

TOP SECRET

(See inside cover)

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



MONTHLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JULY 1979

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PEP-007/79
AUGUST 1979
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PHOTOGRAPHIC EXPLOITATION PRODUCTS

**MONTHLY INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
JULY 1979**

AUGUST 1979

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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)
FEDR	- 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

- 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]
- 21 - TOP SECRET [redacted]
- 22 - TOP SECRET CHESS [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

AF - AIR FORCE

ARMY - ARMY

[redacted]

CIA - CENTRAL INTELLIGENCE AGENCY

DIA - DEFENSE INTELLIGENCE AGENCY

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE

COMMITTEE

[redacted]

JOINT - JOINT (2 or more USIB members participating)

NATO - NORTH ATLANTIC TREATY ORGANIZATION

NAVY - NAVY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NSA - NATIONAL SECURITY AGENCY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

[redacted]

SAC - SAC (544th RTS)

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

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

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

STL - SPACE TECHNOLOGY LABORATORY

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USIB - UNITED STATES INTELLIGENCE BOARD

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EPF SUBJECT CATEGORIES

- 05 - AIR ACTIVITY
Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.
- 10 - GENERAL ACTIVITY
Complex studies, unidentified installations/equipment, and terrain or analyses, agriculture analyses.
- 13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY
Research, production, testing, training, and storage.
- 15 - COMPREHENSIVE REPORTS
Mission readouts, summaries, and country or area studies.
- 25 - ELECTRONICS/COMMUNICATIONS ACTIVITY
Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.
- 30 - INDUSTRIAL ACTIVITY
Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)
- 35 - MILITARY ACTIVITY
Ground force installations/equipment, production, testing, research, and repair.
- 40 - MISSILE & SPACE ACTIVITY
Sites, research, production, storage, and equipment.
- 55 - NUCLEAR ACTIVITY
Mining, production research, testing, storage, and nuclear power plants.
- 60 - OVERLAYS/PLOTS
Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.
- 65 - RESEARCH AND DEVELOPMENT ACTIVITY
Technical publications and miscellaneous R&D installations.
- 75 - NAVAL ACTIVITY
Submarine bases, naval bases and air stations, shipyards, research, and equipment.
- 80 - STORAGE ACTIVITY (NON-MILITARY)
POL storage, agricultural storage, and industrial storage.
- 85 - TRANSPORT AND PIPELINE ACTIVITY
Road and rail activity, pipelines, and canal systems.

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PART I

Listing of Reports Alphabetically

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SUBJECT	COUN	COORD	ACCN NO.
ADEN AIRFIELD INTERNATIONAL MAY IL-38 IDENT	YS	124940N 0450150E	S087406
AIRCRAFT, AIRBORNE COMMAND RLTD NATL LEVEL	UR		S087212
AIRCRAFT, BACKFIRE ENGINE INLETS MODIFIED	UR		S087424
AIRCRAFT, BISON A M-4 DISMANTLEMENT	UR		S087780
AIRCRAFT, CANDID IL-76 ROTODOME	UR		S087343
AIRCRAFT, CLASSIC IL-62 COMSAT MODIFICATION	UR		S087212
AIRCRAFT, COOT IL-18 AIRBORNE COMD POST MODIF	UR		
AIRCRAFT, COOT IL-18 COMMO RELAY MODIFICATION	UR		
AIRCRAFT, CRUSTY TU-134 COMSAT MODIFICATION	UR		
AIRCRAFT, CRUSTY TU-134 VIP MODIFICATION	UR		
AIRCRAFT, KASP A	UR		S087357
AIRCRAFT, MOSS TU-126 MODIFIED POD ANALYSIS	UR		S087324
AIRCRAFT, RAM L	UR		S087356
AIRFIELDS, LRA AIRFIELDS MAINTENANCE ACTIVITY	UR		S087527
AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S087313
AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S087342
AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S087313
AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S087342
AKHTUBINSK/VLADIMIROVKA AFLD A/C ROTODOME ANAL	UR	481838N 0461424E	S087326
AL ANAD AIRFIELD CONSTRUCTION	YS	130940N 0444630E	S087405
AL BASRAH NAVAL TRNG FAC REBEL GUERILLA TRNG	IZ	3047 N 04746 E	S087061
AL GHAYDAH MILITARY CAMP INFANTRY BN HQ	YS	161150N 0521120E	S087427
AOUINET BEL EGRA SAHARAN REFUGEE CAMPS	AG	2650 N 00651 W	S087426
ARSENIEV AIRFRAME PLANT 116	UR	440859N 1331523E	S087412

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SUBJECT	COUN	COORD	ACCN NO.
ARSENYEV TV BROADCASTING CENTER	UR	440640N 1332045E	S087778
ARTEMOVSK ORDNANCE DEPOT D01	UR	483357N 0375750E	S087532
[REDACTED]			
BAKHMACH RADIO RELAY STATION WEST	UR	510732N 0323750E	S087059
BARYSHEVKA RADIO RELAY STATION	UR	502205N 0312005E	
BAYAN SUMA AMMUNITION STORAGE DEPOT DA1	MG	471430N 1072900E	S087677
BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA	UR	503433N 0363450E	S087059
BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA	UR	503433N 0363450E	
BELTSEKOVKA TV RELAY STATION	UR	494030N 0334415E	
BEREZAN RADIO RELAY STATION	UR	501805N 0312805E	
BEREZOVKA ARMY BARRACKS AL1 ENGINEER BRIGADE	UR	503411N 1275124E	S087678
BEREZOVKA ARMY BARRACKS AL2 ENGINEER BRIGADE	UR	503220N 1275010E	
BIYSK SOLID MOTOR PRODUCTION PLANT 1	UR	522905N 0850710E	S087110
BIYSK SOLID MOTOR PRODUCTION PLANT 2	UR	522850N 0850300E	
BIYSK SOLID MOTOR TEST AREA 1	UR	523054N 0850500E	
BIYSK SOLID MOTOR TEST AREA 2	UR	523119N 0850154E	
BLAGOVESHCHENSK HEAT + THERMAL POWER PLANT	UR	550148N 0560159E	S087058
BOBROVIŤSA RADIO RELAY STATION	UR	504515N 0312128E	S087059
BOGANDINSKIY RADIO RELAY STATION	UR	565320N 0655400E	S087648
BOGODUKHOV RADIO RELAY STATION	UR	501040N 0353030E	S087059
[REDACTED]			
BOLSHOY TOKMAK AIRFIELD	UR	471717N 0354238E	S087525
BORISPOL RADIO RELAY STATION	UR	501835N 0310428E	S087059
BORISPOL RADIO RELAY STATION 2	UR	502100N 0305710E	

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SUBJECT	COUN	COORD	ACCN NO.
BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE	UR	502112N 1162832E	S087531
BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS	UR	502950N 0304430E	S087772
BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121	UR	532402N 0340534E	S087110
BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121	UR	532402N 0340534E	S087110
BRYANSK RADIO RELAY STATION	UR	531220N 0342455E	S087059
BULAKHOVKA RADIO RELAY STATION	UR	483600N 0353900E	S087618
BUY AMMUNITION STORAGE DEPOT 50	UR	582601N 0413241E	S087764

CHANDIGARH ORDNANCE RSCH LAB TEST/CONST ACT	IN	303830N 0765400E	S087423
CHANGCHIANG SSM/SPACE TRACKING FACILITY	CH	192139N 1090822E	S087311
CHANGCHIANG SSM/SPACE TRACKING FACILITY	CH	192139N 1090822E	S087346
CHEGLA AIRFIELD NW	UR	602835N 0330154E	S087765
CHELYABINSK STEEL + MACHINE TOOL PLANT ORDZ 2	UR	550849N 0612830E	S087154
CHEKASSY TV RELAY + FM BROADCAST STATION	UR	492740N 0320210E	S087059
CHIENSHUI SSM COMPLEX SITE 9 ANTENNA	CH	235517N 1023458E	S087328
CHIENSHUI SSM RIM FACILITY ANTENNAS	CH	233950N 1025630E	S087328
CHINHSI SSM R+D TEST CPLX CSA-X-2 TEST ACT	CH	404126N 1205309E	S087121
DARNITSA RADIO RELAY STATION	UR	502725N 0304350E	S087059
DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	3537 N 06700 E	S087061
DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	3537 N 06700 E	S087061
DMITROV MISSILE PROPULSION R+D FACILITY	UR	562539N 0372846E	S087371
DNEPROPETROVSK MISSILE DPC TEST STAND 5	UR	482601N 0345828E	S087345
DNEPROPETROVSK MISSILE DPC TEST STAND 5	UR	482601N 0345828E	S087309

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SUBJECT	COUN	COORD	ACCN NO.
DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	482601N 0345828E	S087341
[REDACTED]			
DROVYANAYA SSM COMPLEX RVT AREA SS-20 EXER CF	UR	512750N 1130031E	S087130
DROVYANAYA SSM POSITION 2 RESOLUTION TARGET	UR	512458N 1130440E	
DROVYANAYA SSM POSITION 2 RESOLUTION TARGET	UR	512458N 1130440E	
DROZDY RADIO RELAY STATION 2	UR	511840N 0361055E	S087059
DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING	UR	425400N 1322110E	S087117
DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING	UR	425400N 1322110E	
EKIBASTUZ COAL MINING ACTIVITY	UR	5143 N 07519 E	S087055
EKIBASTUZ THERMAL POWER PLANT GRES	UR	515300N 0752320E	
EL UOTIA AIRFIELD STAR-SHAPED BUILDINGS U/C	LY	322810N 0115400E	S087401
ELECTRONICS, ANTENNAS U/I VERT TWRS PALATKI	UR		S087381
ELECTRONICS, LOOK-DOWN SHOOT-DOWN RADAR	UR		S087382
ELECTRONICS, POINTER TRACKER SARY SHAGAN MTC	UR		S087380
ELECTRONICS, R-123/R-123M TRANSCEIVERS GSF6	UR		S087117
ELECTRONICS, TALL KING EW RADAR FACILITIES	PL		S087450
ELECTRONICS, TALL KING EW RADAR FACILITIES	CZ		
ELECTRONICS, TALL KING EW RADAR FACILITIES	HU		
[REDACTED]			
ELECTRONICS, WISHBONE ANTENNA	PL		S087567
EMBA MTC SS-1 FAD-708 INSTRUMENTATION EQUIP	UR	483800N 0580300E	S087205
ENGELS AIRFIELD BISON A MI-4 DISMANTLED	UR	512845N 0461250E	S087780
FANGCHI ARMS PLANT WSW	CH	281950N 1143110E	S087153

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SUBJECT	COUN	COORD	ACCN NO.
FATEZH RADIO RELAY STATION SOUTH	UR	520351N 0355305E	S087059
FROLISHCHI CHEMICAL WARFARE STORAGE DEPOT	UR	5624 N 04239 E	S087763
GALENKI ESV TRACKING/MOLNIYA FACILITY	UR	440130N 1314545E	S087778
GATCHINA AIRFIELD	UR	593630N 0301630E	S087770
GIURGIU PORT COMPLEX	RO	435318N 0255839E	S087612
GLOBINO RADIO RELAY STATION	UR	492902N 0331033E	S087059
GOLUBOVKA RADIO RELAY STATION	UR	485255N 0351935E	S087618
GORKIY SHIPYARD 112	UR	562142N 0435228E	S087063
GOTEBORG SHIPYARD ARENDAL GOTAVERKEN DRYDOCK	SW	574212N 0114820E	S087117
HALAKASSUTE SSM/SPACE TRACKING FACILITY	CH	404521N 0871327E	S087316
HALAKASSUTE SSM/SPACE TRACKING FACILITY	CH	404521N 0871327E	S087360

HAWF ARTILLERY BATTERIES	YS	1638 N 05301 E	S087427
HUAYIN WEAPONS TEST FACILITY EAST	CH	343545N 1100650E	S087214
ILEM SELGA RADIO RELAY STATION	UR	621750N 0343040E	S087777
ILLARIONOVO RADIO RELAY STATION SE	UR	482115N 0352150E	S087618
IMENI TSYURUPY RADIO RELAY STATION	UR	553130N 0383930E	S087902
INDUSTRY, ELECTRIC POWER PLANTS	CH		S087215
INDUSTRY, SYNTHETIC RUBBER INDUSTRY	UR		S087117
INDUSTRY, THERMAL POWER PLANTS NEW	UR		S087058
IRKUTSK AIRFIELD NW	UR	522200N 1041100E	S087213
IRKUTSK AIRFRAME PLANT 39	UR	522131N 1041216E	

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SUBJECT	COUN	COORD	ACCN NO.
ISKROVKA RADIO RELAY STATION SW	UR	494905N 0350925E	S087059
IVANKOVSKIY GUIDED MISSILE PLANT	UR	564521N 0370700E	S087331
IZHEVSK HEAT + THERMAL POWER PLANT TETS 2	UR	565328N 0532026E	S087058
JABAL SHABUT MECHANIZED INFANTRY BATTALION	YS	1700 N 05150 E	S087427

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KAGAN ARMY BARRACKS AL1	UR	394311N 0643223E	S087672
KALININGRAD SHIPYARD STATE 820	UR	544137N 0202616E	S087063
KAMCHATKA MISSILE IMPACT AREAS CRATERS	UR	5712 N 16133 E	S087319
KAMENSK SHAKHTINSKIY SOLID MOTOR PROD PLANT	UR	481750N 0401049E	S087110
KANEV PASSIVE RADIO RELAY STATION GOAL POST	UR	494248N 0312936E	S087059
KANEV RADIO RELAY STATION	UR	494427N 0312639E	
KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	UR	483555N 0461752E	S087350
KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	UR	483555N 0461752E	S087351
KAPUSTIN YAR MTC CPLX C SITE 1 SS-16/20 TEL	UR	483658N 0461800E	S087207
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	S087313
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	S087342
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	
KAPUSTIN YAR MTC SL-8 ACTIVITY	UR	484107N 0455853E	S087314

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SUBJECT	COUN	COORD	ACCN NO.
KAPUSTIN YAR MTC SS-20 DEPLOYMENT PATTERNS	UR	484107N 0455853E	S087349
KAPUSTIN YAR MTC TRACKING FACIL BAR LOCK RDR	UR	482110N 0471210E	S087318
KAPUSTIN YAR/TURGAY AW RADAR FACILITY EAST	UR	482550N 0471002E	
KAZAN AIRFRAME PLANT GORBUNOV BACKFIRE MODIF	UR	555140N 0490700E	S087424
KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392	UR	552416N 0855815E	S087110
KEMEROVO SOLID MOTOR PRODUCTION PLANT	UR	552458N 0855832E	
KHABAROVSK SHIPYARD USSURI SOUTH 876	UR	482405N 1350226E	S087063
KHABAROVSK/BLAGODATNOYE AIRFIELD CF ACTIVITY	UR	482436N 1352500E	S087404
KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER	UR	500026N 0361334E	S087059
KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER	UR	500026N 0361334E	
KHOLMECH RADIO RELAY STATION	UR	523012N 0341248E	
KHOROL AIRFIELD EAST BISON AIRCRAFT	UR	442650N 1320743E	S087533
KISKUNLACHAZA AIRFIELD FLOGGER MIG-23 A/C	HU	471041N 0190426E	S087524
KIYEV AERODYNAMIC TEST FACILITY	UR	504450N 0303120E	S087148
KIYEV LONG DISTANCE TELEPHONE SWITCHING CTR	UR	502642N 0303036E	S087059
KIYEV RADIO RELAY STATION	UR	502657N 0303045E	
KIYEV TV STATION	UR	502755N 0302705E	
KOLOMNA MISSILE DESIGN BUREAU 1 SUSP IDENT	UR	550410N 0384810E	S087570
KOLOMNA MISSILE DESIGN BUREAU 2 SUSP IDENT	UR	550440N 0384920E	
KOMMUNAR RADIO RELAY STATION	UR	563435N 0653030E	S087648
KOMSOMOLSK AIRFRAME PLT ORDZH 126 FITTER CNTS	UR	503518N 1370525E	S087410
KOMSOMOLSK SHIPYARD AMUR 199	UR	503232N 1370248E	S087063
KOMSOMOLSK TANK STORAGE DEPOT D03	UR	504134N 1365211E	S087611
KOMSOMOLSKIY AIRFIELD	UR	690840N 1724030E	S087768
KONCHOZERO RADIO RELAY STATION	UR	620743N 0335952E	S087777

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SUBJECT	COUN	COORD	ACCN NO.
KONOTOP TV RELAY STATION	UR	511400N 0331200E	S087059
KONSTANTINOVSKIY ARMY BARRACKS	UR	574612N 0393425E	S087523
KOSTROMA ICBM SITE 87 TYPE 3H SILO COMPONENTS	UR	573207N 0413314E	S087444
KOSTROMA SSM CPLX SILO MAT RCVG TYPE 3H CMPNT	UR	575055N 0411445E	
KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR	560236N 0930237E	S087110
KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR	560236N 0930237E	
KROLEVETS RADIO RELAY STATION	UR	513233N 0332129E	S087059
KURSK RADIO RELAY + TV RELAY STATION WEST	UR	514530N 0360730E	
KURSK RADIO RELAY + TV RELAY STATION WEST	UR	514530N 0360730E	
KYAPPESELGA RADIO RELAY STATION	UR	623930N 0341520E	S087777
LASA SSM/SPACE TRACKING FACILITY	CH	293855N 0910516E	S087569
LENINGRAD SHIPYARD ADMIRALTY 194	UR	595502N 0301618E	S087063
LENINGRAD SHIPYARD BALTIYSK 189 189A CLASS AG	UR	595518N 0301539E	S087408
LENINGRAD SHIPYARD PETROVSKIY	UR	595736N 0301512E	S087063
LENINGRAD SHIPYARD SUDOMEKH 196	UR	595541N 0301645E	
LENINGRAD SHIPYARD ZHDANOV 190	UR	595233N 0301406E	
LENINGRAD SHIPYARD ZHDANOV 190 WARSHIPS U/C	UR	595233N 0301406E	S087402
LENNOY RADIO RELAY STATION	UR	501301N 0361600E	S087059
LESZAVODSK RADIO RELAY STATION	UR	452730N 1332530E	S087778
LIPOVOVE RADIO RELAY STATION	UR	492722N 0323754E	S087059

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SUBJECT	COUN	COORD	ACCN NO.
LYUBOTIN RADIO RELAY STATION	UR	495810N 0355200E	S087059
MALYY KAGARLYK RADIO RELAY STATION	UR	495225N 0305330E	S087059
MANDALGOVI GROUND FORCES EXERCISE SOVIET MCS 1215-1	MG	454459N 1061443E	S087451
MEREFA RADIO RELAY STATION	UR	494830N 0360205E	S087059
MIASS MISSILE DEVELOPMENT + PROD FACIL PROB	UR	550640N 0600820E	S087317
MIASS MISSILE DEVELOPMENT + PROD FACIL PROB	UR	550640N 0600820E	S087354
MIKULICHI RADIO RELAY STATION	UR	503345N 0300525E	S087059
MILITARY, ACTIVITY SUMMARY HAINAN MR	CH		S087275
MILITARY, ACTIVITY SUMMARY HUNAN MR	CH		S087278
MILITARY, ACTIVITY SUMMARY HUNAN MR	CH		S087274
MILITARY, ACTIVITY SUMMARY KWANGSI MR	CH		S087281
MILITARY, ACTIVITY SUMMARY KWANGSI MR	CH		S087277
MILITARY, ACTIVITY SUMMARY KWANGTUNG MR	CH		S087279
MILITARY, ARTILLERY R+D/TEST/EVALUATION	UR		S087204
MILITARY, ARTILLERY R+D/TEST/EVALUATION	UR		S087204
MILITARY, BROVARY RIVER CROSSING VEHICLE NEW	UR		S087772
MILITARY, COMMUNICATIONS RELAY BATTALIONS	UR		S087157
MILITARY, DONGUZ SP GUN TL-7.4 (007)	UR		S087204
MILITARY, GROUND FORCE ACTIVITY LANCHOU MR	CH		S087422
MILITARY, INFANTRY BRIGADES DEPLOYED IDENT	YS		S087427

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SUBJECT	COUN	COORD	ACCN NO.
MILITARY, LENINGRAD SP GUN/HOW TL-10.5 (008)	UR		S087204
MILITARY, LENINGRAD SP GUN/HOW TL-11.2 (009)	UR		
MILITARY, LENINGRAD SP VEH U/I ARTY RLTD(010)	UR		
MILITARY, MULTIPLE ROCKET LAUNCHER NEW IDENT	CH		S087206
MILITARY, M-1977 140MM MULTIPLE ROCKET LCHR	CH		S087393
MILITARY, NORTH YEMEN/SOUTH YEMEN BORDER ACT	YE		S087062
MILITARY, NOVOSIBIRSK GUN/HOW POSS TL-10(005)	UR		S087204
MILITARY, NOVOSIBIRSK GUN/HOW POSS TL-9 (004)	UR		
MILITARY, PERM GUN/HOWITZER POSS TL-8 (002)	UR		
MILITARY, PERM GUN/HOWITZER POSS TL-9 (003)	UR		
MILITARY, SELF-PROPELLED GUN WHEELED NEW	CZ		S087392
MILITARY, SOUTH YEMEN/NORTH YEMEN BORDER ACT	YS		S087062
MILITARY, SS-1 BRIGADE UPGRADE TRANSBAIKAL MD	UR		S087117
MILITARY, SVERDLOVSK AT GUN POSS TL-6 (001)	UR		S087204
MILITARY, SVERDLOVSK GUN/HOW POSS TL-10 (006)	UR		
MISSILES, ACTIVITY SUMMARY SALT RELATED	UR		S087428
MISSILES, CSS-X-4/CSL-2 LAUNCH INDICATORS	CH		S087421
MISSILES, CSS-X-4/CSL-2 LAUNCH INDICATORS	CH		
MISSILES, CSS-1	CH		S087347
MISSILES, MRBM/IRBM SITES ACTIVITY SUMMARY	UR		S087280
MISSILES, SLBM LIQ PRPLNT NEW UNDER DEV PROB	UR		S087111
MISSILES, SOLID PROPELLANT PRODUCTION FACILS	UR		S087110
MISSILES, SS-16/SS-20 TEL GROUND IMPRINTS	UR		S087207
MISSILES, SS-16/SS-20 TEL GROUND IMPRINTS	UR		

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TOP SECRET CHESS RUFF

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SUBJECT	COUN	COORD	ACCN NO.
MISSILES, SS-20 HIGH-BAY DRIVE-THROUGH BLDG	UR		S087429
MISSILES, SS-20 MOBILE IRBM FIELD DEPLOYMENT	UR		S087320
MISSILES, SS-20 TECHNICAL SUPPORT BUILDING	UR		S087429
MOLODEZHNYA AIRFIELD SEARCH	AY	674000S 0455120E	S087614
MOSKVA AIRCRAFT COMPONENTS PLANT 25	UR	554722N 0374250E	S087325
MOSKVA AIRCRAFT COMPONENTS PLANT 25	UR	554722N 0374250E	S087353
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S087575
MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293	UR	555444N 0372701E	S087330
MOSKVA GUIDED MISSILE R+D/PROD PLT TEST STAND	UR	555444N 0372701E	S087337
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	S087312
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	S087352
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	S087399
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	S087415
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	
MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	S087400
MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	
MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB	UR	554530N 0372928E	S087338
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S087310
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S087348
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
MOSKVA/LYUBERTSY AIRFIELD	UR	554106N 0375121E	S087370

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SUBJECT	COUN	COORD	ACCN NO.
MOSKVA/LYUBERTSY AIRFIELD HELI NEW KAMOV-DSGN	UR	554106N 0375121E	S087413
MOSKVA/SHCHELKOVO AIRFIELD VIP SUPPORT A/C	UR	555248N 0380347E	S087212
MOSKVA/VNUKOVO AIRFIELD VIP SUPPORT AIRCRAFT	UR	553529N 0371543E	
MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT	UR	552950N 0371530E	S087120
MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT	UR	552950N 0371530E	
MOZYR MOBILE IRBM BASE/TRNG FAC SS-20 WHD CAN	UR	520210N 0291108E	S087218
NAJIN SHIPYARD 28 HANTAE CL LSM SERIES PROD	KN	421416N 1301748E	S087363
NANCHING RADIO RELAY STATION BUNKERED	CH	315212N 1184630E	S087378
NARYAN MAR HELIPORT	UR	674029N 0530853E	S087774
NAUSHKI TANK DEPOT D01	UR	502251N 1060719E	S087649
NAVLYA RADIO RELAY STATION	UR	525000N 0343005E	S087059
NEZHIN RADIO RELAY STATION SOUTH	UR	510128N 0325320E	
NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445	UR	465840N 0320019E	S087063
NIKOLAYEV SHIPYARD NOSENKO 444	UR	465705N 0315816E	
NIKOLAYEV/KULBAKINO A/C REPAIR BASE BEAR D/E	UR	465507N 0320456E	S087650
NINGPO RADIO COMMUNICATIONS STATION EAST	CH	295420N 1213600E	S087377
NIZHNEKAMSK THERMAL POWER PLANT TETS 2	UR	553436N 0515623E	S087058
NOVOMOSKOVSK RADIO RELAY STATION	UR	483800N 0351500E	S087618
NOVOSIBIRSK AIRCRAFT REPAIR BASE	UR	545632N 0824203E	S087761
NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC	UR	550530N 0825409E	S087762
NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC	UR	550530N 0825409E	
NOVOSIBIRSK IRBM RTP SS-20 FIELD TRAINING	UR	551616N 0830133E	S087208

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SUBJECT	COUN	COORD	ACCN NO.
OBUKHOV RADIO RELAY STATION	UR	500700N 0303600E	S087059
OBUKHOV RADIO RELAY STATION 2	UR	500640N 0303640E	
OKTYABRSKOYE AIRFIELD BLINDER TU-22	UR	451930N 0340623E	S087651
OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR	525518N 0360908E	S087059
OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR	525518N 0360908E	
ORSHA MILITARY SUPPLY DEPOT D01	UR	543115N 0302317E	S087647
OSINOVKA RADIO RELAY STATION EAST	UR	435900N 1322125E	S087778
OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE	UR	433328N 0751205E	S087530
OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE	UR	433328N 0751205E	
OZERNOYE RADIO RELAY STATION	UR	444500N 1333730E	S087778
PAICHENG MUNITIONS TEST COMPLEX MRL NEW IDENT	CH	454431N 1223859E	S087206
PALATKI COMMAND CONTROL XMTR FAC U/I BKR ANTS	UR	544350N 0352245E	S087381
PAVLOGRAD ORDNANCE RESEARCH + DEVELOPMENT FAC	UR	483030N 0355702E	S087110
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC	UR	482658N 0355723E	
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT	UR	483401N 0354912E	
PAVLOGRAD SOLID MOTOR TEST FACILITY	UR	482605N 0355817E	
PEICHING GUIDED MISSILE PLT NANYUAN SLBM A/F	CH	394748N 1162358E	S087385
PEICHING GUIDED MSL DPC CHANGHSINTIEN-EXPSN	CH	394849N 1160805E	S087386
PERM ARMY BARRACKS AL2	UR	575931N 0561552E	S087674
PERM MILITARY TRAINING AREA TA1	UR	580022N 0562500E	S087675
PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98	UR	575807N 0555338E	S087110
PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98	UR	575807N 0555338E	
PERM ORDNANCE DEPOT CENTRAL D01	UR	575930N 0561601E	S087676

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SUBJECT	COUN	COORD	ACCN NO.
PERM SOLID MOTOR PRODUCTION PLANT	UR	575918N 0555330E	S087110
PERM STRATEGIC ROCKET FORCES BARRACKS	UR	580220N 0561610E	S087673
PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL	UR	430703N 1322017E	S087430
PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL	UR	430703N 1322017E	
PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT	UR	430703N 1322017E	S087407
PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT	UR	430703N 1322017E	
PETROZAVODSK RADIO RELAY STATION WEST	UR	615340N 0334530E	S087777
PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER	UR	614630N 0341955E	
PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER	UR	614630N 0341955E	
PLESETSK MTC ICBM SITE 28	UR	625235N 0414452E	S087344
PLESETSK MTC ICBM SITE 28	UR	625235N 0414452E	S087315
PLESETSK MTC ICBM TYPE 3E SILO CONV/MODIF ACT	UR	625746N 0402346E	S087323
POKROVKA RADIO RELAY + RADCOM XMTR STATION	UR	435700N 1314032E	S087778
POLTAVA TV BROADCAST STATION	UR	493430N 0343415E	S087059
PRILUKI TV BROADCAST STATION	UR	503730N 0322350E	S087059
PRIMORSK ROCKET ENGINE TEST FACILITY	UR	601838N 0285121E	S087453
RAMENSKOYE FLIGHT TEST CENTER BACKFIRE MODIF	UR	553418N 0380923E	S087424
RAMENSKOYE FLIGHT TEST CENTER FOXBAT MODIFIED	UR	553418N 0380923E	S087390
RAMENSKOYE FLIGHT TEST CENTER RAM J/LUK A	UR	553418N 0380923E	S087391
RAMENSKOYE FLIGHT TEST CENTER RAM K	UR	553418N 0380923E	S087409
RAZLOG AMMUNITION STORAGE FACILITY	BU	415330N 0232710E	S087617
ROSTOV AIRFRAME PLANT 168 HIND SHPG CONTS NEW	UR	471516N 0394318E	S087414

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SUBJECT	COUN	COORD	ACCN NO.
RUDNO ARMY BARRACKS AL1	UR	494950N 0235320E	S087389
RYBEZHNO AIRFIELD WEST	UR	602012N 0325558E	S087771
SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR	532438N 0555400E	S087529
SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR	532438N 0555400E	
SARATOV HEAT + THERMAL POWER PLANT TETS 5	UR	514225N 0460025E	S087058
SARY SHAGAN MTC R+D COMPLEX POINTER TRACKER	UR	455200N 0733100E	S087380
SEMIPALATINSK GRAIN PROCESSING YARD ABANDONED	UR	503735N 0775104E	S087425

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SEREDINA BUDA RADIO RELAY STATION	UR	521110N 0340135E	S087059
SEVERODVINSK NAVAL BASE WEST	UR	643420N 0394551E	S087210
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	643445N 0394716E	
SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	643514N 0394907E	
SEVERODVINSK SHIPYARD 402	UR	643438N 0394832E	

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SUBJECT	COUN	COORD	ACCN NO.
SEVERODVINSK SHIPYARD 402	UR	643438N 0394832E	S087063
SHAHSIEN SPACE TRACKING FACILITY POSS	CH	262345N 1174830E	S087576
SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	310027N 1212325E	S087327
SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	310027N 1212325E	
SHANGHAI SHIPYARD NEW U/C	CH	311723N 1213311E	S087117
SHANTAN SAM TRAINING AREA B	CH	385657N 1010807E	S087155
SHIHSUN RADIO RELAY STATION NORTH BUNKERED	CH	352317N 1101013E	S087379

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SHIPS, ATTACK SUBMARINE CONSTRUCTION PROGRAMS	UR		S087156
SHIPS, HANTAE CLASS LSM	KN		S087363
SHIPS, OPERATIONAL UNAVAILABILITY 1977-78	UR		S087440
SHIPS, PRODUCTION FACILITIES ACTIVITY 1978	UR		S087063
SHIPS, YU CHING CLASS LSM CONST PROGRAM	CH		S087119
SHIPS, YU KAN CLASS LST CONSTRUCTION PROGRAM	CH		
SHIPS, YU LIANG CLASS LSM CONST PROGRAM	CH		
SHIPS, YU WEI CLASS LSM CONSTRUCTION PROGRAM	CH		
SHIRLOVAYA GORA ARMY BARRACKS AL1	UR	503103N 1162346E	S087531
SHISHAKI RADIO RELAY STATION	UR	495220N 0335950E	S087059
SHUANGCHENG TZU MTC ICBM SITE B1/2 AZIMUTH	CH	411828N 1001854E	S087112
SHUANGCHENG TZU MTC SSM/SAM ASBLY/CHECKOUT FAC	CH	410613N 1001647E	S087421
SHUANGCHENG TZU MTC TEST SITE B1/2 RAILCARS	CH	411828N 1001854E	
SHUANGCHENG TZU MTC TEST SITE B1/2 RAILCARS	CH	411828N 1001854E	
SHUMEN AMMUNITION STORAGE FACILITY 515	BU	431704N 0265653E	S087616

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SUBJECT	COUN	COORD	ACCN NO.
SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVSK	UR	594020N 0564252E	S087110
SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVSK	UR	594020N 0564252E	
SOLTSY AIRFIELD AS-4 COUNTS	UR	580822N 0301914E	S087769
SOLTSY AIRFIELD AS-4 COUNTS	UR	580822N 0301914E	
SOVETSKAYA GAVAN/MAYGATKA AIRFIELD	UR	485525N 1400210E	S087766
SOZONOVO RADIO RELAY STATION	UR	570856N 0661643E	S087648
SPACE SL-X UPPER STAGE + PAYLOAD	UR		S087359
SPASSK DALNIY ARMY BARRACKS AL4	UR	443540N 1325310E	S087779
SPASSKAYA GUBA RADIO RELAY STATION WEST	UR	621300N 0333620E	S087777
STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850	UR	534200N 0555807E	S087110
STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850	UR	534200N 0555807E	
STERLITAMAK THERMAL POWER PLANT TETS 2	UR	534010N 0555418E	S087058
SUCHOU AIRFIELD WEST 2	CH	311544N 1202408E	S087217
SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A1 U/G	CH	311626N 1202442E	
SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A2 U/G	CH	311627N 1202517E	
SUCHOU AIRFIELD WEST 2 SUPPORT FACILITY A U/G	CH	311627N 1202500E	
SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	305800N 1211242E	S087327
SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	305800N 1211242E	
SVERDLOVSK THERMAL POWER PLANT TETS 2	UR	565014N 0605029E	S087058
SZCZECIN PETROLEUM PRODUCTS STORAGE	PL	533330N 0143310E	S087652
TEREKTY ASM IMPACT AREA RDR AREA A RDRS/CRTRS	UR	481515N 0483130E	S087318
THAMUD MECHANIZED INFANTRY BATTALION	YS	1712 N 04959 E	S087427
THUF INFANTRY BRIGADE HEADQUARTERS	YS	172500N 0510500E	
TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT	CH	211804N 1102429E	S087443
TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT	CH	211804N 1102429E	
TINDOUF MILITARY ACTIVITY	AG	2742 N 00808 W	S087426

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SUBJECT	COUN	COORD	ACCN NO.
TINDOUF SPANISH SAHARAN REFUGEE CAMPS	AG	2742 N 00808 W	
TRANSPORTATION, BAYKAL-AMUR RAIL LINE U/C	UR		S087626
TRANSPORTATION, RAIL CARS CW/MUNITIONS ASSOC	UR		S087775
TROSNA RADIO RELAY STATION	UR	522525N 0354850E	S087059
TULA MISSILE DESIGN BUREAU SUSP IDENT	UR	541205N 0373510E	S087570
TYUMEN RADIO RELAY STATION NW TOWER SEARCH	UR	571320N 0652955E	S087648
TYURATAM MTC COMPLEX C TRKG FAC ANTS AZIMUTHS	UR	571600N 1624610E	S087329
TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW	UR	454230N 0632020E	S087321
TYURATAM MTC SITE U/C	UR	455653N 0633915E	S087128
TYURATAM MTC SPACE COMPLEX J SPACECRAFT	UR	455751N 0631825E	S087358
TYURATAM MTC SPACE SITE U/C	UR	460021N 0631833E	S087109
TYURATAM TRACKING FACILITY 5 BOW + ARROW	UR	515333N 0672113E	S087321
ULAN UDE AIRFRAME PLANT 99	UR	515123N 1074344E	S087411
ULAN UDE AIRFRAME PLANT 99 FLOGGER MIG-23	UR	515123N 1074344E	S087388
ULAN UDE AIRFRAME PLANT 99 HIP C MI-8 MODIF	UR	515123N 1074344E	S087387
USSURIYSK TV RELAY STATION SEARCH	UR	4348 N 13157 E	S087778
VOLGOGRAD THERMAL POWER PLANT TETS 4	UR	482735N 0444022E	S087058
VOLKA ARMY BARRACKS AL1 HEAVY AA DIVISION	UR	524756N 0253857E	S087609
VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE	UR	484222N 0352259E	S087528
VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE	UR	484222N 0352259E	
VORKUTA ESV TRACKING FACILITY BOW + ARROW	UR	673330N 0640941E	S087321
VORONEZH AIRFRAME PLANT 64	UR	513819N 0391517E	S087383

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SUBJECT	COUN	COORD	ACCN NO.
VORONEZH AIRFRAME PLANT 64 CHARGER TU-144	UR	513819N 0391517E	S087384
VORONEZH ELECTRONICS TEST FACILITY SUSP IDENT	UR	514532N 0391732E	S087203
[REDACTED]			
YAKOVLEVO RADIO RELAY STATION ENE	UR	505140N 0362310E	S087059
YAMPOL RADIO RELAY STATION	UR	515428N 0334443E	
YANGDOK ELINT FACILITY	KN	390647N 1264351E	S087376
YAHSIEN NUCLEAR WEAPONS STORAGE PROB	CH	345654N 1085656E	S087209
ZAVODOUSPENSKOYE RADIO RELAY STATION	UR	565200N 0650120E	S087648
ZELENODOLSK SHIPYARD 340	UR	555011N 0483008E	S087063

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PART II

Listing of Reports by Originator

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	BIIR	RFB22-0001-79	MAR 79		13	S087381
AF	BIIR	RFB22-0003-79	JAN 79		13	S087380
AF	ENDR	B4521-79	25 APR 79		13	S087356
AF	ENDR	C1507-79	23 MAR 79		13	S087347
AF	ENDR	C4510-79	22 FEB 79		13	S087345
AF	ENDR	C4518-79	26 MAR 79		13	S087355
AF	ENDR	C6516-79	09 MAR 79		13	S087346
AF	ENDR	C6517-79	09 MAR 79		13	S087352
AF	ENDR	C6519-79	21 MAR 79		13	S087344
AF	ENDR	C6521-79	26 MAR 79		13	S087360
AF	ENDR	E1508-79	13 APR 79		13	S087357
AF	ENDR	E4515-79	06 APR 79		13	S087350
AF	ENDR	E4516-79	06 APR 79		13	S087351
AF	ENDR	E4517-79	05 APR 79		13	S087349
AF	ENDR	E6518-79	19 MAR 79		13	S087342
AF	ENDR	B4533-1-72	18 APR 79		13	S087359
AF	ENDR	C3501-7-70	04 APR 79		13	S087337
AF	ENDR	C3506-1-76	30 MAR 79		13	S087333
AF	ENDR	C4505-2-76	30 MAR 79		13	S087340
AF	ENDR	C4519-2-69	18 APR 79		13	S087358
AF	ENDR	C6515-1-77	20 APR 79		13	S087341
AF	ENDR	C6516-7-72	04 APR 79		13	S087330

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	ENDR	C6538-1-78	30 MAR 79		13	S087353
AF	ENDR	C6583-4-70	27 APR 79		13	S087338
AF	ENDR	C6604-2-69	16 MAR 79		13	S087348
AF	ENDR	D4513-1-76	30 MAR 79		13	S087339
AF	ENDR	D4515-1-76	30 MAR 79		13	S087336
AF	ENDR	D4518-1-76	30 MAR 79		13	S087335
AF	ENDR	D6507-1-77	23 MAR 79		13	S087354
AF	ENDR	D6536-2-75	30 MAR 79		13	S087334
AF	ENDR	D6537-2-75	30 MAR 79		13	S087332
AF	ENDR	D6546-8-71	16 APR 79		13	S087331
AF	ENDR	E1501-1-79	14 FEB 79		13	S087343
AF	PAR	2-79	21 MAR 79		07	S087567
AF	PAR	527-79	03 APR 79		13	S087309
AF	PAR	537-79	29 MAR 79		13	S087310
AF	PAR	538-79	22 MAR 79		13	S087311
AF	PAR	540-79	29 MAR 79		13	S087312
AF	PAR	541-79	26 MAR 79		13	S087313
AF	PAR	545-79	29 MAR 79		13	S087314
AF	PAR	548-79	30 MAR 79		13	S087315
AF	PAR	549-79	08 MAY 79		13	S087576
AF	PAR	550-79	09 APR 79		13	S087316

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
AF	PAR	551-79	05 APR 79		13	S087317
AF	PAR	552-79	29 MAR 79		13	S087318
AF	PAR	553-79	28 MAR 79		13	S087319
AF	PAR	554-79	03 APR 79		13	S087320
AF	PAR	555-79	27 MAR 79		13	S087321
AF	PAR	557-79	22 FEB 79		13	S087322
AF	PAR	558-79	05 APR 79		13	S087323
AF	PAR	560-79	05 APR 79		13	S087324
AF	PAR	561-79	04 APR 79		13	S087325
AF	PAR	562-79	06 APR 79		13	S087326
AF	PAR	568-79	11 APR 79		13	S087327
AF	PAR	569-79	11 APR 79		13	S087328
AF	PAR	577-79	25 APR 79		13	S087329
AF	PAR	580-79	25 MAY 79		13	S087569
AF	PAR	587-79	14 MAY 79		13	S087575
AF	PAR	590-79	21 MAY 79		13	S087570
AF	PAR	601-79	31 MAY 79		13	S087568
ARMY	DSIIR	RAC24-8001-79	DEC 78		08	S087393
ARMY	PIM	PIM003-79	28 FEB 79		14	S087377
ARMY	PIM	PIM010-79	26 JAN 79		14	S087376
ARMY	PIM	PIM014-79	16 APR 79		14	S087392
ARMY	PIM	PIM056-78	26 JAN 79		14	S087379

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
ARMY	PIM	PIM057-78	02 MAR 79		14	S087378
CIA	BIIR	RCS13-0005-79	APR 79		14	S087215
CIA	IAMR	ISMR003J-79	MAR 79		25	S087117
CIA	INFR	IS10020-79	02 FEB 79		05	S087055
CIA	INFR	IS10033K-79	16 MAR 79		13	S087058
CIA	INFR	IS10053J-79	20 MAR 79		24	S087059
CIA	INFR	IS10055J-79	29 MAR 79		24	S087061
CIA	INFR	IS10059K-79	20 MAR 79		13	S087063
CIA	INFR	IS10060K-79	28 MAR 79		13	S087062
CIA	INFR	IS10064J-79	24 APR 79		24	S087421
CIA	INFR	IS10071J-79	19 APR 79		24	S087422
CIA	INFR	IS10072K-79	02 MAY 79		13	S087429
CIA	INFR	IS10074K-79	25 APR 79		13	S087428
CIA	INFR	IS10078K-79	08 MAY 79		13	S087427
CIA	INFR	IS10079K-79	09 MAY 79		13	S087423
CIA	INFR	IS10080K-79	14 MAY 79		13	S087430
CIA	INFR	IS10081K-79	11 MAY 79		13	S087426
CIA	INFR	IS10083K-79	10 MAY 79		13	S087424
CIA	INFR	IS10086K-79	24 MAY 79		13	S087425
CIA	IRP	IS10057K-79	APR 79		14	S087156

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
CIA	IRP	IS10066J-79	APR 79		25	S087157
CIA	IRP	IS10073K-79	MAY 79		14	S087440
DIA	BIIB	BDA04-0001-78	MAY 79		14	S087155
DIA	BIIR	RDA05-0006-79	MAY 79		14	S087370
DIA	BIIR	RDA05-0018-78	APR 79		14	S087217
DIA	BIIR	RDA11-0005-78	APR 79		14	S087153
DIA	BIIR	RDA11-0013-78	APR 79		14	S087154
DIA	BIIR	RDA11-0019-78	MAY 79		14	S087214
DIA	IIM	5B1-53538-79	18 JUN 79		14	S087526
DIA	IIM	5B1-72498-79	19 JUN 79		14	S087530
DIA	IIM	5B1-72505-79	13 JUN 79		14	S087523
DIA	IIM	5B1-72507-79	18 JUN 79		14	S087528
DIA	IIM	5B1-72512-79	19 JUN 79		14	S087531
DIA	IIM	5B1-72515-79	21 JUN 79		14	S087609
DIA	IIM	5B1-72527-79	20 JUN 79		14	S087532
DIA	IIM	5B1-72528-79	18 JUN 79		14	S087529
DIA	IIM	5B1-72529-79	27 JUN 79		14	S087617
DIA	IIM	5B1-72547-79	22 JUN 79		14	S087647
DIA	IIM	5B1-72560-79	25 JUN 79		14	S087611
DIA	IIM	5B1-72561-79	26 JUN 79		14	S087616
DIA	IIM	5B1-72568-79	26 JUN 79		14	S087613
DIA	IIM	5B1-72575-79	26 JUN 79		14	S087615

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	IIM	5B1-72577-79	02 JUL 79		14	S087652
DIA	IIM	5B1-72582-79	29 JUN 79		14	S087653
DIA	IIM	5B1-72585-79	10 JUL 79		14	S087678
DIA	IIM	5B1-72591-79	29 JUN 79		14	S087654
DIA	IIM	5B1-72593-79	03 JUL 79		14	S087649
DIA	IIM	5B1-72603-79	10 JUL 79		14	S087673
DIA	IIM	5B1-72605-79	10 JUL 79		14	S087674
DIA	IIM	5B1-72614-79	11 JUL 79		14	S087775
DIA	IIM	5B1-72615-79	10 JUL 79		14	S087675
DIA	IIM	5B1-72620-79	09 JUL 79		14	S087672
DIA	IIM	5B1-72625-79	10 JUL 79		14	S087676
DIA	IIM	5B1-72631-79	10 JUL 79		14	S087677
DIA	IIM	5B1-72633-79	11 JUL 79		14	S087776
DIA	IIM	5B1-72638-79	11 JUL 79		14	S087773
DIA	IIM	5B1-72642-79	18 JUL 79		14	S087762
DIA	IIM	5B1-72643-79	18 JUL 79		14	S087761
DIA	IIM	5B1-72645-79	17 JUL 79		14	S087764
DIA	IIM	5B1-72650-79	18 JUL 79		14	S087781
DIA	IIM	5B1-72655-79	16 JUL 79		14	S087767
DIA	IIM	5B1-72661-79	18 JUL 79		14	S087763
DIA	IIM	5B1-72674-79	18 JUL 79		14	S087779

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	IIM	5B1-73545-79	22 JUN 79		14	S087610
DIA	IIM	5B2-72453-79	26 JUN 79		14	S087612
DIA	IIM	5B3-72530-79	15 JUN 79		14	S087524
DIA	IIM	5B3-72555-79	20 JUN 79		14	S087533
DIA	IIM	5B3-72566-79	26 JUN 79		14	S087614
DIA	IIM	5B3-72597-79	02 JUL 79		14	S087651
DIA	IIM	5B3-72598-79	02 JUL 79		13	S087650
DIA	IIM	5B3-72635-79	11 JUL 79		14	S087774
DIA	IIM	5B3-72641-79	16 JUL 79		14	S087769
DIA	IIM	5B3-72651-79	16 JUL 79		13	S087765
DIA	IIM	5B3-72652-79	16 JUL 79		13	S087771
DIA	IIM	5B3-72653-79	16 JUL 79		14	S087768
DIA	IIM	5B3-72662-79	16 JUL 79		14	S087770
DIA	IIM	5B3-72664-79	16 JUL 79		14	S087766
DIA	IIM	5B3-72688-79	18 JUL 79		14	S087780
DIA	IIM	5B3-73539-79	18 JUN 79		13	S087527
DIA	IIM	5B3-73540-79	15 JUN 79		13	S087525
DIA	NOTE		12 JUL 79		13	S087772

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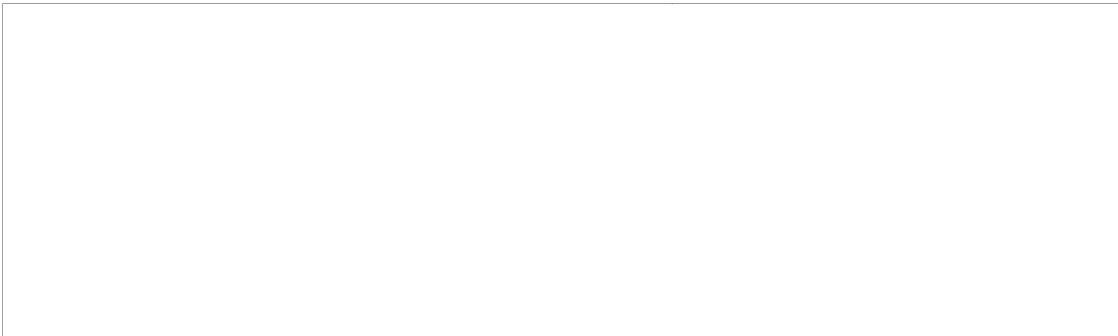
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ORIG TYPE REPT NO. DATE CONTROL NO. SEC CLASS ACCN NO.



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NPIC	BIIR	RCA09-0007-79	APR 79	[REDACTED]	25	S087110
NPIC	BIIR	RCA09-0010-79	MAY 79		25	S087210
NPIC	BIIR	RCA09-0013-79	MAY 79		25	S087371
NPIC	BIIR	RCA09-0050-78	APR 74		14	S087213
NPIC	BIIR	RCA09-0051-78	MAY 79		25	S087453
NPIC	BRAD	[REDACTED]	APR 79		14	S087128
NPIC	BRAD	[REDACTED]	APR 79		14	S087130
NPIC	BRAD	[REDACTED]	APR 79		14	S087135
NPIC	IIR	IIR014-79	25 APR 79		14	S087108
NPIC	IIR	IIR015-79	25 APR 79		14	S087109
NPIC	IIR	IIR016-79	27 APR 79	14	S087107	
NPIC	IIR	IIR017-79	08 MAY 79	14	S087216	
NPIC	IIR	IIR018-79	11 MAY 79	14	S087218	

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	IIR	IIR019-79	11 MAY 79		14	S087211
NPIC	IIR	IIR021-79	31 MAY 79		05	S087442
NPIC	IIR	IIR023-79	05 JUN 79		14	S087441
NPIC	IIR	IIR024-79	05 JUN 79		14	S087443
NPIC	IIR	IIR025-79	07 JUN 79		14	S087444
NPIC	MCS	MCS001-79	MAY 79		14	S087454
NPIC	MEMO		02 JUL 79		14	S087648
NPIC	MEMO		05 JUL 79		14	S087618
NPIC	MEMO		17 JUL 79		13	S087777
NPIC	MEMO		19 JUL 79		14	S087778
NPIC	MEMO		23 JUL 79		13	S087902
NPIC	PIR	PIR022-79	APR 79		14	S087119
NPIC	PIR	PIR023-79	MAY 79		25	S087212
NPIC	PIR	PIR028-79	APR 79		14	S087152
NPIC	PIR	PIR029-79	APR 79		14	S087113
NPIC	PIR	PIR031-79	MAY 79		25	S087208
NPIC	PIR	PIR032-79	APR 79		14	S087148
NPIC	PIR	PIR034-79	APR 79		25	S087111
NPIC	PIR	PIR035-79	MAY 79		14	S087365
NPIC	PIR	PIR036-79	MAY 79		14	S087204
NPIC	PIR	PIR038-79	MAY 79		14	S087207

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
NPIC	PIR	PIR040-79	MAY 79		14	S087209
NPIC	PIR	PIR041-79	MAY 79		14	S087205
NPIC	PIR	PIR050-79	JUN 79		05	S087450
NPIC	PIR	PIR053-79	JUN 79		14	S087451
NPIC	SR	SR021-79	APR 79		25	S087121
NPIC	SR	SR022-79	APR 79		14	S087120
NPIC	SR	SR023-79	APR 79		14	S087112
NPIC	SR	SR024-79	APR 79		14	S087151
NPIC	SR	SR026-79	MAY 79		14	S087206
NPIC	SR	SR027-79	MAY 79		14	S087202
NPIC	SR	SR028-79	MAY 79		05	S087203
NPIC	SR	SR030-79	MAY 79		14	S087363

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PART III

Listing of Reports by General Subject

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	ADEN AIRFIELD INTERNATIONAL MAY IL-38 IDENT	YS	124940N 0450150E	S087406
05	AIRCRAFT, AIRBORNE COMMAND RLTD NATL LEVEL	UR		S087212
05	AIRCRAFT, BACKFIRE ENGINE INLETS MODIFIED	UR		S087424
05	AIRCRAFT, BISON A M-4 DISMANTLEMENT	UR		S087780
05	AIRCRAFT, CANDID IL-76 ROTODOME	UR		S087343
05	AIRCRAFT, CLASSIC IL-62 COMSAT MODIFICATION	UR		S087212
05	AIRCRAFT, COOT IL-18 AIRBORNE COMD POST MODIF	UR		
05	AIRCRAFT, COOT IL-18 COMMO RELAY MODIFICATION	UR		
05	AIRCRAFT, CRUSTY TU-134 COMSAT MODIFICATION	UR		
05	AIRCRAFT, CRUSTY TU-134 VIP MODIFICATION	UR		
05	AIRCRAFT, KASP A	UR		S087357
05	AIRCRAFT, MOSS TU-126 MODIFIED POD ANALYSIS	UR		S087324
05	AIRCRAFT, RAM L	UR		S087356
05	AIRFIELDS, LRA AIRFIELDS MAINTENANCE ACTIVITY	UR		S087527
05	AL ANAD AIRFIELD CONSTRUCTION	YS	130940N 0444630E	S087405
05	ARSENYEV AIRFRAME PLANT 116	UR	440859N 1331523E	S087412
05	BOLSHOY TOKMAK AIRFIELD	UR	471717N 0354238E	S087525
05	CHEGLA AIRFIELD NW	UR	602835N 0330154E	S087765
05	EL UOTIA AIRFIELD STAR-SHAPED BUILDINGS U/C	LY	322810N 0115400E	S087401
05	ENGELS AIRFIELD BISON A MI-4 DISMANTLED	UR	512845N 0461250E	S087780
05	GATCHINA AIRFIELD	UR	593630N 0301630E	S087770
05	IRKUTSK AIRFIELD NW	UR	522200N 1041100E	S087213
05	IRKUTSK AIRFRAME PLANT 39	UR	522131N 1041216E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	KAZAN AIRFRAME PLANT GORBUNOV BACKFIRE MODIF	UR	555140N 0490700E	S087424
05	KHABAROVSK/BLAGODATNOYE AIRFIELD CF ACTIVITY	UR	482436N 1352500E	S087404
05	KHOROL AIRFIELD EAST BISON AIRCRAFT	UR	442650N 1320743E	S087533
05	KISKUNLACHAZA AIRFIELD FLOGGER MIG-23 A/C	HU	471041N 0190426E	S087524
05	KIYEV AERODYNAMIC TEST FACILITY	UR	504450N 0303120E	S087148
05	KOMSOMOLSK AIRFRAME PLT ORDZH 126 FITTER CNTS	UR	503518N 1370525E	S087410
05	KOMSOMOLSKIY AIRFIELD	UR	690840N 1724030E	S087768
05	MOLODEZHNYAYA AIRFIELD SEARCH	AY	674000S 0455120E	S087614
05	MOSKVA AIRCRAFT COMPONENTS PLANT 25	UR	554722N 0374250E	S087325
05	MOSKVA AIRCRAFT COMPONENTS PLANT 25	UR	554722N 0374250E	S087353
05	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	554846N 0373034E	S087575
05	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	S087415
05	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	S087399
05	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	S087400
05	MOSKVA/LYUBERTSY AIRFIELD	UR	554106N 0375121E	S087370
05	MOSKVA/LYUBERTSY AIRFIELD HELI NEW KAMOV-DSGN	UR	554106N 0375121E	S087413
05	MOSKVA/SHCHELKOVO AIRFIELD VIP SUPPORT A/C	UR	555248N 0380347E	S087212
05	MOSKVA/VNUKOVO AIRFIELD VIP SUPPORT AIRCRAFT	UR	553529N 0371543E	
05	NARYAN MAR HELIPORT	UR	674029N 0530853E	S087774
05	NIKOLAYEV/KULBAKINO A/C REPAIR BASE BEAR D/E	UR	465507N 0320456E	S087650
05	NOVOSIBIRSK AIRCRAFT REPAIR BASE	UR	545632N 0824203E	S087761

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC	UR	550530N 0825409E	S087762
05	NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC	UR	550530N 0825409E	
05	OKTYABRSKOYE AIRFIELD BLINDER TU-22	UR	451930N 0340623E	S087651
05	RAMENSKOYE FLIGHT TEST CENTER BACKFIRE MODIF	UR	553418N 0380923E	S087424
05	RAMENSKOYE FLIGHT TEST CENTER FOXBAT MODIFIED	UR	553418N 0380923E	S087390
05	RAMENSKOYE FLIGHT TEST CENTER RAM J/LUK A	UR	553418N 0380923E	S087391
05	RAMENSKOYE FLIGHT TEST CENTER RAM K	UR	553418N 0380923E	S087409
05	ROSTOV AIRFRAME PLANT 168 HIND SHPG CONTS NEW	UR	471516N 0394318E	S087414
05	RYBEZHNO AIRFIELD WEST	UR	602012N 0325558E	S087771
05	SOLTSY AIRFIELD AS-4 COUNTS	UR	580822N 0301914E	S087769
05	SOVETSKAYA GAVAN/MAYGATKA AIRFIELD	UR	485525N 1400210E	S087766
05	SUCHOU AIRFIELD WEST 2	CH	311544N 1202408E	S087217
05	SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A1 U/G	CH	311626N 1202442E	
05	SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A2 U/G	CH	311627N 1202517E	
05	SUCHOU AIRFIELD WEST 2 SUPPORT FACILITY A U/G	CH	311627N 1202500E	
05	ULAN UDE AIRFRAME PLANT 99	UR	515123N 1074344E	S087411
05	ULAN UDE AIRFRAME PLANT 99 FLO66ER MIG-23	UR	515123N 1074344E	S087388
05	ULAN UDE AIRFRAME PLANT 99 HIP C MI-8 MODIF	UR	515123N 1074344E	S087387
05	VORONEZH AIRFRAME PLANT 64	UR	513819N 0391517E	S087383
05	VORONEZH AIRFRAME PLANT 64 CHARGER TU-144	UR	513819N 0391517E	S087384
10	AOUINET BEL EGRA SAHARAN REFUGEE CAMPS	AG	2650 N 00651 W	S087426
10	SEMIPALATINSK GRAIN PROCESSING YARD ABANDONED	UR	503735N 0775104E	S087425
10	TINDOUF SPANISH SAHARAN REFUGEE CAMPS	AG	2742 N 00808 W	S087426

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	AKHTUBINSK/VLADIMIROVKA AFLD A/C RADOME ANAL	UR	481838N 0461424E	S087326
25	ARSENYEV TV BROADCASTING CENTER	UR	440640N 1332045E	S087778
25	BAKHMACH RADIO RELAY STATION WEST	UR	510732N 0323750E	S087059
25	BARYSHEVKA RADIO RELAY STATION	UR	502205N 0312005E	
25	BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA	UR	503433N 0363450E	
25	BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA	UR	503433N 0363450E	
25	BELOTSEKOVKA TV RELAY STATION	UR	494030N 0334415E	
25	BEREZAN RADIO RELAY STATION	UR	501805N 0312805E	
25	BOBROVITSA RADIO RELAY STATION	UR	504515N 0312128E	
25	BOGANDINSKIY RADIO RELAY STATION	UR	565320N 0655400E	S087648
25	BOGODUKHOV RADIO RELAY STATION	UR	501040N 0353030E	S087059
25	BORISPOL RADIO RELAY STATION	UR	501835N 0310428E	
25	BORISPOL RADIO RELAY STATION 2	UR	502100N 0305710E	
25	BRYANSK RADIO RELAY STATION	UR	531220N 0342455E	
25	BULAKHOVKA RADIO RELAY STATION	UR	483600N 0353900E	S087618
25	CHANGCHIANG SSM/SPACE TRACKING FACILITY	CH	192139N 1090822E	S087311
25	CHANGCHIANG SSM/SPACE TRACKING FACILITY	CH	192139N 1090822E	S087346
25	CHEKASSY TV RELAY + FM BROADCAST STATION	UR	492740N 0320210E	S087059
25	CHIENSHUI SSM COMPLEX SITE 9 ANTENNA	CH	235517N 1023458E	S087328
25	CHIENSHUI SSM RIM FACILITY ANTENNAS	CH	233950N 1025630E	
25	DARNITSA RADIO RELAY STATION	UR	502725N 0304350E	S087059
25	DROZDY RADIO RELAY STATION 2	UR	511840N 0361055E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	ELECTRONICS, ANTENNAS U/I VERT TWRS PALATKI	UR		S087381
25	ELECTRONICS, LOOK-DOWN SHOOT-DOWN RADAR	UR		S087382
25	ELECTRONICS, POINTER TRACKER SARY SHAGAN MTC	UR		S087380
25	ELECTRONICS, R-123/R-123M TRANSCEIVERS GSF6	UR		S087117
25	ELECTRONICS, TALL KING EW RADAR FACILITIES	PL		S087450
25	ELECTRONICS, TALL KING EW RADAR FACILITIES	CZ		
25	ELECTRONICS, TALL KING EW RADAR FACILITIES	HU		
25	ELECTRONICS, WISHBONE ANTENNA	PL		S087567
25	EMBA MTC SS-1 FAD-708 INSTRUMENTATION EQUIP	UR	483800N 0580300E	S087205
25	FATEZH RADIO RELAY STATION SOUTH	UR	520351N 0355305E	S087059
25	GALENKI ESV TRACKING/MOLNIYA FACILITY	UR	440130N 1314545E	S087778
25	GLOBINO RADIO RELAY STATION	UR	492902N 0331033E	S087059
25	GOLUBOVKA RADIO RELAY STATION	UR	485255N 0351935E	S087618
25	HALAKASSUTE SSM/SPACE TRACKING FACILITY	CH	404521N 0871327E	S087316
25	HALAKASSUTE SSM/SPACE TRACKING FACILITY	CH	404521N 0871327E	S087360
25	ILEM SELGA RADIO RELAY STATION	UR	621750N 0343040E	S087777
25	ILLARIONOVO RADIO RELAY STATION SE	UR	482115N 0352150E	S087618
25	IMENI TSYURUPY RADIO RELAY STATION	UR	553130N 0383930E	S087902
25	ISKROVKA RADIO RELAY STATION SW	UR	494905N 0350925E	S087059
25	KANEV PASSIVE RADIO RELAY STATION GOAL POST	UR	494248N 0312936E	
25	KANEV RADIO RELAY STATION	UR	494427N 0312639E	
25	KAPUSTIN YAR MTC TRACKING FACIL BAR LOCK RDR	UR	482110N 0471210E	S087318

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	KAPUSTIN YAR/TURGAY AW RADAR FACILITY EAST	UR	482550N 0471002E	
25	KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER	UR	500026N 0361334E	S087059
25	KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER	UR	500026N 0361334E	
25	KHOLMECH RADIO RELAY STATION	UR	523012N 0341248E	
25	KIYEV LONG DISTANCE TELEPHONE SWITCHING CTR	UR	502642N 0303036E	
25	KIYEV RADIO RELAY STATION	UR	502657N 0303045E	
25	KIYEV TV STATION	UR	502755N 0302705E	
25	KOMMUNAR RADIO RELAY STATION	UR	563435N 0653030E	S087648
25	KONCHOZERO RADIO RELAY STATION	UR	620743N 0335952E	S087777
25	KONOTOP TV RELAY STATION	UR	511400N 0331200E	S087059
25	KROLEVETS RADIO RELAY STATION	UR	513233N 0332129E	
25	KURSK RADIO RELAY + TV RELAY STATION WEST	UR	514530N 0360730E	
25	KURSK RADIO RELAY + TV RELAY STATION WEST	UR	514530N 0360730E	
25	KYAPPESELGA RADIO RELAY STATION	UR	623930N 0341520E	S087777
25	LASA SSM/SPACE TRACKING FACILITY	CH	293855N 0910516E	S087569
25	LENNOY RADIO RELAY STATION	UR	501301N 0361600E	S087059
25	LESOZAVODSK RADIO RELAY STATION	UR	452730N 1332530E	S087778
25	LIPOVOVE RADIO RELAY STATION	UR	492722N 0323754E	S087059
25	LYUBOTIN RADIO RELAY STATION	UR	495810N 0355200E	
25	MALYY KAGARLYK RADIO RELAY STATION	UR	495225N 0305330E	
25	MEREFA RADIO RELAY STATION	UR	494830N 0360205E	
25	MIKULICHI RADIO RELAY STATION	UR	503345N 0300525E	
25	MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT	UR	552950N 0371530E	S087120
25	MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT	UR	552950N 0371530E	
25	NANCHING RADIO RELAY STATION BUNKERED	CH	315212N 1184630E	S087378
25	NAVLYA RADIO RELAY STATION	UR	525000N 0343005E	S087059
25	NEZHIN RADIO RELAY STATION SOUTH	UR	510128N 0325320E	
25	NINGPO RADIO COMMUNICATIONS STATION EAST	CH	295420N 1213600E	S087377
25	NOVOMOSKOVSK RADIO RELAY STATION	UR	483800N 0351500E	S087618

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	OBUKHOV RADIO RELAY STATION	UR	500700N 0303600E	S087059
25	OBUKHOV RADIO RELAY STATION 2	UR	500640N 0303640E	
25	OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR	525518N 0360908E	
25	OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR	525518N 0360908E	
25	OSINOVKA RADIO RELAY STATION EAST	UR	435900N 1322125E	S087778
25	OZERNOYE RADIO RELAY STATION	UR	444500N 1333730E	
25	PALATKI COMMAND CONTROL XMTR FAC U/I BKR ANTS	UR	544350N 0352245E	S087381
25	PETROZAVODSK RADIO RELAY STATION WEST	UR	615340N 0334530E	S087777
25	PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER	UR	614630N 0341955E	
25	PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER	UR	614630N 0341955E	
25	POKROVKA RADIO RELAY + RADCOM XMTR STATION	UR	435700N 1314032E	S087778
25	POLTAVA TV BROADCAST STATION	UR	493430N 0343415E	S087059
25	PRILUKI TV BROADCAST STATION	UR	503730N 0322350E	
25	SARY SHAGAN MTC R+D COMPLEX POINTER TRACKER	UR	455200N 0733100E	S087380
25	SEREDINA BUDA RADIO RELAY STATION	UR	521110N 0340135E	S087059
25	SHAHSIEN SPACE TRACKING FACILITY POSS	CH	262345N 1174830E	S087576
25	SHIHTSUN RADIO RELAY STATION NORTH BUNKERED	CH	352317N 1101013E	S087379
25	SHISHAKI RADIO RELAY STATION	UR	495220N 0335950E	S087059
25	SOZONOVO RADIO RELAY STATION	UR	570856N 0661643E	S087648
25	SPASSKAYA GUBA RADIO RELAY STATION WEST	UR	621300N 0333620E	S087777
25	TEREKTY ASM IMPACT AREA RDR AREA A RDRS/CRTRS	UR	481515N 0483130E	S087318
25	TROSNA RADIO RELAY STATION	UR	522525N 0354850E	S087059
25	TYUMEN RADIO RELAY STATION NW TOWER SEARCH	UR	571320N 0652955E	S087648
25	TYURATAM MTC COMPLEX C TRKG FAC ANTS AZIMUTHS	UR	571600N 1624610E	S087329
25	TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW	UR	454230N 0632020E	S087321

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	TYURATAM TRACKING FACILITY 5 BOW + ARROW	UR	515333N 0672113E	
25	USSURIYSK TV RELAY STATION SEARCH	UR	4348 N 13157 E	S087778
25	VORKUTA ESV TRACKING FACILITY BOW + ARROW	UR	673330N 0640941E	S087321
25	VORONEZH ELECTRONICS TEST FACILITY SUSP IDENT	UR	514532N 0391732E	S087203
25	YAKOVLEVO RADIO RELAY STATION ENE	UR	505140N 0362310E	S087059
25	YAMPOL RADIO RELAY STATION	UR	515428N 0334443E	
25	YANGDOK ELINT FACILITY	KN	390647N 1264351E	S087376
25	ZAVODOUSPENSKOYE RADIO RELAY STATION	UR	565200N 0650120E	S087648
30	BLAGOVESHCHENSK HEAT + THERMAL POWER PLANT	UR	550148N 0560159E	S087058
30	CHELYABINSK STEEL + MACHINE TOOL PLANT ORDZ 2	UR	550849N 0612830E	S087154
30	EKIBASTUZ COAL MINING ACTIVITY	UR	5143 N 07519 E	S087055
30	EKIBASTUZ THERMAL POWER PLANT GRES	UR	515300N 0752320E	
30	INDUSTRY, ELECTRIC POWER PLANTS	CH		S087215
30	INDUSTRY, SYNTHETIC RUBBER INDUSTRY	UR		S087117
30	INDUSTRY, THERMAL POWER PLANTS NEW	UR		S087058
30	IZHEVSK HEAT + THERMAL POWER PLANT TETS 2	UR	565328N 0532026E	
30	NIZHNEKAMSK THERMAL POWER PLANT TETS 2	UR	553436N 0515623E	
30	PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98	UR	575807N 0555338E	S087110
30	SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR	532438N 0555400E	S087529
30	SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR	532438N 0555400E	
30	SARATOV HEAT + THERMAL POWER PLANT TETS 5	UR	514225N 0460025E	S087058
30	STERLITAMAK THERMAL POWER PLANT TETS 2	UR	534010N 0555418E	
30	SVERDLOVSK THERMAL POWER PLANT TETS 2	UR	565014N 0605029E	
30	VOLGOGRAD THERMAL POWER PLANT TETS 4	UR	482735N 0444022E	
35	AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S087313
35	AKHTUBINSK ORDNANCE TEST AREA 1	UR	482039N 0462000E	S087342

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S087313
35	AKHTUBINSK ORDNANCE TEST AREA 4	UR	482600N 0462300E	S087342
35	AL GHAYDAH MILITARY CAMP INFANTRY BN HQ	YS	161150N 0521120E	S087427
35	ARTEMOVSK ORDNANCE DEPOT D01	UR	483357N 0375750E	S087532

35	BAYAN SUMA AMMUNITION STORAGE DEPOT DA1	MG	471430N 1072900E	S087677
35	BEREZOVKA ARMY BARRACKS AL1 ENGINEER BRIGADE	UR	503411N 1275124E	S087678
35	BEREZOVKA ARMY BARRACKS AL2 ENGINEER BRIGADE	UR	503220N 1275010E	
35	BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE	UR	502112N 1162832E	S087531
35	BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS	UR	502950N 0304430E	S087772
35	BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121	UR	532402N 0340534E	S087110
35	BUY AMMUNITION STORAGE DEPOT 50	UR	582601N 0413241E	S087764
35	CHANDIGARH ORDNANCE RSCH LAB TEST/CONST ACT	IN	303830N 0765400E	S087423
35	DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	3537 N 06700 E	S087061
35	DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	3537 N 06700 E	

35	FANGCHI ARMS PLANT WSW	CH	281950N 1143110E	S087153
35	HAWF ARTILLERY BATTERIES	YS	1638 N 05301 E	S087427
35	HUAYIN WEAPONS TEST FACILITY EAST	CH	343545N 1100650E	S087214
35	JABAL SHABUT MECHANIZED INFANTRY BATTALION	YS	1700 N 05150 E	S087427

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EPF/CAT	SUBJECT	COUN	COORD	ACCN No.
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35	KAGAN ARMY BARRACKS AL1	UR	394311N 0643223E	S087672
35	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	S087313
35	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	S087342
35	KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392	UR	552416N 0855815E	S087110
35	KOMSOMOLSK TANK STORAGE DEPOT D03	UR	504134N 1365211E	S087611
35	KONSTANTINOVSKIY ARMY BARRACKS	UR	574612N 0393425E	S087523
35	KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR	560236N 0930237E	S087110

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35	MANDALGOVI GROUND FORCES EXERCISE SOVIET	MG	454459N 1061443E	S087451
35	MILITARY, ACTIVITY SUMMARY HAINAN MR	CH		S087275
35	MILITARY, ACTIVITY SUMMARY HUNAN MR	CH		S087278
35	MILITARY, ACTIVITY SUMMARY HUNAN MR	CH		S087274
35	MILITARY, ACTIVITY SUMMARY KWANGSI MR	CH		S087281
35	MILITARY, ACTIVITY SUMMARY KWANGSI MR	CH		S087277
35	MILITARY, ACTIVITY SUMMARY KWANGTUNG MR	CH		S087279
35	MILITARY, ARTILLERY R+D/TEST/EVALUATION	UR		S087204
35	MILITARY, ARTILLERY R+D/TEST/EVALUATION	UR		

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	MILITARY, BROVARY RIVER CROSSING VEHICLE NEW	UR		S087772
35	MILITARY, COMMUNICATIONS RELAY BATTALIONS	UR		S087157
35	MILITARY, DONGUZ SP GUN TL-7.4 (007)	UR		S087204
35	MILITARY, GROUND FORCE ACTIVITY LANCHOU MR	CH		S087422
35	MILITARY, INFANTRY BRIGADES DEPLOYED IDENT	YS		S087427

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35	MILITARY, LENINGRAD SP GUN/HOW TL-10.5 (008)	UR		S087204
35	MILITARY, LENINGRAD SP GUN/HOW TL-11.2 (009)	UR		
35	MILITARY, LENINGRAD SP VEH U/I ARTY RLTD(010)	UR		
35	MILITARY, MULTIPLE ROCKET LAUNCHER NEW IDENT	CH		S087206
35	MILITARY, M-1977 140MM MULTIPLE ROCKET LCHR	CH		S087393
35	MILITARY, NORTH YEMEN/SOUTH YEMEN BORDER ACT	YE		S087062
35	MILITARY, NOVOSIBIRSK GUN/HOW POSS TL-10(005)	UR		S087204
35	MILITARY, NOVOSIBIRSK GUN/HOW POSS TL-9 (004)	UR		
35	MILITARY, PERM GUN/HOWITZER POSS TL-8 (002)	UR		
35	MILITARY, PERM GUN/HOWITZER POSS TL-9 (003)	UR		
35	MILITARY, SELF-PROPELLED GUN WHEELED NEW	CZ		S087392
35	MILITARY, SOUTH YEMEN/NORTH YEMEN BORDER ACT	YS		S087062
35	MILITARY, SS-1 BRIGADE UPGRADE TRANSBAIKAL MD	UR		S087117
35	MILITARY, SVERDLOVSK AT GUN POSS TL-6 (001)	UR		S087204
35	MILITARY, SVERDLOVSK GUN/HOW POSS TL-10 (006)	UR		
35	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	S087415
35	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	554000N 0375600E	S087399
35	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR	554000N 0375600E	S087400

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	NAUSHKI TANK DEPOT D01	UR	502251N 1060719E	S087649
35	ORSHA MILITARY SUPPLY DEPOT D01	UR	543115N 0302317E	S087647
35	OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE	UR	433328N 0751205E	S087530
35	OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE	UR	433328N 0751205E	
35	PAICHENG MUNITIONS TEST COMPLEX MRL NEW IDENT	CH	454431N 1223859E	S087206
35	PAVLOGRAD ORDNANCE RESEARCH + DEVELOPMENT FAC	UR	483030N 0355702E	S087110
35	PERM ARMY BARRACKS AL2	UR	575931N 0561552E	S087674
35	PERM MILITARY TRAINING AREA TA1	UR	580022N 0562500E	S087675
35	PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98	UR	575807N 0555338E	S087110
35	PERM ORDNANCE DEPOT CENTRAL D01	UR	575930N 0561601E	S087676
35	PERM STRATEGIC ROCKET FORCES BARRACKS	UR	580220N 0561610E	S087673
35	RAZLOG AMMUNITION STORAGE FACILITY	BU	415330N 0232710E	S087617
35	RUDNO ARMY BARRACKS AL1	UR	494950N 0235320E	S087389
35	SHIRLOVAYA GORA ARMY BARRACKS AL1	UR	503103N 1162346E	S087531
35	SHUMEN AMMUNITION STORAGE FACILITY 515	BU	431704N 0265653E	S087616
35	SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVS	UR	594020N 0564252E	S087110
35	SPASSK DALNIY ARMY BARRACKS AL4	UR	443540N 1325310E	S087779
35	STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850	UR	534200N 0555807E	S087110
35	THAMUD MECHANIZED INFANTRY BATTALION	YS	1712 N 04959 E	S087427
35	THUF INFANTRY BRIGADE HEADQUARTERS	YS	172500N 0510500E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	TINDOUF MILITARY ACTIVITY	AG	2742 N 00808 W	S087426
35	VOLKA ARMY BARRACKS AL1 HEAVY AA DIVISION	UR	524756N 0253857E	S087609
35	VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE	UR	484222N 0352259E	S087528
35	VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE	UR	484222N 0352259E	

40	BIYSK SOLID MOTOR PRODUCTION PLANT 1	UR	522905N 0850710E	S087110
40	BIYSK SOLID MOTOR PRODUCTION PLANT 2	UR	522850N 0850300E	
40	BIYSK SOLID MOTOR TEST AREA 1	UR	523054N 0850500E	
40	BIYSK SOLID MOTOR TEST AREA 2	UR	523119N 0850154E	
40	BRYANSK AMMUNITION LOADING/GM PLT SELTSo 121	UR	532402N 0340534E	
40	CHINHSI SSM R+D TEST CPLX CSA-X-2 TEST ACT	CH	404126N 1205309E	S087121
40	DMITROV MISSILE PROPULSION R+D FACILITY	UR	562539N 0372846E	S087371
40	DNEPROPETROVSK MISSILE DPC TEST STAND 5	UR	482601N 0345828E	S087309
40	DNEPROPETROVSK MISSILE DPC TEST STAND 5	UR	482601N 0345828E	S087345
40	DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	482601N 0345828E	S087341
40	DROVYANAYA SSM COMPLEX RVT AREA SS-20 EXER CF	UR	512750N 1130031E	S087130
40	DROVYANAYA SSM POSITION 2 RESOLUTION TARGET	UR	512458N 1130440E	
40	IVANKOVSKIY GUIDED MISSILE PLANT	UR	564521N 0370700E	S087331

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40	KAMCHATKA MISSILE IMPACT AREAS CRATERS	UR	5712 N 16133 E	S087319
40	KAMENSK SHAKHTINSKIY SOLID MOTOR PROD PLANT	UR	481750N 0401049E	S087110
40	KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	UR	483555N 0461752E	S087351
40	KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	UR	483555N 0461752E	S087350
40	KAPUSTIN YAR MTC CPLX C SITE 1 SS-16/20 TEL	UR	483658N 0461800E	S087207

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	S087313
40	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	483000N 0461500E	S087342
40	KAPUSTIN YAR MTC SL-8 ACTIVITY	UR	484107N 0455853E	S087314
40	KAPUSTIN YAR MTC SS-20 DEPLOYMENT PATTERNS	UR	484107N 0455853E	S087349
40	KEMEROVO SOLID MOTOR PRODUCTION PLANT	UR	552458N 0855832E	S087110
40	KOLOMNA MISSILE DESIGN BUREAU 1 SUSP IDENT	UR	550410N 0384810E	S087570
40	KOLOMNA MISSILE DESIGN BUREAU 2 SUSP IDENT	UR	550440N 0384920E	
40	KOSTROMA ICBM SITE 87 TYPE 3H SILO COMPONENTS	UR	573207N 0413314E	S087444
40	KOSTROMA SSM CPLX SILO MAT RCVG TYPE 3H CMPNT	UR	575055N 0411445E	
40	KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR	560236N 0930237E	S087110
40	MIASS MISSILE DEVELOPMENT + PROD FACIL PROB	UR	550640N 0600820E	S087317
40	MIASS MISSILE DEVELOPMENT + PROD FACIL PROB	UR	550640N 0600820E	S087354
40	MISSILES, ACTIVITY SUMMARY SALT RELATED	UR		S087428
40	MISSILES, CSS-X-4/CSL-2 LAUNCH INDICATORS	CH		S087421
40	MISSILES, CSS-X-4/CSL-2 LAUNCH INDICATORS	CH		
40	MISSILES, CSS-1	CH		S087347
40	MISSILES, MRBM/IRBM SITES ACTIVITY SUMMARY	UR		S087280
40	MISSILES, SLBM LIQ PRPLNT NEW UNDER DEV PROB	UR		S087111
40	MISSILES, SOLID PROPELLANT PRODUCTION FACILS	UR		S087110
40	MISSILES, SS-16/SS-20 TEL GROUND IMPRINTS	UR		S087207
40	MISSILES, SS-16/SS-20 TEL GROUND IMPRINTS	UR		
40	MISSILES, SS-20 HIGH-BAY DRIVE-THROUGH BLDG	UR		S087429
40	MISSILES, SS-20 MOBILE IRBM FIELD DEPLOYMENT	UR		S087320

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MISSILES, SS-20 TECHNICAL SUPPORT BUILDING	UR		S087429
40	MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293	UR	555444N 0372701E	S087330
40	MOSKVA GUIDED MISSILE R+D/PROD PLT TEST STAND	UR	555444N 0372701E	S087337
40	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	S087312
40	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	
40	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	S087352
40	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	554547N 0375209E	
40	MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB	UR	554530N 0372928E	S087338
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S087310
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	S087348
40	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	555517N 0374805E	
40	MOZYR MOBILE IRBM BASE/TRNG FAC SS-20 WHD CAN	UR	520210N 0291108E	S087218
40	NOVOSIBIRSK IRBM RTP SS-20 FIELD TRAINING	UR	551616N 0830133E	S087208
40	PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC	UR	482658N 0355723E	S087110
40	PAVLOGRAD SOLID MOTOR PRODUCTION PLANT	UR	483401N 0354912E	
40	PAVLOGRAD SOLID MOTOR TEST FACILITY	UR	482605N 0355817E	
40	PEICHING GUIDED MISSILE PLT NANYUAN SLBM A/F	CH	394748N 1162358E	S087385
40	PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPSN	CH	394849N 1160805E	S087386
40	PERM SOLID MOTOR PRODUCTION PLANT	UR	575918N 0555330E	S087110
40	PLESETSK MTC ICBM SITE 28	UR	625235N 0414452E	S087315
40	PLESETSK MTC ICBM SITE 28	UR	625235N 0414452E	S087344
40	PLESETSK MTC ICBM TYPE 3E SILO CONV/MODIF ACT	UR	625746N 0402346E	S087323
40	PRIMORSK ROCKET ENGINE TEST FACILITY	UR	601838N 0285121E	S087453
40	SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	310027N 1212325E	S087327

TOP SECRET CHESS RUFF

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	310027N 1212325E	
40	SHANTAN SAM TRAINING AREA B	CH	385657N 1010807E	S087155
40	SHUANGCHENGZU MTC ICBM SITE B1/2 AZIMUTH	CH	411828N 1001854E	S087112
40	SHUANGCHENGZU MTC SSM/SAM ASBLY/CHECKOUT FAC	CH	410613N 1001647E	S087421
40	SHUANGCHENGZU MTC TEST SITE B1/2 RAILCARS	CH	411828N 1001854E	
40	SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVS	UR	594020N 0564252E	S087110
40	SOLTSY AIRFIELD AS-4 COUNTS	UR	580822N 0301914E	S087769
40	SPACE, SL-X UPPER STAGE + PAYLOAD	UR		S087359
40	STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850	UR	534200N 0555807E	S087110
40	SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	305800N 1211242E	S087327
40	SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	305800N 1211242E	
40	TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT	CH	211804N 1102429E	S087443
40	TULA MISSILE DESIGN BUREAU SUSP IDENT	UR	541205N 0373510E	S087570
40	TYURATAM MTC SITE U/C	UR	455653N 0633915E	S087128
40	TYURATAM MTC SPACE COMPLEX J SPACECRAFT	UR	455751N 0631825E	S087358
40	TYURATAM MTC SPACE SITE U/C	UR	460021N 0631833E	S087109

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TOP SECRET CHESS RUFF

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
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25X1

60	MCS 1215-1			S087454
65	DROVYANAYA SSM POSITION 2 RESOLUTION TARGET	UR	512458N 1130440E	S087130

25X1

75	AL BASRAH NAVAL TRNG FAC REBEL GUERILLA TRNG	IZ	3047 N 04746 E	S087061
75	DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING	UR	425400N 1322110E	S087117
75	DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING	UR	425400N 1322110E	
75	GIURGIU PORT COMPLEX	RO	435318N 0255839E	S087612
75	GORKIY SHIPYARD 112	UR	562142N 0435228E	S087063
75	GOTEBORG SHIPYARD ARENDAL GOTAVERKEN DRYDOCK	SW	574212N 0114820E	S087117
75	KALININGRAD SHIPYARD STATE 820	UR	544137N 0202616E	S087063

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	KHABAROVSK SHIPYARD USSURI SOUTH 876	UR	482405N 1350226E	
75	KOMSOMOLSK SHIPYARD AMUR 199	UR	503232N 1370248E	
75	LENINGRAD SHIPYARD ADMIRALTY 194	UR	595502N 0301618E	
75	LENINGRAD SHIPYARD BALTIYSK 189 189A CLASS A6	UR	595518N 0301539E	S087408
75	LENINGRAD SHIPYARD PETROVSKIY	UR	595736N 0301512E	S087063
75	LENINGRAD SHIPYARD SUDOMEKH 196	UR	595541N 0301645E	
75	LENINGRAD SHIPYARD ZHDANOV 190	UR	595233N 0301406E	
75	LENINGRAD SHIPYARD ZHDANOV 190 WARSHIPS U/C	UR	595233N 0301406E	S087402
75	NAJIN SHIPYARD 28 HANTAE CL LSM SERIES PROD	KN	421416N 1301748E	S087363
75	NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445	UR	465840N 0320019E	S087063
75	NIKOLAYEV SHIPYARD NOSENKO 444	UR	465705N 0315816E	
75	PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL	UR	430703N 1322017E	S087430
75	PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL	UR	430703N 1322017E	
75	PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT	UR	430703N 1322017E	S087407
75	PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT	UR	430703N 1322017E	
75	SEVERODVINSK NAVAL BASE WEST	UR	643420N 0394551E	S087210
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	UR	643438N 0394832E	S087063
75	SHANGHAI SHIPYARD NEW U/C	CH	311723N 1213311E	S087117
75	SHIPS, ATTACK SUBMARINE CONSTRUCTION PROGRAMS	UR		S087156
75	SHIPS, HANTAE CLASS LSM	KN		S087363
75	SHIPS, OPERATIONAL UNAVAILABILITY 1977-78	UR		S087440
75	SHIPS, PRODUCTION FACILITIES ACTIVITY 1978	UR		S087063
75	SHIPS, YU CHING CLASS LSM CONST PROGRAM	CH		S087119
75	SHIPS, YU KAN CLASS LST CONSTRUCTION PROGRAM	CH		
75	SHIPS, YU LIANG CLASS LSM CONST PROGRAM	CH		

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	SHIPS, YU WEI CLASS LSM CONSTRUCTION PROGRAM	CH		
75	TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT	CH	211804N 1102429E	S087443
75	ZELENODOLSK SHIPYARD 340	UR	555011N 0483008E	S087063
80	SZCZECIN PETROLEUM PRODUCTS STORAGE	PL	533330N 0143310E	S087652
85	SHUANGCHENGZU MTC TEST SITE B1/2 RAILCARS	CH	411828N 1001854E	S087421
85	TRANSPORTATION, BAYKAL-AMUR RAIL LINE U/C	UR		S087626

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TOP SECRET CHESS RUFF [REDACTED]

25X1

PART IV

Listing of Reports by Coordinates

TOP SECRET CHESS RUFF

25X1

COORD	SUBJECT	COUN	ACCN NO.
124940N 0450150E	ADEN AIRFIELD INTERNATIONAL MAY IL-38 IDENT	YS	S087406
130940N 0444630E	AL ANAD AIRFIELD CONSTRUCTION	YS	S087405
161150N 0521120E	AL GHAYDAH MILITARY CAMP INFANTRY BN HQ	YS	S087427
1638 N 05301 E	HAWF ARTILLERY BATTERIES	YS	
1712 N 04959 E	THAMUD MECHANIZED INFANTRY BATTALION	YS	
1700 N 05150 E	JABAL SHABUT MECHANIZED INFANTRY BATTALION	YS	
172500N 0510500E	THUF INFANTRY BRIGADE HEADQUARTERS	YS	
192139N 1090822E	CHANGCHIANG SSM/SPACE TRACKING FACILITY	CH	S087346
192139N 1090822E	CHANGCHIANG SSM/SPACE TRACKING FACILITY	CH	S087311
211804N 1102429E	TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT	CH	S087443
211804N 1102429E	TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT	CH	
233950N 1025630E	CHIENSHUI SSM RIM FACILITY ANTENNAS	CH	S087328
235517N 1023458E	CHIENSHUI SSM COMPLEX SITE 9 ANTENNA	CH	
262345N 1174830E	SHAHSIEN SPACE TRACKING FACILITY POSS	CH	S087576
281950N 1143110E	FANGCHI ARMS PLANT WSW	CH	S087153
293855N 0910516E	LASA SSM/SPACE TRACKING FACILITY	CH	S087569
295420N 1213600E	NINGPO RADIO COMMUNICATIONS STATION EAST	CH	S087377
3047 N 04746 E	AL BASRAH NAVAL TRNG FAC REBEL GUERRILLA TRNG	IZ	S087061
303830N 0765400E	CHANDIGARH ORDNANCE RSCH LAB TEST/CONST ACT	IN	S087423
305800N 1211242E	SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	S087327
305800N 1211242E	SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	
315212N 1184630E	NANCHING RADIO RELAY STATION BUNKERED	CH	S087378
311544N 1202408E	SUCHOU AIRFIELD WEST 2	CH	S087217
311626N 1202442E	SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A1 U/G	CH	
311627N 1202517E	SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A2 U/G	CH	
311627N 1202500E	SUCHOU AIRFIELD WEST 2 SUPPORT FACILITY A U/G	CH	
310027N 1212325E	SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	S087327

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
310027N 1212325E	SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2	CH	
311723N 1213311E	SHANGHAI SHIPYARD NEW U/C	CH	5087117
322810N 0115400E	EL UOTIA AIRFIELD STAR-SHAPED BUILDINGS U/C	LY	5087401
345654N 1085656E	YAOHSIEN NUCLEAR WEAPONS STORAGE PROB	CH	5087209
343545N 1100650E	HUAYIN WEAPONS TEST FACILITY EAST	CH	5087214
3537 N 06700 E	DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	5087061
3537 N 06700 E	DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	
352317N 1101013E	SHIHTSUN RADIO RELAY STATION NORTH BUNKERED	CH	5087379
385657N 1010807E	SHANTAN SAM TRAINING AREA B	CH	5087155
394311N 0643223E	KAGAN ARMY BARRACKS AL1	UR	5087672
394748N 1162358E	PEICHING GUIDED MISSILE PLT NANYUAN SLBM A/F	CH	5087385
394849N 1160805E	PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPSN	CH	5087386
390647N 1264351E	YANGDOK ELINT FACILITY	KN	5087376
404521N 0871327E	HALAKASSUTE SSM/SPACE TRACKING FACILITY	CH	5087360
404521N 0871327E	HALAKASSUTE SSM/SPACE TRACKING FACILITY	CH	5087316
404804N 0894856E	LOPUPO NUCLEAR TEST SITE 6Z-7 CHIC-25	CH	5087382
404126N 1205309E	CHINHSI SSM R+D TEST CPLX CSA-X-2 TEST ACT	CH	5087121
415330N 0232710E	RAZLOG AMMUNITION STORAGE FACILITY	BU	5087617
410613N 1001647E	SHUANGCHENG TZU MTC SSM/SAM ASBLY/CHECKOUT FAC	CH	5087421
411828N 1001854E	SHUANGCHENG TZU MTC ICBM SITE B1/2 AZIMUTH	CH	5087112
411828N 1001854E	SHUANGCHENG TZU MTC TEST SITE B1/2 RAILCARS	CH	5087421
411828N 1001854E	SHUANGCHENG TZU MTC TEST SITE B1/2 RAILCARS	CH	
421416N 1301748E	NAJIN SHIPYARD 28 HANTAE CL LSM SERIES PROD	KN	5087363

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COORD	SUBJECT	COUN	ACCN NO.
425400N 1322110E	DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING	UR	5087117
425400N 1322110E	DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING	UR	
435318N 0255839E	GIURGIU PORT COMPLEX	RO	5087612
431704N 0265653E	SHUMEN AMMUNITION STORAGE FACILITY 515	BU	5087616
433328N 0751205E	OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE	UR	5087530
433328N 0751205E	OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE	UR	
4348 N 13157 E	USSURIYSK TV RELAY STATION SEARCH	UR	5087778
435700N 1314032E	POKROVKA RADIO RELAY + RADCOM XMTR STATION	UR	
430703N 1322017E	PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT	UR	5087407
430703N 1322017E	PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL	UR	5087430
430703N 1322017E	PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL	UR	
430703N 1322017E	PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT	UR	5087407
435900N 1322125E	OSINOVKA RADIO RELAY STATION EAST	UR	5087778
440130N 1314545E	GALENKI ESV TRACKING/MOLNIYA FACILITY	UR	
442650N 1320743E	KHOROL AIRFIELD EAST BISON AIRCRAFT	UR	5087533
443540N 1325310E	SPASSK DALNIY ARMY BARRACKS AL4	UR	5087779
440640N 1332045E	ARSENIEV TV BROADCASTING CENTER	UR	5087778
440859N 1331523E	ARSENIEV AIRFRAME PLANT 116	UR	5087412
444500N 1333730E	OZERNOYE RADIO RELAY STATION	UR	5087778
451930N 0340623E	OKTYABRSKOYE AIRFIELD BLINDER TU-22	UR	5087651
454230N 0632020E	TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW	UR	5087321
455653N 0633915E	TYURATAM MTC SITE U/C	UR	5087128
455751N 0631825E	TYURATAM MTC SPACE COMPLEX J SPACECRAFT	UR	5087358
455200N 0733100E	SARY SHAGAN MTC R+D COMPLEX POINTER TRACKER	UR	5087380

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COORD	SUBJECT	COUN	ACCN NO.
454459N 1061443E	MANDALGOVI GROUND FORCES EXERCISE SOVIET	MG	S087451
454431N 1223859E	PAICHENG MUNITIONS TEST COMPLEX MRL NEW IDENT	CH	S087206
452730N 1332530E	LESOZAVODSK RADIO RELAY STATION	UR	S087778
465705N 0315816E	NIKOLAYEV SHIPYARD NOSENKO 444	UR	S087063
465507N 0320456E	NIKOLAYEV/KULBAKINO A/C REPAIR BASE BEAR D/E	UR	S087650
465840N 0320019E	NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445	UR	S087063
460021N 0631833E	TYURATAM MTC SPACE SITE U/C	UR	S087109
471041N 0190426E	KISKUNLACHAZA AIRFIELD FLOGGER MIG-23 A/C	HU	S087524
471717N 0354238E	BOLSHOY TOKMAK AIRFIELD	UR	S087525
471516N 0394318E	ROSTOV AIRFRAME PLANT 168 HIND SHPG CONTS NEW	UR	S087414

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471430N 1072900E	BAYAN SUMA AMMUNITION STORAGE DEPOT DA1	MG	S087677
482601N 0345828E	DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR	UR	S087341
482601N 0345828E	DNEPROPETROVSK MISSILE DPC TEST STAND 5	UR	S087345
482601N 0345828E	DNEPROPETROVSK MISSILE DPC TEST STAND 5	UR	S087309
482115N 0352150E	ILLARIONOVO RADIO RELAY STATION SE	UR	S087618
482658N 0355723E	PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC	UR	S087110
482605N 0355817E	PAVLOGRAD SOLID MOTOR TEST FACILITY	UR	
483030N 0355702E	PAVLOGRAD ORDNANCE RESEARCH + DEVELOPMENT FAC	UR	
483401N 0354912E	PAVLOGRAD SOLID MOTOR PRODUCTION PLANT	UR	
483600N 0353900E	BULAKHOVKA RADIO RELAY STATION	UR	S087618
483800N 0351500E	NOVOMOSKOVSK RADIO RELAY STATION	UR	
484222N 0352259E	VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE	UR	S087528
484222N 0352259E	VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE	UR	

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COORD	SUBJECT	COUN	ACCN NO.
485255N 0351935E	GOLUBOVKA RADIO RELAY STATION	UR	S087618
483357N 0375750E	ARTEMOVSK ORDNANCE DEPOT D01	UR	S087532
481750N 0401049E	KAMENSK SHAKHTINSKIY SOLID MOTOR PROD PLANT	UR	S087110
482735N 0444022E	VOLGOGRAD THERMAL POWER PLANT TETS 4	UR	S087058
484107N 0455853E	KAPUSTIN YAR MTC SS-20 DEPLOYMENT PATTERNS	UR	S087349
484107N 0455853E	KAPUSTIN YAR MTC SL-8 ACTIVITY	UR	S087314
481838N 0461424E	AKHTUBINSK/VLADIMIROVKA AFLD A/C RADOME ANAL	UR	S087326
482039N 0462000E	AKHTUBINSK ORDNANCE TEST AREA 1	UR	S087342
482039N 0462000E	AKHTUBINSK ORDNANCE TEST AREA 1	UR	S087313
482600N 0462300E	AKHTUBINSK ORDNANCE TEST AREA 4	UR	S087342
482600N 0462300E	AKHTUBINSK ORDNANCE TEST AREA 4	UR	S087313
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	S087342
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	S087313
483000N 0461500E	KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	UR	
483555N 0461752E	KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	UR	S087351
483555N 0461752E	KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	UR	S087350
483658N 0461800E	KAPUSTIN YAR MTC CPLX C SITE 1 SS-16/20 TEL	UR	S087207
482110N 0471210E	KAPUSTIN YAR MTC TRACKING FACIL BAR LOCK RDR	UR	S087318
482550N 0471002E	KAPUSTIN YAR/TURGAY AW RADAR FACILITY EAST	UR	
481515N 0483130E	TEREKTY ASM IMPACT AREA RDR AREA A RDRS/CRTRS	UR	
483800N 0580300E	EMBA MTC SS-1 FAD-708 INSTRUMENTATION EQUIP	UR	S087205
482405N 1350226E	KHABAROVSK SHIPYARD USSURI SOUTH 876	UR	S087063

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COORD	SUBJECT	COUN	ACCN NO.
482436N 1352500E	KHABAROVSK/BLAGODATNOYE AIRFIELD CF ACTIVITY	UR	5087404
485525N 1400210E	SOVETSKAYA GAVAN/MAYGATKA AIRFIELD	UR	5087766
494950N 0235320E	RUDNO ARMY BARRACKS AL1	UR	5087389
495225N 0305330E	MALYY KAGARLYK RADIO RELAY STATION	UR	5087059
494248N 0312936E	KANEV PASSIVE RADIO RELAY STATION GOAL POST	UR	
494427N 0312639E	KANEV RADIO RELAY STATION	UR	
492740N 0320210E	CHERKASSY TV RELAY + FM BROADCAST STATION	UR	
492722N 0323754E	LIPOVOVE RADIO RELAY STATION	UR	
492902N 0331033E	GLOBINO RADIO RELAY STATION	UR	
494030N 0334415E	BELOTSERKOVKA TV RELAY STATION	UR	
495220N 0335950E	SHISHAKI RADIO RELAY STATION	UR	
493430N 0343415E	POLTAVA TV BROADCAST STATION	UR	
494905N 0350925E	ISKROVKA RADIO RELAY STATION SW	UR	
495810N 0355200E	LYUBOTIN RADIO RELAY STATION	UR	
494830N 0360205E	MEREFA RADIO RELAY STATION	UR	

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500640N 0303640E	OBUKHOV RADIO RELAY STATION 2	UR	5087059
500700N 0303600E	OBUKHOV RADIO RELAY STATION	UR	
502100N 0305710E	BORISPOL RADIO RELAY STATION 2	UR	
502657N 0303045E	KIYEV RADIO RELAY STATION	UR	
502642N 0303036E	KIYEV LONG DISTANCE TELEPHONE SWITCHING CTR	UR	
502755N 0302705E	KIYEV TV STATION	UR	
502725N 0304350E	DARNITSA RADIO RELAY STATION	UR	
502950N 0304430E	BRVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS	UR	5087772

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
503345N 0300525E	MIKULICHI RADIO RELAY STATION	UR	5087059
504450N 0303120E	KIYEV AERODYNAMIC TEST FACILITY	UR	5087148
501835N 0310428E	BORISPOL RADIO RELAY STATION	UR	5087059
501805N 0312805E	BEREZAN RADIO RELAY STATION	UR	
502205N 0312005E	BARYSHEVKA RADIO RELAY STATION	UR	
504515N 0312128E	BOBROVITSA RADIO RELAY STATION	UR	
503730N 0322350E	PRILUKI TV BROADCAST STATION	UR	
501040N 0353030E	BOGODUKHOV RADIO RELAY STATION	UR	
500026N 0361334E	KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER	UR	
500026N 0361334E	KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER	UR	
501301N 0361600E	LENNOY RADIO RELAY STATION	UR	
503433N 0363450E	BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA	UR	
503433N 0363450E	BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA	UR	
505140N 0362310E	YAKOVLEVO RADIO RELAY STATION ENE	UR	
503735N 0775104E	SEMIPALATINSK GRAIN PROCESSING YARD ABANDONED	UR	5087425

25X1

502251N 1060719E	NAUSHKI TANK DEPOT D01	UR	5087649
502112N 1162832E	BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE	UR	5087531
503103N 1162346E	SHIRLOVAYA GORA ARMY BARRACKS AL1	UR	
503220N 1275010E	BEREZOVKA ARMY BARRACKS AL2 ENGINEER BRIGADE	UR	5087678
503411N 1275124E	BEREZOVKA ARMY BARRACKS AL1 ENGINEER BRIGADE	UR	
504134N 1365211E	KOMSOMOLSK TANK STORAGE DEPOT D03	UR	5087611

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
503232N 1370248E	KOMSOMOLSK SHIPYARD AMUR 199	UR	5087063
503518N 1370525E	KOMSOMOLSK AIRFRAME PLT ORDZH 126 FITTER CNTS	UR	5087410

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510128N 0325320E	NEZHIN RADIO RELAY STATION SOUTH	UR	5087059
510732N 0323750E	BAKHMACH RADIO RELAY STATION WEST	UR	
511400N 0331200E	KONOTOP TV RELAY STATION	UR	
513233N 0332129E	KROLEVETS RADIO RELAY STATION	UR	
515428N 0334443E	YAMPOL RADIO RELAY STATION	UR	
511840N 0361055E	DROZDY RADIO RELAY STATION 2	UR	
514530N 0360730E	KURSK RADIO RELAY + TV RELAY STATION WEST	UR	
514530N 0360730E	KURSK RADIO RELAY + TV RELAY STATION WEST	UR	
513819N 0391517E	VORONEZH AIRFRAME PLANT 64 CHARGER TU-144	UR	5087384
513819N 0391517E	VORONEZH AIRFRAME PLANT 64	UR	5087383
514532N 0391732E	VORONEZH ELECTRONICS TEST FACILITY SUSP IDENT	UR	5087203
512845N 0461250E	ENGELS AIRFIELD BISON A MI-4 DISMANTLED	UR	5087780
514225N 0460025E	SARATOV HEAT + THERMAL POWER PLANT TETS 5	UR	5087058
515333N 0672113E	TYURATAM TRACKING FACILITY 5 BOW + ARROW	UR	5087321
5143 N 07519 E	EKIBASTUZ COAL MINING ACTIVITY	UR	5087055
515300N 0752320E	EKIBASTUZ THERMAL POWER PLANT GRES	UR	
515123N 1074344E	ULAN UDE AIRFRAME PLANT 99 FLOGGER MIG-23	UR	5087388
515123N 1074344E	ULAN UDE AIRFRAME PLANT 99 HIP C MI-8 MODIF	UR	5087387
515123N 1074344E	ULAN UDE AIRFRAME PLANT 99	UR	5087411

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COORD	SUBJECT	COUN	ACCN NO.
512458N 1130440E	DROVYANAYA SSM POSITION 2 RESOLUTION TARGET	UR	5087130
512458N 1130440E	DROVYANAYA SSM POSITION 2 RESOLUTION TARGET	UR	
512750N 1130031E	DROVYANAYA SSM COMPLEX RVT AREA SS-20 EXER CF	UR	

25X1

524756N 0253857E	VOLKA ARMY BARRACKS AL1 HEAVY AA DIVISION	UR	5087609
520210N 0291108E	MOZYR MOBILE IRBM BASE/TRNG FAC SS-20 WHD CAN	UR	5087218
521110N 0340135E	SEREDINA BUDA RADIO RELAY STATION	UR	5087059
523012N 0341248E	KHOLMECH RADIO RELAY STATION	UR	
525000N 0343005E	NAVLYA RADIO RELAY STATION	UR	
520351N 0355305E	FATEZH RADIO RELAY STATION SOUTH	UR	
522525N 0354850E	TROSNA RADIO RELAY STATION	UR	
525518N 0360908E	OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR	
525518N 0360908E	OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR	

25X1

522850N 0850300E	BIYSK SOLID MOTOR PRODUCTION PLANT 2	UR	5087110
522905N 0850710E	BIYSK SOLID MOTOR PRODUCTION PLANT 1	UR	
523054N 0850500E	BIYSK SOLID MOTOR TEST AREA 1	UR	
523119N 0850154E	BIYSK SOLID MOTOR TEST AREA 2	UR	

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COORD	SUBJECT	COUN	ACCN NO.
522131N 1041216E 522200N 1041100E	IRKUTSK AIRFRAME PLANT 39 IRKUTSK AIRFIELD NW	UR UR	5087213
533330N 0143310E	SZCZECIN PETROLEUM PRODUCTS STORAGE	PL	5087652
531220N 0342455E	BRYANSK RADIO RELAY STATION	UR	5087059
532402N 0340534E 532402N 0340534E	BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121 BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121	UR UR	5087110
532438N 0555400E 532438N 0555400E	SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR UR	5087529
534010N 0555418E	STERLITAMAK THERMAL POWER PLANT TETS 2	UR	5087058
534200N 0555807E 534200N 0555807E	STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850 STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850	UR UR	5087110
544137N 0202616E	KALININGRAD SHIPYARD STATE 820	UR	5087063
543115N 0302317E	ORSHA MILITARY SUPPLY DEPOT D01	UR	5087647
544350N 0352245E	PALATKI COMMAND CONTROL XMTR FAC U/I BKR ANTS	UR	5087381
541205N 0373510E	TULA MISSILE DESIGN BUREAU SUSP IDENT	UR	5087570
545632N 0824203E	NOVOSIBIRSK AIRCRAFT REPAIR BASE	UR	5087761
552950N 0371530E 552950N 0371530E	MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT	UR UR	5087120
553529N 0371543E	MOSKVA/VNUKOVO AIRFIELD VIP SUPPORT AIRCRAFT	UR	5087212
554000N 0375600E 554000N 0375600E	MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI	UR UR	5087400
554000N 0375600E 554000N 0375600E	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR UR	5087399

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COORD	SUBJECT	COUN	ACCN NO.
554000N 0375600E	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	5087415
554000N 0375600E	MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC	UR	
554106N 0375121E	MOSKVA/LYUBERTSY AIRFIELD HELI NEW KAMOV-DSGN	UR	5087413
554106N 0375121E	MOSKVA/LYUBERTSY AIRFIELD	UR	5087370
554530N 0372928E	MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB	UR	5087338
554547N 0375209E	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	5087312
554547N 0375209E	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	5087352
554547N 0375209E	MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV	UR	5087312
554722N 0374250E	MOSKVA AIRCRAFT COMPONENTS PLANT 25	UR	5087353
554722N 0374250E	MOSKVA AIRCRAFT COMPONENTS PLANT 25	UR	5087325
554846N 0373034E	MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155	UR	5087575
555444N 0372701E	MOSKVA GUIDED MISSILE R+D/PROD PLT TEST STAND	UR	5087337
555444N 0372701E	MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293	UR	5087330
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	5087310
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	5087348
555517N 0374805E	MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88	UR	5087310
550410N 0384810E	KOLOMNA MISSILE DESIGN BUREAU 1 SUSP IDENT	UR	5087570
550440N 0384920E	KOLOMNA MISSILE DESIGN BUREAU 2 SUSP IDENT	UR	
553130N 0383930E	IMENI TSYURUPY RADIO RELAY STATION	UR	5087902
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER RAM J/LUK A	UR	5087391
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER FOXBAT MODIFIED	UR	5087390

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COORD	SUBJECT	COUN	ACCN NO.
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER RAM K	UR	5087409
553418N 0380923E	RAMENSKOYE FLIGHT TEST CENTER BACKFIRE MODIF	UR	5087424
555248N 0380347E	MOSKVA/SHCHELKOVO AIRFIELD VIP SUPPORT A/C	UR	5087212
555011N 0483008E	ZELENODOLSK SHIPYARD 340	UR	5087063
555140N 0490700E	KAZAN AIRFRAME PLANT GORBUNOV BACKFIRE MODIF	UR	5087424
553436N 0515623E	NIZHNEKAMSK THERMAL POWER PLANT TETS 2	UR	5087058
550148N 0560159E	BLAGOVESHCHENSK HEAT + THERMAL POWER PLANT	UR	
550640N 0600820E	MIASS MISSILE DEVELOPMENT + PROD FACIL PROB	UR	5087317
550640N 0600820E	MIASS MISSILE DEVELOPMENT + PROD FACIL PROB	UR	5087354
550849N 0612830E	CHELYABINSK STEEL + MACHINE TOOL PLANT ORDZ 2	UR	5087154
550530N 0825409E	NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC	UR	5087762
550530N 0825409E	NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC	UR	
551616N 0830133E	NOVOSIBIRSK IRBM RTP SS-20 FIELD TRAINING	UR	5087208
552416N 0855815E	KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392	UR	5087110
552458N 0855832E	KEMEROVO SOLID MOTOR PRODUCTION PLANT	UR	
562539N 0372846E	DMITROV MISSILE PROPULSION R+D FACILITY	UR	5087371
564521N 0370700E	IVANKOVSKIY GUIDED MISSILE PLANT	UR	5087331
5624 N 04239 E	FROLISHCHI CHEMICAL WARFARE STORAGE DEPOT	UR	5087763
562142N 0435228E	GORKIY SHIPYARD 112	UR	5087063
565328N 0532026E	IZHEVSK HEAT + THERMAL POWER PLANT TETS 2	UR	5087058
565014N 0605029E	SVERDLOVSK THERMAL POWER PLANT TETS 2	UR	
563435N 0653030E	KOMMUNAR RADIO RELAY STATION	UR	5087648
565200N 0650120E	ZAVODOUSPENSKOYE RADIO RELAY STATION	UR	
565320N 0655400E	BOGANDINSKIY RADIO RELAY STATION	UR	
560236N 0930237E	KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR	5087110

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COORD	SUBJECT	COUN	ACCN NO.
560236N 0930237E	KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR	
574212N 0114820E	GOTEBORG SHIPYARD ARENDAL GOTAVERKEN DRYDOCK	SW	S087117
575300N 0340500E	BOLOGOYE CHEMICAL WARFARE STORAGE FACs SEARCH	UR	S087767
574612N 0393425E	KONSTANTINOVSKIY ARMY BARRACKS	UR	S087523
573207N 0413314E	KOSTROMA ICBM SITE 87 TYPE 3H SILO COMPONENTS	UR	S087444
575055N 0411445E	KOSTROMA SSM CPLX SILO MAT RCVG TYPE 3H CMPNT	UR	
575807N 0555338E	PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98	UR	S087110
575807N 0555338E	PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98	UR	
575918N 0555330E	PERM SOLID MOTOR PRODUCTION PLANT	UR	
575931N 0561552E	PERM ARMY BARRACKS AL2	UR	S087674
575930N 0561601E	PERM ORDNANCE DEPOT CENTRAL DO1	UR	S087676
571320N 0652955E	TYUMEN RADIO RELAY STATION NW TOWER SEARCH	UR	S087648
570856N 0661643E	SOZONOVO RADIO RELAY STATION	UR	
5712 N 16133 E	KAMCHATKA MISSILE IMPACT AREAS CRATERS	UR	S087319
571600N 1624610E	TYURATAM MTC COMPLEX C TRKG FAC ANTS AZIMUTHS	UR	S087329
580822N 0301914E	SOLTSY AIRFIELD AS-4 COUNTS	UR	S087769
580822N 0301914E	SOLTSY AIRFIELD AS-4 COUNTS	UR	
582601N 0413241E	BUY AMMUNITION STORAGE DEPOT 50	UR	S087764
580022N 0562500E	PERM MILITARY TRAINING AREA TA1	UR	S087675
580220N 0561610E	PERM STRATEGIC ROCKET FORCES BARRACKS	UR	S087673
593630N 0301630E	GATCHINA AIRFIELD	UR	S087770
595233N 0301406E	LENINGRAD SHIPYARD ZHDANOV 190	UR	S087063
595233N 0301406E	LENINGRAD SHIPYARD ZHDANOV 190 WARSHIPS U/C	UR	S087402

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COORD	SUBJECT	COUN	ACCN NO.
595518N 0301539E	LENINGRAD SHIPYARD BALTIYSK 189 189A CLASS AG	UR	5087408
595502N 0301618E	LENINGRAD SHIPYARD ADMIRALTY 194	UR	5087063
595541N 0301645E	LENINGRAD SHIPYARD SUDOMEKH 196	UR	
595736N 0301512E	LENINGRAD SHIPYARD PETROVSKIY	UR	
594020N 0564252E	SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVS	UR	5087110
594020N 0564252E	SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVS	UR	
601838N 0285121E	PRIMORSK ROCKET ENGINE TEST FACILITY	UR	5087453
602012N 0325558E	RYBEZHNO AIRFIELD WEST	UR	5087771
602835N 0330154E	CHEGLA AIRFIELD NW	UR	5087765
615340N 0334530E	PETROZAVODSK RADIO RELAY STATION WEST	UR	5087777
614630N 0341955E	PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER	UR	
614630N 0341955E	PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER	UR	
613915N 0402316E	NYANDOMA NUCLEAR WEAPONS STORAGE SOC WPNS TRF	UR	5087403
620743N 0335952E	KONCHOZERO RADIO RELAY STATION	UR	5087777
621300N 0333620E	SPASSKAYA GUBA RADIO RELAY STATION WEST	UR	
621750N 0343040E	ILEM SELGA RADIO RELAY STATION	UR	
623930N 0341520E	KYAPPESELGA RADIO RELAY STATION	UR	
625746N 0402346E	PLESETSK MTC ICBM TYPE 3E SILO CONV/MODIF ACT	UR	5087323
625235N 0414452E	PLESETSK MTC ICBM SITE 28	UR	5087344
625235N 0414452E	PLESETSK MTC ICBM SITE 28	UR	5087315
643420N 0394551E	SEVERODVINSK NAVAL BASE WEST	UR	5087210
643445N 0394716E	SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC	UR	
643438N 0394832E	SEVERODVINSK SHIPYARD 402	UR	
643438N 0394832E	SEVERODVINSK SHIPYARD 402	UR	5087063
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY OSTROV	UR	5087210
674029N 0530853E	NARYAN MAR HELIPORT	UR	5087774

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COORD	SUBJECT	COUN	ACCN NO.
673330N 0640941E	VORKUTA ESV TRACKING FACILITY BOW + ARROW	UR	5087321
690840N 1724030E	KOMSOMOLSKIY AIRFIELD	UR	5087768
2650 N 00651 W	AQUINET BEL EGRA SAHARAN REFUGEE CAMPS	AG	5087426
2742 N 00808 W	TINDOUF MILITARY ACTIVITY	AG	
2742 N 00808 W	TINDOUF SPANISH SAHARAN REFUGEE CAMPS	AG	
674000S 0455120E	MOLODEZHNYA AIRFIELD SEARCH	AY	5087614

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PART V

Listing of Reports by WAC/BE Number

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KOMSOMOLSKIY AIRFIELD		690840N 1724030E	UR	S087768
SEVERODVINSK SHIPYARD 402		643438N 0394832E	UR	S087210
SEVERODVINSK SHIPYARD 402		643438N 0394832E	UR	S087063
SEVERODVINSK NUCLEAR SUBMARINE SPEC SUPT FAC		643445N 0394716E	UR	S087210
SEVERODVINSK NAVAL BASE WEST		643420N 0394551E	UR	
SEVERODVINSK SHIPYARD YAGRY OSTROV		643514N 0394907E	UR	
NARYAN MAR HELIPORT		674029N 0530853E	UR	S087774
VORKUTA ESV TRACKING FACILITY BOW + ARROW		673330N 0640941E	UR	S087321
PETROZAVODSK RADIO RELAY STATION WEST		615340N 0334530E	UR	S087777
KYAPPESELGA RADIO RELAY STATION		623930N 0341520E	UR	
ILEM SELGA RADIO RELAY STATION		621750N 0343040E	UR	
SPASSKAYA GUBA RADIO RELAY STATION WEST		621300N 0333620E	UR	
KONCHOZERO RADIO RELAY STATION		620743N 0335952E	UR	
PLESETSK MTC ICBM SITE 28		625235N 0414452E	UR	S087344
PLESETSK MTC ICBM SITE 28		625235N 0414452E	UR	S087315
PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER		614630N 0341955E	UR	S087777
PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER		614630N 0341955E	UR	
RYBEZHNO AIRFIELD WEST		602012N 0325558E	UR	S087771
CHEGLA AIRFIELD NW		602835N 0330154E	UR	S087765
PLESETSK MTC ICBM TYPE 3E SILO CONV/MODIF ACT		625746N 0402346E	UR	S087323
PRIMORSK ROCKET ENGINE TEST FACILITY		601838N 0285121E	UR	S087453
TYURATAM MTC COMPLEX C TRKG FAC ANTS AZIMUTHS		571600N 1624610E	UR	S087329
GOTEBORG SHIPYARD ARENDAL GOTAVERKEN DRYDOCK		574212N 0114820E	SW	S087117

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD SHIPYARD ZHDANOV 190 WARSHIPS U/C		595233N 0301406E	UR	S087402
LENINGRAD SHIPYARD ZHDANOV 190		595233N 0301406E	UR	S087063
LENINGRAD SHIPYARD PETROVSKIY		595736N 0301512E	UR	
LENINGRAD SHIPYARD SUDOMEKH 196		595541N 0301645E	UR	
LENINGRAD SHIPYARD ADMIRALTY 194		595502N 0301618E	UR	
LENINGRAD SHIPYARD BALTIYSK 189 189A CLASS AG		595518N 0301539E	UR	S087408
SOLTSY AIRFIELD AS-4 COUNTS		580822N 0301914E	UR	S087769
SOLTSY AIRFIELD AS-4 COUNTS		580822N 0301914E	UR	
GATCHINA AIRFIELD		593630N 0301630E	UR	S087770
KOSTROMA SSM CPLX SILO MAT RCVG TYPE 3H CMPNT		575055N 0411445E	UR	S087444
IVANKOVSKIY GUIDED MISSILE PLANT		564521N 0370700E	UR	S087331
BUY AMMUNITION STORAGE DEPOT 50		582601N 0413241E	UR	S087764
GORKIY SHIPYARD 112		562142N 0435228E	UR	S087063
KOSTROMA ICBM SITE 87 TYPE 3H SILO COMPONENTS		573207N 0413314E	UR	S087444
DMITROV MISSILE PROPULSION R+D FACILITY		562539N 0372846E	UR	S087371
KONSTANTINOVSKIY ARMY BARRACKS		574612N 0393425E	UR	S087523
IZHEVSK HEAT + THERMAL POWER PLANT TETS 2		565328N 0532026E	UR	S087058
PERM STRATEGIC ROCKET FORCES BARRACKS		580220N 0561610E	UR	S087673
BOGANDINSKIY RADIO RELAY STATION		565320N 0655400E	UR	S087648
SVERDLOVSK THERMAL POWER PLANT TETS 2		565014N 0605029E	UR	S087058
PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98		575807N 0555338E	UR	S087110
PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98		575807N 0555338E	UR	
SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVSK		594020N 0564252E	UR	
SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVSK		594020N 0564252E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
PERM ORDNANCE DEPOT CENTRAL D01		575930N 0561601E	UR	S087676
PERM SOLID MOTOR PRODUCTION PLANT		575918N 0555330E	UR	S087110
PERM ARMY BARRACKS AL2		575931N 0561552E	UR	S087674
PERM MILITARY TRAINING AREA TA1		580022N 0562500E	UR	S087675
KOMMUNAR RADIO RELAY STATION		563435N 0653030E	UR	S087648
TYUMEN RADIO RELAY STATION NW TOWER SEARCH		571320N 0652955E	UR	
ZAVODOUSPENSKOYE RADIO RELAY STATION		565200N 0650120E	UR	
SOZONOVO RADIO RELAY STATION		570856N 0661643E	UR	
KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT		560236N 0930237E	UR	S087110
KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT		560236N 0930237E	UR	
KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392		552416N 0855815E	UR	
BIYSK SOLID MOTOR PRODUCTION PLANT 1		522905N 0850710E	UR	
KEMEROVO SOLID MOTOR PRODUCTION PLANT		552458N 0855832E	UR	
BIYSK SOLID MOTOR TEST AREA 2		523119N 0850154E	UR	
BIYSK SOLID MOTOR PRODUCTION PLANT 2		522850N 0850300E	UR	
BIYSK SOLID MOTOR TEST AREA 1		523054N 0850500E	UR	
NOVOSIBIRSK AIRCRAFT REPAIR BASE		545632N 0824203E	UR	S087761
NOVOSIBIRSK IRBM RTP SS-20 FIELD TRAINING		551616N 0830133E	UR	S087208
NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC		550530N 0825409E	UR	S087762
NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC		550530N 0825409E	UR	
MIASS MISSILE DEVELOPMENT + PROD FACIL PROB		550640N 0600820E	UR	S087354
MIASS MISSILE DEVELOPMENT + PROD FACIL PROB		550640N 0600820E	UR	S087317
CHELYABINSK STEEL + MACHINE TOOL PLANT ORDZ 2		550849N 0612830E	UR	S087154
STERLITAMAK THERMAL POWER PLANT TETS 2		534010N 0555418E	UR	S087058
NIZHNEKAMSK THERMAL POWER PLANT TETS 2		553436N 0515623E	UR	
BLAGOVESHCHENSK HEAT + THERMAL POWER PLANT		550148N 0560159E	UR	
KAZAN AIRFRAME PLANT GORBUNOV BACKFIRE MODIF		555140N 0490700E	UR	S087424
SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE		532438N 0555400E	UR	S087529
SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE		532438N 0555400E	UR	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850		534200N 0555807E	UR	S087110
STERLITAMAK EXPLOSIVES/SOLID MTR PROD PLT 850		534200N 0555807E	UR	
ZELENODOLSK SHIPYARD 340		555011N 0483008E	UR	S087063

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IMENI TSYURUPY RADIO RELAY STATION		553130N 0383930E	UR	S087902
MOSKVA AIRCRAFT COMPONENTS PLANT 25		554722N 0374250E	UR	S087353
MOSKVA AIRCRAFT COMPONENTS PLANT 25		554722N 0374250E	UR	S087325
MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT		552950N 0371530E	UR	S087120
MOSKVA/VNUKOVO DF FACILITY HF/DF ANTS IDENT		552950N 0371530E	UR	
KOLOMNA MISSILE DESIGN BUREAU 1 SUSP IDENT		550410N 0384810E	UR	S087570
KOLOMNA MISSILE DESIGN BUREAU 2 SUSP IDENT		550440N 0384920E	UR	
TULA MISSILE DESIGN BUREAU SUSP IDENT		541205N 0373510E	UR	
MOSKVA MISSILE PROD PLT FILI 23 CHELOMEY OKB		554530N 0372928E	UR	S087338
MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155		554846N 0373034E	UR	S087575
BRYANSK AMMUNITION LOADING/GM PLT SELT50 121		532402N 0340534E	UR	S087110
BRYANSK AMMUNITION LOADING/GM PLT SELT50 121		532402N 0340534E	UR	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	S087348
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	S087310
MOSKVA MISSILE + SPACE DEV CTR KALININGRAD 88		555517N 0374805E	UR	
MOSKVA GUIDED MISSILE R+D/PROD PLT TEST STAND		555444N 0372701E	UR	S087337
MOSKVA GUIDED MISSILE R+D/PROD PLT KHIMKI 293		555444N 0372701E	UR	S087330
ORSKA MILITARY SUPPLY DEPOT D01		543115N 0302317E	UR	S087647
RAMENSKOYE FLIGHT TEST CENTER BACKFIRE MODIF		553418N 0380923E	UR	S087424

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SUBJECT	IDHS. CODE	COORD	COUN	ACCN NO.
RAMENSKOYE FLIGHT TEST CENTER RAM K		553418N 0380923E	UR	S087409
RAMENSKOYE FLIGHT TEST CENTER RAM J/LUK A		553418N 0380923E	UR	S087391
RAMENSKOYE FLIGHT TEST CENTER FOXBAT MODIFIED		553418N 0380923E	UR	S087390
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	S087352
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	S087312
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV		554547N 0375209E	UR	
OREL RADIO RELAY/TV RELAY/FM BROADCAST STA		525518N 0360908E	UR	S087059
OREL RADIO RELAY/TV RELAY/FM BROADCAST STA		525518N 0360908E	UR	
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC		554000N 0375600E	UR	S087415
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC		554000N 0375600E	UR	
MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI		554000N 0375600E	UR	S087400
MOSKVA MILITARY DSGN BUR + A/C EXPMT FAC HELI		554000N 0375600E	UR	
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC		554000N 0375600E	UR	S087399
MOSKVA MILITARY DESIGN BUREAU + A/C EXPMT FAC		554000N 0375600E	UR	
FATEZH RADIO RELAY STATION SOUTH		520351N 0355305E	UR	S087059
TROSNA RADIO RELAY STATION		522525N 0354850E	UR	
PALATKI COMMAND CONTROL XMTR FAC U/I BKR ANTS		544350N 0352245E	UR	S087381
BRYANSK RADIO RELAY STATION		531220N 0342455E	UR	S087059
SEREDINA BUDA RADIO RELAY STATION		521110N 0340135E	UR	
KHOLMECH RADIO RELAY STATION		523012N 0341248E	UR	
NAVLYA RADIO RELAY STATION		525000N 0343005E	UR	
MOSKVA/LYUBERTSY AIRFIELD HELI NEW KAMOV-DSGN		554106N 0375121E	UR	S087413
MOSKVA/LYUBERTSY AIRFIELD		554106N 0375121E	UR	S087370
MOSKVA/SHCHELKOVO AIRFIELD VIP SUPPORT A/C		555248N 0380347E	UR	S087212
MOSKVA/VNUKOVO AIRFIELD VIP SUPPORT AIRCRAFT		553529N 0371543E	UR	
VOLKA ARMY BARRACKS ALI HEAVY AA DIVISION		524756N 0253857E	UR	S087609

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MOZYR MOBILE IRBM BASE/TRNG FAC SS-20 WHD CAN		520210N 0291108E	UR	S087218
KALININGRAD SHIPYARD STATE 820		544137N 0202616E	UR	S087063
[REDACTED]				
SZCZECIN PETROLEUM PRODUCTS STORAGE		533330N 0143310E	PL	S087652
[REDACTED]				
IRKUTSK AIRFRAME PLANT 39		522131N 1041216E	UR	S087213
IRKUTSK AIRFIELD NW		522200N 1041100E	UR	
DROVYANAYA SSM COMPLEX RVT AREA SS-20 EXER CF		512750N 1130031E	UR	S087130
ULAN UDE AIRFRAME PLANT 99		515123N 1074344E	UR	S087411
ULAN UDE AIRFRAME PLANT 99 FLOGGER MIG-23		515123N 1074344E	UR	S087388
ULAN UDE AIRFRAME PLANT 99 HIP C MI-8 MODIF		515123N 1074344E	UR	S087387
DROVYANAYA SSM POSITION 2 RESOLUTION TARGET		512458N 1130440E	UR	S087130
DROVYANAYA SSM POSITION 2 RESOLUTION TARGET		512458N 1130440E	UR	
NAUSHKI TANK DEPOT D01		502251N 1060719E	UR	S087649

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SHIRLOVAYA GORA ARMY BARRACKS AL1		503103N 1162346E	UR	S087531
BORZYA ARMY BARRACKS AL3/HQ MRD/SA-4 BRIGADE		502112N 1162832E	UR	
BEREZOVKA ARMY BARRACKS AL2 ENGINEER BRIGADE		503220N 1275010E	UR	S087678
BEREZOVKA ARMY BARRACKS AL1 ENGINEER BRIGADE		503411N 1275124E	UR	
KOMSOMOLSK AIRFRAME PLT ORDZH 126 FITTER CNTS		503518N 1370525E	UR	S087410
KOMSOMOLSK SHIPYARD AMUR 199		503232N 1370248E	UR	S087063
KHABAROVSK SHIPYARD USSURI SOUTH 876		482405N 1350226E	UR	
KOMSOMOLSK TANK STORAGE DEPOT D03		504134N 1365211E	UR	S087611
SOVETSKAYA GAVAN/MAYGATKA AIRFIELD		485525N 1400210E	UR	S087766
KHABAROVSK/BLAGODATNOYE AIRFIELD CF ACTIVITY		482436N 1352500E	UR	S087404
RUDNO ARMY BARRACKS AL1		494950N 0235320E	UR	S087389
KIYEV TV STATION		502755N 0302705E	UR	S087059
MIKULICHI RADIO RELAY STATION		503345N 0300525E	UR	
MALYY KAGARLYK RADIO RELAY STATION		495225N 0305330E	UR	
PRILUKI TV BROADCAST STATION		503730N 0322350E	UR	
OBUKHOV RADIO RELAY STATION		500700N 0303600E	UR	
GLOBINO RADIO RELAY STATION		492902N 0331033E	UR	
LIPOVOVE RADIO RELAY STATION		492722N 0323754E	UR	
KIYEV AERODYNAMIC TEST FACILITY		504450N 0303120E	UR	S087148

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
BORISPOL RADIO RELAY STATION		501835N 0310428E	UR	S087059
SHISHAKI RADIO RELAY STATION		495220N 0335950E	UR	
DARNITSA RADIO RELAY STATION		502725N 0304350E	UR	
KIYEV RADIO RELAY STATION		502657N 0303045E	UR	
OBUKHOV RADIO RELAY STATION 2		500640N 0303640E	UR	
BEREZAN RADIO RELAY STATION		501805N 0312805E	UR	
BORISPOL RADIO RELAY STATION 2		502100N 0305710E	UR	
BARYSHEVKA RADIO RELAY STATION		502205N 0312005E	UR	
KANEV PASSIVE RADIO RELAY STATION GOAL POST		494248N 0312936E	UR	
BROVARY ARMY BARRACKS AL1 RIVER CROSSING VEHS		502950N 0304430E	UR	S087772
CHERKASSY TV RELAY + FM BROADCAST STATION		492740N 0320210E	UR	S087059
KONOTOP TV RELAY STATION		511400N 0331200E	UR	
KIYEV LONG DISTANCE TELEPHONE SWITCHING CTR		502642N 0303036E	UR	
BELOTSERKOVKA TV RELAY STATION		494030N 0334415E	UR	
KANEV RADIO RELAY STATION		494427N 0312639E	UR	
KROLEVETS RADIO RELAY STATION		513233N 0332129E	UR	
YAMPOL RADIO RELAY STATION		515428N 0334443E	UR	
BAKHMACH RADIO RELAY STATION WEST		510732N 0323750E	UR	
NEZHIN RADIO RELAY STATION SOUTH		510128N 0325320E	UR	
BOBROVITSA RADIO RELAY STATION		504515N 0312128E	UR	
POLTAVA TV BROADCAST STATION		493430N 0343415E	UR	
ISKROVKA RADIO RELAY STATION SW		494905N 0350925E	UR	
BULAKHOVKA RADIO RELAY STATION		483600N 0353900E	UR	S087618
VORONEZH ELECTRONICS TEST FACILITY SUSP IDENT		514532N 0391732E	UR	S087203
DNEPROPETROVSK MISSILE DPC TEST STAND 5		482601N 0345828E	UR	S087309
DNEPROPETROVSK MISSILE DPC UTKIN DESIGN BUR		482601N 0345828E	UR	S087341
DNEPROPETROVSK MISSILE DPC TEST STAND 5		482601N 0345828E	UR	S087345
VORONEZH AIRFRAME PLANT 64 CHARGER TU-144		513819N 0391517E	UR	S087384
VORONEZH AIRFRAME PLANT 64		513819N 0391517E	UR	S087383
KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER		500026N 0361334E	UR	S087059
KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER		500026N 0361334E	UR	
VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE		484222N 0352259E	UR	S087528

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE		484222N 0352259E	UR	
KURSK RADIO RELAY + TV RELAY STATION WEST		514530N 0360730E	UR	S087059
KURSK RADIO RELAY + TV RELAY STATION WEST		514530N 0360730E	UR	
KAMENSK SHAKHTINSKIY SOLID MOTOR PROD PLANT		481750N 0401049E	UR	S087110
BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA		503433N 0363450E	UR	S087059
BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA		503433N 0363450E	UR	
LYUBOTIN RADIO RELAY STATION		495810N 0355200E	UR	
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT		483401N 0354912E	UR	S087110
PAVLOGRAD ORDNANCE RESEARCH + DEVELOPMENT FAC		483030N 0355702E	UR	
LENNYOY RADIO RELAY STATION		501301N 0361600E	UR	S087059
PAVLOGRAD SOLID MOTOR TEST FACILITY		482605N 0355817E	UR	S087110
BOGODUKHOV RADIO RELAY STATION		501040N 0353030E	UR	S087059
DROZDY RADIO RELAY STATION 2		511840N 0361055E	UR	
MEREFA RADIO RELAY STATION		494830N 0360205E	UR	
YAKOVLEVO RADIO RELAY STATION ENE		505140N 0362310E	UR	
NOVOMOSKOVSK RADIO RELAY STATION		483800N 0351500E	UR	S087618
GOLUBOVKA RADIO RELAY STATION		485255N 0351935E	UR	
ILLARIONOVO RADIO RELAY STATION SE		482115N 0352150E	UR	
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC		482658N 0355723E	UR	S087110
ARTEMOVSK ORDNANCE DEPOT D01		483357N 0375750E	UR	S087532
KAPUSTIN YAR/TURGAY AW RADAR FACILITY EAST		482550N 0471002E	UR	S087318
VOLGOGRAD THERMAL POWER PLANT TETS 4		482735N 0444022E	UR	S087058
SARATOV HEAT + THERMAL POWER PLANT TETS 5		514225N 0460025E	UR	
KAPUSTIN YAR MTC TRACKING FACIL BAR LOCK RDR		482110N 0471210E	UR	S087318
AKHTUBINSK ORDNANCE TEST AREA 4		482600N 0462300E	UR	S087342
AKHTUBINSK ORDNANCE TEST AREA 4		482600N 0462300E	UR	S087313
TEREKTY ASM IMPACT AREA RDR AREA A RDRS/CRTS		481515N 0483130E	UR	S087318

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	[REDACTED]	483000N 0461500E	UR	S087313
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L		483000N 0461500E	UR	
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L	[REDACTED]	483000N 0461500E	UR	S087342
KAPUSTIN YAR MTC ORDNANCE TEST AREA REAR L		483000N 0461500E	UR	
KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	[REDACTED]	483555N 0461752E	UR	S087350
KAPUSTIN YAR MTC COMPLEX C SITE 2 SS-20 DPL	[REDACTED]	483555N 0461752E	UR	S087351
KAPUSTIN YAR MTC CPLX C SITE 1 SS-16/20 TEL	[REDACTED]	483658N 0461800E	UR	S087207
AKHTUBINSK ORDNANCE TEST AREA 1	[REDACTED]	482039N 0462000E	UR	S087313
AKHTUBINSK ORDNANCE TEST AREA 1	[REDACTED]	482039N 0462000E	UR	S087342
ENGELS AIRFIELD BISON A MI-4 DISMANTLED	[REDACTED]	512845N 0461250E	UR	S087780
AKHTUBINSK/VLADIMIROVKA AFLD A/C RADOME ANAL	[REDACTED]	481838N 0461424E	UR	S087326
KAPUSTIN YAR MTC SL-8 ACTIVITY	[REDACTED]	484107N 0455853E	UR	S087314
KAPUSTIN YAR MTC SS-20 DEPLOYMENT PATTERNS	[REDACTED]	484107N 0455853E	UR	S087349
EMBA MTC SS-1 FAD-708 INSTRUMENTATION EQUIP	[REDACTED]	483800N 0580300E	UR	S087205
TYURATAM TRACKING FACILITY 5 BOW + ARROW	[REDACTED]	515333N 0672113E	UR	S087321
EKIBASTUZ THERMAL POWER PLANT GRES	[REDACTED]	515300N 0752320E	UR	S087055
SEMIPALATINSK GRAIN PROCESSING YARD ABANDONED	[REDACTED]	503735N 0775104E	UR	S087425

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SARY SHAGAN MTC R+D COMPLEX POINTER TRACKER	455200N	0733100E	UR	S087380
TYURATAM MTC SITE U/C	455653N	0633915E	UR	S087128
TYURATAM MTC SPACE SITE U/C	460021N	0631833E	UR	S087109
TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW	454230N	0632020E	UR	S087321
TYURATAM MTC SPACE COMPLEX J SPACECRAFT	455751N	0631825E	UR	S087358
AZGIR NUCLEAR TEST SITE EAST SHOCK MOUNTS	475413N	0480846E	UR	S087202
ROSTOV AIRFRAME PLANT 168 HIND SHPG CONTS NEW	471516N	0394318E	UR	S087414
BOLSHOY TOKMAK AIRFIELD	471717N	0354238E	UR	S087525
NIKOLAYEV SHIPYARD NOSENKO 444	465705N	0315816E	UR	S087063
NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445	465840N	0320019E	UR	
NIKOLAYEV/KULBAKINO A/C REPAIR BASE BEAR D/E	465507N	0320456E	UR	S087650
OKTYABRSKOYE AIRFIELD BLINDER TU-22	451930N	0340623E	UR	S087651
KISKUNLACHAZA AIRFIELD FLOGGER MIG-23 A/C	471041N	0190426E	HU	S087524
ARSENYEV TV BROADCASTING CENTER	440640N	1332045E	UR	S087778
LESOZAVODSK RADIO RELAY STATION	452730N	1332530E	UR	
OZERNOYE RADIO RELAY STATION	444500N	1333730E	UR	
ARSENYEV AIRFRAME PLANT 116	440859N	1331523E	UR	S087412

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
GALENKI ESV TRACKING/MOLNIYA FACILITY		440130N 1314545E	UR	S087778
SPASSK DALNIY ARMY BARRACKS AL4		443540N 1325310E	UR	S087779
KHOROL AIRFIELD EAST BISON AIRCRAFT		442650N 1320743E	UR	S087533
PAICHENG MUNITIONS TEST COMPLEX MRL NEW IDENT		454431N 1223859E	CH	S087206
BAYAN SUMA AMMUNITION STORAGE DEPOT DA1		471430N 1072900E	MG	S087677
MANDALGOVI GROUND FORCES EXERCISE SOVIET		454459N 1061443E	MG	S087451
SHUANGCHENG TCU MTC ICBM SITE B1/2 AZIMUTH		411828N 1001854E	CH	S087112
SHUANGCHENG TCU MTC TEST SITE B1/2 RAILCARS		411828N 1001854E	CH	S087421
SHUANGCHENG TCU MTC TEST SITE B1/2 RAILCARS		411828N 1001854E	CH	
SHUANGCHENG TCU MTC SSM/SAM ASBLY/CHECKOUT FAC		410613N 1001647E	CH	
CHINH SI SSM R+D TEST CPLX CSA-X-2 TEST ACT		404126N 1205309E	CH	S087121
NAJIN SHIPYARD 28 HANTAE CL LSM SERIES PROD		421416N 1301748E	KN	S087363
OSINOVKA RADIO RELAY STATION EAST		435900N 1322125E	UR	S087778
PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL		430703N 1322017E	UR	S087430
PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL		430703N 1322017E	UR	
PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT		430703N 1322017E	UR	S087407
PETROVKA NAVAL BASE/SHPYD V-3 SSN FITTING-OUT		430703N 1322017E	UR	
DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING		425400N 1322110E	UR	S087117
DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING		425400N 1322110E	UR	
USSURIYSK TV RELAY STATION SEARCH		4348 N 13157 E	UR	S087778
POKROVKA RADIO RELAY + RADCOM XMTR STATION		435700N 1314032E	UR	
GIURGIU PORT COMPLEX		435318N 0255839E	RO	S087612
SHUMEN AMMUNITION STORAGE FACILITY 515		431704N 0265653E	BU	S087616
RAZLOG AMMUNITION STORAGE FACILITY		415330N 0232710E	BU	S087617
OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE		433328N 0751205E	UR	S087530

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
OTAR ARMY BARRACKS SW AL4/RESERVE EQUIP STGE		433328N 0751205E	UR	
LOPUPO NUCLEAR TEST SITE 0Z-7 CHIC-25		404804N 0894856E	CH	S087382
HALAKASSUTE SSM/SPACE TRACKING FACILITY		404521N 0871327E	CH	S087360
HALAKASSUTE SSM/SPACE TRACKING FACILITY		404521N 0871327E	CH	S087316
SHANTAN SAM TRAINING AREA B		385657N 1010807E	CH	S087155
KAGAN ARMY BARRACKS AL1		394311N 0643223E	UR	S087672
YANGDOK ELINT FACILITY		390647N 1264351E	KN	S087376
PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPSN		394849N 1160805E	CH	S087386
PEICHING GUIDED MISSILE PLT NANYUAN SLBM A/F		394748N 1162358E	CH	S087385

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SHIHTSUN RADIO RELAY STATION NORTH BUNKERED		352317N 1101013E	CH	S087379
HUAYIN WEAPONS TEST FACILITY EAST		343545N 1100650E	CH	S087214
EL UOTIA AIRFIELD STAR-SHAPED BUILDINGS U/C		322810N 0115400E	LY	S087401
LASA SSM/SPACE TRACKING FACILITY		293855N 0910516E	CH	S087569
CHANDIGARH ORDNANCE RSCH LAB TEST/CONST ACT		303830N 0765400E	IN	S087423
NINGPO RADIO COMMUNICATIONS STATION EAST		295420N 1213600E	CH	S087377
SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2		310027N 1212325E	CH	S087327
SHANGHAI GUIDED MSL PROD PLT CSS-X-4/CSL-2		310027N 1212325E	CH	
SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2		305800N 1211242E	CH	
SUNGCHIANG GUIDED MSL PROD PLT CSS-X-4/CSL-2		305800N 1211242E	CH	
SUCHOU AIRFIELD WEST 2 SUPPORT FACILITY A U/G		311627N 1202500E	CH	S087217
SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A1 U/G		311626N 1202442E	CH	
SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A2 U/G		311627N 1202517E	CH	
SUCHOU AIRFIELD WEST 2		311544N 1202408E	CH	
NANCHING RADIO RELAY STATION BUNKERED		315212N 1184630E	CH	S087378

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
FANGCHI ARMS PLANT WSW		281950N 1143110E	CH	S087153
SHAHSIEN SPACE TRACKING FACILITY POSS		262345N 1174830E	CH	S087576
TINDOUF MILITARY ACTIVITY		2742 N 00808 W	AG	S087426
TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT		211804N 1102429E	CH	S087443
TIAOSHUNTSUN PORT FACILITIES CSA-1 EQUIPMENT		211804N 1102429E	CH	
CHIENSHUI SSM RIM FACILITY ANTENNAS		233950N 1025630E	CH	S087328
CHIENSHUI SSM COMPLEX SITE 9 ANTENNA		235517N 1023458E	CH	
CHANGCHIANG SSM/SPACE TRACKING FACILITY		192139N 1090822E	CH	S087346
CHANGCHIANG SSM/SPACE TRACKING FACILITY		192139N 1090822E	CH	S087311
AL GHAYDAH MILITARY CAMP INFANTRY BN HQ		161150N 0521120E	YS	S087427
JABAL SHABUT MECHANIZED INFANTRY BATTALION		1700 N 05150 E	YS	
THUF INFANTRY BRIGADE HEADQUARTERS		172500N 0510500E	YS	
ADEN AIRFIELD INTERNATIONAL MAY IL-38 IDENT		124940N 0450150E	YS	S087406
AL ANAD AIRFIELD CONSTRUCTION		130940N 0444630E	YS	S087405
MOLODEZHNYA AIRFIELD SEARCH		674000S 0455120E	AY	S087614

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PART VI

Listing of Reports by Accession Number

TOP SECRET CHESS RUFF

25X1

CIA INFR IS10020-79 02 FEB 79 SEC CLASS: 05 MSN: 0011P ACCN: S087055

EKIBASTUZ COAL MINING ACTIVITY UR 5143 N 07519 E
 WAC NO : 0238 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30A COMIREX NO:
 EKIBASTUZ THERMAL POWER PLANT GRES UR 515300N 0752320E
 WAC NO : 0238 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:

25X1

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THIS STUDY DESCRIBES COAL MINING ACTIVITY AND POWER PLANT CONSTRUCTION IN THE EKIBASTUZ AREA OF THE SOVIET UNION. IT IS THE FIRST OF THREE PLANNED STUDIES OF SOVIET COAL MINING AREAS WHERE MINING ACTIVITIES ARE REPORTEDLY BEING EXPANDED. THE OTHER TWO AREAS ARE KAMSK-ACHINSK AND YARNAKOVSKIY. THE EKIBASTUZ AREA REPORTEDLY PRODUCES ABOUT ONE-FOURTH OF THE SOVIET UNION'S STRIP-MINED COAL. BASED ON THE CAPACITIES OF THE EXCAVATING EQUIPMENT OBSERVED, OIA ESTIMATES THAT PRODUCTION AT THE TWO EKIBASTUZ MINES IN 1975 WAS ABOUT 46 MILLION METRIC TONS AND THAT 1978 PRODUCTION WOULD BE ABOUT 75 MILLION METRIC TONS. THESE FIGURES ARE VERY CLOSE TO SOVIET REPORTS OF COAL PRODUCTION AT EKIBASTUZ. THE SOVIETS HAVE ANNOUNCED PLANS TO EXPAND COAL PRODUCTION FACILITIES AND TO BUILD FOUR POWER PLANTS IN THE EKIBASTUZ AREA. EXPANSION OF THE TWO EKIBASTUZ MINES AND INTRODUCTION OF NEW MINING EQUIPMENT HAS BEEN EVIDENT ON SATELLITE PHOTOGRAPHY OVER THE PAST NINE YEARS. IN 1978 A LARGE NEW COAL PROCESSING AND WASHING PLANT WAS UNDER CONSTRUCTION.

CIA INFR IS10033K-79 16 MAR 79 SEC CLASS: 13 MSN: 0016P ACCN: S087058 25X1

BLAGOVESHCHENSK HEAT + THERMAL POWER PLANT UR 550148N 0560159E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 IZHEVSK HEAT + THERMAL POWER PLANT TETS 2 UR 565328N 0532026E
 WAC NO : 0155 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 NIZHNEKAMSK THERMAL POWER PLANT TETS 2 UR 553436N 0515623E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 SARATOV HEAT + THERMAL POWER PLANT TETS 5 UR 514225N 0460025E
 WAC NO : 0235 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 STERLITAMAK THERMAL POWER PLANT TETS 2 UR 534010N 0555418E
 WAC NO : 0165 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 SVERDLOVSK THERMAL POWER PLANT TETS 2 UR 565014N 0605029E
 WAC NO : 0156 BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 30E COMIREX NO:
 VOLGOGRAD THERMAL POWER PLANT TETS 4 UR 482735N 0444022E
 WAC NO : 0235 BE/OBJ NO: NPIC NO : -

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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IDHS CODE: [] EPF CAT : 30E COMIREX NO: []
 INDUSTRY, THERMAL POWER PLANTS NEW UR
 WAC NO : [] BE/OBJ NO: [] NPIC NO : -
 IDHS CODE: [] EPF CAT : 30E COMIREX NO: []

25X1

THIS MEMORANDUM PRESENTS INFORMATION ON SEVEN THERMAL POWER PLANTS IN THE URALS-VOLGA REGION OF WESTERN
 USSR THAT HAVE BEEN BUILT SINCE JANUARY 1973 OR ARE CURRENTLY UNDER CONSTRUCTION. FOUR OF THE SEVEN
 PLANTS ARE OPERATIONAL. THESE INCLUDE BLAGOVESHCHENSK HEAT AND THERMAL POWER PLANT, IZHEVSK HEAT AND
 THERMAL POWER PLANT TETS 2, STERLITAMAK THERMAL POWER PLANT TETS 2, AND VOLGOGRAD THERMAL POWER PLANT TETS

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CIA INFR IS10053J-79 20 MAR 79 [] SEC CLASS: 24 MSN: 0023P ACCN: 5087059 25X1

OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR 525518N 0360908E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 65-B1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []
OREL RADIO RELAY/TV RELAY/FM BROADCAST STA	UR 525518N 0360908E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 65-B1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []
TROSKA RADIO RELAY STATION	UR 522525N 0354850E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 176
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []
FATEZH RADIO RELAY STATION SOUTH	UR 520351N 0355305E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 193
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []
KURSK RADIO RELAY + TV RELAY STATION WEST	UR 514530N 0360730E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 23-L1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []
KURSK RADIO RELAY + TV RELAY STATION WEST	UR 514530N 0360730E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 23-L1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []
DROZDY RADIO RELAY STATION 2	UR 511840N 0361055E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 117

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	
YAKOVLEVO RADIO RELAY STATION ENE		UR 505140N 0362310E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 63-A	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA		UR 503433N 0363450E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 3-A1	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
BELGOROD RADIO RELAY/TV RELAY/FM BDCST STA		UR 503433N 0363450E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 3-A1	25X1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []	25X1
LENNOY RADIO RELAY STATION		UR 501301N 0361600E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 15-I1	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
MEREFA RADIO RELAY STATION		UR 494830N 0360205E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 15-T4	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER		UR 500026N 0361334E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 15-F2	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
KHARKOV RADIO RELAY/TV/FM BROADCAST CENTER		UR 500026N 0361334E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 15-F2	25X1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []	25X1
LYUBOTIN RADIO RELAY STATION		UR 495810N 0355200E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 15-R2	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
ISKROVKA RADIO RELAY STATION SW		UR 494905N 0350925E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 70-B	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
POLTAVA TV BROADCAST STATION		UR 493430N 0343415E	25X1
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 31-A9	25X1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []	25X1
SHISHAKI RADIO RELAY STATION		UR 495220N 0335950E	25X1
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
BELTSEKOVKA TV RELAY STATION		UR 494030N 0334415E	25X1
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 38-D	25X1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO: []	25X1
GLOBINO RADIO RELAY STATION		UR 492902N 0331033E	25X1
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 148-A	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
LIPOVOVE RADIO RELAY STATION		UR 492722N 0323754E	25X1
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 211	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1

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CHERKASSY TV RELAY + FM BROADCAST STATION UR 492740N 0320210E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 9-D1
IDHS CODE: EPF CAT : 25B COMIREX NO:
KANEV PASSIVE RADIO RELAY STATION GOAL POST UR 494248N 0312936E
WAC NO : 0233 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25D COMIREX NO:
KANEV RADIO RELAY STATION UR 494427N 0312639E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 195-A
IDHS CODE: EPF CAT : 25D COMIREX NO:
MALYY KAGARLYK RADIO RELAY STATION UR 495225N 0305330E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 203
IDHS CODE: EPF CAT : 25D COMIREX NO:
OBUKHOV RADIO RELAY STATION UR 500700N 0303600E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 29-F3
IDHS CODE: EPF CAT : 25D COMIREX NO:
KIYEV LONG DISTANCE TELEPHONE SWITCHING CTR UR 502642N 0303036E
WAC NO : 0233 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25D COMIREX NO:
KIYEV TV STATION UR 502755N 0302705E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 29-C3
IDHS CODE: EPF CAT : 25B COMIREX NO:
BRYANSK RADIO RELAY STATION UR 531220N 0342455E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 8-E2
IDHS CODE: EPF CAT : 25D COMIREX NO:
NAVLYA RADIO RELAY STATION UR 525000N 0343005E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 208
IDHS CODE: EPF CAT : 25D COMIREX NO:
KHOLMECH RADIO RELAY STATION UR 523012N 0341248E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 207
IDHS CODE: EPF CAT : 25D COMIREX NO:
SEREDINA BUDA RADIO RELAY STATION UR 521110N 0340135E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 204
IDHS CODE: EPF CAT : 25D COMIREX NO:
YAMPOL RADIO RELAY STATION UR 515428N 0334443E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 207
IDHS CODE: EPF CAT : 25D COMIREX NO:
KRILEVETS RADIO RELAY STATION UR 513233N 0332129E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 106-C
IDHS CODE: EPF CAT : 25D COMIREX NO:
KONOTOP TV RELAY STATION UR 511400N 0331200E
WAC NO : 0233 BE/OBJ NO: NPIC NO : - 32-C3
IDHS CODE: EPF CAT : 25B COMIREX NO:
BAKHMACH RADIO RELAY STATION WEST UR 510732N 0323750E

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 82-C	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
NEZHIN RADIO RELAY STATION SOUTH		UR 510128N 0325320E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 40-B1	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
BOBROVITSA RADIO RELAY STATION		UR 504515N 0312128E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 206	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
DARNITSA RADIO RELAY STATION		UR 502725N 0304350E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
MIKULICHI RADIO RELAY STATION		UR 503345N 0300525E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 17-A1	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
KIYEV RADIO RELAY STATION		UR 502657N 0303045E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
BORISPOL RADIO RELAY STATION		UR 501835N 0310428E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 30-N1	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1
BEREZAN RADIO RELAY STATION		UR 501805N 0312805E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
PRILUKI TV BROADCAST STATION		UR 503730N 0322350E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : - 46-E1	25X1
IDHS CODE: []	EPF CAT : 25B	COMIREX NO:	25X1
OBUKHOV RADIO RELAY STATION 2		UR 500640N 0303640E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
BORISPOL RADIO RELAY STATION 2		UR 502100N 0305710E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
BARYSHEVKA RADIO RELAY STATION		UR 502205N 0312005E	
WAC NO : 0233	BE/OBJ NO: []	NPIC NO : -	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO:	25X1
BOGODUKHOV RADIO RELAY STATION		UR 501040N 0353030E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 90-A2	25X1
IDHS CODE: []	EPF CAT : 25D	COMIREX NO: []	25X1

THE RADIO-RELAY POINT-TO-POINT COMMUNICATIONS NETWORK WITHIN THE BRYANSK, OREL, KHARKOV, KIYEV AREA CONSISTS OF FOUR MAIN AND SIX BRANCH LINES. THESE LINES CONTAIN 55 RADIO-RELAY STATIONS WITH A VARIETY OF ANTENNA TYPES. SEVERAL OF THE LINES USE A MIXTURE OF ANTENNA TYPES.
THREE OF THE FOUR MAIN LINES ARE SEGMENTS OF LINES THAT ORIGINATE IN MOSCOW. TWO OF THESE MAIN LINES

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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PARALLEL EACH OTHER BETWEEN OREL AND MERFA. THEY ARE SEGMENTS OF LINES THAT REPORTEDLY EXTEND FROM MOSCOW TO SIMFEROPOL. THE LINE BETWEEN BRYANSK AND MIKULICHI (NEAR KIYEV) IS PART OF THE MOSCOW-KIYEV RADIO-RELAY LINE. THE FOURTH MAIN LINE EXTENDS FROM KHARKOV TO KIYEV.

CIA INFR IS10055J-79 29 MAR 79 [] SEC CLASS: 24 MSN: 0006P ACCN: S087061 25X1

AL BASRAH NAVAL TRNG FAC REBEL GUERILLA TRNG	IZ	3047 N 04746 E	E	
WAC NO : 0445	BE/OBJ NO:	NPIC NO :	-	
IDHS CODE: []	EPF CAT : 75	COMIREX NO:		25X1
DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	3537 N 06700 E	E	
WAC NO : 0336	BE/OBJ NO:	NPIC NO :	-	
IDHS CODE: []	EPF CAT : 35A	COMIREX NO:		25X1
DEH DADI MILITARY BARRACKS GUERILLA TRNG POSS	AF	3537 N 06700 E	E	
WAC NO : 0336	BE/OBJ NO:	NPIC NO :	-	
IDHS CODE: []	EPF CAT : 35B	COMIREX NO:		25X1

COMMUNICATIONS INTELLIGENCE INDICATES THAT CERTAIN REBEL GROUPS, INCLUDING IRANIAN DISSIDENTS, PALESTINIANS, AND OTHER ARABS, ARE BEING TRAINED IN GUERRILLA WARFARE AT FACILITIES LOCATED IN IRAQ AND AFGHANISTAN. ACTIVITY THAT COULD POSSIBLY BE RELATED TO THE TRAINING OF THESE REBEL GROUPS HAS BEEN IDENTIFIED ON RECENT SATELLITE PHOTOGRAPHY AT TWO MILITARY INSTALLATIONS--A NAVAL TRAINING FACILITY IN IRAQ, AND A GROUND FORCES INSTALLATION IN AFGHANISTAN.

CIA INFR IS10060K-79 28 MAR 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S087062 25X1

MILITARY, SOUTH YEMEN/NORTH YEMEN BORDER ACT	YS		
WAC NO :	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 35	COMIREX NO:	
MILITARY, NORTH YEMEN/SOUTH YEMEN BORDER ACT	YE		
WAC NO :	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 35	COMIREX NO:	

THIS MEMORANDUM SUMMARIZES OIA'S ANALYSIS OF MILITARY ACTIVITY IN THE BORDER AREA BASED ON SR-71 PHOTOGRAPHY []. SPECIFICALLY, THEY HAVE ANALYZED SOUTH YEMENI (PDY) AND YEMEN ARAB REPUBLIC (YAR) FORCES IN THE VICINITY OF THE MAJOR YAR BORDER TOWNS OF QATABAH, AND HARIB, IN ADDITION TO THE SOUTHWESTERN BORDER REGION. ADDITIONALLY, OIA HAS VERIFIED THE WITHDRAWAL OF PDY FORCES FROM THE QATABAH AND AL BAYDAH AREAS OF THE YAR IN ACCORDANCE WITH RECENT CEASEFIRE AGREEMENTS.

CIA INFR IS10059K-79 20 MAR 79 [] SEC CLASS: 13 MSN: 0046P ACCN: S087063 25X1

SHIPS, PRODUCTION FACILITIES ACTIVITY 1978	UR		
WAC NO :	BE/OBJ NO:	NPIC NO :	-
IDHS CODE:	EPF CAT : 75E	COMIREX NO:	

88
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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GORKIY SHIPYARD 112	WAC NO : 0154	BE/OBJ NO: []	UR 562142N 0435228E	
	IDHS CODE: []	EPF CAT : 75E	NPIC NO : - 13-C	25X1
KALININGRAD SHIPYARD STATE 820	WAC NO : 0169	BE/OBJ NO: []	COMIREX NO: []	25X1
	IDHS CODE: []	EPF CAT : 75E	UR 544137N 0202616E	25X1
KHABAROVSK SHIPYARD USSURI SOUTH 876	WAC NO : 0204	BE/OBJ NO: []	NPIC NO : - 57-D	25X1
	IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
KOMSOMOLSK SHIPYARD AMUR 199	WAC NO : 0204	BE/OBJ NO: []	UR 482405N 1350226E	25X1
	IDHS CODE: []	EPF CAT : 75E	NPIC NO : - 7-D	25X1
LENINGRAD SHIPYARD ADMIRALTY 194	WAC NO : 0153	BE/OBJ NO: []	COMIREX NO: []	25X1
	IDHS CODE: []	EPF CAT : 75E	UR 503232N 1370248E	25X1
LENINGRAD SHIPYARD PETROVSKIY	WAC NO : 0153	BE/OBJ NO: []	NPIC NO : - 13-E	25X1
	IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
LENINGRAD SHIPYARD SUDOMEKH 196	WAC NO : 0153	BE/OBJ NO: []	UR 595502N 0301618E	25X1
	IDHS CODE: []	EPF CAT : 75E	NPIC NO : - 36-T	25X1
LENINGRAD SHIPYARD ZHDANOV 190	WAC NO : 0153	BE/OBJ NO: []	COMIREX NO: []	25X1
	IDHS CODE: []	EPF CAT : 75E	UR 595736N 0301512E	25X1
NIKOLAYEV SHIPYARD NOSENKO 444	WAC NO : 0250	BE/OBJ NO: []	NPIC NO : - 36-w1	25X1
	IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445	WAC NO : 0250	BE/OBJ NO: []	UR 595541N 0301645E	25X1
	IDHS CODE: []	EPF CAT : 75E	NPIC NO : - 36-B	25X1
SEVERODVINSK SHIPYARD 402	WAC NO : 0092	BE/OBJ NO: []	COMIREX NO: []	25X1
	IDHS CODE: []	EPF CAT : 75E	UR 595233N 0301406E	25X1
ZELENODOLSK SHIPYARD 340	WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 36-K	25X1
	IDHS CODE: []	EPF CAT : 75E	COMIREX NO: []	25X1
			UR 465705N 0315816E	25X1
			NPIC NO : - 46-B	25X1
			COMIREX NO: []	25X1
			UR 465840N 0320019E	25X1
			NPIC NO : - 46-C	25X1
			COMIREX NO: []	25X1
			UR 643438N 0394832E	25X1
			NPIC NO : - 7-A	25X1
			COMIREX NO: []	25X1
			UR 555011N 0483008E	25X1
			NPIC NO : - 34-B	25X1
			COMIREX NO: []	25X1

THE MAJOR PRODUCTION COMPONENTS OF THIRTEEN SOVIET SHIPYARDS--THOSE RESPONSIBLE FOR MOST OF THE SIGNIFICANT NAVAL ORDER OF BATTLE--WERE ANALYZED IN THIS MEMORANDUM USING 1978 SATELLITE PHOTOGRAPHY FOR EXPANSION OR MODERNIZATION, FOR INDICATORS OF CONSTRUCTION PROGRAMS, AND FOR CHANGES IN ACTIVITY LEVELS TO DETERMINE INDICATIONS OF GROWTH PATTERNS IN THE SOVIET DEFENSE INDUSTRY.*

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NPIC BIIR RCA09-0007-79 APR 79 SEC CLASS: 25D MSN: 0040P ACCN: S087110 25X1

STERLITAMAK EXPLOSIVES/SOLID	MTR PROD PLT 850	UR 534200N 0555807E
WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 27-F
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []
STERLITAMAK EXPLOSIVES/SOLID	MTR PROD PLT 850	UR 534200N 0555807E
WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 27-F
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []
BIYSK SOLID MOTOR PRODUCTION	PLANT 1	UR 522905N 0850710E
WAC NO : 0161	BE/OBJ NO: []	NPIC NO : - 6-A
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []
BIYSK SOLID MOTOR PRODUCTION	PLANT 2	UR 522850N 0850300E
WAC NO : 0161	BE/OBJ NO: []	NPIC NO : - 6-A2
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []
BIYSK SOLID MOTOR TEST AREA 1		UR 523054N 0850500E
WAC NO : 0161	BE/OBJ NO: []	NPIC NO : - 6-A1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []
BIYSK SOLID MOTOR TEST AREA 2		UR 523119N 0850154E

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WAC NO : 0161	BE/OBJ NO: []	NPIC NO : - 6-B	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
KAMENSK SHAKHTINSKIY SOLID MOTOR PROD PLANT		UR 481750N 0401049E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 13-A1	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT		UR 483401N 0354912E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 30-D	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
PAVLOGRAD ORDNANCE RESEARCH + DEVELOPMENT FAC		UR 483030N 0355702E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 30-C	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
PAVLOGRAD SOLID MOTOR ASSEMBLY/TEST SUPT FAC		UR 482658N 0355723E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 30-C4	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
PAVLOGRAD SOLID MOTOR TEST FACILITY		UR 482605N 0355817E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 30-C3	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
PERM SOLID MOTOR PRODUCTION PLANT		UR 575918N 0555330E	
WAC NO : 0156	BE/OBJ NO: []	NPIC NO : - 16-U1	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98		UR 575807N 0555338E	
WAC NO : 0156	BE/OBJ NO: []	NPIC NO : - 16-B	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
PERM MUNITIONS + CHEMICAL COMBINE K KIROV 98		UR 575807N 0555338E	
WAC NO : 0156	BE/OBJ NO: []	NPIC NO : - 16-B	25X1
IDHS CODE: []	EPF CAT : 30F	COMIREX NO: []	25X1
KEMEROVO SOLID MOTOR PRODUCTION PLANT		UR 552458N 0855832E	
WAC NO : 0161	BE/OBJ NO: []	NPIC NO : - 10-L	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
KEMEROVO AMMUNITION LDG/EXPLO PLT RAKETA 392		UR 552416N 0855815E	
WAC NO : 0161	BE/OBJ NO: []	NPIC NO : - 10-J	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121		UR 532402N 0340534E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 73	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
BRYANSK AMMUNITION LOADING/GM PLT SELTSO 121		UR 532402N 0340534E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 73	25X1
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []	25X1
SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVSOK		UR 594020N 0564252E	
WAC NO : 0156	BE/OBJ NO: []	NPIC NO : - 63-B	25X1
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []	25X1
SOLIKAMSK POWDER + SOLID MTR PROD PLT BOROVSOK		UR 594020N 0564252E	
WAC NO : 0156	BE/OBJ NO: []	NPIC NO : - 63-B	25X1

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IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []
KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR 560236N 0930237E	
WAC NO : 0159	BE/OBJ NO: []	NPIC NO : - 7-P
IDHS CODE: []	EPF CAT : 35G	COMIREX NO: []
KRASNOYARSK EXPLOSIVES + SOLID MOTOR PROD PLT	UR 560236N 0930237E	
WAC NO : 0159	BE/OBJ NO: []	NPIC NO : - 7-P
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []
MISSILES, SOLID PROPELLANT PRODUCTION FACILS	UR	
WAC NO :	BE/OBJ NO:	NPIC NO : -
IDHS CODE:	EPF CAT : 40E	COMIREX NO:

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THIS REPORT DESCRIBES RECENT DEVELOPMENTS AT 17 SOVIET FACILITIES INVOLVED IN, OR RELATED TO, THE PRODUCTION OF SOLID PROPELLANT ROCKET MOTORS. MAJOR PLANT EXPANSION WAS OBSERVED AT SIX PRODUCTION PLANTS (BIYSK PRODUCTION PLANTS I AND II, KAMENSK-SHAKHTINSKIY, PAVLOGRAD, PERM, AND KEMEROVO), AT PAVLOGRAD ORDNANCE RESEARCH AND DEVELOPMENT FACILITY, AT PAVLOGRAD ASSEMBLY AND TEST SUPPORT FACILITY, AND AT BIYSK SOLID MOTOR TEST AREA II. UPGRADING AND MODERNIZATION CONTINUED AT THREE PRODUCTION PLANTS (STERLITAMAK, SOLIKAMSK, AND KRASNOYARSK) AND AT TWO TEST AREAS (BIYSK SOLID MOTOR TEST AREA I AND PAVLOGRAD SOLID MOTOR TEST FACILITY).

ONE TACTICAL- AND ONE STRATEGIC-SIZED MOTOR WERE BEING DEVELOPED AND/OR STATIC TESTED WITHIN THE BIYSK COMPLEX DURING THE REPORTING PERIOD. PRODUCTION CONTINUED ON ONE STRATEGIC-SIZED MOTOR AND ON ONE TACTICAL-SIZED MOTOR AT KAMENSK-SHAKHTINSKIY. TWO STRATEGIC-SIZED MOTORS WERE IN PRODUCTION WITHIN THE PAVLOGRAD SOLID MOTOR PRODUCTION PLANT. TWO TACTICAL-SIZED MOTORS AND AS MANY AS THREE STRATEGIC-SIZED MOTORS WERE IN DEVELOPMENT WITHIN THE PERM COMPLEX. ONE TACTICAL- AND THREE STRATEGIC-SIZED MOTORS WERE IN DEVELOPMENT WITHIN THE KEMEROVO PLANT. THERE ARE PROBABLY TWO TACTICAL-SIZED MOTORS IN DEVELOPMENT AT BRYANSK AMMUNITION LOADING AND GUIDED MISSILE PLANT SELTSO 121. RENEWED TESTING OF LAUNCH ASSIST DEVICES (LADS) AT THE SS-17 LAD TEST POSITION AT PAVLOGRAD SOLID MOTOR TEST FACILITY SUGGESTS THAT A FOLLOW-ON TO THE SS-17 IS IN DEVELOPMENT.

THIS REPORT UPDATES PREVIOUS NPIC REPORTS ON EACH OF THE FACILITIES AND IS BASED ON ALL PERTINENT KEYHOLE IMAGERY ACQUIRED THROUGH THE INFORMATION CUTOFF DATE OF 31 OCTOBER 1978.

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NPIC SR SR023-79 APR 79 [] SEC CLASS: 14D MSN: 0005P ACCN: S087112 25X1

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

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THIS REPORT SUMMARIZES THE IDENTIFICATION AND HISTORY OF ACTIVITY OF A NEW PROBABLE LAUNCH AZIMUTH INDICATOR AT SHUANGCHENGZI (SHUANG-CHENG-TZU) SSM LAUNCH TEST SITE B1/2. THE INDICATOR, A SURVEY TRIPOD, WHEN CONFIRMED WILL PROVIDE AN INDICATION OF THE INTENDED LAUNCH A SDUTH AS MUCH AS TWO MONTHS PRIOR TO A MISSILE LAUNCH. THE IGHTING OF THIS SURVEY TRIPOD AT THE 140-DEGREE LAUNCH AZIMUTH PAD FOR THE B2 LAUNCH POSITION [] SUGGESTS THAT THE NEXT LAUNCH FROM SHUANGCHENGZI WILL BE A PHOTORECONNAISSANCE SATELLITE LAUNCHED ALONG A 140-DEGREE AZIMUTH FROM THE B2 LAUNCH POSITION.

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CIA IAMR ISMR003J-79 MAR 79 [] SEC CLASS: 25 MSN: 0016P ACCN: S087117 25X1

MILITARY, SS-1 BRIGADE UPGRADE TRANSBAIKAL MD UR
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 35 COMIREX NO: []
DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING UR 425400N 1322110E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 4-C
IDHS CODE: [] EPF CAT : 75A COMIREX NO: []
DUNAY SUBMARINE BASE + SHIP RPR YD UPGRADING UR 425400N 1322110E
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 4-C
IDHS CODE: [] EPF CAT : 75E COMIREX NO: []
INDUSTRY, SYNTHETIC RUBBER INDUSTRY UR
WAC NO : [] BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 30F COMIREX NO: []
SHANGHAI SHIPYARD NEW U/C CH 311723N 1213311E
WAC NO : 0492 BE/OBJ NO: [] NPIC NO : -

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IDHS CODE: [Redacted] EPF CAT : 75E COMIREX NO:
 GOTEBORG SHIPYARD ARENDAL GOTAVERKEN DRYDOCK SW 574212N 0114820E
 WAC NO : 0152 BE/OBJ NO: [Redacted] NPIC NO : -
 IDHS CODE: [Redacted] EPF CAT : 75F COMIREX NO: [Redacted]

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[Redacted]
 ELECTRONICS, R-123/R-123M TRANSCEIVERS GSF6 UR
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 25D COMIREX NO:

NPIC PIR PIR022-79 APR 79 [Redacted] SEC CLASS: 14D MSN: 0005P

ACCN: S087119 25X1

SHIPS, YU KAN CLASS LST CONSTRUCTION PROGRAM CH
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 75D COMIREX NO:
 SHIPS, YU LIANG CLASS LSM CONST PROGRAM CH
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 75D COMIREX NO:
 SHIPS, YU WEI CLASS LSM CONSTRUCTION PROGRAM CH
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 75D COMIREX NO:
 SHIPS, YU CHING CLASS LSM CONST PROGRAM CH
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 75D COMIREX NO:

THE PEOPLE'S REPUBLIC OF CHINA HAS EMBARKED ON A SHIP CONSTRUCTION PROGRAM THAT IS EVIDENTLY INTENDED TO AUGMENT THE NAVY'S AGING FLEET OF FORMER US AMPHIBIOUS SHIPS. DURING 1975 THROUGH 1977, THE CHINESE BUILT PROTOTYPES FOR FOUR NEW CLASSES OF AMPHIBIOUS WARFARE SHIPS. THREE OF THESE NEW CLASSES HAVE BEEN PLACED INTO SERIES PRODUCTION, ONE IN EACH OF THE NAVY'S THREE FLEET AREAS. THE SHIPS DISCUSSED INCLUDE THE YU KAN, THE YU LIANG, THE YU WEI, AND THE YU CHING.*

[Redacted]

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NPIC SR SR021-79 APR 79 [Redacted] SEC CLASS: 25D MSN: 0003P

ACCN: S087121 25X1

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CHINHSI SSM R+D TEST CPLX CSA-X-2 TEST ACT
WAC NO : 0289
IDHS CODE:

BE/OBJ NO:
EPF CAT : 40C

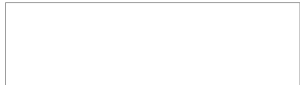
CH : 404126N 1205309E
NPIC NO : - 19-01
COMIREX NO:

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NPIC PIR PIR032-79 APR 79 SEC CLASS: 14B MSN: 0004P ACCN: 5087148 25X1

KIYEV AERODYNAMIC TEST FACILITY

WAC NO : 0233 BE/OBJ NO: UR 504450N 0303120E
IDHS CODE: EPF CAT : 05G NPIC NO : - 29-S5
COMIREX NO:

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THIS REPORT PROVIDES AN INITIAL DESCRIPTION OF THE KIYEV AERODYNAMIC TEST FACILITY, USSR. IT INCLUDES A LOCATION MAP, TWO ANNOTATED PHOTOGRAPHS, AND A TABLE OF MENSURAL DATA.



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DIA BIIR RDA11-0005-78 APR 79 [] SEC CLASS: 14D MSN: [] 0012P ACCN: S087153 25X1

FANGCHI ARMS PLANT WSW CH 281950N 1143110E
WAC NO : 0493 BE/OBJ NO: [] NPIC NO : - 109-C1
IDHS CODE: [] EPF CAT : 35G COMIREX NO: []

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THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE FANG-CHI ARMS PLANT WSW LOCATED IN KIANGSI PROVINCE IN CENTRAL PEOPLE'S REPUBLIC OF CHINA (PRC). THIS ROAD SERVED PLANT ENCOMPASSES 99 HECTARES AND CONTAINS 256 BUILDINGS WITH 71,437 SQUARE METERS OF ROOF COVER. IT IS DIVIDED INTO EIGHT FUNCTIONAL AREAS ACCORDING TO THE PRINCIPAL OPERATION OR ACTIVITY BELIEVED TO BE OCCURRING IN EACH. THE FACILITY HAS THE CAPABILITY TO PRODUCE AND REPAIR WEAPONS THROUGH 19MM.

THE INFORMATION IS PRESENTED IN GRAPHIC, TEXTURAL AND TABULAR FORM. IT INCLUDES A MAP, FIVE ANNOTATED PHOTOGRAPHS, AND TABLES. A REFERENCE DATA LIST FURNISHED IMAGERY AND MAP SOURCES. A NATIONAL BASIC REFERENCE GRAPHIC IS INCLUDED.*

DIA BIIR RDA11-0013-78 APR 79 [] SEC CLASS: 14B MSN: [] 0006P ACCN: S087154 25X1

CHELYABINSK STEEL + MACHINE TOOL PLANT ORDZ 2 UR 550849N 0612830E
WAC NO : 0164 BE/OBJ NO: [] NPIC NO : - 3-E
IDHS CODE: [] EPF CAT : 30C COMIREX NO: []

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THIS REPORT IS A DETAILED, IMAGERY-DERIVED, ANALYSIS OF CHELYABINSK STEEL AND MACHINE TOOL PLANT ORDZ, USSR. THE PLANT COVERS APPROXIMATELY 152 HECTARES AND INCLUDES THE FOLLOWING FUNCTIONAL AREAS: STORAGE/SUPPORT; VEHICLE STORAGE/MAINTENANCE; FABRICATION/ASSEMBLY; STEEL PROCESSING; ADMINISTRATION; BALLISTICS TESTING; SHIPPING/RECEIVING; HEATING; WATER TREATMENT AND POL STORAGE. THE INSTALLATION CONTAINS 412,211 SQUARE METERS OF ROOF COVER, INCLUDING EIGHT PRODUCTION-RELATED BUILDINGS WITH A TOTAL ROOF AREA OF 285,674 SQUARE METERS.

THE INFORMATION IS PRESENTED IN GRAPHIC, TEXTURAL AND TABULAR FORM. IT INCLUDES A MAP, TWO ANNOTATED PHOTOGRAPHS AND TABLES. A REFERENCE DATA LIST FURNISHES IMAGERY AND MAP SOURCES. A NATIONAL BASIC REFERENCE GRAPHIC (NBRG) IS INCLUDED.

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CIA IRP IS10057K-79 APR 79 SEC CLASS: 14E MSN: 0020P ACCN: S087156 25X1

SHIPS, ATTACK SUBMARINE CONSTRUCTION PROGRAMS UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS BASED ON PHOTOGRAPHY OF THE STATUS OF ATTACK SUBMARINE PRODUCTION IN THE USSR. THE DISCUSSION OF EACH CLASS OF ATTACK SUBMARINE STATES THE TOTAL NUMBER OF THAT CLASS OF SUBMARINES PRODUCED TO DATE; THE CURRENT YEARLY CONSTRUCTION RATE OF THAT CLASS; THE SHIPYARD(S) INVOLVED IN THE CONSTRUCTION OF THAT CLASS; AND AN ESTIMATE OF FUTURE CONSTRUCTION RATES.

SELECTED PHOTOGRAPHY FROM THE PERIOD BETWEEN MID-1967 AND 31 DECEMBER 1978 HAS BEEN USED IN THIS REPORT. ANALYSIS OF THIS PHOTOGRAPHY SHOWS THAT THE SOVIETS ARE CURRENTLY LAUNCHING FOUR OR FIVE SSNS AND THREE SSS PER YEAR. SSN PRODUCTION IS OCCURRING AT ALL OF THE FIVE SOVIET SHIPYARDS CURRENTLY ENGAGED IN SUBMARINE CONSTRUCTION--A-CLASS SSNS AT LENINGRAD SHIPYARD SUDOMEKH 196 AND SEVERODVINSK SHIPYARD 402, AND V-II-AND V-III-CLASS SSNS AT GORKIY SHIPYARD 112, LENINGRAD SHIPYARD ADMIRALTY 194, AND KOMSOMOLSK SHIPYARD AMUR 199. SSS ARE BEING PRODUCED AT TWO OF THE FIVE SUBMARINE CONSTRUCTION YARDS-- F-CLASS SSS AT SUDOMEKH SHIPYARD 196 AND T-CLASS SSS AT GORKIY SHIPYARD 112.

CIA IRP IS10066J-79 APR 79 SEC CLASS: 25B MSN: 0012P ACCN: S087157 25X1

MILITARY, COMMUNICATIONS RELAY BATTALIONS UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35 COMIREX NO:

A RECENT PHOTOGRAPHIC STUDY OF SOVIET ARMY AND ARMY CORPS SIGNAL REGIMENTS HAS REVEALED THE EXISTENCE OF ANOTHER TYPE OF SOVIET COMMUNICATIONS UNIT--THE COMMUNICATIONS RELAY BATTALION. ALTHOUGH USUALLY COLOCATED WITH ARMY AND ARMY CORPS SIGNAL REGIMENTS, THESE NEWLY IDENTIFIED BATTALIONS ARE NOT SUBORDINATE TO THE SIGNAL REGIMENTS BUT APPARENTLY ARE SUBORDINATE TO THE ARMY AND ARMY CORPS HEADQUARTERS. THEIR ORGANIZATION AND EQUIPMENT HOLDINGS INDICATE THAT THEY PROVIDE RELAY AND WIRE COMMUNICATIONS LINKS BETWEEN ARMY AND ARMY CORPS COMMAND POSTS AND THEIR SUBORDINATE ELEMENTS. BECAUSE MANY ARE COLOCATED WITH SIGNAL REGIMENTS, THE COMMUNICATIONS RELAY BATTALIONS HAVE ONLY RECENTLY BEEN IDENTIFIED AS SEPARATE UNITS. REANALYSIS OF PHOTOGRAPHY, HOWEVER, INDICATES THAT THEY HAVE BEEN IN EXISTENCE FOR OVER 10 YEARS.

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TO DATE, 10 CONFIRMED COMMUNICATIONS RELAY BATTALIONS HAVE BEEN IDENTIFIED--FOUR WITH FOUR ARMIES IN THE WESTERN USSR AND SIX WITH FOUR ARMIES AND TWO ARMY CORPS ALONG THE SINO-SOVIET BORDER. FIVE MORE UNITS WHICH MAY BE ARMY- OR ARMY-CORPS-ASSOCIATED COMMUNICATIONS RELAY BATTALIONS HAVE ALSO BEEN IDENTIFIED. BECAUSE OF THE APPARENT FUNCTION OF COMMUNICATIONS RELAY BATTALIONS, IT IS BELIEVED THAT ONE SUCH BATTALION MAY BE SUBORDINATE TO EACH SOVIET ARMY AND ARMY CORPS. MOST COMMUNICATIONS RELAY BATTALIONS HAVE BETWEEN 70 AND 100 VEHICLES ORGANIZED INTO A RADIO RELAY COMPANY, A TROPOSCATTER RELAY COMPANY, A WIRE COMMUNICATIONS COMPANY, A CABLE-LAYING COMPANY, A TRANSPORT COMPANY, AND HEADQUARTERS AND SERVICES. RECENTLY, THE R-133 TWIN EAR TROPOSCATTER RELAY STATION AND THE TWIN EAR-ASSOCIATED TA-EL-01 MAST TRUCK HAVE BEEN INTRODUCED INTO THESE BATTALIONS.

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NPIC SR SR028-79 MAY 79 SEC CLASS: 05B MSN: 0003P ACCN: S087203

VORONEZH ELECTRONICS TEST FACILITY SUSP IDENT UR 514532N 0391732E
WAC NO : 0234 BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25E COMIREX NO:

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ANALYSIS OF SATELLITE IMAGERY OF THE VORONEZH AREA HAS REVEALED THE LOCATION OF AN AR-EL-01 TEST SITE AT 51-45-32N 039-17-32E, APPROXIMATELY 6.5 NAUTICAL MILES (NM) NORTHEAST OF VORONEZH AND 290 NM SOUTHWEST OF MOSCOW. THE AR-EL-01 IS A CONTROL VAN FOR A MOBILE HIGH-FREQUENCY DIRECTION-FINDING SYSTEM AND IS PRODUCED AT THE VORONEZH MINING AND RADIO EQUIPMENT VEHICLE PLANT.
THE SECURED AR-EL-01 TEST SITE CONSISTS OF AN OPEN FIELD TEST AREA, APPROXIMATELY 1,074 BY 512 METERS, AND A TEST SUPPORT AREA WITH ONE SUPPORT BUILDING AND ONE STORAGE SHED. GROUND SCARRING INDICATES THAT AT LEAST FOUR TEST AREAS ARE USED.

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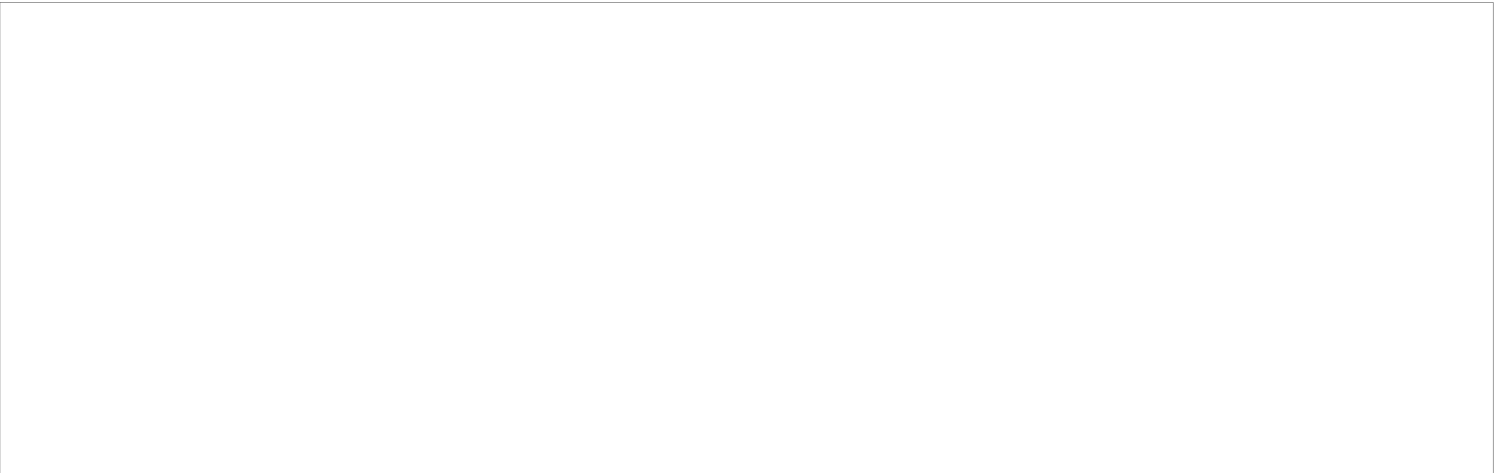
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NPIC PIR PIR023-79 MAY 79 SEC CLASS: 25B MSN: 0018P ACCN: S087212

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AIRCRAFT, AIRBORNE COMMAND RLTD NATL LEVEL	UR
WAC NO :	BE/OBJ NO: NPIC NO : -
IDHS CODE:	EPF CAT : 05D COMIREX NO:
AIRCRAFT, CLASSIC IL-62 COMSAT MODIFICATION	UR
WAC NO :	BE/OBJ NO: NPIC NO : -
IDHS CODE:	EPF CAT : 05D COMIREX NO:
AIRCRAFT, CRUSTY TU-134 COMSAT MODIFICATION	UR
WAC NO :	BE/OBJ NO: NPIC NO : -
IDHS CODE:	EPF CAT : 05D COMIREX NO:
AIRCRAFT, CRUSTY TU-134 VIP MODIFICATION	UR
WAC NO :	BE/OBJ NO: NPIC NO : -
IDHS CODE:	EPF CAT : 05D COMIREX NO:
AIRCRAFT, COOT IL-18 AIRBORNE COMD POST MODIF	UR
WAC NO :	BE/OBJ NO: NPIC NO : -
IDHS CODE:	EPF CAT : 05D COMIREX NO:
AIRCRAFT, COOT IL-18 COMMO RELAY MODIFICATION	UR
WAC NO :	BE/OBJ NO: NPIC NO : -

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IDHS CODE:	EPF CAT : 05D	COMIREX NO:
MOSKVA/SHCHELKOVO AIRFIELD VIP SUPPORT A/C	UR 555248N 0380347E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 51
IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []
MOSKVA/VNUKOVO AIRFIELD VIP SUPPORT AIRCRAFT	UR 553529N 0371543E	
WAC NO : 0167	BE/OBJ NO: []	NPIC NO : - 46-0
IDHS CODE: []	EPF CAT : 05A	COMIREX NO: []

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THROUGH ANALYSIS OF OVERHEAD AND HAND-HELD IMAGERY [] FIVE TYPES OF SOVIET AIRCRAFT RELATED TO NATIONAL-LEVEL VIP SUPPORT AND/OR AIRBORNE COMMAND HAVE BEEN IDENTIFIED. THESE AIRCRAFT HAVE BEEN TEMPORARILY DESIGNATED AS FOLLOWS: CLASSIC COMMUNICATIONS SATELLITE MODIFIED (COMSAT MOD), CRUSTY COMSAT MOD, CRUSTY VIP MOD, COOT AIRBORNE COMMAND POST MODIFIED (ACP MOD), AND COOT RELAY MOD. THIS REPORT PRESENTS KEY PHOTOGRAPHIC SIGNATURES AND OVERHEAD OR HAND-HELD IMAGERY OF EACH AIRCRAFT AND A BRIEF DISCUSSION AND IMAGERY OF MOSCOW/SHCHELKOVO AND MOSCOW/VNUKOVO AIRFIELDS, USSR WHERE ALL FIVE OF THESE TYPES OF AIRCRAFT HAVE BEEN OBSERVED. THROUGH SIGINT, MOSCOW/SHCHELKOVO HAS BEEN IDENTIFIED AS THE MAJOR AIRFIELD SUPPORTING SOVIET MILITARY AIRBORNE-COMMAND-RELATED ACTIVITY AND MOSCOW/VNUKOVO HAS BEEN IDENTIFIED AS THE MAJOR AIRFIELD SUPPORTING SOVIET POLITICAL VIP AIR TRANSPORT OPERATIONS.

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CIA BIIR RCS13-0005-79 APR 79 [REDACTED] SEC CLASS: 14E MSN: 0038P ACCN: S087215

25X1

INDUSTRY, ELECTRIC POWER PLANTS CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 30E COMIREX NO:

DURING THE THREE-YEAR PERIOD 1976-78, THE CHINESE EXPANDED THEIR ELECTRIC POWER GENERATING CAPACITY BY ALMOST ONE-THIRD. FORTY MAJOR NEW PLANTS WERE COMPLETED AND 51 EXISTING ONES WERE EXPANDED, FOR AN INCREASE OF ABOUT 9,500 MEGAWATTS (MW) OVER THE ESTIMATED GENERATING CAPACITY AT THE END OF 1975. MOST OF THE INCREASE WAS IN THERMAL POWER. THROUGHOUT THIS PERIOD THE CHINESE CONTINUED TO EMPHASIZE THE INSTALLATION OF LARGE-SIZE GENERATORS AT THERMAL POWER PLANTS -- MOSTLY 100-, 125-, AND 200-MW UNITS. IT APPEARS THAT THE CHINESE HAVE NOT PERFECTED THE OPERATION OF THEIR INDIGENOUSLY DESIGNED 300-MW TURBINE-GENERATOR UNIT, AND THEY HAVE PURCHASED TWO 300-MW TURBINE-GENERATORS FROM THE FRENCH. THE MAJORITY OF CHINA'S THERMAL PLANTS ARE FIRED WITH COAL, MOST OF THE REST USE OIL, AND ONLY TWO PLANTS -- IN SZECHWAN -- ARE GAS FIRED. A NUMBER OF THERMAL PLANTS CAN BURN EITHER COAL OR OIL.

A TOTAL OF 291 MAJOR THERMAL AND HYDROELECTRIC POWER PLANTS (24-MW OR MORE CAPACITY) HAVE BEEN IDENTIFIED IN CHINA. NO CAPACITY FIGURES ARE AVAILABLE FOR 12 OF THE HYDROELECTRIC PLANTS, BUT THE TOTAL GENERATING CAPACITY OF THE REMAINING 279 PLANTS IS ESTIMATED FROM PHOTOGRAPHY AND OTHER SOURCES TO BE 40,840 MW (30,070 MW THERMAL AND 10,770 MW HYDROELECTRIC). ANOTHER 3,000 MW REPORTEDLY ARE GENERATED BY ABOUT 80,000 SMALL HYDROELECTRIC POWER PLANTS. AN ADDITIONAL UNDETERMINED BUT RELATIVELY SMALL AMOUNT IS GENERATED BY NUMEROUS SMALL THERMAL POWER PLANTS.

BETWEEN JANUARY 1976 AND DECEMBER 1978, 23 NEW THERMAL POWER PLANTS WERE COMPLETED AND 43 EXISTING PLANTS WERE EXPANDED, INCREASING THE THERMAL ELECTRIC GENERATING CAPACITY BY ABOUT 7,445 MW. ANOTHER 2,050-MW INCREASE IN ELECTRIC GENERATING CAPACITY CAN BE ATTRIBUTED TO HYDROELECTRIC POWER PLANTS. SEVENTEEN NEW HYDROELECTRIC PLANTS WERE COMPLETED AND EIGHT EXISTING ONES WERE ENLARGED DURING THIS PERIOD.

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESH RUFF

25X1

AN ADDITIONAL 33 THERMAL AND 16 HYDROELECTRIC POWER PLANTS WERE BEING EXPANDED OR WERE STILL UNDER CONSTRUCTION AT THE END OF 1978. FOR THE NEAR FUTURE, THE CHINESE HAVE SAID THEY PLAN TO INCREASE THEIR GENERATING CAPACITY TO 100,000 MW DURING THE CURRENT TEN-YEAR PLAN. THIS WOULD MEAN MORE THAN DOUBLING PRESENT CAPACITY BY 1985 -- WHICH, BASED ON PROJECTS NOW UNDER WAY AND PAST PERFORMANCE, IS PROBABLY BEYOND CHINA'S CAPABILITY.

25X1

DIA BIIR RDA05-0018-78 APR 79 SEC CLASS: 14D MSN: 0020P ACCN: S087218

SUCHOU AIRFIELD WEST 2	CH 311544N 1202408E	
WAC NO : 0492	NPIC NO : - 42-C3	25X1
IDHS CODE: []	COMIREX NO: []	25X1
SUCHOU AIRFIELD WEST 2 SUPPORT FACILITY A U/G	CH 311627N 1202500E	
WAC NO : 0492	NPIC NO : -	25X1
IDHS CODE: []	COMIREX NO: []	25X1
SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A1 U/G	CH 311626N 1202442E	
WAC NO : 0492	NPIC NO : -	25X1
IDHS CODE: []	COMIREX NO: []	25X1
SUCHOU AIRFIELD WEST 2 SUPPORT FACIL A2 U/G	CH 311627N 1202517E	
WAC NO : 0492	NPIC NO : -	25X1
IDHS CODE: []	COMIREX NO: []	25X1

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF SU-CHOU WEST 2 AIRFIELD AND RELATED FACILITIES DURING THE PERIOD FEBRUARY 1972 TO MARCH 1978. THIS INSTALLATION, LOCATED IN NAN-CHING PROVINCE IN SOUTH-CENTRAL PEOPLE'S REPUBLIC OF CHINA, IS A JET-CAPABLE AIRFIELD. FEATURES DESCRIBED IN THIS REPORT INCLUDE A 2,204M X 49M CONCRETE RUNWAY, TAXIWAYS AND PARKING FACILITIES, AN UNDERGROUND AIRCRAFT STORAGE FACILITY, AN AMMUNITION STORAGE AREA, POL STORAGE WITH AN APPROXIMATE CAPACITY OF 3,135,035 LITERS, AIRCRAFT MAINTENANCE, ACCOMMODATIONS, AND SUPPORT FACILITIES.

THE INFORMATION IS PRESENTED IN GRAPHIC, TEXTUAL, AND TABULAR FORM. IT INCLUDES A MAP AND 13 ANNOTATED PHOTOGRAPHS. A REFERENCE DATA LIST FURNISHES IMAGERY AND MAP SOURCES. A NATIONAL BASIC REFERENCE GRAPHIC IS INCLUDED.

NPIC IIR IIR018-79 11 MAY 79 SEC CLASS: 14B MSN: 0003P ACCN: S087218

MOZYR MOBILE IRBM BASE/TRNG FAC SS-20 WHD CAN UR 520210N 0291108E

106
TOP SECRET CHESH RUFF

25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1

WAC NO : 0168
IDHS CODE: [REDACTED]

BE/OBJ NO: [REDACTED]
EPF CAT : 40B

NPIC NO : - 110-E1
COMIREX NO: [REDACTED]

25X1
25X25X1

[REDACTED], POSSIBLE SS-20 MIRV WARHEAD CANISTERS WERE IDENTIFIED [REDACTED]

25X1
25X1
25X1

25X1

107
TOP SECRET CHESS RUFF [REDACTED]

25X1

Page Denied

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR 527-79 03 APR 79 [] SEC CLASS: 13 MSN: 0009P ACCN: S087309 25X1

DNEPROPETROVSK MISSILE DPC TEST STAND 5 UR 482601N 0345828E
WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 7-C
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

PHOTO ANALYSIS OF TWO TEST BUILDINGS AT THE DNEPROPETROVSK MISSILE DEVELOPMENT AND PRODUCTION CENTER IS PROVIDED. INCLUDED IS A DESCRIPTION OF THE MODIFICATIONS TO TEST STAND 5 WHICH BEGAN IN SEPTEMBER 1974 AND A DESCRIPTION OF THE CONSTRUCTION OF THE NEW TEST BUILDING SOUTHWEST OF TEST STAND 5. REFERENCED ARE FTD REPORTS 687-69 AND 653-76, AND FTD DRAWINGS 69D6551 AND 79C4510.*

25X1

109
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF PAR 538-79 22 MAR 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S08731125X1

CHANGCHIANG SSM/SPACE TRACKING FACILITY CH 192139N 1090822E
WAC NO : 0618 BE/OBJ NO: [] NPIC NO : - 68 25X1
IDHS CODE: [] EPF CAT : 25C COMIREX NO: [] 25X1

THIS REPORT SUPERSEDES PARAGRAPH 3B(1) OF PAR 74-523 AND PARAGRAPHS 2A(1) OF PAR 75-571, PAR 76-696, AND PAR 78-549. INCLUDED IN ANALYSIS OF NEW TRACKING DEVICES, CHANGES IN TRACKING DEVICES, AND CHANGES IN TYPES AND AZIMUTHS OF COMMUNICATIONS ANTENNAS AT CHANG-CHIANG SSM/SPACE TRACKING FACILITY.*

AF PAR 540-79 29 MAR 79 [] SEC CLASS: 13 MSN: 0017P ACCN: S08731225X1

MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV UR 554547N 0375209E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 58-N 25X1
IDHS CODE: [] EPF CAT : 40E COMIREX NO: [] 25X1
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV UR 554547N 0375209E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 58-N 25X1
IDHS CODE: [] EPF CAT : 40H COMIREX NO: [] 25X1

A TABULATION SHOWING THE CHRONOLOGICAL DEVELOPMENT AND FUNCTIONAL ROLE OF MOSKVA GUIDED MISSILE AND SPACE RESEARCH CENTER REUTOV, ALONG WITH ANNOTATIONS FOR AN ASSOCIATED ISOMETRIC DRAWING OF THE PROPULSION TEST BUILDING ARE INCLUDED IN THIS REPORT. TEN YEARS OF IMAGERY WAS REVIEWED TO IDENTIFY ANY AEROSPACE ASSOCIATED HARDWARE AND SHIPPING CRATES/CANISTERS.

THIS REPORT SUPERCEDES PARAGRAPH 2D(4), PAR 77-567; PARAGRAPH 2D(4), PAR 77-733; PARAGRAPH 1B, PAR 78-709; PARAGRAPH 2D(5), PAR 79-518; AND PAR 77-574 IN ITS ENTIRETY. DRAWING 79C6517 SUPERCEDES 70C6569/2.*

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

25X1

AF PAR

551-79 05 APR 79

SEC CLASS: 13

MSN:

0005P

ACCN: S087317 25X1

MIASS MISSILE DEVELOPMENT + PROD FACIL PROB

UR 550640N 0600820E

WAC NO : 0164

BE/OBJ NO:

NPIC NO : - 70-A2

IDHS CODE:

EPF CAT : 40E

COMIREX NO:

25X1

25X25X1

THIS REPORT GIVES A FUNCTIONAL DESCRIPTION OF THE BUILDING AND CHRONOLOGICAL GROWTH OF THE MIASS

111

TOP SECRET CHESS RUFF

25X1



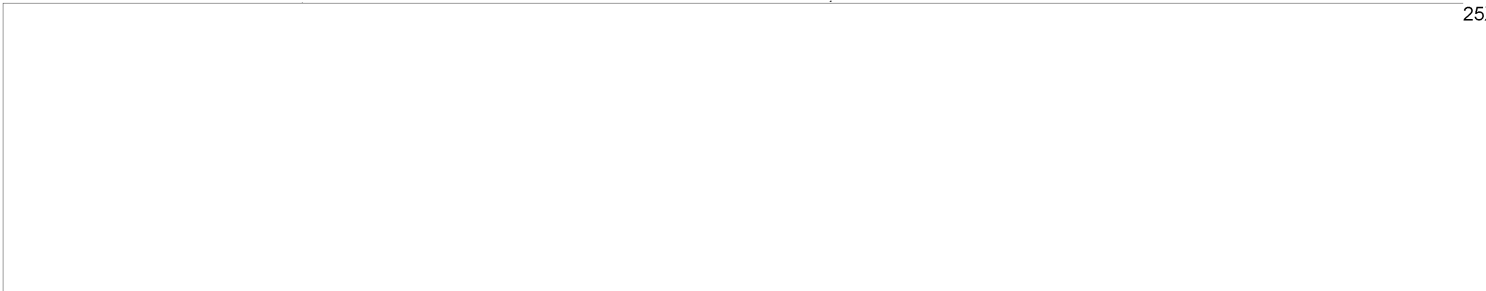
TOP SECRET CHESS RUFF




25X1
25X1

PROBABLE MISSILE DEVELOPMENT AND PRODUCTION FACILITY. ALL APPLICABLE KEYHOLE IMAGERY DATED FROM FEB 77-MAR 79 WAS USED FOR THIS REPORT.


THIS REPORT SUPPLEMENTS PAR 77-548 AND SUPERCEDES PARAGRAPH 2D (12); PAR 77-567; PARAGRAH 2D (12); PAR 77-733; AND PARGRAPH 2D (13); PAR 79-518.*



25X1

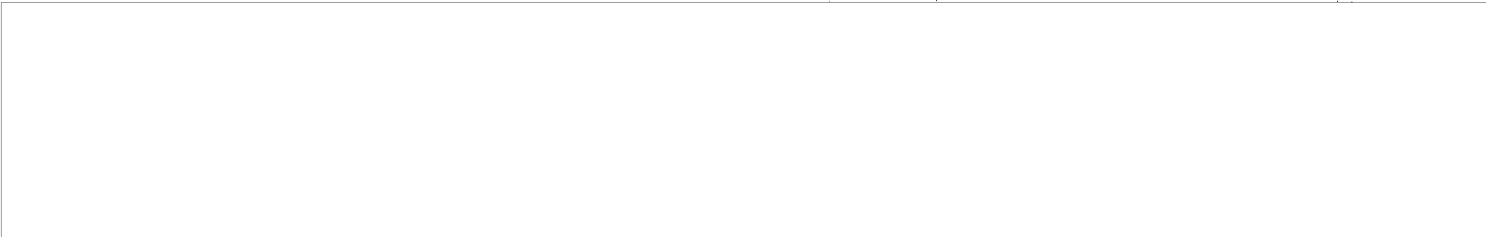
AF PAR 553-79 28 MAR 79  SEC CLASS: 13 MSN: 0010P ACCN: 5087319

25X1

KAMCHATKA MISSILE IMPACT AREAS CRATERS UR 5712 N 16133 E
WAC NO : 0132 BE/OBJ NO: NPIC NO : -
IDHS CODE:  EPF CAT : 40 COMIREX NO:

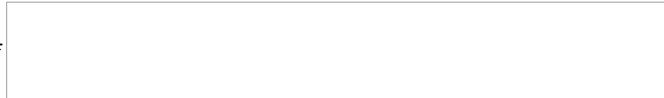
25X1

THIS REPORT PROVIDES A PHOTO ANALYSIS OF MISSILE IMPACT CRATERS ON THE KAMCHATKA PENINSULA. THE GEOGRAPHIC COORDINATES, CRATER VALIDITY, DIMENSIONS, DESCRIPTIVE CHARACTERISTICS, AND TIME OF OCCURRENCE AS ESTABLISHED BY AVAILABLE COVERAGE FOR EACH NEWLY OBSERVED CRATER ARE GIVEN IN TABULAR FORM. THE LOCATION OF TOWERS/MASTS AND BUILDINGS OBSERVED IN THE IMPACT AREAS IS ALSO PROVIDED.*



25X1

112
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1
25X1

AF PAR 555-79 27 MAR 79 [] SEC CLASS: 13 MSN: 0002P ACCN: S087321

25X1

TYURATAM MTC RANGEHEAD TRACKING FAC BOW/ARROW	UR	454230N 0632020E
WAC NO : 0246	BE/OBJ NO:	NPIC NO : - 20-B1
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
TYURATAM TRACKING FACILITY 5 BOW + ARROW	UR	515333N 0672113E
WAC NO : 0237	BE/OBJ NO:	NPIC NO : - 18
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
VORKUTA ESV TRACKING FACILITY BOW + ARROW	UR	673330N 0640941E
WAC NO : 0094	BE/OBJ NO:	NPIC NO : - 4-K3
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []

25X1
25X1

25X1
25X1

25X1
25X1

THIS REPORT GIVES THE LENGTHS AND AZIMUTHS OF THE EXTENDED BASELINES AT THE BOW AND ARROW OF VORKUTA
ESV TRACKING FACILITY, TYURATAM RANGEHEAD TRACKING FACILITY 5, AND TYURATAM TRACKING FACILITY 5. ALL
PERTINENT KEYHOLE IMAGERY WAS USED FOR THIS REPORT.*

25X1

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

AF PAR 562-79 06 APR 79 [Redacted] SEC CLASS: 13 MSN: 0005P ACCN: S087326 25X1

AKHTUBINSK/VLADIMIROVKA AFLD A/C RADOME ANAL UR 481838N 0461424E
WAC NO : 0235 BE/OBJ NO: [Redacted] NPIC NO : - 18-B1
IDHS CODE: [Redacted] EPF CAT : 25H COMIREX NO: [Redacted]

25X1

25X1

IMAGERY OF AKHTUBINSK/VLADIMIROVKA AIRFIELD WAS EXAMINED FOR LOOK-DOWN, SHOOT-DOWN MODIFICATIONS TO AIRCRAFT PRESENT DURING 1977 AND 1978.*

[Redacted]

25X1

AF PAR 569-79 11 APR 79 [Redacted] SEC CLASS: 13 MSN: 0002P ACCN: S087328 25X1

CHIENSHUI SSM RIM FACILITY ANTENNAS CH 233950N 1025630E
WAC NO : 0616 BE/OBJ NO: [Redacted] NPIC NO : - 517-B

25X1

TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1

IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []
CHIENSHUI SSM COMPLEX SITE 9 ANTENNA	CH 235517N 1023458E	
WAC NO : 0616	BE/OBJ NO: []	NPIC NO : - 432-F
IDHS CODE: []	EPF CAT : 25C	COMIREX NO: []

25X1

25X1

25X1

NEW ELECTRONICS FACILITIES WERE IDENTIFIED AT TWO SITES WITHIN CHIEN-SHUI SSM COMPLEX. PAR 7A-719 IS REFERENCED.*

25X1

AF ENDR D6546-8-71 16 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S087331 25X1

IVANKOVSKIY GUIDED MISSILE PLANT		UR 564521N 0370700E
WAC NO : 0154	BE/OBJ NO: []	NPIC NO : - 18-A
IDHS CODE: []	EPF CAT : 40E	COMIREX NO: []

25X1

25X1

THIS DRAWING SUPERSEDES DRAWING 67C6552 AND SUPPLEMENTS PARS 77-510 AND 79-570.*

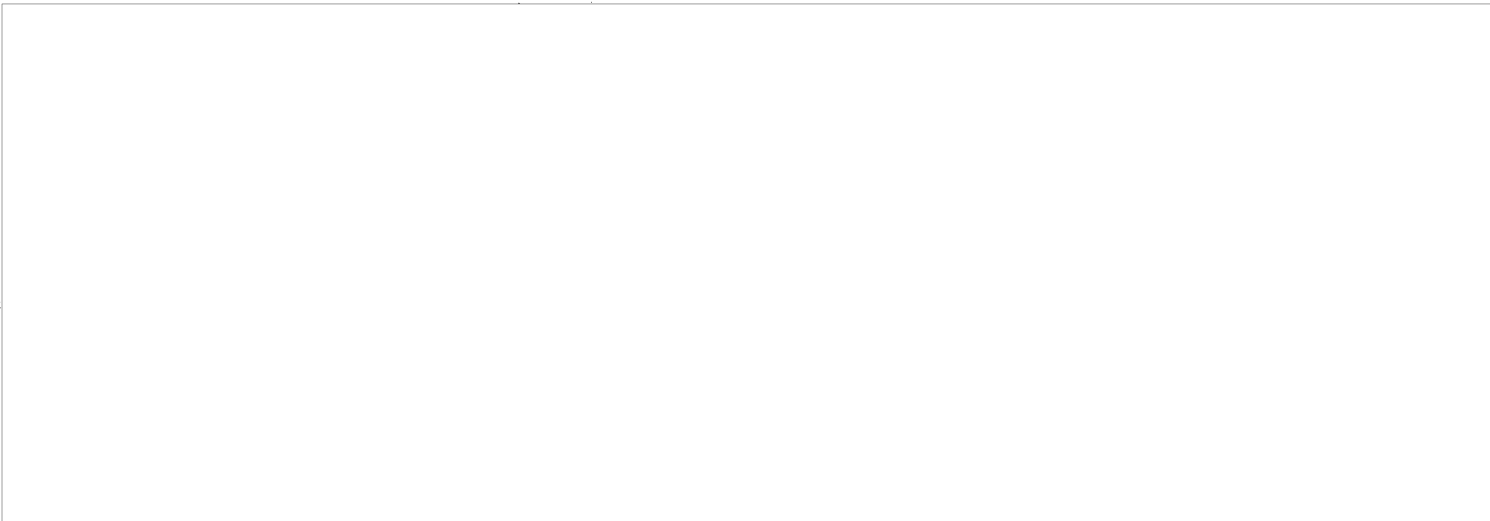
25X1

115
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1



25X1

AF ENDR C3501-7-70 04 APR 79 [REDACTED] SEC CLASS: 13 MSN: 0001P ACCN: S08733725X1

MOSKVA GUIDED MISSILE R+D/PROD PLT TEST STAND UR 555444N 0372701E
WAC NO : 0167 BE/OBJ NO: [REDACTED] NPIC NO : - 48-B1
IDHS CODE: [REDACTED] EPF CAT : 40E COMIREX NO: [REDACTED]

25X1

25X1

THIS REPORT SUPPLEMENTS PARS 77-602, 78-640, AND 79-566 AND SUPERSEDES DRAWING 67B4503.*

AF ENDR C6583-4-70 27 APR 79 [REDACTED] SEC CLASS: 13 MSN: 0001P ACCN: S08733825X1

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

25X1

25X25X1

THIS DRAWING SUPPLEMENTS PARS 77-572 AND 79-575.*



25X1

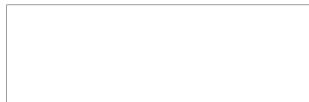
116
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF

25X1



25X1

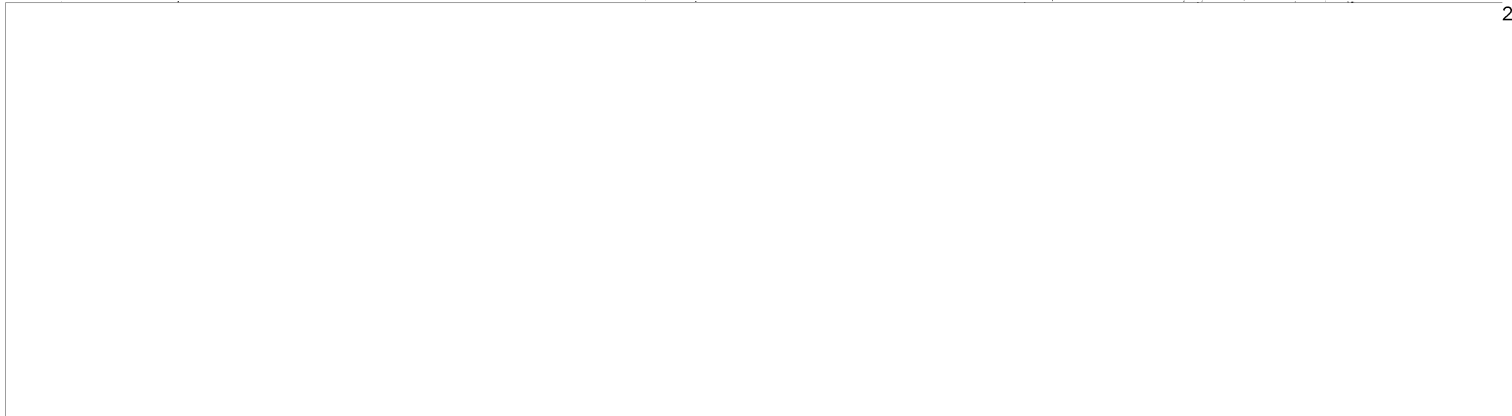
AF ENDR C6515-1-77 20 APR 79 SEC CLASS: 13 MSN: 0001P ACCN: 5087341 25X1

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

25X1
25X1

THIS DRAWING REFERENCES PAR 79-573.*

25X1



117
TOP SECRET CHESS RUFF

25X1



TOP SECRET CHESS RUFF

25X1

AF ENDR C4510-79 22 FEB 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S0873425X1

DNEPROPETROVSK MISSILE DPC TEST STAND 5 UR 482601N 0345828E
WAC NO : 0234 BE/OBJ NO: [] NPIC NO : - 7-C
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THIS DRAWING REFERENCES PARS 79-527 AND 69-687.*

AF ENDR C1507-79 23 MAR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S0873425X1

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

AF ENDR C6604-2-69 16 MAR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S0873425X1

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

25X1
25X1
25X1
25X1

THIS DRAWING SUPERSEDES A PORTION OF DRAWING C6524-65 AND PAR 79-537.*

118
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF ENDR E4517-79 05 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S087349 25X1

KAPUSTIN YAR MTC SS-20 DEPLOYMENT PATTERNS UR 484107N 0455853E
WAC NO : 0235 BE/OBJ NO: [] NPIC NO : - 10
IDHS CODE: [] EPF CAT : 40B COMIREX NO: []

25X1
25X1

THIS DRAWING SUPPLEMENTS PAR 79-554 AND DRAWINGS 79E4515 AND 79E4516.*

25X1

AF ENDR C6517-79 09 MAR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S087352 25X1

MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV UR 554547N 0375209E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 58-N
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []
MOSKVA GUIDED MISSILE + SPACE RSCH CTR REUTOV UR 554547N 0375209E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 58-N
IDHS CODE: [] EPF CAT : 40H COMIREX NO: []

25X1
25X1
25X1
25X1

THIS DRAWING SUPERSEDES DRAWING 70C6569/2 AND SUPPLEMENTS PAR 79-540.*

AF ENDR C6538-1-78 30 MAR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S087353 25X1

MOSKVA AIRCRAFT COMPONENTS PLANT 25 UR 554722N 0374250E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 05G COMIREX NO: []

25X1
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

THIS DRAWING SUPPLEMENTS PARS 78-672 AND 79-561.*

AF ENDR D6507-1-77 23 MAR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S0873525X1

MIASS MISSILE DEVELOPMENT + PROD FACIL PROB UR 550640N 0600820E
WAC NO : 0164 BE/OBJ NO: [] NPIC NO : - 70-A2
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1
25X1

THIS REPORT UPDATES PAR'S 77-548 AND 79-551. ALL PERTINENT IMAGERY DATED FROM APRIL 67 TO MARCH 79 WAS USED FOR THIS REPORT.*

25X1

AF ENDR C4519-2-69 18 APR 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: S0873525X1

TYURATAM MTC SPACE COMPLEX J SPACECRAFT UR 455751N 0631825E
WAC NO : 0246 BE/OBJ NO: [] NPIC NO : - 6-P
IDHS CODE: [] EPF CAT : 40H COMIREX NO: []

25X1
25X1

THIS DRAWING GIVES AN ANALYSIS OF THE SPACECRAFT 8 PROPULSION STAGE, AT THE TYURATAM MTC SPACE COMPLEX J. IMAGERY USED WAS FROM []

25X1

AF ENDR B4533-1-72 18 APR 79 [] SEC CLASS: 13 MSN: 0001P ACCN: S087359 25X1

SPACE, SL-X UPPER STAGE + PAYLOAD UR

25X1

120
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

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

THIS DRAWING SUPPLEMENTS DRAWING 69C4519/2 AND PARS 70-524 AND 72-805.*

AF ENDR C6521-79 26 MAR 79 [] SEC CLASS: 13 MSN [] 0001P

ACCN: S087360 25X1

HALAKASSUTE SSM/SPACE TRACKING FACILITY CH 404521N 0871327E
WAC NO : 0330 BE/OBJ NO: [] NPIC NO : - 37
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X25X1

THIS DRAWING SUPPLEMENTS PAR 79-550.*

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

NPIC BIIR RCA09-0013-79 MAY 79 [Redacted] SEC CLASS: 25 X MSN: 0007P ACCN: S087371-25X1

DMITROV MISSILE PROPULSION R+D FACILITY UR 562539N 0372846E
WAC NO : 0154 BE/OBJ NO: [Redacted] NPIC NO : - 98-N1
IDHS CODE: [Redacted] EPF CAT : 40E COMIREX NO: [Redacted]

25X1
25X1
25X1

THIS REPORT DESCRIBES DEVELOPMENTS OBSERVED AT DMITROV MISSILE PROPULSION RESEARCH AND DEVELOPMENT FACILITY, USSR, [Redacted] THE INFORMATION CUTOFF DATE. SIGNIFICANT EXPANSION OF THE FACILITY INDICATES THAT MISSILE PROPULSION SYSTEM DESIGN, DEVELOPMENT, AND TESTING IS NOT ONLY CONTINUING BUT THAT ADDITIONAL WORK ON NEW OR MODIFIED MISSILE SYSTEMS/SUBSYSTEMS IS PLANNED. THE IDENTIFICATION OF SA-5 MISSILE CANISTERS, MISSILE SUPPORT EQUIPMENT, AND ASSOCIATED ELECTRONICS VANS AT THE FACILITY DURING THIS REPORTING PERIOD INDICATES THAT THE DMITROV FACILITY IS INVOLVED IN MAKING IMPROVEMENTS TO SURFACE-TO-AIR MISSILE SYSTEMS. THIS REPORT UPDATES NPIC REPORT [Redacted] INCLUDED IN THIS REPORT ARE A LOCATION MAP, THREE ANNOTATED PHOTOGRAPHS, AND THREE TABLES OF MENSURAL AND CHRONOLOGICAL DATA.

25X1

25X1

25X1

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1

1978.

ARMY PIM PIM057-78 02 MAR 79 [] SEC CLASS: 14E MSN: [] 0004P

ACCN: S087378 25X1

NANCHING RADIO RELAY STATION BUNKERED CH 315212N 1184630E
WAC NO : 0493 BE/OBJ NO: [] NPIC NO : - 32-B
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1

THIS PHOTO INTERPRETATION MEMORANDUM (PIM) CONTAINS A PHYSICAL DESCRIPTION AND ANNOTATED PHOTOGRAPH OF SHANG-CHI-CHIEH RADREL STA/BNK, PEOPLE'S REPUBLIC OF CHINA. THIS REPORT PROVIDES A PHYSICAL DESCRIPTION OF THE CONTROL AND SUPPORT AREAS TO INCLUDE THE NUMBER AND TYPE OF BUILDINGS, NUMBER, SIZE AND ORIENTATION IN DEGREES OF THE ANTENNA OPENINGS, SIZE OF THE DISH ANTENNAS, ELEVATION OF THE FACILITY, AND THE GEOGRAPHIC LOCATION. THIS FACILITY IS ALSO KNOWN AS THE NAN-CHING RADIO RELAY STATION BUNKERED.*

ARMY PIM PIM056-78 26 JAN 79 [] SEC CLASS: 14E MSN: [] 0004P

ACCN: S087379 25X1

SHIHTSUN RADIO RELAY STATION NORTH BUNKERED CH 352317N 1101013E
WAC NO : 0385 BE/OBJ NO: [] NPIC NO : - 186
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X25X1

THIS PHOTO INTERPRETATION MEMORANDUM CONTAINS A PHYSICAL DESCRIPTION AND ANNOTATED PHOTOGRAPH OF SHIH-TSUN RADREL STA N/BNK, PEOPLE'S REPUBLIC OF CHINA. THIS REPORT PROVIDES A PHYSICAL DESCRIPTION OF THE CONTROL AREA AND SUPPORT AREA TO INCLUDE NUMBER AND TYPE OF BUILDINGS, NUMBER, SIZE AND ORIENTATION IN DEGREES OF THE ANTENNA OPENINGS, ELEVATION OF THE FACILITY, AND THE GEOGRAPHIC LOCATION.

25X1

25X1

TOP SECRET CHESS RUFF

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THIS REPORT PRESENTS AN ANALYSIS OF THE LARGE AND SMALL VERTICAL COMMUNICATIONS ARRAYS OBSERVED AT THE PALATKI UNIDENTIFIED COMMAND AND CONTROL TRANSMITTER FACILITY/BUNKERED/HARD. IT INCLUDES A BASIC DESCRIPTION, ENGINEERING DRAWINGS AND SELECTED PHOTOGRAPHY.

THE TWO VERTICAL ARRAYS ARE LOCATED IN THE CENTER OF THE ANTENNA FIELDS WITH THE SMALL ARRAY 1100 METERS NORTH OF THE LARGE ARRAY. EACH ARRAY CONSISTS OF FOUR TOWERS ARRANGED IN A SQUARE PATTERN WITH TEN PAIRS OF STACKED HORIZONTAL ARMS ON EACH TOWER. EACH ARRAY IS SURROUNDED BY NUMEROUS POSSIBLE ACTIVE ELEMENT ANCHOR POINTS AND EIGHT POSSIBLE CALIBRATION PLATFORMS.

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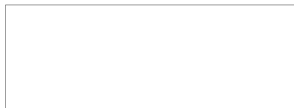
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ARMY PIM PIM014-79 16 APR 79 [REDACTED] SEC CLASS: 14B MSN: 0005P ACCN: S08739225X1

MILITARY, SELF-PROPELLED GUN WHEELED NEW CZ
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS PHOTO INTERPRETATION MEMORANDUM (PIM) CONTAINS INFORMATION ON THE NEW CZECHOSLOVAKIAN WHEELED SP GUN. INCLUDED IN THIS REPORT IS A BASIC DESCRIPTION, AN ANNOTATED PHOTOGRAPH AND CONCEPTUAL DRAWING WITH MENSURATION. THIS INFORMATION IS CURRENT [REDACTED]

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ARMY DSIIR RAC24-8001-79 DEC 78 SEC CLASS: 08B MSN: 0013P ACCN: S087393

MILITARY, M-1977 140MM MULTIPLE ROCKET LCHR CH
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 35E COMIREX NO:

THE PURPOSE OF THIS DIRECT SUPPORT IMAGERY INTERPRETATION REPORT IS TO PROVIDE CURRENT INFORMATION ON THE 140MM MULTIPLE ROCKET LAUNCHER (MRL) M-1977 PRODUCED BY THE PEOPLE'S REPUBLIC OF CHINA (PRC). THE REPORT CONTAINS A BASIC DESCRIPTION AND THE IDENTIFICATION FEATURES OF THE PRC MRL M-1977 AND A BASIC DESCRIPTION OF THE PRC PRODUCED NJ-130 AND NJ-230 TRUCKS KNOWN TO MOUNT THE MRL. ALSO INCLUDED IS A COMPARISON OF THE PRC MRL M-1977 WITH THE SOVIET BM-14/17. THE INFORMATION IS CURRENT AS OF MAY 1978.

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CIA INFR IS10064J-79 24 APR 79 SEC CLASS: 24 MSN: 0013P ACCN: 5087421 25X1

SHUANGCHENG TZU MTC TEST SITE	B1/2 RAILCARS	CH	411828N 1001854E
WAC NO :	0287	BE/OBJ NO:	NPIC NO : - 1-N
IDHS CODE:		EPF CAT :	40E
SHUANGCHENG TZU MTC TEST SITE	B1/2 RAILCARS	CH	411828N 1001854E
WAC NO :	0287	BE/OBJ NO:	NPIC NO : - 1-N
IDHS CODE:		EPF CAT :	85B
SHUANGCHENG TZU MTC SSM/SAM ASBLY/CHECKOUT FAC		CH	410613N 1001647E
WAC NO :	0287	BE/OBJ NO:	NPIC NO : - 1-Q
IDHS CODE:		EPF CAT :	40C
MISSILES, CSS-X-4/CSL-2 LAUNCH INDICATORS		CH	
WAC NO :		BE/OBJ NO:	NPIC NO : -
IDHS CODE:		EPF CAT :	40H
MISSILES, CSS-X-4/CSL-2 LAUNCH INDICATORS		CH	
WAC NO :		BE/OBJ NO:	NPIC NO : -
IDHS CODE:		EPF CAT :	40A
		COMIREX NO:	

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OIA HAS STUDIED THE MISSILE-RELATED RAILCARS THAT HAVE BEEN PRESENT AT SHUANGCHENGZI (SHUANG-CHENG-TZU) MISSILE TEST CENTER SINCE 1970 TO DETERMINE IF THEIR PRESENCE IS AN INDICATION OF AN IMPENDING MISSILE LAUNCH. ALTHOUGH THEY HAVE BEEN SEEN AT FOUR FACILITIES WITHIN THE COMPLEX, ONLY THOSE OBSERVED AT THE SSM ASSEMBLY AND CHECKOUT FACILITY AND AT LAUNCH COMPLEX B CORRELATE WITH LAUNCH ACTIVITY.

THE APPEARANCE OF MISSILE RAILCARS AT THE SSM ASSEMBLY AND CHECKOUT FACILITY IS THE INITIAL INDICATOR OF IMPENDING LAUNCH ACTIVITY AT SHUANGCHENGZI. RAILCARS ASSOCIATED WITH THE CSS-1 MEDIUM RANGE BALLISTIC MISSILE (MRBM) APPEARS TWO TO THREE WEEKS BEFORE THE LAUNCH OCCURS. RAILCARS ASSOCIATED WITH THE CSS-X-4 INTERCONTINENTAL BALLISTIC MISSILE (ICBM) AND WITH THE SATELLITE LAUNCH VARIANT OF THE CSS-X-4 APPEARS SIX TO EIGHT WEEKS AND FIVE TO SIX WEEKS RESPECTIVELY PRIOR TO LAUNCH.

INITIALLY, PASSENGER RAILCARS APPEARED AT LAUNCH COMPLEX B PRIOR TO THE LAUNCH OF EITHER THE CSS-X-4 OR CSL-2. CURRENTLY HOWEVER, IT APPEARS THAT THESE CARS ARE SENT TO COMPLEX B ONLY FOR CSL-2 LAUNCHES AND ARRIVE ABOUT A WEEK TO TEN DAYS BEFORE THE LAUNCH.

CIA INFR IS10071J-79 19 APR 79 SEC CLASS: 24 MSN: 0016P ACCN: 5087422 25X1

MILITARY, GROUND FORCE ACTIVITY LANCHOU MR	CH	
WAC NO :	BE/OBJ NO:	NPIC NO : -

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IDHS CODE: EPF CAT : 35 COMIREX NO:

THIS PAPER DISCUSSES THE IMPROVEMENTS TO THE GROUND FORCES IN THE LANCHOU MILITARY REGION FROM EARLY 1973 TO JANUARY 1979. EACH OF THE MAJOR GROUND FORCE UNITS WAS EXAMINED ON SATELLITE IMAGERY ACQUIRED SINCE THE EARLY 1970'S TO DETERMINE THE EXTENT OF THE IMPROVEMENTS. INCLUDED IS A DISCUSSION OF THE ORGANIZATION AND LOCATION OF UNITS FOR EACH ARMY AND INDEPENDENT DIVISION OR REGIMENT. IMPROVEMENTS ARE DISCUSSED BY TYPE OF UNIT--ARMOR, INFANTRY, FIELD ARTILLERY, AAA, AND RIVER CROSSING. A SEPARATE SECTION DESCRIBES THE IMPROVEMENTS TO THE GARRISON DIVISION AT SHUANGCHENGZI (SHUANG-CHENG-TZU).

THE TABLE AT THE END OF THIS REPORT LISTS THE NUMBER OF THE MAJOR PIECES OF GROUND FORCE EQUIPMENT ASSIGNED TO EACH OF THE MAIN-FORCE AND MAJOR LOCAL-FORCE UNITS IN THE REGION. IT ALSO SHOWS THE STANDARD TABLE OF ORGANIZATION AND EQUIPMENT (TO+E) FOR EACH TYPE OF UNIT, THE EQUIPMENT HOLDINGS THAT DIA ASSESSED FOR EACH UNIT, AND THE HIGH COUNT OF EQUIPMENT ACTUALLY OBSERVED AT EACH UNIT. THE HIGH COUNTS REPRESENT ABOUT 90 PERCENT OF THE ASSESSED STRENGTH OF THE GROUND FORCE UNITS, AND IN MOST CASES WERE EQUAL TO THE UNIT'S TO+E. WHEN LESS THAN TWO-THIRDS OF A UNIT'S STANDARD COMPLEMENT OF EQUIPMENT WAS SEEN, THE PRESENCE OF COVERED VEHICLE/EQUIPMENT STORAGE WAS CONSIDERED IN ESTIMATING THE ASSESSED STRENGTH OF THE UNIT. FOR EXAMPLE, IF THE UNIT HAD COVERED VEHICLE STORAGE FOR A FULL STRENGTH COMPLEMENT OF 18 PIECES OF EQUIPMENT, AND 11 WERE OBSERVED PARKED IN THE OPEN, THE UNIT WAS ASSESSED AT FULL STRENGTH. SIGNIFICANTLY OVERSTRENGTH UNITS ARE DISCUSSED IN THE BODY OF THIS PAPER. IF NO EQUIPMENT WAS SEEN AT A CHINESE GROUND FORCE FACILITY, NONE WAS ASSESSED, REGARDLESS OF THE PRESENCE OF COVERED STORAGE.

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CIA INFR IS10083K-79 10 MAY 79 [] SEC CLASS: 13 MSN: 0007P ACCN: 5087424 25X1

KAZAN AIRFRAME PLANT GORBUNOV BACKFIRE MODIF UR 555140N 0490700E
WAC NO : 0165 BE/OBJ NO: NPIC NO : - 14-6
IDHS CODE: EPF CAT : 05G COMIREX NO:
RAMENSKOYE FLIGHT TEST CENTER BACKFIRE MODIF UR 553418N 0380923E
WAC NO : 0167 BE/OBJ NO: NPIC NO : - 50

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IDHS CODE: [] EPF CAT : 05G COMIREX NO: []
 AIRCRAFT, BACKFIRE ENGINE INLETS MODIFIED UR
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 05D COMIREX NO:

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THIS REPORT GIVES A HISTORY OF THE BACKFIRE BOMBER WITH MODIFIED ENGINE INLETS. FOUR BACKFIRE BOMBERS WITH ENGINE INLETS HAVE BEEN PRODUCED AT KAZAN AIRFRAME PLANT 22 SINCE FALL OF 1978 INDICATING THAT A SIZABLE TEST PROGRAM IS UNDERWAY. ONE OTHER BACKFIRE WITH THE MODIFIED INLETS WAS PROBABLY MODIFIED AT RAMENSKOYE FLIGHT TEST CENTER. THE INITIAL PHOTOGRAPHIC EVIDENCE OF THIS INLET MODIFICATION PROGRAM CAN BE TRACED BACK [] WHEN THE MODIFIED BACKFIRE WAS OBSERVED AT RAMENSKOYE. THERE IS ALSO MORE RECENT PHOTOGRAPHIC EVIDENCE THAT THE SOVIETS ARE EXPERIENCING DIFFICULTIES WITH THESE MODIFIED AIRCRAFT.

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CIA INFR IS10086K-79 24 MAY 79 [] SEC CLASS: 13 MSN: 0009P ACCN: S087425 25X1

SEMIPALATINSK GRAIN PROCESSING YARD ABANDONED UR 503735N 0775104E
 WAC NO : 0238 BE/OBJ NO: [] NPIC NO : - 33-5
 IDHS CODE: [] EPF CAT : 10D COMIREX NO: []

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A NOW ABANDONED GRAIN PROCESSING YARD [] WAS RECENTLY REPORTED TO HAVE BEEN A TEST LOCATION FOR EXPERIMENTAL STUDIES INVOLVING UNDERWATER EXPLOSIONS. EARLIER, THE SAME FACILITY HAD BEEN TENTATIVELY IDENTIFIED AS A SUSPECT ELECTROMAGNETIC PULSE (EMP) SIMULATION FACILITY.

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AFTER A THOROUGH REVIEW OF THE IMAGERY OF THIS INSTALLATION, OIA HAS CONCLUDED THAT ITS SOLE FUNCTION SINCE ITS CONSTRUCTION HAS BEEN RELATED TO AGRICULTURE. UNTIL 1971 THE INSTALLATION SERVED AS A GRAIN PROCESSING YARD WHERE GRAIN WAS TEMPORARILY STORED, DRIED, CLEANED AND LOADED ONTO TRUCKS FOR TRANSPORT. SINCE THEN, IT HAS PERIODICALLY SERVED AS A STAGING POINT FOR AGRICULTURAL MACHINERY USED AT PLANTING AND HARVEST TIME IN THE ADJACENT CULTIVATED FIELDS.

CIA INFR IS10081K-79 11 MAY 79 [] SEC CLASS: 13 MSN: 0005P ACCN: S087426 25X1

TINDOUF MILITARY ACTIVITY AG 2742 N 00808 W
 WAC NO : 0537 BE/OBJ NO: [] NPIC NO : - 1-B
 IDHS CODE: [] EPF CAT : 35 COMIREX NO: []
 TINDOUF SPANISH SAHARAN REFUGEE CAMPS AG 2742 N 00808 W
 WAC NO : 0537 BE/OBJ NO: [] NPIC NO : -
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []
 AQUINET BEL EGRA SAHARAN REFUGEE CAMPS AG 2650 N 00651 W
 WAC NO : 0537 BE/OBJ NO: [] NPIC NO : -
 IDHS CODE: [] EPF CAT : 10A COMIREX NO: []

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IN EARLY 1979 ALGERIAN GROUND FORCE UNITS IN THE TINDOUF AREA OF WESTERN ALGERIA CONSISTED OF TWO MOTORIZED INFANTRY BRIGADES, AN ARMORED BRIGADE, AND ONE POSSIBLE INDEPENDENT INFANTRY BATTALION. THERE HAS BEEN NO CHANGE IN THIS STRUCTURE SINCE LATE 1977. TWELVE MIG-21S AND TWO MI-8 HELICOPTERS WERE AT

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TINDOUF AIRFIELD. THIS COUNT HAS REMAINED UNCHANGED FOR THE PAST NINE MONTHS. HOWEVER, THE REFUGEE CAMPS HAVE UNDERGONE CONSIDERABLE REORGANIZATION AND HAVE INCREASED IN SIZE BY APPROXIMATELY 1,800 TENTS SINCE JUNE 1978.

CIA INFR IS10078K-79 08 MAY 79 [] SEC CLASS: 13 MSN: 0005P ACCN: S087427 25X1

MILITARY, INFANTRY BRIGADES DEPLOYED IDENT	YS	
WAC NO : []	BE/OBJ NO: []	NPIC NO : -
IDHS CODE: []	EPF CAT : 35	COMIREX NO:
THUF INFANTRY BRIGADE HEADQUARTERS	YS 172500N 0510500E	
WAC NO : 0669	BE/OBJ NO: []	NPIC NO : - 14
IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []
THAMUD MECHANIZED INFANTRY BATTALION	YS 1712 N 04959 E	
WAC NO : 0669	BE/OBJ NO: []	NPIC NO : -
IDHS CODE: []	EPF CAT : 35	COMIREX NO:
JABAL SHABUT MECHANIZED INFANTRY BATTALION	YS 1700 N 05150 E	
WAC NO : 0669	BE/OBJ NO: []	NPIC NO : - 7
IDHS CODE: []	EPF CAT : 35	COMIREX NO:
AL GHAYDAH MILITARY CAMP INFANTRY BN HQ	YS 161150N 0521120E	
WAC NO : 0669	BE/OBJ NO: []	NPIC NO : - 4-A
IDHS CODE: []	EPF CAT : 35A	COMIREX NO:
HAWF ARTILLERY BATTERIES	YS 1638 N 05301 E	
WAC NO : 0669	BE/OBJ NO: []	NPIC NO : -
IDHS CODE: []	EPF CAT : 35D	COMIREX NO:

OIA HAS IDENTIFIED THE HEADQUARTERS AND MAJOR ELEMENTS OF TWO SOUTH YEMENI INFANTRY BRIGADES IN THE EASTERN REGION (SIXTH GOVERNORATE) OF THE PEOPLE'S DEMOCRATIC REPUBLIC OF YEMEN (PDRY). ONE INFANTRY BRIGADE HEADQUARTERS AND A SUBORDINATE MECHANIZED INFANTRY BATTALION WERE IDENTIFIED IN THE AREA SOUTH OF THUF (17-25N 51-05E). A MECHANIZED INFANTRY BATTALION SUBORDINATE TO THIS BRIGADE HEADQUARTERS IS AT THAMUD (17-12N 49-59E) AND ANOTHER IS AT JABAL SHABUT(17-00N 51-50E). A SECOND INFANTRY BRIGADE HEADQUARTERS AND THREE SUBORDINATE INFANTRY BATTALIONS WERE BRIGADE HEADQUARTERS AND THREE SUBORDINATE INFANTRY BATTALIONS WERE IDENTIFIED AT AL GHAYDAH (16-12N 52-11E). IN ADDITION, TWO SOUTH YEMENI ARTILLERY BATTERIES, PROBABLY SUBORDINATE TO THE AL GHAYDAH BRIGADE ARE AT HAWF (16-38N 53-01E) NEAR THE PDRY/OMANI BORDER.

CIA INFR IS10074K-79 25 APR 79 [] SEC CLASS: 13 MSN: 0035P ACCN: S087428 25X1

MISSILES, ACTIVITY SUMMARY SALT RELATED	UR
WAC NO : []	BE/OBJ NO: []
IDHS CODE: []	EPF CAT : 40
	NPIC NO :
	COMIREX NO:

THIS MEMORANDUM REPORTS STRATEGIC MISSILE ACTIVITY OBSERVED IN THE USSR DURING THE PERIOD [] THE CUTOFF 25X1

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DATE OF INFORMATION IN SELECTED PORTIONS OF THIS MEMORANDUM EXTENDS BEYOND 15 MARCH IN ORDER TO INCLUDE INFORMATION THAT DIRECTLY AFFECTS THE ANALYSIS IN THESE INSTANCES, THE DATES ARE INDICATED IN THE APPROPRIATE SECTIONS.

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CIA INFR IS10072K-79 02 MAY 79 [] SEC CLASS: 13 MSN: 0005P ACCN: 5087429 25X1

MISSILES, SS-20 HIGH-BAY DRIVE-THROUGH BLDG UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40B COMIREX NO:
MISSILES, SS-20 TECHNICAL SUPPORT BUILDING UR
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 40B COMIREX NO:

THE SOVIETS ARE CONSTRUCTING A SINGLE-BAY, HIGH-BAY VEHICLE MAINTENANCE GARAGE AND AN ASSOCIATED PROBABLE VEHICLE SUPPLY/ADMINISTRATION BUILDING AT FIVE OF THE SIX KNOWN SS-20 MISSILE REGIMENTAL BASES IN THE WESTERN USSR. THE GARAGES APPEAR SPECIFICALLY DESIGNED FOR MAINTENANCE OF THE ABOUT 70 LARGE LAUNCH RELATED VEHICLES IN EACH SS-20 REGIMENT. OIA BELIEVES THAT THE CONSTRUCTION OF THE GARAGES AND SUPPLY/ADMINISTRATION BUILDINGS WILL BE EXTENDED TO THE SIXTH SS-20 MISSILE REGIMENTAL BASE IN THE WESTERN USSR AND PROBABLY TO THE FOUR SS-20 MISSILE DIVISIONAL SUPPORT COMPLEXES IN THE URALS AND EASTERN USSR.

CIA INFR IS10080K-79 14 MAY 79 [] SEC CLASS: 13 MSN: 0004P ACCN: 5087430 25X1

PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL UR 430703N 1322017E
WAC NO : 0291 BE/OBJ NO: NPIC NO : - 67
IDHS CODE: EPF CAT : 75B COMIREX NO:
PETROVKA NAVAL BASE + SHPYD E-2 SSGN OVERHAUL UR 430703N 1322017E
WAC NO : 0291 BE/OBJ NO: NPIC NO : - 67
IDHS CODE: EPF CAT : 75E COMIREX NO:

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AN E-II-CLASS NUCLEAR-POWERED CRUISE MISSILE SUBMARINE IS PROBABLY BEING OVERHAULED AND REFUELED INSIDE THE REPAIR HALL AT PETROVKA SHIP REPAIR YARD. THE E-II APPARENTLY ENTERED THE HALL BETWEEN OCTOBER 1976 AND MID-1977. EVIDENCE OF THIS REPAIR WORK INCLUDES THE APPEARANCE AT THE REPAIR YARD OF AN EXTRA E-II REACTOR ACCESS PLATE IN 1977 AND AN EXTRA SET OF E-II LAUNCH TUBES IN 1978. OF SIGNIFICANCE IS THE FACT THAT THE E-II ENTERED THE HALL UNDETECTED AND THAT IT APPARENTLY ENTERED WITH ITS REACTOR INTACT, I.E., NOT DEFUELED.

CIA IRP IS10073K-79 MAY 79 [] SEC CLASS: 14E MSN: 0023P ACCN: 5087440 25X1

SHIPS, OPERATIONAL UNAVAILABILITY 1977-78 UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PRESENTS THE RESULTS OF A PHOTOGRAPHIC STUDY UNDERTAKEN TO DETERMINE THE NUMBER OF

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NUCLEAR-POWERED SUBMARINES AND MAJOR SURFACE COMBATANTS THAT WERE UNAVAILABLE FOR OPERATIONS DURING 1977 AND 1978 BECAUSE OF OVERHAUL AND REPAIR, CONVERSION, NUCLEAR REFUELING, OR RESERVE STATUS. THIS STUDY IS PART OF CIA'S CONTRIBUTION TO AN INTERAGENCY EFFORT TO ASSESS THE OVERALL READINESS OF THE SOVIET NAVY. THE RESULTS OF THE ANALYSIS ARE AS FOLLOWS: AN AVERAGE OF 26 PERCENT OF THE SOVIET NUCLEAR-POWERED SUBMARINE FORCE WAS UNAVAILABLE FOR OPERATIONS DURING THE JANUARY 1977 THROUGH DECEMBER 1978 PERIOD. THE PERCENTAGE UNAVAILABLE RANGED FROM A LOW OF 22 (32 OF 145 SUBMARINES) TO A HIGH OF 28 (41 OF 144 SUBMARINES) DURING 1977 AND A LOW OF 23 (36 OF 158 SUBMARINES) TO A HIGH OF 30 (46 OF 154 SUBMARINES) DURING 1978.

THE PERCENTAGE OF NUCLEAR-POWERED SUBMARINES UNAVAILABLE FOR OPERATIONS DID NOT CHANGE APPRECIABLE BETWEEN THE BEGINNING OF 1977 AND THE END OF 1978, EVEN THOUGH THE NUCLEAR-POWERED SUBMARINE FORCE LEVEL INCREASED BY APPROXIMATELY 9 PERCENT. SEVENTEEN NEW NUCLEAR-POWERED SUBMARINES--EIGHT NUCLEAR-POWERED BALLISTIC MISSILE SUBMARINES (SSBNS), ONE NUCLEAR-POWERED CRUISE MISSILE SUBMARINE, AND EIGHT NUCLEAR-POWERED ATTACK SUBMARINES--WERE ADDED TO THE FLEET DURING THE 1977-78 PERIOD, AND TWO SUBMARINES, BOTH Y-I-CLASS SSBNS, WERE DISMANTLED.

AN AVERAGE OF 29 PERCENT OF THE MAJOR SURFACE COMBATANTS WERE UNAVAILABLE FOR OPERATIONS DURING THE JANUARY 1977 THROUGH DECEMBER 1978 PERIOD. THE PERCENTAGE UNAVAILABLE RANGED FROM A LOW OF 28 (22 OF 79 SHIPS) TO A HIGH OF 31 (25 OF 81 SHIPS) DURING 1977 AND A LOW OF 26 (24 OF 92 SHIPS) TO A HIGH OF 31 (27 OF 88 SHIPS) DURING 1978.

THE PERCENTAGE OF SURFACE COMBATANTS UNAVAILABLE FOR OPERATIONS DID NOT CHANGE APPRECIABLE THROUGHOUT THE PERIOD UNTIL IT BEGAN TO DECLINE IN SEPTEMBER 1978, EVEN THOUGH THE SURFACE COMBATANT FORCE LEVEL STUDIED INCREASED BY APPROXIMATELY 14 PERCENT BETWEEN JANUARY 1977 AND DECEMBER 1978. TWELVE NEW SURFACE COMBATANTS AND ONE SHIP THAT HAD COMPLETED RADICAL CONVERSION (ONE GUIDED-MISSILE V/STOL AIRCRAFT CARRIER, THREE GUIDED-MISSILE CRUISERS, ONE GUIDED-MISSILE DESTROYER, AND EIGHT GUIDED-MISSILE FRIGATES) WERE ADDED TO THE FLEET DURING THE 1977-78 PERIOD.

DURING THE 1977 AND 1978 PERIOD, THE SOVIETS, FOR THE FIRST TIME, PLACED SEVERAL SURFACE COMBATANTS WITH SURFACE-TO-AIR MISSILE SYSTEMS IN RESERVE.

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NPIC PIR PIR050-79 JUN 79 SEC CLASS: 05B MSN: 0006P ACCN: S087450
ELECTRONICS, TALL KING EW RADAR FACILITIES HU

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WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 25A COMIREX NO:
 ELECTRONICS, TALL KING EW RADAR FACILITIES CZ
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 25A COMIREX NO:

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ELECTRONICS, TALL KING EW RADAR FACILITIES PL
 WAC NO : BE/OBJ NO: NPIC NO : -
 IDHS CODE: EPF CAT : 25A COMIREX NO:

THIS REPORT CONTAINS A TABULATION OF THE TALL KING EARLY-WARNING (EW) RADAR FACILITIES IN POLAND, CZECHOSLOVAKIA, AND HUNGARY. A TOTAL OF 52 TALL KING SITES WERE IDENTIFIED IN THESE COUNTRIES OF THESE SITES, 43 WERE OCCUPIED AND NINE WERE UNOCCUPIED AS PREVIOUSLY REPORTED.

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NPIC PIR PIR053-79 JUN 79 SEC CLASS: 14B MSN: 0018P ACCN: S087451

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MANDALGOVI GROUND FORCES EXERCISE SOVIET MG 454459N 1061443E
 WAC NO : 0286 BE/OBJ NO: NPIC NO : - 3-A
 IDHS CODE: EPF CAT : 35B COMIREX NO:

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A MAJOR SOVIET FIELD TRAINING EXERCISE WAS OBSERVED NEAR MANDALGOVI, MONGOLIA, (45-44-59N 106-14-43E) THIS EXERCISE, COVERING AN AREA OF APPROXIMATELY 1,600 SQUARE NAUTICAL MILES (NM) INVOLVED ELEMENTS OF AT LEAST FOUR COMBAT DIVISIONS AND IS THE LARGEST SOVIET GROUND FORCES EXERCISE EVER OBSERVED ON OVERHEAD IMAGERY. THE ENTIRE EXERCISE WAS NOT IMAGED, WHICH PRECLUDED A COMPLETE ANALYSIS OF ITS SIZE AND EXTENT. HOWEVER, MOST OF THE EXERCISE WAS PROBABLY OBSERVED. THE EXERCISE WAS THE CULMINATION OF A LARGE-SCALE, JOINT-FORCE OPERATION CONDUCTED IN THE EASTERN SOVIET UNION AND MONGOLIA WHICH BEGAN IN LATE FEBRUARY.

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DATED MAY 1976; [REDACTED] DATED JANUARY 1974; [REDACTED] DATED MARCH 1973; [REDACTED] DATED FEBRUARY 1972; AND [REDACTED] DATED APRIL 1971. A LOCATION MAP, NINE ANNOTATED PHOTOGRAPHS, AND THREE TABLES ARE INCLUDED IN THIS REPORT.

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[REDACTED]

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DIA IIM 5B1-72505-79 13 JUN 79 [REDACTED] SEC CLASS: 14R MSN: [REDACTED] 0003P ACCN: S087523 25X1

KONSTANTINOVSKIY ARMY BARRACKS UR 574612N 0393425E 25X1
WAC NO : 0154 BE/OBJ NO: [REDACTED] NPIC NO : - 25X1
IDHS CODE: [REDACTED] EPF CAT : 35A COMIREX NO: [REDACTED] 25X1

DIA IIM 5B3-72530-79 15 JUN 79 [REDACTED] SEC CLASS: 14 MSN: [REDACTED] 0002P ACCN: S087524 25X1

KISKUNLACHAZA AIRFIELD FLOGGER MIG-23 A/C HU 471041N 0190426E 25X1
WAC NO : 0251 BE/OBJ NO: [REDACTED] NPIC NO : - 62 25X1
IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO: [REDACTED] 25X1

DIA IIM 5B3-73540-79 15 JUN 79 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 0001P ACCN: S087525 25X1

BOLSHOY TOKMAK AIRFIELD UR 471717N 0354238E 25X1
WAC NO : 0249 BE/OBJ NO: [REDACTED] NPIC NO : - 66 25X1
IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO: [REDACTED] 25X1

[REDACTED]

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DIA IIM 5B3-73539-79 18 JUN 79 [REDACTED] SEC CLASS: 13 MSN: [REDACTED] 0003P ACCN: S087527 25X1

AIRFIELDS, LRA AIRFIELDS MAINTENANCE ACTIVITY. UR 25X1
WAC NO : [REDACTED] BE/OBJ NO: [REDACTED] NPIC NO : - 25X1
IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO: [REDACTED] 25X1

[REDACTED]

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WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 29-B1	
IDHS CODE: []	EPF CAT : 35A	COMIREX NO: []	
VOLNOYE ARMY BARRACKS AL1/RESERVE EQUIP STGE		UR 484222N 0352259E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : - 29-B1	
IDHS CODE: []	EPF CAT : 35F	COMIREX NO: []	

25X1
25X1

25X1
25X1

DIA IIM 581-72528-79 18 JUN 79 [] SEC CLASS: 14 MSN: [] 0002P

ACCN: S08752925X1

SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR 532438N 0555400E	
WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 26
IDHS CODE: []	EPF CAT : 30B	COMIREX NO: []
SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE	UR 532438N 0555400E	
WAC NO : 0165	BE/OBJ NO: []	NPIC NO : - 26
IDHS CODE: []	EPF CAT : 30F	COMIREX NO: []

25X1
25X1

25X1
25X1

25X1

DIA IIM 581-72527-79 20 JUN 79 [] SEC CLASS: 14B MSN: [] 0005P

ACCN: S087532^{25X1}

ARTEMOVSK ORDNANCE DEPOT D01	UR 483357N 0375750E	
WAC NO : 0234	BE/OBJ NO: []	NPIC NO : -
IDHS CODE: []	EPF CAT : 35F	COMIREX NO: []

25X1
25X1

25X1

140
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

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

AF PAR 2-79 21 MAR 79 SEC CLASS: 07 MSN: 0002P ACCN: S087567

ELECTRONICS, WISHBONE ANTENNA
WAC NO : BE/OBJ NO: NPIC NO : -
IDHS CODE: EPF CAT : 25 COMIREX NO:

25X1

AF PAR 580-79 25 MAY 79 [] SEC CLASS: 13 MSN: 0006P ACCN: S087569 25X1

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

25X1

25X1

THIS REPORT PROVIDES AN UPDATED ANALYSIS OF THE LA-SA SSM/SPACE TRACKING FACILITY WITH PARTICULAR ATTENTION FOCUSED ON THE ELECTRONICS ANTENNAS AT THIS FACILITY. CHANGES IN TYPES AND AZIMUTHS OF COMMUNICATIONS ANTENNAS, IF ANY, ARE INCLUDED. DRAWING 79C6527 SUPPLEMENTS THIS REPORT.*

AF PAR 590-79 21 MAY 79 [] SEC CLASS: 13 MSN: 0003P ACCN: S087570 25X1

TULA MISSILE DESIGN BUREAU SUSP IDENT UR 541205N 0373510E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []
KOLOMNA MISSILE DESIGN BUREAU 2 SUSP IDENT UR 550440N 0384920E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []
KOLOMNA MISSILE DESIGN BUREAU 1 SUSP IDENT UR 550410N 0384810E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 40E COMIREX NO: []

25X1

25X1

25X1

25X1

25X1

25X1

25X1

AF PAR 587-79 14 MAY 79 [] SEC CLASS: 13 MSN: 0004P ACCN: S087575 25X1

MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155 UR 554846N 0373034E
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 97-B1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

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

25X1

THIS REPORT PROVIDES AN UPDATED ANALYSIS OF THE MOSKVA AIRCRAFT EXPERIMENTAL PLANT 155. IT SPECIFICALLY IDENTIFIES NEW CONSTRUCTION, BOUNDARY CHANGES, AND HARDWARE ITEMS AND PROVIDES AN ACCOUNTING OF NEW ROOF COVERAGE AND FLOORSPACE AS WELL AS IDENTIFYING HARDENING OR CIVIL DEFENSE FEATURES. THIS REPORT SUPERSEDES PAR 78-581, PARAGRAPH 2B (4) OF PAR 79-518, AND SUPPLEMENTS PAR 76-517.*

25X1

DIA IIM 5B1-72515-79 21 JUN 79 [] SEC CLASS: 14B MSN: [] 0013P ACCN: S087609 25X1

VOLKA ARMY BARRACKS AL1 HEAVY AA DIVISION UR 524756N 0253857E
WAC NO : 016A BE/OBJ NO: [] NPIC NO : - 198
IDHS CODE: [] EPF CAT : 35A COMIREX NO: []

25X1

25X1

DIA IIM 5B2-72453-79 26 JUN 79 [] SEC CLASS: 14 MSN: [] 0010P ACCN: S087612 25X1

GIURGIU PORT COMPLEX RO 435318N 0255839E
WAC NO : 0322 BE/OBJ NO: [] NPIC NO : - 74-B4
IDHS CODE: [] EPF CAT : 75I COMIREX NO: []

25X1

25X1

25X1

142
TOP SECRET CHESS RUFF

25X1

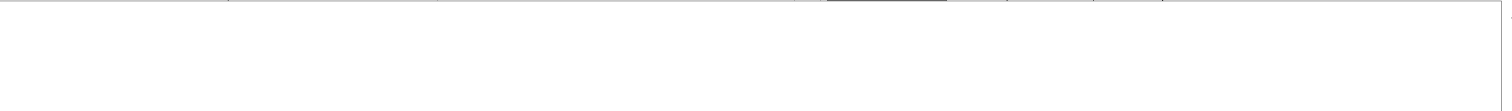
TOP SECRET CHESS RUFF

25X1



25X1

DIA IIM 5B3-72566-79 26 JUN 79 [REDACTED] SEC CLASS: 14 MSN: [REDACTED] 0002P ACCN: S087614 25X1
 MOLODEZHNYAYA AIRFIELD SEARCH AY 674000S 0455120E
 WAC NO : 1754 BE/OBJ NO: [REDACTED] NPIC NO : - 1 25X1
 IDHS CODE: [REDACTED] EPF CAT : 05A COMIREX NO: [REDACTED] 25X1



25X1

DIA IIM 5B1-72561-79 26 JUN 79 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 0004P ACCN: S087616 25X1
 SHUMEN AMMUNITION STORAGE FACILITY 515 BU 431704N 0265653E
 WAC NO : 0322 BE/OBJ NO: [REDACTED] NPIC NO : - 37-A4 25X1
 IDHS CODE: [REDACTED] EPF CAT : 35F COMIREX NO: [REDACTED] 25X1

DIA IIM 5B1-72529-79 27 JUN 79 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 0003P ACCN: S087617 25X1
 RAZLOG AMMUNITION STORAGE FACILITY BU 415330N 0232710E
 WAC NO : 0322 BE/OBJ NO: [REDACTED] NPIC NO : - 25X1
 IDHS CODE: [REDACTED] EPF CAT : 35F COMIREX NO: [REDACTED] 25X1

NPIC MEMO [REDACTED] 05 JUL 79 [REDACTED] SEC CLASS: 14B MSN: [REDACTED] 0002P ACCN: S087618 25X1
 ILLARIONOVO RADIO RELAY STATION SE UR 482115N 0352150E
 WAC NO : 0234 BE/OBJ NO: [REDACTED] NPIC NO : - 7-E1 25X1
 IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: [REDACTED] 25X1
 GOLUBOVKA RADIO RELAY STATION UR 485255N 0351935E
 WAC NO : 0234 BE/OBJ NO: [REDACTED] NPIC NO : - 29-A 25X1
 IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: [REDACTED] 25X1
 NOVOMOSKOVSK RADIO RELAY STATION UR 483800N 0351500E
 WAC NO : 0234 BE/OBJ NO: [REDACTED] NPIC NO : - 29-C1 25X1
 IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: [REDACTED] 25X1
 BULAKHOVKA RADIO RELAY STATION UR 483600N 0353900E
 WAC NO : 0234 BE/OBJ NO: [REDACTED] NPIC NO : - 161 25X1
 IDHS CODE: [REDACTED] EPF CAT : 25D COMIREX NO: [REDACTED] 25X1

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

THIS MEMO DESCRIBES THE NUMBER, TYPE, AND ORIENTATION OF ANTENNAS AT RADIO RELAY STATIONS IN THE PAVLOGRAD AREA. IT ALSO SEARCHES FOR A NEW RADIO RELAY STATION IN THE BULAKHOVKA AREA. IMAGERY USED WAS

25X1

25X1

DIA IIM 581-72547-79 22 JUN 79 [] SEC CLASS: 14B MSN: [] 0005P ACCN: S08764725X1

ORSHA MILITARY SUPPLY DEPOT D01 UR 543115N 0302317E 25X1
WAC NO : 0167 BE/OBJ NO: [] NPIC NO : - 67-F 25X1
IDHS CODE: [] EPF CAT : 35F COMIREX NO: []

NPIC MEMO [] 02 JUL 79 [] SEC CLASS: 14B MSN: [] 0002P ACCN: S08764825X1

SOZONOVO RADIO RELAY STATION UR 570856N 0661643E 25X1
WAC NO : 0157 BE/OBJ NO: [] NPIC NO : - 31 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

BOGANDINSKIY RADIO RELAY STATION UR 565320N 0655400E 25X1
WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 106 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

ZAVODOUSPENSKOYE RADIO RELAY STATION UR 565200N 0650120E 25X1
WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 91 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

KOMMUNAR RADIO RELAY STATION UR 563435N 0653030E 25X1
WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 99 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

TYUMEN RADIO RELAY STATION NW TOWER SEARCH UR 571320N 0652955E 25X1
WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 28-K 25X1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

THIS MEMO GIVES THE NUMBER, TYPE AND ORIENTATION OF RADIO RELAY ANTENNAS AT SOZONOVO, BOGANDINSKIY, ZAVODOUSPENSKOYE, AND KOMMUNAR RADIO RELAY STATIONS. [] OF THE TYUMEN AREA WAS USED. NO RADIO RELAY STATIONS WERE FOUND WITHIN A 5 NAUTICAL MILE RADIUS OF TUGULYM POSSIBLE RADREL STATION AND TYUMEN RADREL STATION NW.* 25X1

25X1

144
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Redacted]

25X1

DIA IIM 5B1-72577-79 02 JUL 79 [Redacted] SEC CLASS: 14B MSN: [Redacted] 0001P ACCN: 5087652 25X1

SZCZECIN PETROLEUM PRODUCTS STORAGE

WAC NO : 0169

IDHS CODE: [Redacted]

BE/OBJ NO: [Redacted]

EPF CAT : 80A

PL 533330N 0143310E

NPIC NO : - 142-A5

COMIREX NO:

25X1

25X1

25X1

[Redacted]

[Redacted]

TOP SECRET CHESS RUFF

25X1

25X1

DIA IIM 5B1-72605-79 10 JUL 79 [] SEC CLASS: 14B MSN: [] 0003P ACCN: S0876725X1
 PERM ARMY BARRACKS AL2 UR 575931N 0561552E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: 25X1

DIA IIM 5B1-72615-79 10 JUL 79 [] SEC CLASS: 14B MSN: [] 0005P ACCN: S0876725X1
 PERM MILITARY TRAINING AREA TA1 UR 580022N 0562500E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 16-Y 25X1
 IDHS CODE: [] EPF CAT : 35B COMIREX NO: [] 25X1

DIA IIM 5B1-72625-79 10 JUL 79 [] SEC CLASS: 14B MSN: [] 0003P ACCN: S0876725X1
 PERM ORDNANCE DEPOT CENTRAL D01 UR 575930N 0561601E
 WAC NO : 0156 BE/OBJ NO: [] NPIC NO : - 16-Y 25X1
 IDHS CODE: [] EPF CAT : 35F COMIREX NO: [] 25X1

DIA IIM 5B1-72631-79 10 JUL 79 [] SEC CLASS: 14 MSN: [] 0003P ACCN: S0876725X1
 BAYAN SUMA AMMUNITION STORAGE DEPOT DA1 MG 471430N 1072900E
 WAC NO : 0285 BE/OBJ NO: [] NPIC NO : - 12-D 25X1
 IDHS CODE: [] EPF CAT : 35F COMIREX NO: [] 25X1

DIA IIM 5B1-72585-79 10 JUL 79 [] SEC CLASS: 14 MSN: [] 0010P ACCN: S0876725X1
 BEREZOVKA ARMY BARRACKS AL1 ENGINEER BRIGADE UR 503411N 1275124E
 WAC NO : 0203 BE/OBJ NO: [] NPIC NO : - 211 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1
 BEREZOVKA ARMY BARRACKS AL2 ENGINEER BRIGADE UR 503220N 1275010E
 WAC NO : 0203 BE/OBJ NO: [] NPIC NO : - 87-A 25X1
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1

DIA IIM 5B1-72643-79 18 JUL 79 [] SEC CLASS: 14 MSN: [] 0002P ACCN: S0877625X1X1
 NOVOSIBIRSK AIRCRAFT REPAIR BASE UR 545632N 0824203E
 WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - 25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

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

25X1

DIA IIM 5B1-72642-79 18 JUL 79 [] SEC CLASS: 14 MSN: [] 0002P ACCN: S087762

25X1

NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC UR 550530N 0825409E

25X1

WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - 7-A

25X1

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

NOVOSIBIRSK AIRFIELD NORTH HELICOPTER RPR FAC UR 550530N 0825409E

25X1

WAC NO : 0162 BE/OBJ NO: [] NPIC NO : - 7-A

25X1

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

25X1

DIA IIM 5B1-72645-79 17 JUL 79 [] SEC CLASS: 14B MSN: [] 0001P ACCN: S087764 25X1

BUY AMMUNITION STORAGE DEPOT 50 UR 582601N 0413241E

25X1

WAC NO : 0154 BE/OBJ NO: [] NPIC NO : - 7

25X1

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

DIA IIM 5B3-72651-79 16 JUL 79 [] SEC CLASS: 13 MSN: [] 0001P ACCN: S087765 25X1

CHEGLA AIRFIELD NW UR 602835N 0330154E

25X1

WAC NO : 0102 BE/OBJ NO: [] NPIC NO : -

25X1

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

25X1

DIA IIM 5B3-72653-79 16 JUL 79 [] SEC CLASS: 14 MSN: [] 0002P ACCN: S087768 25X1

TOP SECRET CHESS RUFF

25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

KOMSOMOLSKIY AIRFIELD
WAC NO : 0065
IDHS CODE: [Redacted]

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

UR : 690840N 1724030E
NPIC NO : - 16
COMIREX NO:

25X1
25X1

[Redacted]

25X1

DIA IIM 5B3-72662-79 16 JUL 79 [Redacted] SEC CLASS: 14 MSN: [Redacted] 0003P ACCN: S08777(25X1

GATCHINA AIRFIELD
WAC NO : 0153
IDHS CODE: [Redacted]

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

UR : 593630N 0301630E
NPIC NO : -
COMIREX NO:

25X1
25X1

DIA IIM 5B3-72652-79 16 JUL 79 [Redacted] SEC CLASS: 13 MSN: [Redacted] 0001P ACCN: S08777(25X1

RYBEZHNO AIRFIELD WEST
WAC NO : 0102
IDHS CODE: [Redacted]

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

UR : 602012N 0325558E
NPIC NO : -
COMIREX NO:

25X1
25X1

[Redacted]

25X1

TOP SECRET CHESS RUFF

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1

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

25X1

DIA IIM 583-72635-79 11 JUL 79 [] SEC CLASS: 14 MSN: [] 0002P ACCN: S087774

25X1

NARYAN MAR HELIPORT
WAC NO : 0093 BE/OBJ NO: [] UR 674029N 0530853E
IDHS CODE: [] EPF CAT : 05 NPIC NO : - 4-C8
COMIREX NO:

25X1

25X1

25X1

NPIC MEMO [] 17 JUL 79 [] SEC CLASS: 13 MSN: [] 0002P ACCN: S087774

25X1

PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER UR 614630N 0341955E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 15-05
IDHS CODE: [] EPF CAT : 25B COMIREX NO:
PETROZAVODSK RADIO RELAY/TV/FM BDCST CENTER UR 614630N 0341955E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 15-05
IDHS CODE: [] EPF CAT : 25B COMIREX NO:
PETROZAVODSK RADIO RELAY STATION WEST UR 615340N 0334530E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 15-L1
IDHS CODE: [] EPF CAT : 25D COMIREX NO:
KONCHOZERO RADIO RELAY STATION UR 620743N 0335952E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 40
IDHS CODE: [] EPF CAT : 25D COMIREX NO:
SPASSKAYA GUBA RADIO RELAY STATION WEST UR 621300N 0333620E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 82
IDHS CODE: [] EPF CAT : 25D COMIREX NO:
ILEM SELGA RADIO RELAY STATION UR 621750N 0343040E
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 36
IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

KYAPPESELGA RADIO RELAY STATION
WAC NO : 0102 BE/OBJ NO: [] NPIC NO : - 30
IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1

THIS MEMO DESCRIBES THE NUMBER, TYPE AND ORIENTATION OF ANTENNAS AT RADIO-RELAY STATIONS IN THE PETROZAVODSK AREA.

NPIC MEMO [] 19 JUL 79 [] SEC CLASS: 14D MSN: [] 0002P

ACCN: 50877725X1

25X1
25X1

GALENKI ESV TRACKING/MOLNIYA FACILITY
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 9-C
IDHS CODE: [] EPF CAT : 25C COMIREX NO: []

25X1
25X1

OSINOVKA RADIO RELAY STATION EAST
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 99
IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1

ARSENIEV TV BROADCASTING CENTER
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 44-C2
IDHS CODE: [] EPF CAT : 25B COMIREX NO:

25X1
25X1

OZERNOYE RADIO RELAY STATION
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 103
IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1

LESOZAVODSK RADIO RELAY STATION
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 27-C4
IDHS CODE: [] EPF CAT : 25D COMIREX NO:

25X1
25X1

POKROVKA RADIO RELAY + RADCOM XMTR STATION
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : - 74-A1
IDHS CODE: [] EPF CAT : 25D COMIREX NO: []

25X1
25X1

USSURIYSK TV RELAY STATION SEARCH
WAC NO : 0291 BE/OBJ NO: [] NPIC NO : -
IDHS CODE: [] EPF CAT : 25B COMIREX NO:

25X1
25X1

THIS MEMO PROVIDES A CURRENT DESCRIPTION OF RADIO-RELAY STATIONS IN THE VLADIVOSTOK AREA. IMAGERY USED

25X1

DIA IIM 581-72674-79 18 JUL 79 [] SEC CLASS: 14 MSN: [] 0002P

ACCN: 50877725X1

SPASSK DALNIY ARMY BARRACKS AL4
WAC NO : 0282 BE/OBJ NO: [] NPIC NO : - 47-A1
IDHS CODE: [] EPF CAT : 35A COMIREX NO:

25X1
25X1

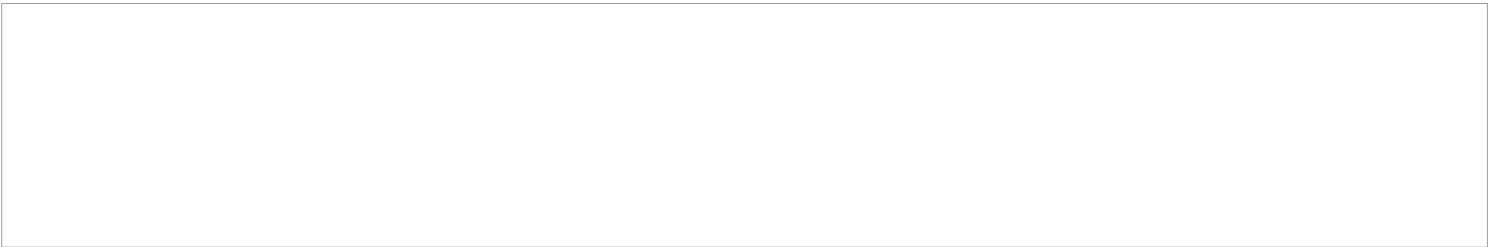
25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1



25X1

NPIC MEMO [redacted] 23 JUL 79 [redacted] SEC CLASS: 13 MSN: 0001P ACCN: 5087902

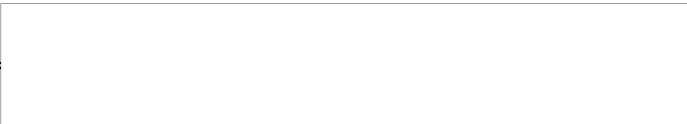
25X1

IMENI TSYURUPY RADIO RELAY STATION UR 553130N 0383930E
WAC NO : 0167 BE/OBJ NO: [redacted] NPIC NO : - 128
IDHS CODE: [redacted] EPF CAT : 25D COMIREX NO: [redacted]

25X1
25X1

THIS MEMO PROVIDES THE NUMBER, TYPE AND ORIENTATIONS OF ANTENNAS AT IMENI TSYURUPY RADIO RELAY STATION.

25X1



25X1

TOP SECRET



TOP SECRET