CIVIL DEFENSE UNIT IN THE VICINITY OR A CIVIL DEFENSE TROOP OBSTACLE COURSE AT THE INSTALLATION, AND COMMUNICATIONS ANTENNAS.

NPCCA BIIR RCA17-0003-79 NOV 79 [] SEC CLASS: 25C MSN: 0010P ACCN: S088962 25X1

FEODOSIYA ASW WEAPONS CHECKOUT FACILITY PROB UR 450022N 0352359E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 7-F2 25X1
IDHS CODE: [] EPF CAT : 75H COMIREX NO: [] 25X1
FEODOSIYA NAVAL MTC UR 445115N 0350805E
WAC NO : [] BE/OBJ NO: [] NPIC NO : - 65-A6 25X1
IDHS CODE: [] EPF CAT : 40G COMIREX NO: [] 25X1

DOCUMENT TITLE: FEODOSIYA PROBABLE ASW CHECKOUT FACILITY AND FEODOSIYA NAVAL MISSILE TEST FACILITY
THIS REPORT IS THE INITIAL BASIC REPORT ON FEODOSIYA PROBABLE ANTISUBMARINE WARFARE (ASW) CHECKOUT FACILITY, USSR, AND ALSO UPDATES A PREVIOUS NPIC REPORT, [] ON FEODOSIYA NAVAL MISSILE TEST FACILITY. 25X1

THE FEODOSIYA PROBABLE ASW CHECKOUT FACILITY IS THE ASSEMBLY AND CHECKOUT FACILITY FOR ASW WEAPON SYSTEMS. THE FACILITY HAS BEEN ASSOCIATED WITH THE SS-N-14, SS-N-15, SS-NX-16, AND PROBABLY THE SURFACE-TO-UNDERWATER LAUNCHER/FREE ROCKET ABOVE SURFACE (SUW-N-1/FRAS) MISSILE SYSTEMS. LAND-BASED LAUNCHES OF ASW SYSTEMS UNDERGOING TESTING OR MODIFICATION TAKE PLACE AT THE FEODOSIYA NAVAL MISSILE TEST FACILITY WHICH HAS BEEN INVOLVED WITH THE SS-N-14, SUW-N-1/FRAS, AND PROBABLE NEW ASW WEAPON SYSTEMS. ACTIVITIES AND DEVELOPMENTS AT THE FACILITIES INCLUDE SS-N-14 MISSILE-TRANSFER OPERATIONS, A LAND-BASED TEST OF THE SS-N-14, PROBABLE WORK ON THE SURFACE-TO-UNDERWATER LAUNCHER (SUW-N-1), THE ADDITION OF NEW ELECTRONICS EQUIPMENT, AND THE OBSERVANCE OF TWO [] CANISTERS. 25X1
THIS REPORT INCLUDES A LOCATION MAP, ONE TABLE, AND SIX ANNOTATED PHOTOGRAPHS.

CIACS INFR IS10181K-79 08 NOV 79 [] SEC CLASS: 14 MSN: 0008P ACCN: S088964 25X1

MILITARY, T-72 EXPORTS UR
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 35E COMIREX NO:
MILITARY, T-72 DELIVERIES SOVIET IZ
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 35E COMIREX NO:
MILITARY, T-72 DELIVERIES SOVIET LY
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 35E COMIREX NO:
MILITARY, T-72 DELIVERIES SOVIET AG
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 35E COMIREX NO:
MILITARY, T-72 DELIVERIES SOVIET SY

102
TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, T-72 DELIVERIES SOVIET		IN
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35E	COMIREX NO:

DOCUMENT TITLE: SOVIET EXPORT OF T-72 TANKS TO THIRD WORLD COUNTRIES (S)
 IN JUNE 1979, THE SOVIETS BEGAN EXPORTING T-72 TANKS TO THIRD WORLD COUNTRIES FROM NIKOLAYEV PORT FACILITIES SOUTH, THE MAJOR SOVIET EXPORT FACILITY FOR THIRD WORLD ARMS SHIPMENTS. TO DATE, THE RECEIPT OF A COMBINED TOTAL OF AT LEAST 228 T-72S HAVE BEEN CONFIRMED ON SATELLITE PHOTOGRAPHY IN IRAQ, LIBYA, ALGERIA, SYRIA, AND INDIA.

CIACS INFR IS10207K-79 23 NOV 79 SEC CLASS: 13 MSN: 0004P ACCN: S0889625X1

MILITARY, AAA UNITS UPGRADED	CH	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 35D	COMIREX NO:

DOCUMENT TITLE: CHINESE ANTI-AIRCRAFT ARTILLERY UNITS UPGRADED (S)
 THE CHINESE CONTINUE TO UPGRADE THE AIR DEFENSE CAPABILITY OF THEIR GROUND FORCES. ALREADY, THEY HAVE DOUBLED THE NUMBER OF ANTI-AIRCRAFT ARTILLERY GUNS IN MOST OF THEIR ANTI-AIRCRAFT ARTILLERY DIVISIONS AND ARMY-LEVEL ANTI-AIRCRAFT ARTILLERY REGIMENTS. RECENT PHOTOGRAPHY INDICATES THEY NOW ARE ADDING MORE ANTI-AIRCRAFT ARTILLERY GUNS TO THEIR INFANTRY DIVISIONS AND ARE INTRODUCING TOWED ANTI-AIRCRAFT ARTILLERY GUNS INTO INFANTRY REGIMENTS AND PONTON BRIDGE REGIMENTS. SO FAR, EIGHT INFANTRY DIVISIONS, AT LEAST 40 INFANTRY REGIMENTS, AND SIX OF CHINA'S 12 PONTON BRIDGE REGIMENTS HAVE BEEN UPGRADED WITH ANTI-AIRCRAFT ARTILLERY GUNS.

25X1

TOP SECRET CHESS RUFF

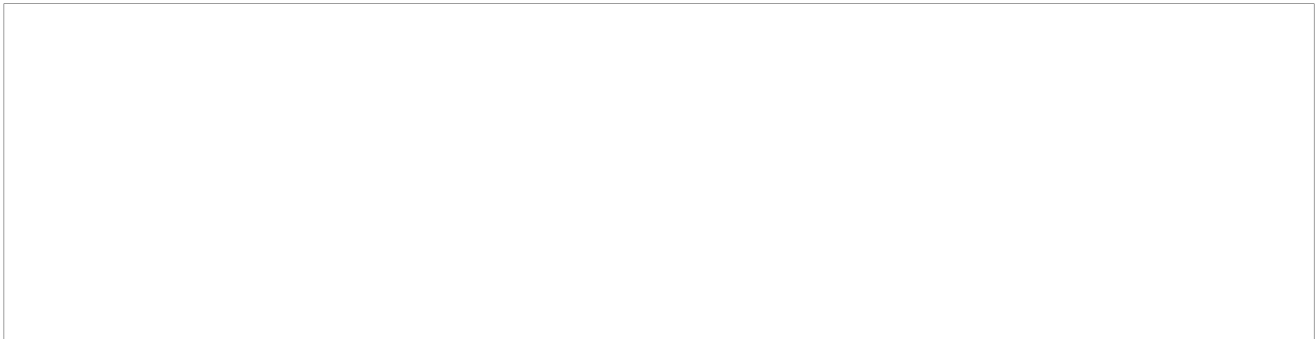
25X1
25X1



TOP SECRET CHESS RUFF



25X1
25X1



25X1

CIACS INFR IS10194K-79 06 NOV 79 [REDACTED] SEC CLASS: 13 MSN: 0003P ACCN: S088968-25X1

MILITARY, BRIGADE-SIZE UNIT SOVIET CU
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:
SAN PEDRO HIGHWAY LANDING STRIP CONST NEW CU 225843N 0822815W
WAC NO : BE/OBJ NO: NPIC NO : - 458-D
IDHS CODE: EPF CAT : 05A COMIREX NO: [REDACTED]

25X1
25X1

DOCUMENT TITLE: SOVIET BRIGADE ACTIVITY IN CUBA -- OCTOBER 1979 (S)
THE STATUS OF THE SOVIET BRIGADE GARRISONED AT SANTIAGO DE LAS VEGAS AND LOURDES REMAINS VIRTUALLY UNCHANGED SINCE IT WAS FIRST IDENTIFIED IN MID-AUGUST 1979. BOTH GARRISONS REMAIN OCCUPIED AND ACTIVE. IN-HOUSE PLATOON AND COMPANY TRAINING AND ROUTINE VEHICLE AND FACILITY MAINTENANCE CONTINUES. RECENT OBLIQUE PHOTOGRAPHS SHOWS THAT VEHICLES REMAIN PARKED IN SHEDS AND IN THEIR USUAL POSITIONS IN OPEN PARKING AREAS. IN GENERAL, HOWEVER, A MUCH LOWER OVERALL ACTIVITY LEVEL IS OBSERVED IN COMPARISON TO THAT SEEN IMMEDIATELY AFTER THE MID-AUGUST 1979 TRAINING EXERCISE. THIS MAY BE AN ATTEMPT BY THE SOVIETS TO ASSUME A LESS VISIBLE ROLE.
NEW CONSTRUCTION AND RENOVATION IS UNDERWAY AT THE SAN PEDRO HIGHWAY LANDING STRIP, LOCATED ABOUT 20 KILOMETERS SOUTHWEST OF HAVANA. ALTHOUGH THIS CONSTRUCTION CANNOT BE DIRECTLY ASSOCIATED WITH THE SOVIET BRIGADE, THE LANDING STRIP IS LOCATED ADJACENT TO THE LOURDES CENTRAL SIGINT COMPLEX WHERE ONE ELEMENT OF THE BRIGADE IS GARRISONED.

CIACS INFR IS10190K-79 08 NOV 79 [REDACTED] SEC CLASS: 14 MSN: 0006P ACCN: S088969-25X1

SHIPS, A CLASS SSN ACTIVITY MARCH 78-APRIL 79 UR
WAC NO : BE/OBJ NO: NPIC NO : -

104
TOP SECRET CHESS RUFF



25X1
25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: EPF CAT : 75D COMIREX NO:

DOCUMENT TITLE: SOVIET A-CLASS SSN ACTIVITY-MARCH 1978 THROUGH APRIL 1979 (S)
THREE OF THE FIVE A-CLASS NUCLEAR-POWERED ATTACK SUBMARINES (SSNs) BUILT BY THE SOVIETS HAVE COMPLETED OUTFITTING AND HAVE BEEN DEPLOYED TO A NORTHERN FLEET OPERATING BASE WHERE THEY APPEAR TO BE UNDERGOING EXTENDED TRIALS AND CREW TRAINING. AN A-CLASS SSN BUILT AT SUDOMEKH SHIPYARD IN LENINGRAD (A#2) HAS NOT PARTICIPATED IN THESE TRIALS AS ACTIVELY AS THE TWO A-CLASS BUILT AT SEVERODVINSK SHIPYARD 402 (A#3 AND A#4). IN ADDITION, OIA WAS ABLE TO DETERMINE THAT AT LEAST ONE OF THE TWO SEVERODVINSK-BUILT A'S (A#4) IS ABOUT 2 METERS LONGER THAN THE SUDOMEKH-BUILT A (A#2). IT WAS THIS LONGER A (A#4) THAT WAS ABSENT FROM THE OPERATING BASE WHEN AN A-CLASS SSN WAS DETECTED OPERATING IN EXCESS OF 40 KNOTS DURING HIGH-SPEED TRIALS IN LATE MARCH 1979.

25X1:5X1

25X1
25X1

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25X1

25X1
25X1

25X1
25X1

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25X1
25X1

105
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

IDHS CODE: EPF CAT : 40G COMIREX NO:

DOCUMENT TITLE: ESTIMATED DIMENSIONS OF THE SS-N-18 SUBMARINE-LAUNCHED BALLISTIC MISSILE (S)
THIS MEMORANDUM PRESENTS ANALYSIS WHICH ENABLES OIA TO ESTIMATE THAT THE SS-N-18 SUBMARINE-LAUNCHED
BALLISTIC MISSILE (SLBM) IS ABOUT [REDACTED] IN DIAMETER. UNLESS STATED
OTHERWISE, ALL MEASUREMENTS IN THIS MEMORANDUM WERE PERFORMED BY OIA USING THE BEST IMAGERY CURRENTLY
AVAILABLE AND CONSIDERED TO BE ACCURATE TO [REDACTED]

25X1

25X1

CIACS INFR IS10175J-79 09 NOV 79 [REDACTED] SEC CLASS: 25 MSN: [REDACTED] 0005P

ACCN: S088972

25X1

MISSILES, CSS-1 HYDROGEN PEROXIDE TRANS VEH CH
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO : -
IDHS CODE: [REDACTED] EPF CAT : 40B COMIREX NO:

DOCUMENT TITLE: PROBABLE HYDROGEN PEROXIDE TRANSPORTER VEHICLE ASSOCIATED WITH CHINESE CSS-1 FUELING OPERATIONS

A PREVIOUSLY UNIDENTIFIED VEHICLE THAT IS KNOWN TO BE ASSOCIATED WITH CSS-1 MEDIUM-RANGE BALLISTIC MISSILE (MRBM) FUELING OPERATIONS HAS BEEN IDENTIFIED AS A PROPELLANT TRANSPORTER, PROBABLY FOR CONCENTRATED HYDROGEN PEROXIDE. THIS VEHICLE IS ALSO BELIEVED TO PROVIDE A WASHDOWN CAPABILITY TO DECONTAMINATE EQUIPMENT THAT CONTACTS THE HYDROGEN PEROXIDE. HYDROGEN PEROXIDE IS BELIEVED TO POWER A GAS GENERATOR WHICH DRIVES THE PROPELLANT TURBO-PUMPS IN THE CSS-1. NO PROPELLANT TRANSPORTER OF THIS TYPE HAS BEEN SEEN ASSOCIATED WITH ANY CHINESE MISSILE EXCEPT THE CSS-1.

CIACS INFR IS10195J-79 16 NOV 79 [REDACTED] SEC CLASS: 25 MSN: [REDACTED] 0008P

ACCN: S088973

25X1

TAMBOV MISSILE SUPPORT REAR DEPOT SS-20 SUPT UR 522724N 0412754E
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO : - 31-D
IDHS CODE: [REDACTED] EPF CAT : 40B COMIREX NO: [REDACTED]

25X1

25X1

DOCUMENT TITLE: A PROBABLE SS-20 MOBILE IRBM SPECIALIZED MISSILE STORAGE AND MAINTENANCE FACILITY AT THE TAMBOV MISSILE SUPPORT REAR DEPOT

A NEW SOVIET SPECIALIZED MISSILE STORAGE AND MAINTENANCE FACILITY FOR SUPPORT OF A SOLID PROPELLANT MISSILE SYSTEM HAS BEEN UNDER CONSTRUCTION AT THE TAMBOV MISSILE SUPPORT REAR DEPOT (MSRD) SINCE THE SUMMER OF 1969. THIS FACILITY WAS APPARENTLY ORIGINALLY INTENDED FOR HANDLING OF THE SS-16 SYSTEM. THIS ASSESSMENT IS BASED ON THE DESIGN OF THE FACILITY AND ON THE CONSTRUCTION TIMING OF THE FACILITY IN RELATION TO THE RESEARCH AND DEVELOPMENT OF THE SS-16. HOWEVER, BECAUSE THE SOVIETS HAVE APPARENTLY CANCELLED THE SS-16 PROGRAM, OIA NOW BELIEVES THIS SPECIALIZED FACILITY WILL SERVE THE SS-20 MOBILE IRBM WHICH IS A DERIVATIVE OF THE SS-16.

CIACS INFR IS10200J-79 16 NOV 79 [REDACTED] SEC CLASS: 25 MSN: [REDACTED] 0006P

ACCN: S088974

25X1

OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC UR 525520N 0360132E
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO : - 65-B3

25X1

106
TOP SECRET CHESS RUFF

25X1

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: []	EPF CAT : 85A	COMIREX NO: []	25X1
OREL ROAD MACH + MSL EQUIP PLT SA-X-10 ASSOC	UR 525520N 0360132E	NPIC NO : - 65-B3	25X1
WAC NO : []	BE/OBJ NO: []	COMIREX NO: []	25X1
IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []	25X1
GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR 561936N 0435321E	NPIC NO : - 13-D	25X1
WAC NO : []	BE/OBJ NO: []	COMIREX NO: []	25X1
IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []	25X1
GORKIY ARMAMENTS PLANT 92 SA-X-10 PROD ASSOC	UR 561936N 0435321E	NPIC NO : - 13-D	25X1
WAC NO : []	BE/OBJ NO: []	COMIREX NO: []	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
MISSILES, SA-X-10 PRODUCTION SUPPORT FACs	UR	NPIC NO : -	
WAC NO : []	BE/OBJ NO: []	COMIREX NO: []	
IDHS CODE: []	EPF CAT : 40C	COMIREX NO: []	

DOCUMENT TITLE: PRODUCTION SUPPORT FOR SA-X-10 SURFACE-TO-AIR MISSILE (SAM) SYSTEM (TSR)
 BASED ON ANALYSIS OF AVAILABLE IMAGERY, IT APPEARS THAT THE PRODUCTION LEVEL OF MAJOR SA-X-10 COMPONENTS IS NOT SUFFICIENT TO SUPPORT AN EXTENSIVE INITIAL DEPLOYMENT OF THE SA-X-10, PARTICULARLY IF THIS SYSTEM BECOMES OPERATIONAL IN LATE 1979 OR EARLY 1980. EFFORTS TO EVALUATE THE ACTUAL LEVEL OF THE SA-X-10 COMPONENTS PRODUCTION WERE HAMPERED BY A LIMITED QUANTITY OF GOOD-QUALITY IMAGERY AND BY THE FACT THAT ALL THE PRODUCERS OF MAJOR SA-X-10 COMPONENTS ARE NOT KNOWN.
 IMPENDING DEPLOYMENT OF THE SA-X-10 HAS BEEN INDICATED BY INCREASED LEVELS OF TROOP TRAINING AND SYSTEM CHECKOUT ACTIVITY BETWEEN JANUARY 1978 AND MID-1979. THIS SURFACE-TO-AIR MISSILE SYSTEM APPEARS TO BE DESIGNED TO DEFEND AGAINST LOW-ALTITUDE, AIR-BREATHING THREATS AND MAY HAVE SOME LIMITED CAPABILITY TO DEFEND AGAINST SHORT-RANGE ATTACK MISSILES.

CIACS INFR IS10189K-79 06 NOV 79 [] SEC CLASS: 14 MSN: 0004P ACCN: S08897525X1

MISSILES, SA-X-10 DEPLOYMENT SEARCH UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : -
 IDHS CODE: [] EPF CAT : 40C COMIREX NO: []

DOCUMENT TITLE: SEARCH FOR EVIDENCE OF SA-X-10 DEPLOYMENT, USSR (TSR)
 A SEARCH WITHIN 50-NM OF LENINGRAD, MURMANSK, TALLINN AND VLADIVOSTOK REVEALED NO EVIDENCE THAT THE SOVIETS HAVE BEGUN TO DEPLOY THEIR LATEST SURFACE-TO-AIR MISSILE -- THE SA-X-10. IT HAS BEEN EXPECTED TO OCCUR SOON, INITIALLY AT LEAST, IN THOSE CRITICAL AREAS ALONG THE PERIPHERY OF THE SOVIET UNION.
 THE SA-X-10 SYSTEM APPEARS TO BE WELL-SUITED TO COUNTER LOW-ALTITUDE, AIR BREATHING THREATS SUCH AS CRUISE MISSILES, AND MAY ALSO HAVE A CAPABILITY AGAINST SHORT-RANGE ATTACK MISSILES (SRAM).

CIACS INFR IS10160K-79 09 NOV 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S08897625X1

AZGIR NUCLEAR TEST SITE U UR 475230N 0475255E
 WAC NO : [] BE/OBJ NO: [] NPIC NO : -
 IDHS CODE: [] EPF CAT : 55A COMIREX NO: [] 225X1

107
TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

DOCUMENT TITLE: ANALYSIS OF UNIDENTIFIED FACILITY UNDER CONSTRUCTION AT AZGIR NUCLEAR TEST SITE, USSR (S)

OIA HAS ANALYZED AN UNIDENTIFIED FACILITY WHICH IS UNDER CONSTRUCTION AT THE AZGIR NUCLEAR TEST SITE IN AN EFFORT TO DETERMINE ITS ULTIMATE USE. THE FACILITY IS LOCATED AT 47-52-30N 047-52-55E, FIVE AND A HALF KILOMETERS NORTH-NORTHWEST OF THE AZGIR SUPPORT BASE AND HAS BEEN DESIGNATED LOCATION U. THE FACILITY CONSISTS OF A THICK-WALLED CIRCULAR STRUCTURE WHICH IS UNDER CONSTRUCTION, AN UNIDENTIFIED RECTANGULAR BUILDING, AND SEVERAL FORMED-METAL PLATES PROBABLY INTENDED FOR THE CONSTRUCTION OF A SPHERICAL TANK. TWO CRANES AND A CONCRETE BATCH PLANT ARE MOST LIKELY SUPPORTING THE CONSTRUCTION EFFORT AND MAY BE REMOVED WHEN THE FACILITY IS COMPLETED. A CIRCULAR EXCAVATION APPROXIMATELY 35 METERS IN DIAMETER, WHICH MAY SERVE AS A HOLDING BASIN, HAS BEEN DUG 1.1 KILOMETERS NORTH-EAST OF LOCATION U.

LOCATION U IS SERVED BY A RAISED-BED ROAD FROM THE AZGIR SUPPORT BASE. POLES FOR A POWER LINE HAVE BEEN INSTALLED ALONGSIDE THE ROAD, BUT AS OF [REDACTED] THE POWER LINE HAD NOT BEEN STRUNG. THE ACTUAL EXTENT OF LOCATION U IS NOT APPARENT. ALTHOUGH A NUMBER OF FENCE POSTS WERE EMPLACED IN EARLY 1978, NO FENCING HAS BEEN INSTALLED, AND WORK ON THIS PROJECT HAS BEEN SUSPENDED OR ABANDONED SINCE SEPTEMBER 1978.

25X1

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CIACS INFR IS10201-79 14 NOV 79 [REDACTED] SEC CLASS: 13 MSN: 0004P

ACCN: S088978 25X1

ELECTRONICS, COMMUNICATIONS SYSTEM CONST ACT UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25D COMIREX NO:

DOCUMENT TITLE: COMMUNICATIONS SYSTEM IN THE TIKSI-DEPUTATSKIY AREA, USSR (U)
PHOTOGRAPHY IN 1979 SHOWS THAT WORK IS CONTINUING ON A NEW TROPOSCATTER AND MICROWAVE SYSTEM THAT THE SOVIETS PURCHASED FROM JAPAN AND ARE INSTALLING IN THE TIKSI-DEPUTATSKIY AREA OF REMOTE NORTHERN SIBERIA.

108
TOP SECRET CHESS RUFF

25X1
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[REDACTED] TOP SECRET CHESS RUFF [REDACTED] [REDACTED]

25X1:5X1

CONSTRUCTION RELATED TO THIS PROJECT WAS OBSERVED AT THREE OF THE FIVE TOWNS AND BELIEVED TO BE UNDERWAY AT THE TWO OTHERS THAT ARE TO BE PART OF THE NEW COMMUNICATIONS SYSTEM. THE SYSTEM IS PROBABLY A YEAR OR TWO AWAY FROM COMPLETION. THERE IS STILL NO SIGNIFICANT ECONOMIC OR MILITARY DEVELOPMENT EVIDENT IN THE AREA.

25X1

109
TOP SECRET CHESS RUFF [REDACTED]

25X1
25X1

TOP SECRET CHESS RUFF

25X1
25X1



25X1

AF FB PAR 693-79 15 OCT 79 [] SEC CLASS: 13 MSN: [] 0003P ACCN: S088989 25X1

AIRCRAFT, BACKFIRE B PYLON CRATES
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 05D COMIREX NO:

DOCUMENT TITLE: BACKFIRE PYLON CRATES (U)
POSSIBLE BACKFIRE MISSILE PYLON CRATES OBSERVED AT BYKHOV AND OKTYABRSKOYE AIRFIELDS WERE MEASURED AND THE DIMENSIONS WERE COMPARED TO THOSE OBSERVED AT KAZON AIRFIELD NORTH, POLTAVA AIRFIELD AND BELAYA AIRFIELD.*

AF FB PAR 701-79 17 OCT 79 [] SEC CLASS: 13 MSN: [] 0002P ACCN: S088990 25X1

BOLSHOY GORODETSKIY TRACKING FACILITY
WAC NO : BE/OBJ NO: NPIC NO : - 33
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

DOCUMENT TITLE: GORODETSKIY TRACKING FACILITY (U)
AN UPDATE OF THE GORODETSKIY TRACKING FACILITY IS GIVEN IN THIS REPORT. A 2-KILOMETER SEARCH ABOUT THE TRACKING FACILITY FOR ADDITIONAL INSTRUMENTATION AND/OR COMMUNICATION SITES WAS NEGATIVE.
THIS REPORT UPDATES PARAGRAPH 3.B. OF PAR 78-701 DATED 27 OCTOBER 1978.*

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25X1

110
TOP SECRET CHESS RUFF

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25X1

TOP SECRET CHESS RUFF

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AF FB PAR 642-79 16 OCT 79 SEC CLASS: 13 MSN: 0009P ACCN: S088993 25X1

KUYBYSHEV EXPERIMENTAL A/C + ROCKET ENG PLANT	UR 532053N 0501231E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 17-A
IDHS CODE: []	EPF CAT : 05G	COMIREX NO: []
KUYBYSHEV EXPMT AC + ROCKET ENG PLANT	UR 532053N 0501231E	25X1
WAC NO : []	BE/OBJ NO: []	25X1
IDHS CODE: []	EPF CAT : 40E	25X1
PERM AIRCRAFT ENG PLT STALIN 19 ENG TEST CELL	UR 575848N 0561508E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 16-D
IDHS CODE: []	EPF CAT : 05G	COMIREX NO: []

DOCUMENT TITLE: PERM AIRCRAFT ENGINE PLANT STALIN 19 - ENGINE TEST CELL BUILDINGS (TSR)
 THIS REPORT GIVES A DETAILED NARRATIVE DESCRIPTION OF EACH OF THE TWO NEW ENGINE TEST CELL BUILDINGS AT PERM AIRCRAFT ENGINE PLANT STALIN 19. THE TWO NEW TEST BUILDINGS ARE COMPARED TO TEST CELL MODIFICATIONS AT KUYBYSHEV EXPERIMENTAL AIRCRAFT ENGINE PLANT KRASNAYA GLINKA 2.
 PAR 79-641, PARAGRAPH 4.A. IS SUPERCEDED BY THIS REPORT. FOR ADDITIONAL REFERENCES SEE PARS 76-597 AND 79-640 AND DRAWINGS 71D6545/8, 79C4533, 79C4534, 70B4507/3, 70B4508/3, 71D6523/7, 70D4546/4 AND 78E3502.*

AF FB ENDR C6567-79 17 SEP 79 SEC CLASS: 13 MSN: 0001P ACCN: S08899725X25X1

ELECTRONICS, BI-GRID ANT CABLE CONNECTIONS	UR
WAC NO : []	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 25A
	NPIC NO : -
	COMIREX NO: []

111
TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1

DOCUMENT TITLE: CABLE CONNECTIONS OF ELEMENTS IN BI-GRID ANTENNA (TSR)
THIS REPORT SUPPLEMENTS PARS 78-550 AND 79-687.*

25X1

CIACS INFR ERD117-79 08 NOV 79 SEC CLASS: 05 MSN: 0004P ACCN: 5089004

ASTRAKHAN GAS FIELD DEVELOPMENT

UR 4620 N 04801 E
NPIC NO : -
COMIREX NO:

25X1

WAC NO :
IDHS CODE: BE/OBJ NO:
EPF CAT : 30A

DOCUMENT TITLE: GASFIELD DEVELOPMENT NEAR ASTRAKHAN, USSR, SINCE MID-1978 (U)
THE SOVIETS ARE DEVELOPING A GAS DEPOSIT NORTHWEST OF ASTRAKHAN WHERE THEY FIRST REPORTED A SIGNIFICANT GAS FLOW IN 1973. SATELLITE PHOTOGRAPHY SHOWS THAT WELLS ARE BEING DRILLED AND EXPLORATION IS CONTINUING, BUT CONSTRUCTION OF FACILITIES REQUIRED TO PRODUCE AND DISTRIBUTE THE GAS HAS NOT BEGUN.
PHOTOGRAPHY OF APRIL 1979 REVEALS A TOTAL OF 38 DRILLING RIGS, 58 DRILLED LOCATIONS, AND TWO WORKOVER RIGS IN THE AREA OF GASFIELD DEVELOPMENT. THIS IS AN INCREASE OF 12 DRILLING RIGS, 37 LOCATIONS, AND ONE WORKOVER RIG SINCE JULY AND AUGUST 1978. THE OVERALL AREA OF DRILLING COVERS ABOUT 27,000 SQUARE KILOMETERS, BUT MOST OF THE ACTIVITY IS NOW CONCENTRATED IN TWO AREAS. GATHERING LINES AND SEPARATION FACILITIES HAVE NOT BEEN CONSTRUCTED, APPARENTLY AWAITING IMPORTED EQUIPMENT NEEDED TO HANDLE AND PROCESS THE HIGHLY CORROSIVE GAS IN THIS FIELD.

CIACS INFR IS10204-79 26 NOV 79 SEC CLASS: 05 MSN: 0004P ACCN: 5089005

KARAMAY OILFIELD DEVELOPMENT

CH 453400N 0845300E
NPIC NO : -
COMIREX NO:

25X1

WAC NO :
IDHS CODE: BE/OBJ NO:
EPF CAT : 30A

DOCUMENT TITLE: OILFIELD DEVELOPMENT NEAR KARAMAI, CHINA (U)
OIA ANALYZED DEVELOPMENTS IN THE KARAMAI (KO-LA-MA-I) OILFIELD IN NORTHWEST XINJIANG (SINKIANG)

112
TOP SECRET CHESS RUFF

25X1
25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED] [REDACTED]

25X1

PROVINCE OF CHINA ON [REDACTED] OF JULY 1979. THE KARAMAI OILFIELD IS ONE OF CHINA'S SMALLER OILFIELDS AS WELL AS BEING ONE OF ITS MOST REMOTE. THE OILFIELD ACTIVITY NEAR KARAMAI CONSISTS OF PRODUCING WELLS, ACTIVE DRILLING, AND EXPLORATION IN TWO AREAS COVERING A TOTAL OF 3,020 SQ KM. THE PRODUCING AREAS OF THE FIELD HAVE BEEN EXPANDED OVER THE PAST THREE YEARS, AND THERE ARE INCREASED NUMBERS OF WELLS, DRILLING RIGS, AND SEPARATION FACILITIES.

25X1

THIS MEMORANDUM IS THE FIRST IN A SERIES USING IMAGERY TO ANALYZE CHINA'S 30 KNOWN OILFIELDS. THE FINDINGS OF THIS STUDY WILL CONTRIBUTE TO THE UPDATE OF A 1977 REPORT BY THE OFFICE OF ECONOMIC RESEARCH ON CHINESE OIL PRODUCTIONS.

[REDACTED] 25X1

TOP SECRET CHESS RUFF [REDACTED] [REDACTED]

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

25X1

CIACS IRP IS10126K-79 NOV 79 SEC CLASS: 14 MSN: 0041P ACCN: S089044 25X1

INDUSTRY, SEMICONDUCTOR PLANTS	UR	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 25E	COMIREX NO:
ALEKSANDROV SEMICONDUCTOR PLANT	UR	562350N 0384245E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 25E	COMIREX NO:
BRYANSK INTEGRATED CIRCUIT + TRANSISTOR PLANT	UR	531520N 0342158E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 25E	COMIREX NO:
CHERNOVTSY SEMICONDUCTOR PLANT GRAVITON	UR	481635N 0255920E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 25E	COMIREX NO:
IVANO FRANKOVSK SEMICONDUCTOR PLANT	UR	485630N 0244415E
WAC NO :	BE/OBJ NO:	NPIC NO : -

25X1

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1

IDHS CODE:	EPF CAT : 25E	COMIREX NO:	25X1
KIYEV SEMICONDUCTOR PLANT	BE/OBJ NO:	UR 502920N 0302505E	
WAC NO :	EPF CAT : 25E	NPIC NO : -	25X1
IDHS CODE:	MEZON	COMIREX NO:	
KISHINEV SEMICONDUCTOR PLANT	BE/OBJ NO:	UR 470311N 0285143E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:	PLT SVETLANA 211	COMIREX NO:	
LENINGRAD TUBE/SEMICONDUCTOR	BE/OBJ NO:	UR 600032N 0302008E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : - 42-J	
IDHS CODE:	PLANT 24	COMIREX NO:	
LVOV TUBE + SEMICONDUCTOR PLANT	BE/OBJ NO:	UR 494840N 0240228E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:		COMIREX NO:	
MINSK SEMICONDUCTOR PLANT	BE/OBJ NO:	UR 535124N 0273050E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:		COMIREX NO:	
RIGA SEMICONDUCTOR PLANT	BE/OBJ NO:	UR 570533N 0241512E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:	POSS	COMIREX NO:	
TBILISI SEMICONDUCTOR PLANT	BE/OBJ NO:	UR 414642N 0444642E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:		COMIREX NO:	
ULYANOVSK HAND-HELD CALCULATOR PRODUCTION PLT	BE/OBJ NO:	UR 542106N 0482115E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:		COMIREX NO:	
VORONEZH ELECTRONICS COMPONENTS PLANT POSS	BE/OBJ NO:	UR 513933N 0391459E	25X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:		COMIREX NO:	
ZELENOGRAD ELECTRONICS PLANT/IND NORTH ELEON	BE/OBJ NO:	UR 560040N 0371200E	225X1
WAC NO :	EPF CAT : 25E	NPIC NO : -	
IDHS CODE:		COMIREX NO:	

DOCUMENT TITLE: SOVIET SEMICONDUCTOR PLANTS (U)
 PHOTOGRAPHIC ANALYSIS OF 63 SOVIET CITIES WHERE INDUSTRIAL PLANTS ASSOCIATED WITH SEMICONDUCTOR PRODUCTION HAVE BEEN REPORTED BY NON-PHOTOGRAPHIC SOURCES HAS RESULTED IN THE IDENTIFICATION OF 16 PLANTS THAT APPEAR TO BE INVOLVED IN MAKING WAFERS USED IN SEMICONDUCTOR DEVICES -- THE MICROELECTRONIC COMPONENTS USED IN COMPUTERS AND OTHER ELECTRONIC EQUIPMENT. ALL BUT TWO OF THE 16 PLANTS HAVE BEEN CONSTRUCTED OR EXPANDED SINCE THE LATE 1960S, INDICATING THAT THE SOVIETS HAVE BEEN PUTTING CONSIDERABLE EMPHASIS ON IMPROVING THEIR CAPABILITIES IN THIS IMPORTANT FIELD.

THE PRODUCTION OF SEMICONDUCTORS, FABRICATED FROM A MATERIAL (USUALLY GERMANIUM OR SILICON) THAT IS NEITHER A GOOD CONDUCTOR OF ELECTRICITY NOR A GOOD INSULATOR, INVOLVES A SERIES OF PROCESSES WHICH CAN BE GROUPED UNDER THE GENERAL HEADINGS OF CRYSTAL GROWTH, WAFER FABRICATION, AND ASSEMBLY. SEVERAL EXTERIOR FEATURES OF PLANTS ENGAGED IN THE WAFER FABRICATION PROCESS ENABLE IMAGERY ANALYSTS TO DISTINGUISH THEM

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FROM OTHER LIGHT INDUSTRIAL PLANTS. PLANTS INVOLVED SOLELY IN CRYSTAL GROWTH OR SEMICONDUCTOR ASSEMBLY, ON THE OTHER HAND, DO NOT APPEAR TO HAVE UNIQUE SIGNATURES THAT PERMIT THEIR POSITIVE IDENTIFICATION ON PHOTOGRAPHY. THE 16 PLANTS THAT HAVE BEEN IDENTIFIED ARE BELIEVED TO BE INVOLVED IN WAFER FABRICATION; MOST OF THEM ALSO CONTAIN ASSEMBLY FACILITIES.

CIACS IRP IS210185K-79 NOV 79 [] SEC CLASS: 14E MSN: 0007P ACCN: S089045 25X1

MILITARY, KAMAZ-5320 CARGO TRUCK ANAL + DPL UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35E COMIREX NO:
MILITARY, KAMAZ-5410 TRUCK TRACTOR ANAL + DPL UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35E COMIREX NO:

DOCUMENT TITLE: KAMAZ TRUCK DEPLOYMENTS WITH SOVIET GROUND FORCES (S)
SATELLIE IMAGERY SHOWS THAT SINCE EARLY 1977 MORE THAN 4,000 KAMAZ 5320 CARGO TRUCKS WITH TRAILERS AND OVER 500 KAMAZ 5410 TRUCK TRACTORS WITH SEMITRAILERS HAVE BEEN DEPLOYED WITH SOVIET GROUND FORCES. MOST OF THE DEPLOYMENT IS WITH THE SOVIET GROUPS OF FORCES OPPOSITE NATO WHERE THEY ARE REPLACING URAL-SERIES TRUCKS--ON A ONE-FOR-ONE BASIS--IN CARGO TRANSPORT COMPANIES OF ARMY- AND GROUP- LEVEL MOTOR TRANSPORT UNITS. THE KAMAZ HAS INCREASED THE LOAD CARRYING CAPACITY OF THESE UNITS BY 25 TO 35 PERCENT. THE KAMAZ SERIES TRUCKS ARE ALSO BEING INTRODUCED INTO SOVIET GROUND FORCE UNITS DEPLOYED ALONG THE CHINA BORDER WHERE--IN MOST INSTANCES--THEY ARE SUPPLEMENTING RATHER THAN REPLACING THE EXISTING URAL-SERIES TRUCKS IN ARMY- AND CORPS-LEVEL MOTOR TRANSPORT UNITS. TO DATE, KAMAZ-SERIES TRUCKS HAVE BEEN OBSERVED ONLY WITH NONDIVISIONAL SUPPORT UNITS IN THE SOVIET INTERIOR OR WESTERN MILITARY DISTRICTS. THE KAMAZ, DESIGNED PRIMARILY FOR CIVILIAN COMMERCIAL USE, IS PRODUCED AT THE KAMA RIVER TRUCK PLANT.

25X1

IPCCA IAR IAR0102-79 NOV 79 [] SEC CLASS: 14D MSN: 0007P ACCN: S089047 25X1

116
TOP SECRET CHESS RUFF

25X1
25X1



TOP SECRET CHESS RUFF



25X1

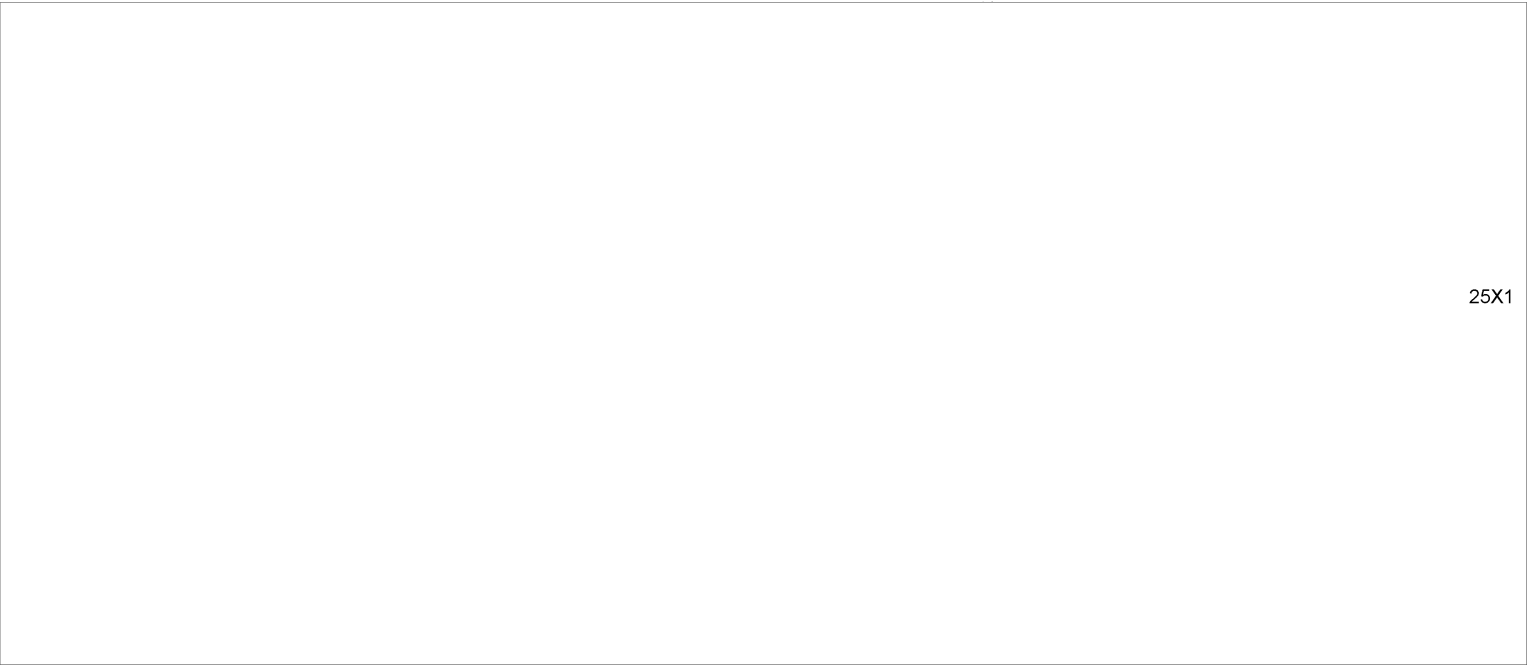
NUCLEAR TEST INDICATORS

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 55A

CH
NPIC NO : -
COMIREX NO:

DOCUMENT TITLE: IMAGERY INDICATOR OF CHINESE INTENTIIONS ON NUCLEAR TESTING, PRC (TSR)
AN IN-DEPTH ANALYSIS OF IMAGERY OF ALL KNOWN NUCLEAR TEST SITES IN THE LOP NUR (LOP NOR) REGION OF THE
PEOPLE'S REPUBLIC OF CHINA (PRC) HAS PRODUCED A PHOTOGRAPHIC SIGNATURE, A SPECIAL WEATHER STATION, WHICH
MAY SERVE AS A LONG-TERM INDICATOR OF FUTURE TEST SITES FOR NUCLEAR DEVICES.



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[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

[Redacted]

25X1

[Large Redacted Area]

25X1

NPCCA IAR IAR0105-79 NOV 79 Z20024-79 SEC CLASS: 05B MSN: 0003P ACCN: S089054

KAPUSTIN YAR MTC SS-X-23 FIELD DPL PATTERNS UR 484107N 0455853E
WAC NO : 0235 BE/OBJ NO: NPIC NO : - 10
IDHS CODE: EPF CAT : 40B COMIREX NO:

25X1
25X1

DOCUMENT TITLE: POSSIBLE SS-X-23 SRBM FIELD DEPLOYMENT PATTERNS IDENTIFIED AT KAPUSTIN YAR MISSILE/SPACE TEST CENTER SSM, USSR (S)
POSSIBLE FIELD DEPLOYMENT PATTERNS FOR THE SS-X-23 SHORT-RANGE BALLISTIC MISSILE (SRBM) SYSTEM WERE OBSERVED ON IMAGERY OF [Redacted] AT KAPUSTIN YAR MISSILE/SPACE TEST CENTER SSM, USSR. THE POSSIBLE FIELD DEPLOYMENT PATTERNS WERE OBSERVED DURING A PROBABLE SS-X-23 SRBM TROOP TRAINING EXERCISE. THIS EXERCISE OCCURRED IN THREE AREAS APPROXIMATELY 4 NAUTICAL MILES SOUTHEAST OF KAPUSTIN YAR SRBM TEST COMPLEX A SITE 1.

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[Redacted]

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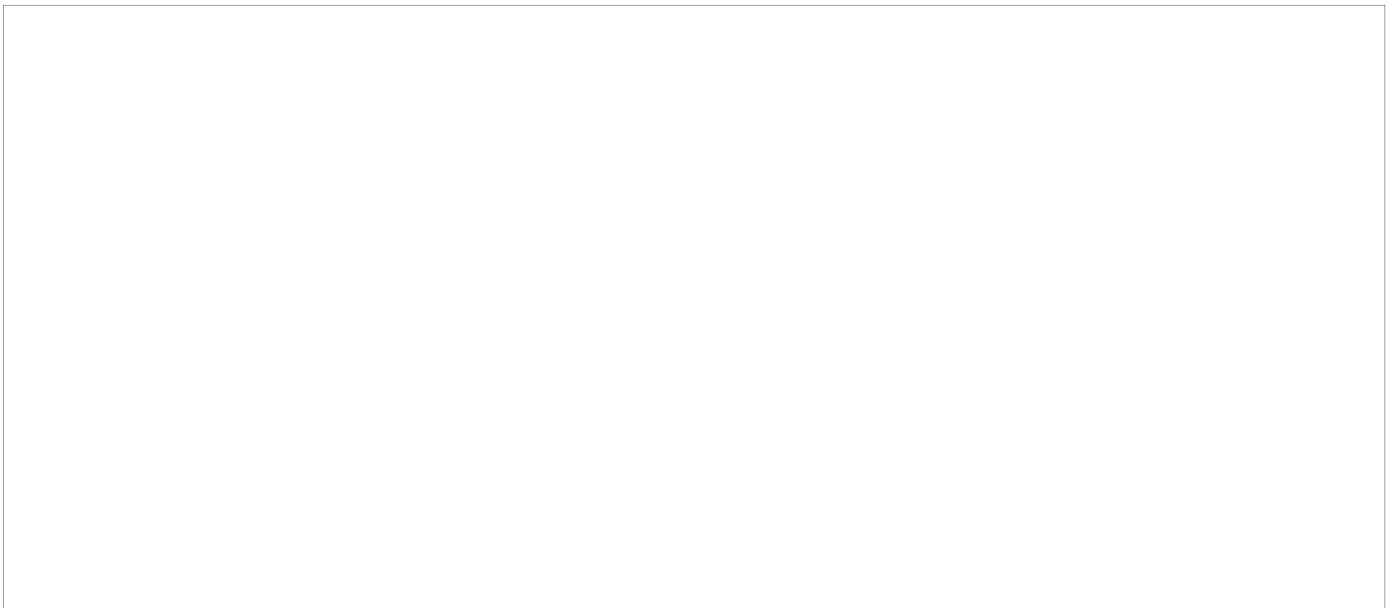
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DIADA B11R RDA04-0002-78

DEC 79



SEC CLASS: 14D

MSN:



0007P

ACCN: S08910

25X1.1

TUOLI SAM STORAGE DEPOT U/G

WAC NO :



BE/OBJ NO:



CH 395000N 1154940E

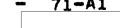
NPIC NO : - 71-A1

IDHS CODE:



EPF CAT : 40C

COMIREX NO:



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DOCUMENT TITLE: DUOLI (TOU-LI) SAM DEPOT UNDERGROUND
THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF DUOLI SAM DEPOT UNDERGROUND LOCATED 25 NM WEST OF BEIJING (PEI-CHING) IN THE PEOPLE'S REPUBLIC OF CHINA (PRC). THE DEPOT ENCOMPASSES 23 HECTARES CONTAINING A BARRACKS/SUPPORT AREA AND A MISSILE SUPPORT/STORAGE AREA WHICH INCLUDES PROBABLE EXTENSIVE UNDERGROUND STORAGE FACILITIES. THE FACILITY IS ROAD-SERVED AND MAINTAINS A MODERATE ACTIVITY LEVEL. IT CONTAINS 52 BUILDINGS WITH A TOTAL ROOF COVER OF 10,610 SQUARE METERS. THE FACILITY IS UNSECURED. THE INFORMATION IS PRESENTED IN GRAPHIC, TEXTUAL, AND TABULAR FORM. IT INCLUDES A LOCATOR MAP AND TWO

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DOCUMENT TITLE: CUBAN AIRBORNE ACTIVITY, HAVANA, CUBA (S)
A RECENT REVIEW OF MILITARY INSTALLATIONS IN THE HAVANA, CUBA, AREA HAS IDENTIFIED FOUR AIRBORNE-ASSOCIATED FACILITIES. THIS REPORT SUMMARIZES THE AIRBORNE-ASSOCIATED INSTALLATIONS AND UNITS AND RECENT AIRBORNE TRAINING ACTIVITY IN THE HAVANA AREA. INSTALLATIONS AND UNITS INCLUDED IN THIS REPORT ARE: A SPECIAL-FORCES-TYPE UNIT AND A POSSIBLE UNCONVENTIONAL WARFARE SCHOOL AT GUANABO MILITARY CAMP EAST; AN AIRBORNE UNIT AND TRAINING ACTIVITY AT PLAYA BARACOA AIRFIELD; A PROBABLE AIRBORNE JUMPMASTER SCHOOL AT LA HABANA MILITARY CAMP SE 1; AND AN AIRBORNE BASIC TRAINING SCHOOL AT LA HABANA AIRBORNE TRAINING FACILITY BILTMORE.

NPCCA IAR IAR0086-79 DEC 79 Z20023-79 SEC CLASS: 05B MSN: 0006P ACCN: S089104

HJMASKER MILITARY TRNG AREA TK DIV EXER SOV HU 471108N 0180120E
WAC NO : BE/OBJ NO: NPIC NO : - 73-A
IDHS CODE: EPF CAT : 35B COMIREX NO:

25X1
25X1

DOCUMENT TITLE: SOVIET TANK DIVISION FIELD TRAINING EXERCISE AT HAJMASKER, HUNGARY (S)
A SOVIET TANK DIVISION-PROBABLY FROM VESZPERM ARMY BARRACKS HEADQUARTERS 201 IN HUNGARY-WAS ENGAGED IN A MAJOR FIELD TRAINING EXERCISE AT HAJMASKER TRAINING AREA NORTH 221, 5.5 NAUTICAL MILES NORTHEAST OF VESZPERM. THE EXERCISE WAS OBSERVED ON IMAGERY OF AN ANALYSIS OF IMAGERY INDICATED THAT THE DIVISION WAS SIMULATING A MEETING ENGAGEMENT AGAINST A PROBABLE AGGRESSOR FORCE.

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NPCCA B IIR RCA09-0028-79 DEC 79 SEC CLASS: 25D MSN: 0004P

ACCN: S08910225X1

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

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TOP SECRET CHESS RUFF

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WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	- 17-A
IDHS CODE:	[]	EPF CAT :	05G	COMIREX NO:	[]
KUYBYSHEV EXPERIMENTAL A/C +	ROCKET ENG PLANT	UR	532053N 0501231E		
WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	- 17-A
IDHS CODE:	[]	EPF CAT :	40E	COMIREX NO:	[]

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DOCUMENT TITLE: KUYBYSHEV EXPERIMENTAL AIRCRAFT AND ROCKET ENGINE PLANT KRASNAYA GLINKA 2

THIS REPORT UPDATES THREE PREVIOUS NPIC REPORTS, [] ON KUYBYSHEV EXPERIMENTAL AIRCRAFT AND ROCKET ENGINE PLANT KRASNAYA GLINKA 2, USSR, AND SATISFIES THE BASIC REPORTING REQUIREMENT FOR THIS TARGET. ACTIVITY OBSERVED AT THE PLANT SINCE [] THE INFORMATION CUTOFF DATE FOR THE MOST RECENT REPORT, IS DISCUSSED IN THIS REPORT.

CONSTRUCTION ACTIVITY AT THE PLANT DURING THE REPORT PERIOD, [] THROUGH [] RESULTED IN A NET INCREASE OF 10,972 SQUARE METERS OF FLOORSPACE. THE PLANT WAS ENLARGED BY 6.5 HECTARES. AS OF [] THE DATE OF THE LATEST IMAGERY USED IN THIS REPORT, THE PLANT CONTAINED 152,063 SQUARE METERS OF FLOORSPACE WITH AN ADDITIONAL 1,664 SQUARE METERS UNDER CONSTRUCTION. THIS REPORT DESCRIBES CONSTRUCTION AND PRODUCTION ACTIVITY AT KRASNAYA GLINKA 2 AND INCLUDES A LOCATION MAP, AN ANNOTATED PHOTOGRAPH, AND A TABLE OF MENSURAL DATA PERTAINING TO NEW CONSTRUCTION ACTIVITY.

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IDHS CODE: EPF CAT : 55A COMIREX NO:

25X1

DOCUMENT TITLE: LOP NUR (LOP NOR) NUCLEAR TEST SITE QINGGIR (SINGER) UNDERGROUND TEST AREA EAST CHIC 24, 14 OCTOBER 1978

THIS REPORT PROVIDES AN IMAGERY-DERIVED ANALYSIS OF THE 14 OCTOBER 1978 CHIC 24 UNDERGROUND NUCLEAR TEST AT THE LOP NUR (LOP NOR) NUCLEAR TEST SITE IN THE PEOPLE'S REPUBLIC OF CHINA (PRC). CHIC 24 WAS THE FIRST VERTICALLY EMPLACED UNDERGROUND NUCLEAR TEST CONDUCTED IN THE PRC. THE REPORT DISCUSSES SIX DISTINCT PHASES OF PRETEST DRILL SITE PREPARATION AND DESCRIBES CONCOMITANT ACTIVITY ASSOCIATED WITH THE PHASES. IT ALSO INCLUDES AN ANALYSIS OF THE RESULTS OF THE TEST.

A LOCATION MAP, 34 ANNOTATED PHOTOGRAPHS, FOUR CHARTS/DIAGRAMS, FIVE LINE/PERSPECTIVE DRAWINGS, FOUR TABLES, A GEOLOGICAL MAP, AND FOUR TERRAIN PROFILES ARE INCLUDED IN THIS REPORT.

NPCCA BIIB BCA03-0001-79 SEP 79 SEC CLASS: 14D MSN: 0002P ACCN: S08910925X1

ANDREYEVKA COMSAT STATION NO	SIGNIFICANT CHNG	UR	443030N 1332828E	
WAC NO :	BE/OBJ NO :	NPIC NO :	- 102	25X1
IDHS CODE :	EPF CAT :	COMIREX NO :		25X1
BELOOMUT COMSAT STATION NO	SIGNIFICANT CHNG	UR	545641N 0392552E	
WAC NO :	BE/OBJ NO :	NPIC NO :	- 153-A	25X1
IDHS CODE :	EPF CAT :	COMIREX NO :		25X1
GUS KHRUSTALNYY COMSAT CNTRL	STA NO SIG CHNG	UR	553444N 0405418E	
WAC NO :	BE/OBJ NO :	NPIC NO :	- 132	25X1
IDHS CODE :	EPF CAT :	COMIREX NO :		25X1
KOMSOMOLSK COMSAT CONTROL STA	NO SIG CHANGE	UR	510142N 1364950E	
WAC NO :	BE/OBJ NO :	NPIC NO :	- 26-A	25X1
IDHS CODE :	EPF CAT :	COMIREX NO :		25X1
ODESSA COMSAT STATION ORBITA	NE NO SIG CHANGE	UR	463500N 0305620E	
WAC NO :	BE/OBJ NO :	NPIC NO :	- 51-M4	25X1
IDHS CODE :	EPF CAT :	COMIREX NO :		25X1
POLICHNYA COMSAT STATION ORBITA	NO SIG CHANGE	UR	553640N 0345445E	
WAC NO :	BE/OBJ NO :	NPIC NO :	- 98	25X1
IDHS CODE :	EPF CAT :	COMIREX NO :		25X1

DOCUMENT TITLE: NPIC NO SIGNIFICANT CHANGE REPORT DEPLOYED COMMO/ELEC/RADAR FACILITIES

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CIACS INFR IS10211J-79 29 NOV 79 SEC CLASS: 24 MSN: 0005P ACCN: S089144 25X1

MILITARY, GROUND FORCES WESTERN MD EG
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:

DOCUMENT TITLE: STATUS OF EGYPTIAN FORCES IN THE WESTERN MILITARY DISTRICT MARCH THROUGH AUGUST 1979
(C)
AS OF AUGUST 1979, THE EGYPTIAN MILITARY STRENGTH IN THE WESTERN MILITARY DISTRICT COMPRISED AN ARMORED DIVISION REINFORCED BY AN ARMORED BRIGADE, A MARINE BRIGADE, FIVE AIR DEFENSE BRIGADES AND THREE ARTILLERY BRIGADES. DURING THE PERIOD FROM MARCH TO AUGUST 1979 THE EGYPTIANS CONCENTRATED PRIMARILY ON IMPROVING THEIR AIR DEFENSE CAPABILITY. THEY ALSO BEGAN CONSTRUCTION ON A NEW AIRFIELD, MADE IMPROVEMENTS TO EXISTING AIRFIELDS AND DEPLOYED AN ADDITIONAL ARTILLERY AND SA-6 BRIGADE IN THE WESTERN MILITARY DISTRICT.

CIACS INFR IS10197K-79 03 DEC 79 SEC CLASS: 13 MSN: 0009P ACCN: S089145 25X1

DROVYANAYA SS-20 REMOTE SITE 1 UR 514254N 1125944E
WAC NO : BE/OBJ NO: NPIC NO : - 53-Q 25X1
IDHS CODE: EPF CAT : 40B COMIREX NO: 25X1
RECHITSA SS-20 REMOTE SITE 1 UR 521129N 0300707E
WAC NO : BE/OBJ NO: NPIC NO : - 72-E 25X1
IDHS CODE: EPF CAT : 40B COMIREX NO: 25X1
RECHITSA SS-20 REMOTE SITE 2 UR 520655N 0301440E
WAC NO : BE/OBJ NO: NPIC NO : - 72-F 25X1
IDHS CODE: EPF CAT : 40B COMIREX NO: 25X1
RECHITSA SS-20 REMOTE SITE 3 UR 520854N 0302346E
WAC NO : BE/OBJ NO: NPIC NO : - 72-G 25X1
IDHS CODE: EPF CAT : 40B COMIREX NO: 25X1
MISSILES, SS-20 REMOTE BASES UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40B COMIREX NO:

DOCUMENT TITLE: REMOTE BASING FOR SS-20 IRBMS -- DROVYANAYA AND RECHITSA (TSR)

127
TOP SECRET CHESS RUFF

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A NEW SOVIET SS-20 IRBM BASING CONFIGURATION -- THIS ONE BY OIA INVOLVING BATTALION DEPLOYMENT IN REMOTE AREAS -- HAS BEEN IDENTIFIED AT TWO FIELD LOCATIONS. THE NEW BASING CONFIGURATION, LIKE THE ESTABLISHED REGIMENTAL BASES WITH THREE COLLOCATED SS-20 BATTALIONS, USES LAUNCH FACILITIES THAT INCLUDE THREE SLIDING-ROOF BUILDINGS (SRBS) FOR EACH BATTALION. THE SRBS STORE ONE SS-20 TRANSPORTER-ERECTOR-LAUNCHER EACH.

THE REMOTE BASE CONCEPT WAS APPARENTLY TESTED BEGINNING IN 1977 AT NOVAYA MEZINOVKA MISSILE SUPPORT REAR DEPOT. THE FACILITY THERE IS NEARLY IDENTICAL TO THE DEPLOYED REMOTE BASES SEEN THUS FAR. THE FIRST DEPLOYED BASE WAS OBSERVED UNDER CONSTRUCTION AT DROVYANAYA ON MARCH 1978 COVERAGE. THAT FACILITY WAS OPERATIONALLY CAPABLE WHEN SEEN ON AUGUST 1978 COVERAGE. THE SECOND DEPLOYED LOCATION IS AT RECHITSA. THERE THREE REMOTE BASES FIRST SEEN UNDER CONSTRUCTION IN APRIL 1979 WERE PROBABLY OPERATIONALLY CAPABLE BY NOVEMBER 1979.

CIACS INFR IS10180K-79 03 DEC 79 [] SEC CLASS: 14 MSN: 0010P ACCN: S089147^{25X1}

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

DOCUMENT TITLE: ANALYSIS OF MISSILE PLANT 88 AND THE ROCKET MOTOR TEST FACILITY, MOSKVA MISSILE AND SPACE DEVELOPMENT CENTER KALININGRAD 88

ANALYSIS OF A FABRICATION/ASSEMBLY BUILDING UNDER CONSTRUCTION AT THE MOSKVA MISSILE AND SPACE DEVELOPMENT CENTER KALININGRAD 88 INDICATES THAT THE BUILDING SHOULD BE EXTERNALLY COMPLETE IN THE EARLY 1980S. THIS BUILDING WILL APPARENTLY BE USED TO PRODUCE AT LEAST ONE OF THE SPACE LAUNCH VEHICLES THAT THE SOVIETS CURRENTLY HAVE UNDER DEVELOPMENT.

IN ADDITION, NEW CONSTRUCTION AND AN INCREASED LEVEL OF ACTIVITY HAS BEEN OBSERVED AT THE ROCKET MOTOR TEST AREA AT KALININGRAD WHICH INDICATES THAT A NEW AND AS YET UNIDENTIFIED PROGRAM IS UNDER DEVELOPMENT THERE.

THE SIGHTING OF AN OBJECT SIMILAR IN SIZE AND SHAPE TO THE COSMOS 881/882-TYPE PAYLOAD, A POSSIBLE PREDECESSOR OF THE SOVIET SPACE SHUTTLE, INDICATED THAT PROTOTYPE PRODUCTION OF THOSE PAYLOADS PROBABLY OCCURRED AT PLANT 88. THE REMOVAL OF THIS OBJECT AND SOME JIGS, HANDLING FIXTURES AND OTHER MANUFACTURING-RELATED EQUIPMENT FROM THEIR FABRICATION/ASSEMBLY BUILDING INDICATED THAT PROTOTYPE PRODUCTION OF THESE PAYLOADS WAS COMPLETED BY MID-1974 AND THAT PRODUCTION RESPONSIBILITY HAS BEEN TRANSFERRED, POSSIBLY TO ANOTHER FACILITY WITHIN THE KALININGRAD COMPLEX. THE MOVEMENT OF ONE OF THE TWO GENERAL TYPES OF SHIPPING CONTAINERS FROM MISSILE PLANT 88 TO THE CENTRAL DESIGN BUREAU FOR SPACE AND INTERCONTINENTAL ROCKETS INDICATED THAT PRODUCTION RESPONSIBILITY FOR THE PAYLOADS WHICH USE THIS TYPE OF CONTAINER WAS TRANSFERRED TO THE DESIGN BUREAU AREA BY MID-1974. THE TWO TYPES OF SHIPPING CONTAINERS ARE USED IN THE SHIPMENT OF SPACE-RELATED PAYLOADS OR OF MAJOR COMPONENTS OF SUCH PAYLOADS.

CIACS INFR IS10215K-79 07 DEC 79 [] SEC CLASS: 14 X MSN: 0010P ACCN: S089148^{25X1}

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TOP SECRET CHESS RUFF

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MILITARY, GROUND FORCES ACTIVITY SUMMARY MR 4

WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 35

HUAMBO ARMY BARRACKS
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 35A

HUAMBO MILITARY INSTALLATION
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 35A

HUAMBO AIRFIELD
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 05A

BIE MILITARY INSTALLATION
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 35A

LOBITO ARMY BARRACKS SOUTH
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 35A

LOBITO AIRFIELD
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 05A

MILITARY, ACTIVITY CUBAN
 WAC NO : BE/OBJ NO:
 IDHS CODE: EPF CAT : 35

AO
 NPIC NO : -
 COMIREX NO:
 AO 124813S 0154330E
 NPIC NO : - 1-A
 COMIREX NO:
 AO 124710S 0154340E
 NPIC NO : - 1-B
 COMIREX NO:
 AO 124820S 0154526E
 NPIC NO : - 1
 COMIREX NO:
 AO 122440S 0165650E
 NPIC NO : - 2-A
 COMIREX NO:
 AO 122220S 0133325E
 NPIC NO : - 1-C
 COMIREX NO:
 AO 122214S 0133223E
 NPIC NO : - 1-B
 COMIREX NO:
 AO
 NPIC NO : -
 COMIREX NO:

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DOCUMENT TITLE: GROUND FORCES ACTIVITY IN ANGOLA'S MILITARY REGION 4
 OIA ANALYZED ALL AVAILABLE PHOTOGRAPY OF ANGOLA'S MILITARY REGION 4, WHICH IS IN THE WEST-CENTRAL PART OF THE COUNTRY, FROM MAY 1978 THROUGH OCTOBER 1979. ABOUT 60 PERCENT OF MILITARY REGION 4 WAS COVERED ON PHOTOGRAPY DURING THIS PERIOD, AND ALL AREAS OF SUSPECTED MILITARY ACTIVITY WERE COVERED ON IMAGERY. IN MILITARY REGION 4, MAJOR MILITARY INSTALLATIONS ARE LOCATED AT HUAMBO, FORMERLY KNOWN AS NOVA LISBOA (12-45S 15-46E); BIE, FORMERLY KNOWN AS SILVA PORTO (12-23S 16-56E); AND LOBITO (12-20S 13-32E). THERE IS SOME EVIDENCE OF CUBAN INVOLVEMENT AT HUAMBO.
 THIS IS THE FOURTH OF A SERIES OF REPORTS ON MILITARY ACTIVITY IN ANGOLA'S SIX MILITARY REGIONS. OIA'S FIRST THREE REPORTS COVERED MILITARY REGIONS 1, 3, AND 5.

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DOCUMENT TITLE: TYPE IIIX SILO (U)
THIS REPORT PRESENTS A SATELLITE IMAGERY ANALYSIS OF THE TYPE IIIX SILOS AT THE TYURATAM MISSILE TEST CENTER (TTMC) AND AT DEPLOYED ICBM LAUNCH COMPLEXES. INCLUDED IN THIS REPORT IS A SERIES OF CONCEPTUAL DRAWINGS AND PHOTOGRAPHS DEPICTING THE CONSTRUCTION CHRONOLOGY, STRUCTURAL COMPONENTS, AND MENSURAL DETAILS OF THE TYPE IIIX SILO. THIS REPORT SUPERSEDES FTD BIIR RFB-22/0002/78, TYPE IIIX SILO, USSR, NOVEMBER 1977 (TOP SECRET RUFF).

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THE TYPE IIIX SILO IS A HARDENED LAUNCH CONTROL CENTER (LCC) LOCATED WITHIN A LAUNCH CONTROL FACILITY (LCF) AT EACH TYPE IIIF (SS-18), TYPE IIIG (SS-11/19) AND TYPE IIH (SS17) LAUNCH GROUP. THE LAUNCH CONTROL CENTER FUNCTIONAL DESIGNATION IS BASED ON THE RELATIONSHIP OF THE SILO STRUCTURE, SOFT AND HARDENED MASTS/ANTENNAS, TRENCHING NETWORK, AND DEPLOYMENT WITHIN A VARIETY OF SOVIET ICBM LAUNCH GROUPS. CONFIGURATIONS FOR BOTH THE ORIGINAL AND MODIFIED TYPE IIIX SILOS ARE REVIEWED.

AF FB ENDR E1017-79 23 OCT 79 SEC CLASS: 07 MSN: 0001P ACCN: 5089160

AIRCRAFT, FENCER A SU-19
WAC NO : BE/OBJ NO: UR NPIC NO : -
IUHS CODE: EPF CAT : 05D COMIREX NO:

DOCUMENT TITLE: FENCER A (U)
THIS DRAWING SUPERSEDES DRAWING 74D01019. FOR ADDITIONAL INFORMATION SEE DRAWNG 79D2004.*

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NPCCA IAR IAR0116-79 DEC 79 SEC CLASS: 14D MSN: 0004P ACCN: S089231

SEMIPALATINSK NWP6 SHAGAN RVR LOC 89 FAC U/I	UR	495929N 0785552E
WAC NO :	BE/OBJ NO:	NPIC NO : - 33-M
IDHS CODE:	EPF CAT : 55A	COMIREX NO:
SEMIPALATINSK NWP6 SHAGAN RVR LOC 89 FAC U/I	UR	495929N 0785552E
WAC NO :	BE/OBJ NO:	NPIC NO : - 33-M
IDHS CODE:	EPF CAT : 10B	COMIREX NO:

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DOCUMENT TITLE: UNIDENTIFIED FACILITY WITHIN SILO AREA 89 SHAGAN RIVER TEST AREA, USSR (TSR)
 A HIGHLY SECURED FACILITY HAS BEEN CONSTRUCTED WITHIN THE PERIMETER FENCES OF SILO AREA 89 AT THE
 SHAGAN RIVER TEST AREA, USSR. THE SITE OF THE FACILITY
 CONSISTS OF A SMALL, RECTANGULAR, PARTIALLY UNDERGROUND (PUG) STRUCTURE WITH EXTENSIVE SECURITY MEASURES
 INCLUDING A SECURITY CHECKPOINT, FENCES, DEFENSIVE POSITIONS, GUARDS, AND A GUARD TOWER. THE FUNCTION OF
 THE FACILITY IS NOT KNOWN, ALTHOUGH ITS LOCATION INDICATES THAT IT IS ASSOCIATED WITH THE SILO
 VULNERABILITY PROGRAM.

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NPCCA IAR IAR0117-79 DEC 79 SEC CLASS: 14C MSN: 0002P ACCN: S089233 25X1

MISSILES, SA-2/SA-3 SITES DEPLOYED VM
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40C COMIREX NO:

DOCUMENT TITLE: DEPLOYMENT OF SA-2 AND SA-3 SAM SITES IN VIETNAM (S)
THIS REPORT PROVIDES INFORMATION - DERIVED FROM AN ANALYSIS OF AVAILABLE IMAGERY ACQUIRED FROM
- ON THE STATUS OF THE DEPLOYMENT OF SA-2 AND SA-3 SAM SITES IN VIETNAM. THE
SITES ARE DEPLOYED NEAR SAIGON (HO CHI MINH CITY), DA NANG, HA NOI, HAI PHONG/CAM PHA, AND LAO CAI.

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NPCCA BIR RCA17-0005-79 DEC 79 SEC CLASS: 25D MSN: 0022P ACCN: S089238 25X1

JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX CH 404126N 1205309E
WAC NO : BE/OBJ NO: NPIC NO : - 19-D1
IDHS CODE: EPF CAT : 40 COMIREX NO:
JINXI NAVAL WEAPONS R+D/SSM TRAINING COMPLEX CH 404126N 1205309E
WAC NO : BE/OBJ NO: NPIC NO : - 19-D1
IDHS CODE: EPF CAT : 75F COMIREX NO:

25X1
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DOCUMENT TITLE: JINXI (CHIN-HSI) NAVAL RESEARCH AND DEVELOPMENT/TRAINING COMPLEX SSM
THIS REPORT DESCRIBES NEW CONSTRUCTION AT JINXI (CHIN-HSI) NAVAL RESEARCH AND DEVELOPMENT/TRAINING
COMPLEX SSM IN THE PEOPLE'S REPUBLIC OF CHINA (PRC) AND SUMMARIZES NAVAL WEAPONS TESTING ACTIVITY AND
TRAINING OBSERVED AT THE COMPLEX FROM SEPTEMBER 1977 TO SEPTEMBER 1979. DEVELOPMENT OF A SHIPBORNE SAM
SYSTEM (CSA-X-2) AND NAVAL GUNS CONTINUED AT THE COMPLEX DURING THE PERIOD COVERED BY THIS REPORT.
REFINEMENT OF THE STYX CRUISE MISSILE SYSTEM ALSO CONTINUED EVEN THOUGH MOST STYX ACTIVITY WAS RELATED TO
CREW TRAINING. NO DEVELOPMENTAL ACTIVITY RELATED TO THE SLBM SYSTEM HAS BEEN SEEN AT THE COMPLEX SINCE
MID-1977.

THIS REPORT UPDATES AN NPIC REPORT, DATED OCTOBER 1977. IT INCLUDES A LOCATION MAP, 17
ANNOTATED PHOTOGRAPHS, A PERSPECTIVE DRAWING, LISTINGS OF NEWLY CONSTRUCTED FACILITIES, AND CHRONOLOGIES
OF OBSERVATIONS OF BOTH CSA-X-2 AND STYX-ASSOCIATED EQUIPMENT.

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141
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NPCCA IAR IAR0113-79 DEC 79 SEC CLASS: 14 MSN: 0008P ACCN: S08924125X1

MILITARY, AIR DEFENSE ACTIVITY MZ
WAC NO : BE/OBJ NO: NPIC NO : -
IUHS CODE: EPF CAT : 35 COMIREX NO:

DOCUMENT TITLE: AIR DEFENSE ACTIVITY IN MOZAMBIQUE (S)
THERE HAS BEEN A NOTICEABLE EFFORT TO IMPROVE THE AIR DEFENSES IN MOZAMBIQUE SINCE LARGE-SCALE RAIDS WERE CONDUCTED BY ZIMBABWE-RHODESIA ON ZIMBABWE AFRICAN NATIONAL UNION CAMPS IN MOZAMBIQUE IN NOVEMBER 1977. CONTINUED AIR RAIDS AGAINST THE GUERRILLA CAMPS AS WELL AS AGAINST SOME MILITARY FACILITIES MAKE THESE DEFENSIVE MEASURES PARTICULARLY SIGNIFICANT TO MOZAMBIQUE. AIR DEFENSE IMPROVEMENTS INCLUDE THE DEPLOYMENT OF AIR WARNING (AW) RADARS, DEPLOYMENT OF THE SA-3 MISSILE SYSTEM, RECEIPT OF SOVIET FIGHTER AIRCRAFT, AND CONSTRUCTION OF PROTECTIVE REVETMENTS AT A MAJOR AIRFIELD.

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NPCCA IAR IAR0114-79 JAN 80 Z20025-79 SEC CLASS: 05G MSN: 0004P ACCN: S089301

SINANJU MUNITIONS PLANT

WAC NO : []

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

KN 393400N 1253940E

NPIC NO : - 12-M1

COMIREX NO:

25X1

UM DONG MUNITIONS PLANT

WAC NO : []

IDHS CODE: []

BE/OBJ NO: []

EPF CAT : 35G

KN 391350N 1260910E

NPIC NO : - 76-B7

COMIREX NO:

25X1

DOCUMENT TITLE: NEW MUNITIONS PLANTS IDENTIFIED IN NORTH KOREA (S)
TWO NEW MUNITIONS PLANTS WERE RECENTLY IDENTIFIED IN THE WEST-CENTRAL PORTION OF NORTH KOREA. THE PLANTS, APPROXIMATELY 30 NAUTICAL MILES APART, ARE SINANJU MUNITIONS PLANT AT 39-34-00N 125-39-40E AND UM-DONG MUNITIONS PLANT AT 39-13-50N 126-09-10E.
THE ADDITION OF THESE TWO PLANTS WILL SIGNIFICANTLY IMPROVE NORTH KOREA'S CAPABILITY TO SUPPLY ITS ARMED FORCES WITH DOMESTICALLY PRODUCED MUNITIONS.

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NPCCA IAR IAR0111-79 JAN 80 SEC CLASS: 14B MSN: 0026P ACCN: S089308

SHIPS, TYPHOON CLASS SSBN CONSTRUCTION	UR	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 75D	COMIREX NO:
SEVERODVINSK SHIPYARD 402 TYPHOON SSBN CONST	UR 643438N 0394832E	
WAC NO :	BE/OBJ NO:	NPIC NO : - 7-A
IDHS CODE:	EPF CAT : 75E	COMIREX NO:

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DOCUMENT TITLE: TYPHOON SSBN CONSTRUCTION AT SEVERODVINSK SHIPYARD 402 USSR (TSR)
 THIS REPORT SUMMARIZES PREVIOUSLY REPORTED INFORMATION OF INTELLIGENCE SIGNIFICANCE RELATED TO THE PRODUCTION OF NEW SERIES, NUCLEAR-POWERED, BALLISTIC MISSILE SUBMARINE (SSBN) AT SEVERODVINSK SHIPYARD 402, USSR. IMAGERY DATA AND INDIVIDUAL ITEMS HAVE BEEN REPORTED IN VARIOUS NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER (NPIC) PRODUCTS. BECAUSE NO INTELLIGENCE COMMUNITY NAME HAS BEEN GIVEN TO THIS SUBMARINE, THE SOVIET DESIGNATION TYPHOON WILL BE USED IN THIS REPORT. ALL USABLE KEYHOLE IMAGERY RELATED TO THE IDENTIFICATION OF COMPONENTS ASSOCIATED WITH THE CONSTRUCTION OF THE TYPHOON SSBN WAS USED IN THE PREPARATION OF THIS REPORT. THIS REPORT CONTAINS 38 ILLUSTRATIONS (ANNOTATED PHOTOGRAPHS AND CONCEPTUAL DRAWINGS) WHICH ARE PRESENTED CHRONOLOGICALLY AND ARE KEYED TO THE TEXT.

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DIADA IIM 5B1-52052-80 14 JAN 80 [redacted] SEC CLASS: 14 MSN: [redacted] 0006P ACCN: S08931825X1

LOVECH AMMUNITION DEPOT SW 503 BU 430651N 0244142E
WAC NO : [redacted] BE/OBJ NO: [redacted] NPIC NO : - 50-B
IDHS CODE: [redacted] EPF CAT : 35F COMIREX NO: [redacted]

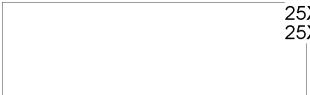
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DOCUMENT TITLE: LOVECH AMMUNITION DEPOT SW 503 (S/WINTEL)



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TOP SECRET CHESS RUFF [Redacted]

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DIADA IIM 5B1-52044-80 10 JAN 80 [Redacted] SEC CLASS: 14 MSN: [Redacted] 0004P

ACCN: S089320

SVERDLOVSK RESERVE ARMOR STORAGE DEPOT UR 565818N 0603624E
WAC NO : [Redacted] BE/OBJ NO: [Redacted] NPIC NO : -
IDHS CODE: [Redacted] EPF CAT : 35F COMIREX NO:

DOCUMENT TITLE: SVERDLOVSK RESERVE ARMOR STOR DPO (UR MD)

DIADA IIM 5B1-52009-80 11 JAN 80 [Redacted] SEC CLASS: 14 MSN: [Redacted] 0003P

ACCN: S089321

AIRCRAFT: BEAR E TU-95 UR
WAC NO : [Redacted] BE/OBJ NO: [Redacted] NPIC NO : -
IDHS CODE: [Redacted] EPF CAT : 05D COMIREX NO:

DOCUMENT TITLE: BEAR E AIRCRAFT (S)

AF FB PAR 8-79 10 OCT 79 SEC CLASS: 07 MSN: [Redacted] 0002P

ACCN: S089328

AIRCRAFT: FLOGGER G MIG-23 INFRARED POD ANAL UR
WAC NO : [Redacted] BE/OBJ NO: [Redacted] NPIC NO : -
IDHS CODE: [Redacted] EPF CAT : 05D COMIREX NO:

DOCUMENT TITLE: FLOGGER G IR POD ANALYSIS (U)
THE PRELIMINARY DIMENSIONS OF THE IR POD OBSERVED ON FLOGGER G AIRCRAFT PHOTOGRAPHED AT KOTHEN AIRFIELD
ON [Redacted] ARE GIVEN IN THIS REPORT.*

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CIACS BIIR RCS13-0002-80 DEC 79 [Redacted] SEC CLASS: 14B MSN: [Redacted] 0039P

ACCN: 5089463 25X1
25X1

[Redacted]

TURNU MAGURELE CHEMICAL FERTILIZER PLANT	RO	434320N	0245340E
WAC NO :	BE/OBJ NO:	NPIC NO :	- 273
IDHS CODE:	EPF CAT : 30F	COMIREX NO:	[Redacted]
PLOIESTI CHEMICAL PLANT VALEA CALUGAREASCARO	RO	445656N	0260959E
WAC NO :	BE/OBJ NO:	NPIC NO :	- 90-F1
IDHS CODE:	EPF CAT : 30F	COMIREX NO:	[Redacted]
NAVODARI SULFURIC ACID + CHEMICAL FTLZR PLT	RO	441850N	0283508E
WAC NO :	BE/OBJ NO:	NPIC NO :	- 40-B
IDHS CODE:	EPF CAT : 30F	COMIREX NO:	[Redacted]
FAGARAS CHEMICAL + EXPLOSIVES PLANT 1	RO	454838N	0245848E
WAC NO :	BE/OBJ NO:	NPIC NO :	- 42
IDHS CODE:	EPF CAT : 30F	COMIREX NO:	[Redacted]

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FAGARAS CHEMICAL + EXPLOSIVES PLANT 1	RO	454838N 0245848E
WAC NO :	BE/OBJ NO:	NPIC NO : - 42
IDHS CODE:	EPF CAT : 35G	COMIREX NO:
TIRGU MURES CHEMICAL COMBINE	RO	463049N 0243014E
WAC NO :	BE/OBJ NO:	NPIC NO : - 115-C1
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
SLOBOZIA NITROGEN FERTILIZER PLANT	RO	443200N 0272255E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
SAVINEST CHEMICAL FIBERS COMBINE ROZNOV	RO	465210N 0262828E
WAC NO :	BE/OBJ NO:	NPIC NO : - 189
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
CRAIOVA CHEMICAL COMBINE ISALNITA	RO	442302N 0234305E
WAC NO :	BE/OBJ NO:	NPIC NO : - 54
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
BACAU CHEMICAL COMBINE	RO	463128N 0265618E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
ARAD CHEMICAL COMBINE	RO	461030N 0212530E
WAC NO :	BE/OBJ NO:	NPIC NO : - 4-C
IDHS CODE:	EPF CAT : 30F	COMIREX NO:
INDUSTRY, CHEMICAL FERTILIZER PRODUCTION FAC	RO	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 30F	COMIREX NO:

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DOCUMENT TITLE: ROMANIAN CHEMICAL FERTILIZER PRODUCTION FACILITIES (U)
 THIS REPORT PRESENTS THE RESULTS OF PHOTOGRAPHIC ANALYSIS OF THE 11 FACILITIES THAT PRODUCE ALMOST ALL OF ROMANIA'S CHEMICAL FERTILIZERS. THE REPORT OUTLINES THE NATURE, SCOPE, AND DEVELOPMENT OF THE INDUSTRY WITH THE ASSISTANCE OF A GRAPH, A FLOW DIAGRAM, AND A DATA TABLE. PHOTOGRAPHS AND DESCRIPTIONS OF THE 11 FACILITIES ARE ALSO INCLUDED. THE IMPACT OF IMPORTED TECHNOLOGY ON THE DEVELOPMENT OF ROMANIA'S FERTILIZER INDUSTRY AND TRENDS IN THE FOREIGN PURCHASE PROGRAM ARE DISCUSSED, AS ARE CIVIL DEFENSE MEASURES OBSERVED AT THE PLANTS.

CIACS BIRK RCS13-0001-80 JAN 80 SEC CLASS: 14B MSN: 0021P

ACCN: S08946525X1

SZCZECIN PETROLEUM REFINERY	PL	532440N 0143600E
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 30B	COMIREX NO:
PLOCK PETROLEUM REFINERY	PL	523513N 0194016E
WAC NO :	BE/OBJ NO:	NPIC NO : - 105-A
IDHS CODE:	EPF CAT : 30B	COMIREX NO:
KROSNO PETROLEUM REFINERY JEDLICZE	PL	494245N 0213934E
WAC NO :	BE/OBJ NO:	NPIC NO : - 266

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154
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IDHS CODE: []	EPF CAT : 30B	COMIREX NO: []	25X1
KEDZIEKZYŃ PETROLEUM REFINERY U/C	WAC NO : []	PL 502023N 0181800E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 30B	COMIREX NO:	
JASLO PETROLEUM REFINERY	WAC NO : []	PL 494326N 0212731E	25X1
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 60-B	25X1
IDHS CODE: []	EPF CAT : 30B	COMIREX NO: []	25X1
GORLICE PETROLEUM RFY GLINIK MARIAMPOLSKI	WAC NO : []	PL 494026N 0211030E	25X1
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 46-A	25X1
IDHS CODE: []	EPF CAT : 30B	COMIREX NO: []	25X1
GDANSK PETROLEUM REFINERY U/C	WAC NO : []	PL 542100N 0184500E	25X1
WAC NO : []	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 30B	COMIREX NO: []	25X1
CZELCHOWICE PETROLEUM REFINERY DZIEDZICE	WAC NO : []	PL 495432N 0190058E	25X1
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 39	25X1
IDHS CODE: []	EPF CAT : 30B	COMIREX NO:	
CHRZANOW PETROLEUM REFINERY	WAC NO : []	PL 500939N 0192650E	25X1
WAC NO : []	BE/OBJ NO: []	NPIC NO : -	
IDHS CODE: []	EPF CAT : 30B	COMIREX NO:	
INDUSTRY, PETROLEUM REFINERIES	WAC NO : []	PL	
WAC NO : []	BE/OBJ NO: []	NPIC NO : -	
IDHS CODE: []	EPF CAT : 30B	COMIREX NO:	

DOCUMENT TITLE: POLAND'S PETROLEUM REFINING INDUSTRY (U)

BETWEEN JANUARY 1960 AND AUGUST 1979, POLAND'S ESTIMATED PETROLEUM REFINING CAPACITY INCREASED STEADILY FROM 1.9 MILLION METRIC TONS PER YEAR (MMT/YR) TO ALMOST 17 MMT/YR. POLAND HAS A TOTAL OF EIGHT OPERATING REFINERIES AND ONE UNDER CONSTRUCTION, BUT 70 PERCENT OF ITS CAPACITY IS IN ONE REFINERY -- AT PLOCK. MOST OF THE INCREASE IN REFINING CAPACITY BETWEEN 1960 AND 1979 RESULTED FROM ADDITIONS TO THE PLOCK REFINERY, ALTHOUGH 3 MMT/YR CAPACITY WAS ADDED WITH THE COMPLETION OF A REFINERY AT GDANSK IN 1975. IT IS TOO EARLY TO DETERMINE THE CAPACITY OF THE REFINERY UNDER CONSTRUCTION.

POLAND DEPENDS HEAVILY ON THE SOVIET UNION FOR CRUDE OIL BUT IS BECOMING INCREASINGLY DEPENDENT ON WESTERN COUNTRIES FOR PETROLEUM REFINING EQUIPMENT. THE NEW REFINERY AT GDANSK IS BASED ENTIRELY ON WESTERN TECHNOLOGY.

THE TYPE OF REFINING EQUIPMENT OBSERVED IN POLISH REFINERIES INDICATES THAT THEY ARE NOT MAXIMIZING THE PRODUCTION OF LIGHT FUELS -- SUCH AS KEROSENE, GASOLINE, AND LIGHT FUEL OIL. THEIR REFINERIES HAVE RELATIVELY FEW CRACKING UNITS AND ARE PRODUCING A HIGH YIELD OF HEAVY FUEL OILS AND ASPHALT.

BASIC DESCRIPTIONS AND ANNOTATED PHOTOGRAPHS OF POLAND'S NINE PETROLEUM REFINERIES ARE ALSO PROVIDED.

NPCCA IAK IAK0120-79 JAN 80 [] SEC CLASS: 14D MSN: 0005P ACCN: S089466 25X1

AIRCRAFT, RAM K FUSELAGE OBSERVATIONS PROB	UR
WAC NO : []	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : USD
	NPIC NO : -
	COMIREX NO:

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DOCUMENT TITLE: PROBABLE RAM K FUSELAGE OBSERVATIONS IN THE USSR (S)
ATTACHES IN THE USSR OBSERVED AND PHOTOGRAPHED A CANVAS-COVERED AIRCRAFT FUSELAGE IN TOW ON MOSCOW'S
GARDEN RING ROAD ON [REDACTED] SIMILARLY CONFIGURED CANVAS-COVERED FUSELAGES HAVE ALSO BEEN
OBSERVED ON OVERHEAD IMAGERY AT RAMENSKOYE FLIGHT TEST CENTER AND AT KOMSOMOLSK AIRFRAME PLANT
ORDZHONIKIDZE 126. COMPARISON AND MENSURATION OF THESE FUSELAGES INDICATE THAT ALL ARE PROBABLY FOR THE
SUKHOY DESIGN BUREAU'S (OKB) NEW FIGHTER, THE RAM K.

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NPCCA MEMO

30 JAN 80

SEC CLASS: 14E MSN:

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ACCN: S08947125X1

PETROPAVLOVSK PORT FACs CONT HDLG FAC SRCH UR 530039N 1583856E
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO : - 11-R1
IDHS CODE: [REDACTED] EPF CAT : 75I COMIREX NO: [REDACTED]

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DOCUMENT TITLE: PETROPAVLOSK PORT CONTAINER-HANDLING FACILITY, USSR (TSR)

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REF ID: A66544 IAR IAR0122-79 JAN 80 SEC CLASS: 14D MSN: 0005P ACCN: 5089486 25X1

CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH 435421N 1251203E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 28-B
IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []
CHANGCHUN/DAFANGSHEN AIRFIELD RSLTN TGT IDENT	CH 435421N 1251203E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 28-B
IDHS CODE: []	EPF CAT : 65	COMIREX NO: []

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DOCUMENT TITLE: RESOLUTION TARGET AND COLOR/CONTRAST PANELS IDENTIFIED AT CHANGCHUN (CHANG-CHUN) DAFANGSHEN (TA-FANG-SHEN) AIRFIELD, PRC (S)

A RESOLUTION TARGET CONTAINING A SIEMAN STAR, A TRIBAR ARRAY, EDGE SCAN BARS, AND PANELS FOR DIFFERENTIATING COLOR OR BLACK-AND-WHITE FILM CONTRAST WERE IDENTIFIED AT CHANGCHUN (CHANG-CHUN) DAFANGSHEN (TA-FANG-SHEN) AIRFIELD IN THE SHENYANG MILITARY REGION (MR) OF THE PEOPLE'S REPUBLIC OF CHINA (PRC) ON IMAGERY OF [] THIS IS THE FIRST IDENTIFICATION OF A SIEMAN STAR AND THE THIRD IDENTIFICATION OF A RESOLUTION TARGET IN THE PRC. PREVIOUSLY, TRIBAR RESOLUTION TARGETS HAD BEEN IDENTIFIED AT XIAN/XIAGUAN (HSI-AN/HSI-KUAN) AIRFIELD AND WUZHUSI (WU-CHU-SSU) AIRFIELD IN THE LANCHOU MR. IN ADDITION, THIS IS THE FIRST IDENTIFICATION OF COLOR/BLACK-AND-WHITE CONTRAST PANELS IN THE PRC.

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NPCCA BIIR RCA09-0034-79 JAN 80 [Redacted] SEC CLASS: 14B MSN: [Redacted] 0004P

ACCN: 5089488 25X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 UR 554846N 0373034E
WAC NO : [Redacted] BE/OBJ NO: [Redacted] NPIC NO : - 97-B1
IDHS CODE: [Redacted] EPF CAT : 05G COMIREX NO: [Redacted]

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DOCUMENT TITLE: MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155, USSR
THIS REPORT UPDATES NPIC REPORT [Redacted] DATED FEBRUARY 1972, AND SUPERSEDES A SECTION OF NPIC
REPORT [Redacted] DATED SEPTEMBER 1977. THIS REPORT COVERS THE PERIOD FROM [Redacted] THE
INFORMATION CUTOFF DATE OF THE UPDATED REPORT, THROUGH [Redacted] AND SATISFIES THE BASIC REPORTING
REQUIREMENT FOR MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 IN THE USSR.

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A SIGNIFICANT AMOUNT OF CONSTRUCTION OCCURRED AT THE PLANT DURING THIS REPORTING PERIOD, INCREASING THE
FLOORSPACE BY 21,370 SQUARE METERS. AN ADDITIONAL 363 SQUARE METERS OF FLOORSPACE WAS UNDER CONSTRUCTION
AT THE END OF THIS REPORTING PERIOD. OF PARTICULAR SIGNIFICANCE HAS BEEN THE INCREASE IN THE
ENGINEERING/LABORATORY FLOORSPACE. THIS REPORT INCLUDES AN UPDATE OF CONSTRUCTION ACTIVITY AT THE PLANT,
A LOCATION MAP, TWO ANNOTATED PHOTOGRAPHS, AND ONE TABLE OF MENSURAL AND DESCRIPTIVE DATA.

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[Large Redacted Area]

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DIADA 11M 563-52090-60 05 FEB 80 [Redacted] SEC CLASS: 14 MSN: 0025P ACCN: 508949425X1

SARY SHAGAN MTC R+D COMPLEX FACILITY A UR 455200N 0733100E
WAC NO : [Redacted] BE/OBJ NO: [Redacted] NPIC NO : - 38-A
IDHS CODE: [Redacted] EPF CAT : 40E COMIREX NO: [Redacted]

25X1

DOCUMENT TITLE: FACILITY A, SARY SHAGAN R+D COMPLEX

NPCCA MEMO [Redacted] 06 FEB 80 [Redacted] SEC CLASS: 14B MSN: [Redacted] 0004P

ACCN: 50895425X1

GOLITSYNO RADCOM TRANSMITTER STATION UR 553415N 0370039E

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WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	- 15-C2	25X1
IDHS CODE:	[]	EPF CAT :	25D	COMIREX NO:	[]	25X1
KOBYAKOVO RADIO RELAY STATION MICROWAVE ANT		UR	553442N 0370049E			
WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	- 15-C3	25X1
IDHS CODE:	[]	EPF CAT :	25D	COMIREX NO:	[]	25X1

DOCUMENT TITLE: MICROWAVE ANTENNAS AT GOLITSYNO RADCOM TRANSMITTER STATION AND KOBYAKOVO RADREL STATION, USSR (S)

IN THIS MEMO [] PHOTOGRAPHY OF APRIL, MAY AND AUGUST 1979 [] PHOTOGRAPHY OF 1978 AND 1979 WAS REVIEWED TO PROVIDE THE NUMBER, TYPE AND ORIENTATIONS OF MICROWAVE ANTENNAS AT GOLITSYNO RADCOM XMTX STATION AND KOBYAKOVO RADREL STATION. AN ANNOTATED PHOTOGRAPH SHOWING THE LOCATIONS OF CONTROL BUILDINGS, TOWERS, AND MICROWAVE ANTENNAS AT THE STATIONS IS INCLUDED.

25X1

NPCCA MEMO R007-80 06 FEB 80 SEC CLASS: 05B MSN: 0002P ACCN: S089543

BULAKHOVKA RADIO RELAY STATION		UR	483521N 0354000E			
WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	- 161	25X1
IDHS CODE:	[]	EPF CAT :	25D	COMIREX NO:	[]	25X1

DOCUMENT TITLE: BULAKHOVKA RADIO-RELAY STATION, USSR (S)
IN THIS MEMO THE LATEST AVAILABLE PHOTOGRAPHY WAS REVIEWED TO DETERMINE THE TYPE, NUMBER AND ORIENTATION OF ANTENNAS AT BULAKHOVKA RADIO-RELAY STATION.*

NPCCA MEMO [] 13 FEB 80 [] SEC CLASS: 14B MSN: [] 0003P ACCN: S08957225X1

KRASNOYE SELO COMMUNICATIONS FAC BKR SEARCH		UR	5942 N 03010 E			
WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	-	25X1
IDHS CODE:	[]	EPF CAT :	25D	COMIREX NO:	[]	

DOCUMENT TITLE: SEARCH FOR BUNKERED COMMUNICATIONS FACILITY NEAR KRASNOYE SELO, USSR (S)

NPCCA MEMO [] 13 FEB 80 [] SEC CLASS: 14B MSN: [] 0002P ACCN: S08957225X1

STAVROPOL RADIO RELAY + TV RELAY STATION		UR	445900N 0415430E			
WAC NO :	[]	BE/OBJ NO:	[]	NPIC NO :	- 36-H	25X1
IDHS CODE:	[]	EPF CAT :	25D	COMIREX NO:	[]	

DOCUMENT TITLE: STAVROPOL RADREL A TV STATION, USSR (S)
THE NUMBER, TYPE AND ORIENTATION OF ANTENNAS AT STAVROPOL RADREL AND TV STATION ARE PROVIDED IN THIS REPORT.*

NPCCA MEMO [] 14 FEB 80 [] SEC CLASS: 14B MSN: [] 0002P ACCN: S08957225X1

161
TOP SECRET CHESS RUFF

25X1
25X1

TOP SECRET CHESS RUFF

25X1
25X1

GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	534215N 0234925E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 22-H2	
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
GRODNO RADIO RELAY/TV RELAY/FM BDCSTG STA	UR	534215N 0234925E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 22-H2	
IDHS CODE: []	EPF CAT : 25B	COMIREX NO:	25X1
DRUSKININKAI RADIO RELAY STATION SEARCH	UR	5401 N 02358 E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : -	
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1

DOCUMENT TITLE: GRODNO AREA RADIO-RELAY STATION, USSR (S)
THE NUMBER, TYPE AND ORIENTATION OF ANTENNAS AT GRODNO RADREL AND TV RELAY AND FM BROADCASTING STATION ARE PROVIDED IN THIS REPORT. THE RESULTS OF A SEARCH OF THE DRUSKININKAI AREA FOR A NEW RADIO-RELAY STATION WERE NEGATIVE.*

NPCCA MEMO R217-79 14 FEB 80 SEC CLASS: 05B MSN: 0002P ACCN: S089575

KRASNOGORSK SPACE DEFENSE FORCE HQ POSS	UR	554840N 0371710E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 68-B	
IDHS CODE: []	EPF CAT : 35A	COMIREX NO:	25X1

DOCUMENT TITLE: SEARCH FOR SPACE DEFENSE FORCE (PKO) HEADQUARTERS AT PAVASHINO, USSR (S)
THE LATEST PHOTOGRAPHY WAS REVIEWED TO IDENTIFY THE HEADQUARTERS OF THE SOVIET SPACE DEFENSE FORCE (PKO) WHICH IS REPORTED TO BE AT PAVASHINO, USSR. A CANDIDATE FOR THE HEADQUARTERS WAS IDENTIFIED 2.2 NAUTICAL MILES (NM) WEST OF PAVASHINO, ADJACENT TO A CEMENT PLANT AS DESCRIBED IN INTELLIGENCE REPORT [] 18 OCT. 1979.

NPCCA IAR IAR0103-79 NOV 79 Z20022-79 SEC CLASS: 05G MSN: 0004P ACCN: S089598 25X1

YAIHSIEN CRUISE MISSILE SUPPORT FACILITY	CH	181627N 1093000E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 5-D3	
IDHS CODE: []	EPF CAT : 40K	COMIREX NO:	25X1
MISSILES, CSSC-2 DEPLOYMENT	CH	181811N 1091045E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 17-C2	
IDHS CODE: []	EPF CAT : 40K	COMIREX NO:	25X1
YATICHENG COASTAL DEFENSE CRUISE MISSILE SITE	CH	182052N 1093427E	
WAC NO : []	BE/OBJ NO: []	NPIC NO : - 32-A1	
IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	25X1 25X1

DOCUMENT TITLE: MOBILE CRUISE MISSILES (STYX) DEPLOYED TO SOUTH CHINA (S)

162
TOP SECRET CHESS RUFF

25X1
25X1



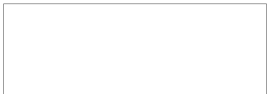
TOP SECRET CHESS RUFF



25X1

THE PEOPLE'S REPUBLIC OF CHINA (PRC) HAS DEPLOYED THE FIRST MOBILE CRUISE MISSILE (CM)-STYX-BATTALION IN SOUTH CHINA TO THE YULIN (YU-LIN) AREA ON HAINAN ISLAND. CONSTRUCTION OF A CM LAUNCH SITE AND A CRUISE MISSILE SUPPORT FACILITY (CMSF) WERE ALSO IN PROGRESS.

TOP SECRET CHESS RUFF



25X1

25X1

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TOP SECRET



TOP SECRET

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