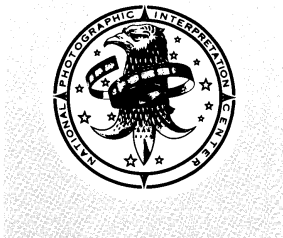


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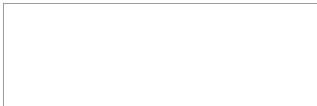


PHOTOGRAPHIC
EXPLOITATION
PRODUCTS

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

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(See inside cover)

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



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DISSEMINATION CONTROL ABBREVIATIONS

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

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PHOTOGRAPHIC EXPLOITATION PRODUCTS

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OCTOBER 1978**

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INTRODUCTION

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

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

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

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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.

TYPICAL ACCESSION CITATION

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THEY MAY BE DIRECTED TO NPIC/PSG/RSD/IB/RAS

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ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

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

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ABBREVIATIONS AND NUMERIC CODES (CONTINUED)

REPORT TYPES (Continued)

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

[redacted]

SECURITY CLASSIFICATION

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

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

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

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

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

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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

AF - AIR FORCE

NSA - NATIONAL SECURITY AGENCY

ARMY - ARMY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

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SAC - SAC (544th RTS)

CIA - CENTRAL INTELLIGENCE AGENCY

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

DIA - DEFENSE INTELLIGENCE AGENCY

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

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

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

[Redacted]

STL - SPACE TECHNOLOGY LABORATORY

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JOINT - JOINT (2 or more USIB members participating)

[Redacted]

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USIB - UNITED STATES INTELLIGENCE BOARD

NATO - NORTH ATLANTIC TREATY ORGANIZATION

NAVY - NAVY

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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.
AD DALI INFANTRY BATTALIONS	YS	134600N 0444340E	5084729
AGORDAT INFANTRY BRIGADE	ET	153300N 0375250E	5084822
AIRCRAFT, AERONAUTICAL RSCH/DESIGN/TEST FACs	BF		5084737
AIRCRAFT, BISON M-4 LOCATION/COUNT	UR		5084740
AIRCRAFT, CAT AN-10 SPECIAL PURPOSE	UR		5084695
AIRCRAFT, COOT IL-18 BOAT-SHAPED ELCT MODIFS	UR		5084728
AIRCRAFT, COOT IL-18 NOSE EXTENSION MODIFS	UR		
AIRCRAFT, CURL AN-26 SPECIAL PURPOSE	UR		5084695
AIRCRAFT, HIP C MI-8 SPECIAL PURPOSE	UR		
AIRCRAFT, HOOK MI-6 SPECIAL PURPOSE	UR		
AIRCRAFT, RAM J/LUK A WING MODIFICATION	UR		5085129
AIRFIELDS, ACTIVITY SOVIET	ET		5084937
			5084949
AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	UR		5084695
AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	MG		
AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	HU		
AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	PL		
AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	CZ		
AIRFIELDS, BADGER TU-16 LRA FORCE	UR		5084941
AIRFIELDS, FIRING-IN BUTTS FLOGGER RELATED	UR		5085003
AIRFIELDS, HANGARETTE CONST DESIGN TECHNIQUES	CU		5084943
AIRFIELDS, NAVAL RESERVE	UR		5084741
AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT	UR	481735N 0461216E	5084739
AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT	UR	481735N 0461216E	
AKHTUBINSK FLIGHT TEST CTR RAM J/LUK A MODIF	UR	481735N 0461216E	5085129

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SUBJECT	COUN	COORD	ACCN NO.
AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT	UR	481851N 0461630E	S084823
AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT	UR	481851N 0461630E	
AKHTUBINSK/VLADIMIROVKA ASM STORAGE AREA CRTS	UR	482241N 0461218E	S084739
AL ANAD INFANTRY BRIGADE	YS	1310 N 04450 E	S084729
AL GHAYDAH MILITARY CAMP INFANTRY BATTALIONS	YS	161150N 0521120E	
AL KIRSH INFANTRY BATTALION	YS	132150N 0442925E	
ALMA ATA AVTOKOLONNA 2551	UR	432140N 0765855E	S085004
ANADYR/UGOLNYYE KOPI AFLD BADGER LRA FORCE	UR	644406N 1774428E	S084941
ANGARSK RADIO COMMO/AM BDCST XMTR STATION SW	UR	522525N 1034013E	S084731
ANISOVO GORODISHCHE AIRFIELD BADGER LRA FORCE	UR	541327N 0342208E	S084941
ANJU CHEMICAL PLANT YOUTH U/C	KN	393909N 1254210E	S084738
ANJU PULP + PAPER PLANT U/C	KN	393911N 1254010E	
ANJU THERMAL POWER PLANT	KN	394015N 1254245E	
ANKOUCHEN AMMUNITION + GRENADE PLANT	CH	351540N 1064630E	S084801
AOUINET BEL EGRA SAHARAN REFUGEE CAMPS	AG	2650 N 00651 W	S084726
ASENOVGRAD ARMY BARRACKS 1	BU	420129N 0245347E	S084785
ATAQ MILITARY CAMP HQ INFANTRY	YS	143237N 0464925E	S084729

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BAC GIANG CHEMICAL FERTILIZER PLANT RECONST	VM	211810N 1061225E	S084663
BAC GIANG THERMAL POWER PLANT RECONSTRUCTION	VM	211810N 1061210E	
BAGHDAD AIRFIELD INTL CANDID IRAQI AIRWAYS	IZ	331520N 0441330E	S084831
BAI BANG PAPER PLANT	VM	212457N 1051848E	S084663
BAKLASHI ARMY BARRACKS AL1 + HQ MRD UNITS NEW	UR	521031N 1035754E	S085048
BALAKLAVA MTC	UR	443014N 0333122E	S085018

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SUBJECT	COUN	COORD	ACCN NO.
BARIM ISLAND MILITARY ACTIVITY	YS	1239 N 04324 E	5084729
BAYHAN AL QISAB MILITARY BARRACKS INFANTRY	YS	144712N 0454306E	
BAYRAM ALI ARMY BARRACKS AL2	UR	373700N 0620915E	5085023
BAYRAM ALI TACTICAL SS-1 BARRACKS AL1	UR	373616N 0621030E	5085031
BAYRUT TANK COMPANY SYRIAN	LE	335159N 0353201E	5084748
BELAYA AAM SUPPORT FACILITY	UR	525440N 1033300E	5084803
BELAYA AIRFIELD	UR	525454N 1033434E	
BELAYA AIRFIELD BACKFIRE B IDENTIFICATION	UR	525454N 1033434E	5085039
BELAYA AIRFIELD BADGER TU-16 LRA FORCE	UR	525454N 1033434E	5084941
BELAYA AIRFIELD GCA SITE	UR	525436N 1033421E	5084803
BELAYA TSERKOV AIRFIELD BADGER LRA FORCE	UR	494749N 0300135E	5084941
BOBRUYSK AIRFIELD BADGER TU-16 LRA FORCE	UR	530610N 0291230E	5084941
BOBRUYSK ARMY BARRACKS AL2/HQ TK ARMY/TK DIV	UR	530830N 0291438E	5085030
BROVARY ARMY BKS MINE-LAYING VEH PROB IDENT	UR	502950N 0304430E	5084680
BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS	UR	531502N 0342419E	5084699
BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS	UR	531502N 0342419E	
BULGAN ARMY BARRACKS AL1	MG	483454N 1032803E	5085024
CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS	AO	161745S 0141910E	5084795
CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS	AO	161745S 0141910E	
CHALMPUSHKA SHIP REPAIR YARD FLT6 DRYDOCK	UR	690333N 0331324E	5084799

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SUBJECT	COUN	COORD	ACCN NO.
CHELYABINSK STEEL PLANT BAKAL	UR	551621N 0612659E	S085017
CHENG TU AIRFRAME PLANT 132	CH	304227N 1035747E	S085014
CHIAOHO AW RADAR FACILITY POSS IDENTIFICATION	CH	434250N 1273636E	S084925
CHIAOHO RADIO RELAY STATION SUSP IDENT	CH	434954N 1272840E	
CHINGTAO NAVAL SHIPYARD LANDING SHIP NEW U/C	CH	360345N 1201740E	S084829
CHINGYU MTC SSM SITE POSS LAUNCH PAD U/C	CH	421755N 1265231E	S085107
CHINHSI OPTICAL TRACKING FAC A MBL TRKG EQUIP	CH	404230N 1210120E	S084824
CHONGJIN IRON + STEEL PLANT KIMCHAEK EXPSN	KN	414537N 1294510E	S084738
CHOYBALSAN AIRFIELD NE FITTER SU-17 COUNT	MG	480802N 1143847E	S085077
CHOYBALSAN ARMY BARRACKS AL8 MRL REGT IDENT	MG	480110N 1143120E	S085136
CHOYBALSAN MILITARY BARRACKS AL5 + HQ TK DIV	MG	480333N 1143755E	S085025
DERAZHNYA ICBM SITE 5D TYPE 36 SILO EXCAVATED	UR	491939N 0272132E	S085126
DERAZHNYA SSM COMPLEX LCF DD SILO DOOR OPEN	UR	491852N 0272650E	
DMITROV AUTOMOTIVE TEST TRACK	UR	562000N 0371830E	S084805
DNEPROPETROVSK STEEL PLANT PETROVSKIY	UR	482858N 0345852E	S084956
DODONOVO MISSILES + SPACE COMPONENTS PLANT	UR	561540N 0933135E	S084732
DODONOVO MISSILES + SPACE COMPONENTS PLANT	UR	561540N 0933135E	
DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	512718N 1130402E	S084745
DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	512718N 1130402E	
DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP	UR	512021N 1130114E	
DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP	UR	512021N 1130114E	
DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK	UR	425400N 1322110E	S084799
DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK	UR	425400N 1322110E	
DURBAN SHIP RPR YD SANDOCK RESHEF CL PGG U/C	SF	295318S 0305942E	S084667

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SUBJECT COUN COORD ACCN NO.

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ELECTRONICS, CHOP REST AW RADAR DEPLOYMENT	CH		5084961
ELECTRONICS, COPHASED HORIZ DIPOLE CURTAIN	UR		5084731
ELECTRONICS, FLAT TWIN ABM-X-3 RADAR	UR		5084940
ELECTRONICS, HF BROADCAST FACCS JAMMING POSS	UR		5084731
ELECTRONICS, LINEAR ANTENNA ARRAY LONG	UR		
ELECTRONICS, SUUJI D AW RADAR DEPLOYMENT	CH		5084961
ELECTRONICS, TREE FORK 2 AW RADAR DEPLOYMENT	CH		
ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	CZ		5084664
ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	PL		
ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	MG		
ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	UR		
ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	HU		
ELECTRONICS, VARIABLE DEPTH SONAR	UR		5084736
ELECTRONICS, VERTICAL RADIATOR ANTENNA ARRAY	UR		5084731
ETZION AIRFIELD ISRAELI OCCUPIED DUMMY AFLD	EG	293640N 0344630E	5085045
FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS	UR	450808N 0353337E	5085015
FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS	UR	450808N 0353337E	

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FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE	CH	421040N 1265600E	5084828
GADWAL AMMUNITION PRODUCTION + LOADING FACIL	PK	334830N 0724445E	5084794
GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA	PL	542207N 0183844E	5084710

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SUBJECT	COUN	COORD	ACCN NO.
GENICHESK AIRFIELD NAVAL RESERVE	UR	461240N 0344556E	S084741
GOMEL/PRIBYTKI AIRFIELD BADGER LRA FORCE	UR	521824N 0310947E	S084941
GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK	UR	680420N 0392824E	S084799
GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK	UR	680420N 0392824E	
GRUDOVO ARMY BARRACKS WEST 1	BU	422048N 0270957E	S084781
GUERCIF ARMY BARRACKS ARMOR UNIT IDENT	MO	341226N 0032115W	S085124
GUSINOOZERSK MILITARY BARRACKS AL1 + HQ MRD	UR	511930N 1062715E	S085022
HAEJU CEMENT PLANT CHOSEM EXPANSION	KN	375925N 1254240E	S084738
HAERHPIN AIRCRAFT ENGINE PLANT PINFANG 120	CH	453555N 1264005E	S084793
HAN OI THERMAL POWER PLANT RECONSTRUCTION	VM	210235N 1055051E	S084663
HAN OI TRANSFORMER SUBSTATION RECONSTRUCTION	VM	210826N 1055045E	
HISN AL ABR MILITARY ACTIVITY	YS	1608 N 04715 E	S084729
HOLGUIN AIRFIELD HANGARETTE CONSTRUCTION	CU	204707N 0761854W	S084943
HSIAN RADAR PLANT 786	CH	341626N 1090019E	S084672
HSICHANG CSS-1 CRATERS SEARCH	CH	2747 N 10125 E	S084932
HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD	CH	230510N 1132442E	S084733
HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD	CH	230510N 1132442E	
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	404309N 1205939E	
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	404309N 1205939E	
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	404309N 1205939E	
ICHETDI RADIO RELAY STATION	UR	634125N 0564215E	S078363
INDUSTRY CONSTRUCTION/EXPANSION PROGRAMS	KN		S084738

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SUBJECT	COUN	COORD	ACCN No.
INDUSTRY, OIL DRILLING OFFSHORE PLATFORMS MBL	UR		5084810
INDUSTRY, WAR DAMAGE RECONSTRUCTION	VM		5084663
IRKUTSK LRA CP/BKR/RCVR STA MBL CP UNIT IDENT	UR	522352N 1042220E	5085132
IVANKOVSKIY GUIDED MISSILE PLANT	UR	564521N 0370700E	5084927
IZYUM AIRFIELD POL STORAGE CAPACITY	UR	491550N 0370913E	5085083
JIJIGA MILITARY BARRACKS ARMOR BRIGADE CONVOY	ET	0918 N 04246 E	5085033
JIJIGA MILITARY BARRACKS MECH INF BRGD IDENT	ET	0918 N 04246 E	5084820
JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS	SF	260824S 0281430E	5084737
JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS	SF	260824S 0281430E	
JOHANNESBURG AIRFIELD PLT ATLAS ENG TEST FACS	SF	260901S 0281501E	
KALACH NA DONU RADIO RELAY STATION	UR	484040N 0432910E	5085087
KALUSH CHEMICAL COMBINE	UR	490432N 0241812E	5084809
KAMCHATKA MISSILE IMPACT AREAS ACT SUMMARY	UR	5712 N 16133 E	5084948
KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION	UR	402452N 0451136E	5084731
KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION	UR	402452N 0451136E	
KAPUSTIN YAR MTC ANT MASTS SS-20 ASSOC IDENT	UR	483555N 0461752E	5084681
KAPUSTIN YAR MTC COMPLEX C SS-4 EQUIP CF	UR	483457N 0461754E	5085134
KAPUSTIN YAR MTC CPLX C SITE 1 ELCT FACS SRCH	UR	483658N 0461800E	5084924
KAPUSTIN YAR MTC INSTRUMENTATION SITE H1	UR	485200N 0463000E	5084930
KAPUSTIN YAR MTC INSTRUMENTATION SITE 1	UR	485932N 0493238E	5084931
KAPUSTIN YAR MTC MRBM COMPLEX C SS-4 EQUIP CF	UR	483457N 0461754E	5085134
KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	483555N 0461752E	
KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	483555N 0461752E	
KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	483555N 0461752E	

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SUBJECT	COUN	COORD	ACCN NO.
KAPUSTIN YAR MTC MRBM SUPPORT FACILITY 6	UR	484726N 0461833E	S084930
KAPUSTIN YAR MTC SAM TRACKING FACILITY 10	UR	485748N 0461540E	S084928
KAPUSTIN YAR MTC SRBM CPLX TEL PROB NEW IDENT	UR	484551N 0461753E	S085127
KAPUSTIN YAR MTC SRBM TEL/RESUPPLY VEH U/I	UR	484116N 0461648E	S085041
KAPUSTIN YAR MTC TELEMETRY/TRACKING FACILITY	UR	483730N 0461205E	S084929
KAPUSTIN YAR/TEREKTY TRACKING FACILITY CTRL	UR	481355N 0482619E	S084659
KAPUSTIN YAR/TEREKTY TRACKING FACILITY NORTH	UR	4826 N 04840 E	
KAPUSTIN YAR/TEREKTY TRACKING FACILITY WEST	UR	481008N 0481658E	
KARACHI THERMAL NUCLEAR POWER PLT HAWKES BAY	PK	245038N 0664708E	S084794
KARLOVO ARMY BARRACKS 1 + HEADQUARTERS	BU	423837N 0244743E	S084788
KASATKA ARMY BARRACKS AL1 CONST ACT INCREASE	UR	450205N 1474547E	S084696
KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL	UR	425255N 0473922E	S085042
KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL	UR	425255N 0473922E	
KATIMA MOLILO MILITARY CAMP DEFENSIVE ACT	WA	172930S 0241730E	S085019
KAZANLUK ARMY BARRACKS 1	BU	423727N 0252217E	S084782
KEMEROVO SOLID MOTOR PRODUCTION PLANT U/C	UR	552500N 0855828E	S084682
KHAWR AL UMAYRAH INFANTRY BATTALIONS	YS	124100N 0440740E	S084729
KHOSROWABAD EARTHQUAKE DESTRUCTION	IR	333150N 0565710E	S085128
KIROVAKAN MILITARY INSTL U/I RADIO RELAY UNIT	UR	404740N 0443112E	S085081
KNYAZHEVO ARMY BARRACKS 1	BU	423957N 0231406E	S084787
KO RI NUCLEAR POWER STATION CONSTRUCTION	KS	371904N 1291738E	S084810
KOIGI AIRFIELD NAVAL RESERVE	UR	585200N 0254340E	S084741

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SUBJECT	COUN	COORD	ACCN NO.
KOMSOMOLSK SHIPYARD AMUR 199 V-2 SSN NEW PROB	UR	503232N 1370248E	5084747
KONSTANTINOVSKIY RADIO RELAY STATION	UR	474227N 0410825E	5085087
KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC	UR	510700N 0284100E	5085113
KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC	UR	510700N 0284100E	
KORSAKOVA AIRFIELD NAVAL RESERVE	UR	463707N 1424907E	5084741
KUSHKAYAVR AIRFIELD NAVAL RESERVE	UR	691507N 0311144E	
KUTLUBAN RADIO RELAY STATION	UR	485700N 0441345E	5085087
KRASNOARMEYSK LASER DEV + TEST LASER/MHD ACT	UR	560723N 0381254E	5084671
KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT	UR	560723N 0381254E	5085047
KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT	UR	560723N 0381254E	
KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROB	UR	560723N 0381254E	5085038
KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROB	UR	560723N 0381254E	
KRASNOARMEYSK ORDNANCE R+D FACILITY	UR	560737N 0381030E	5084807
KRASNOVODSK AIRFIELD FIRING-IN BUTT MODIFIED	UR	400349N 0530025E	5085003
KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA	UR	495401N 0243939E	5084731
KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA	UR	495401N 0243939E	
KREMENCHUG RAILROAD CAR MFG PLT ENGR VEHS NEW	UR	490109N 0332700E	5084744
KRONSHADT NAVAL BASE + SHIPYARD	UR	595910N 0294618E	5084709
KRONSHADT NAVAL BASE + SHIPYARD	UR	595910N 0294618E	
KRONSHADT NAVAL FACILITIES APPROACHES	UR	5959 N 02946 E	5084708
KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA	UR	514957N 1134300E	5084731
KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA	UR	514957N 1134300E	
KUANGCHI SHIPYARD TRUCK PRODUCTION	CH	294940N 1153040E	5084733
KUANGCHI SHIPYARD TRUCK PRODUCTION	CH	294940N 1153040E	
KUANGCHOU SHIPYARD CHUCHIANG YU LIANG LSH U/C	CH	230536N 1131448E	5084833
KUMSONG NI HYDROELECTRIC POWER PLANT U/C	CH	394611N 1262103E	5084738

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SUBJECT	COUN	COORD	ACCN NO.
KUNMING SSM FIELD POSITION CSS-2 EXERCISE	CH	245208N 1025347E	S084825
KUNOVICE AIRFIELD	CZ	490149N 0172628E	S084802
KUNOVICE AIRFRAME PLANT	CZ	490235N 0172618E	
KURA RIVER CROSSING EXERCISE	UR	412448N 0465630E	S085139
KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA	UR	373110N 0684757E	S084731
KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA	UR	373110N 0684757E	
KURILSKIYE OSTROVA MILITARY ACTIVITY INCREASE	UR	482300N 1533600E	S084696
KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT	UR	533215N 0495116E	S084921
KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT	UR	533215N 0495116E	
KUSONG TANK PLANT PUG T-62 TANKS SERIES PROD	KN	400251N 1251241E	S085088
LANG CHI HYDROELECTRIC POWER PLANT RECONST	VM	214446N 1050141E	S084663
LASTOCHKA AIRFIELD NAVAL RESERVE	UR	462326N 1340612E	S084741
LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD	UR	595302N 0301456E	S084816
LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD	UR	595302N 0301456E	
LENINGRAD PHYSICS TECHNICAL INSTITUTE	UR	600044N 0302230E	S085002
LENINGRAD SHIPYARD ADMIRALTY SUB LAUNCH PROB	UR	595502N 0301618E	S084835
LENINGRAD SHIPYARD SUDOMEKH 196 SS ACTIVITY	UR	595541N 0301645E	S084746
LENINGRAD SHIPYARD ZHDANOV 190B CL COMBATANT	UR	595233N 0301406E	S084678
LEONIDOVO AIRFIELD NAVAL RESERVE	UR	491624N 1425539E	S084741
LIDDETTA AIRFIELD MILITARY PARADE PREPARATION	ET	090004N 0384338E	S084827
LIDDETTA AIRFIELD MILITARY PARADE PREPARATION	ET	090004N 0384338E	
LIPETSK IRON + STEEL PLANT	UR	523325N 0393822E	S084955

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SUBJECT COUN COORD ACCN NO.

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MAGADAN SUBMARINE BASE + SHIP REPAIR YARD UR 593218N 1504630E 5084712
 MAGADAN SUBMARINE BASE + SHIP REPAIR YARD UR 593218N 1504630E

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25X1

MANPO UP EXPLOSIVES PLANT KN 410650N 1261615E 5084738
 MANPO UP U/I FACILITY U/C KN 411043N 1261730E
 MARIINSKAYA RADIO RELAY STATION UR 473800N 0414320E 5085087

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25X1

MELEKHOVSKAYA RADIO RELAY STATION NE UR 473120N 0403450E 5085087
 MILITARY, ACTIVITY SOVIET ET 5084937
 MILITARY, ARMORED FORCES EXPANSION 1970-1977 KN 5084669
 MILITARY, ARTILLERY BUILDUP NONDIVISIONAL UR 5084810
 MILITARY, ARTILLERY DIVISIONS SHENYANG MR CH 5084735
 MILITARY, BMD-20 200MM MULTIPLE ROCKET LNCHR UR 5084697
 MILITARY, BM-11 122MM MULTIPLE ROCKET LNCHR KN
 MILITARY, BM-11/21 MULTIPLE ROCKET LAUNCHER KN
 MILITARY, BM-13 132MM MULTIPLE ROCKET LNCHR UR
 MILITARY, BM-14/16 140MM MULTIPLE RKT LNCHR UR
 MILITARY, BM-24 240MM MULTIPLE ROCKET LNCHR UR
 MILITARY, FORCE IMPROVEMENTS SINO/SOVIET BDR UR 5084804
 MILITARY, GROUND FORCES KUANGCHOU MIL REGION CH 5085016
 MILITARY, GROUND FORCES O/B YS 5084729
 MILITARY, MINE-LAYING VEH PROB ARMD TRKD NEW UR 5084680

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TOP SECRET CHESS RUFF

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SUBJECT	COUN	COORD	ACCN NO.
MILITARY, MULTIPLE ROCKET LAUNCHERS	KN		S084697
MILITARY, M-1977 MULTIPLE RKT LNCHR 12 TUBE	KN		
MILITARY, READINESS GRND FORCE BELORUSSIAN MD	UR		S084960
MILITARY, RIVER CROSSING UNITS	KN		S084660
MILITARY, SELF-PROPELLED AA GUN NEW	KN		S085137
MILITARY, SELF-PRPLD ARTY WPN LONG-TUBED NEW	KN		S084934
MILITARY, S-TYPE PONTON BRIDGE NEW	KN		S084660
MILITARY, TATRA-148 CARGO TRUCK 6X6	CZ		S084698
MILITARY, TATRA-148S1 DUMP TRUCK 6X6	CZ		
MILITARY, TATRA-148S3 DUMP TRUCK 6X6	CZ		
MILITARY, T-72 TANK PROD PROBLEMS 1977-1978	UR		S084725
MILITARY, 107MM MULTIPLE ROCKET LNCHR 12 TUBE	KN		S084697
MINHO ARMY BARRACKS AL1	CH	362046N 1024917E	S084772
MIORY AIRFIELD NAVAL RESERVE	UR	553908N 0274155E	S084741
MISSILES, BALLISTIC MISSILE GARRISONS	CH		S084935
MISSILES, BALLISTIC MISSILE SYSTEMS ACTIVITY	UR		S084946
[REDACTED]			
MISSILES, SA-8 TRANSPORTER-ERECTOR-LAUNCHER	UR		S084959
MISSILES, SLBM DEVELOPMENTS	UR		S084938
MISSILES, SRBM TEL PROB NEW	UR		S085127
MISSILES, SS-N-5 DIMENSIONS	UR		S084724
MORSKOY RADIO RELAY STATION	UR	480507N 0423550E	S085087
MUKAYRIS MILITARY BARRACKS AREA INFANTRY BN	YS	135532N 0454000E	S084729

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SUBJECT	COUN	COORD	ACCN No.
MULTAN CHEMICAL FERTILIZER PLANT	PK	301250N 0713230E	S084794
MUSAN IRON ORE CONCENTRATION PLANT EXPANSION	KN	421338N 1291604E	S084738
NAVAL, ACTIVITY SOVIET	ET		S084937
NAVAL, BERTHING FACILITIES U/G	CH		S084936
NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA	UR	464858N 0321252E	S084731
NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA	UR	464858N 0321252E	
NIZHNE CHRISKAYA RADIO RELAY STATION SW	UR	482040N 0430350E	S085087
NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD	UR	575548N 0600526E	S084725
NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD	UR	575548N 0600526E	
NOGINSK BALLISTICS TEST + TRAINING AREA POSS	UR	555320N 0383450E	S084942
NOGINSK BALLISTICS TEST + TRAINING AREA POSS	UR	555320N 0383450E	
NOUADHIBOU RAILROAD STA YD/SHOPS TRAIN DERAIL	MR	204925N 0170234W	S085037
NOVAYA AIRFIELD NAVAL RESERVE	UR	464226N 1425225E	S084741

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NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE	UR	551616N 0830133E	S084670
NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE	UR	551616N 0830133E	
NOVOSIBIRSK MOBILE IRBM BASE SS-20 TRNG EXER	UR	551904N 0831001E	
NOVOSIBIRSK NAVAL MISSILE TRSHPMT STORAGE CTR	UR	551338N 0825942E	S084841
NOVYY KOGACHIK RADIO RELAY STATION	UR	484025N 0440332E	S085087

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TOP SECRET CHESS RUFF

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SUBJECT	COUN	COORD	ACCN NO.
NUCLEAR, TEST SITES SUPPORT FACILITIES	UR		S084666
NYANGI AIRFIELD FITTER SU-17 COUNT	UR	504034N 1060833E	S085082
OKBA IBN NAFA AIRFIELD FOXBAT A MIG-25 IDENT	LY	325346N 0131632E	S084817
OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 COUNTS	LY	325346N 0131632E	S085043
OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 DELIVERY	LY	325346N 0131632E	S084819
OLENYA GUBA SUBMARINE RPR BASE FLTG DRYDOCK	UR	691250N 0331745E	S084799
ORDZHONIKIDZE AVTOKOLONNA 1210	UR	430300N 0444040E	S085138
ORSHA AIRFIELD SW BADGER TU-16 LRA FORCE	UR	542622N 0301747E	S084941
PAENGMA RI PETROLEUM REFINERY U/C	KN	400420N 1243245E	S084738
PAENGMA RI/TANTUNG POL PIPELINE EXPANSION	KN	400340N 1243445E	
PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK	UR	691156N 0332456E	S084799
PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK	UR	691156N 0332456E	
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT EXPSN	UR	483401N 0354912E	S084683
PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPSN	CH	394849N 1160805E	S084798
PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW	UR	580145N 0561708E	S084830
PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW	UR	580145N 0561708E	
PETROPAVLOVSK ARMY BKS AL24 ARTY UNITS NEW	UR	530344N 1583812E	S085046
PETROPAVLOVSK NAVAL BASE HYDROACOUSTIC DEVICE	UR	525740N 1583945E	S085135
PETROPAVLOVSK NAVAL BASE/SHPYD FLTG DRYDOCKS	UR	525358N 1582607E	S084799
PETROPAVLOVSK NAVAL BASE/SHPYD FLTG DRYDOCKS	UR	525358N 1582607E	
PETROPAVLOVSK SHIPYARD/NAV HYDROACOUSTIC DVC	UR	525358N 1582607E	S085111
PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL	UR	525455N 1582952E	S085109
PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL	UR	525455N 1582952E	

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SUBJECT	COUN	COORD	ACCN No.
PETROVKA NAVAL BASE + SHIPYARD	UR	430703N 1322017E	5085012
PETROVKA NAVAL BASE + SHIPYARD	UR	430703N 1322017E	
PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS	UR	430703N 1322017E	5084799
PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS	UR	430703N 1322017E	
PHU THO CHEMICAL FERTILIZER PLANT RECONST	VM	212000N 1051720E	5084663
PIHYON UP MANUFACTURING PLANT U/I PUG	KN	395730N 1243910E	5084738
PLESETSK MTC ICBM SITE 14 TYPE 3E SILO CONV	UR	625816N 0413342E	5085035
POCHENTONG AIRFIELD BEAGLE IL-28 IDENT	CB	113246N 1045052E	5085123
POLOTSK MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	552440N 0283351E	5084662
POLTAVA AIRFIELD BADGER TU-16 LRA FORCE	UR	493740N 0342923E	5084941
POSTAVY MRBM COMMAND POST BKR SS-20 RLTD ACT	UR	550926N 0265413E	5084662
POSTAVY MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	550910N 0265220E	

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POVORINO AIRFIELD	UR	511015N 0421400E	5085084
PRETORIA AERONAUTICAL RSCH/DSGN CPLX SCIENTA	SF	2544 S 02810 E	5084737
PRILUKI AIRFIELD BADGER TU-16 LRA FORCE	UR	503434N 0321901E	5084941
PROKHLADNYY AVTOKOLONNA 1438	UR	434554N 0440048E	5085078
PROVIDENIYA ARMY BARRACKS AL1 + HQ BRIGADE	UR	642454N 1731234W	5084933
PROVIDENIYA PORT FACILITIES T-4 CLASS LCM	UR	642543N 1731407W	
PUKCHANG THERMAL POWER PLANT	KN	393453N 1261820E	5084738
PYONGYANG MANEUVER AREA SE FROG ACTIVITY	KN	385650N 1255400E	5085040

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TOP SECRET CHESS RUFF

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SUBJECT	COUN	COORD	ACCN NO.
ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK	UR	690145N 0330356E	S084799
ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK	UR	690145N 0330356E	
RYAZAN/DYAGILEVO AIRFIELD BADGER LRA FORCE	UR	543830N 0393412E	S084941
SAINT LUCIA MISSILE TEST RANGE	SF	280118S 0322649E	S084791
SALAH AL DIN MILITARY BARRACKS	YS	1245 N 04452 E	S084729
SAN ANTONIO DE LOS BANOS AIRFIELD A/C DISPLAY	CU	225216N 0823034W	S085119
SAN ANTONIO DE LOS BANOS AIRFIELD HANGARETTES	CU	225216N 0823034W	S084943
SANTA CLARA AIRFIELD HANGARETTES CONSTRUCTION	CU	222932N 0795630W	
SAO JOSE DOS CAMPOS ARMORED VEH PLANT ENGESA	BR	230845S 0454659W	S084808
SARY SHAGAN MTC COMPLEX G SH-EL-2 TOWER MTD	UR	455149N 0732352E	S084832
SARY SHAGAN MTC CPLX G SQUARE PAIR ANT SEARCH	UR	455149N 0732352E	S084673
SARY SHAGAN MTC ELECTRONICS TEST FAC ANT SRCH	UR	455100N 0733500E	

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TOP SECRET CHESS RUFF

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SUBJECT	COUN	COORD	ACCN No.
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SERPUKHOV SSM ENGR RSCH/TRNG WHD MATING EXER	UR	545401N 0372301E	S084668
SEVASTOPOL NAVAL BASE/SHIPYARD KILNBALOCHNAY	UR	443655N 0333318E	S084705
SEVASTOPOL NAVAL BASE/SHIPYARD KILNBALOCHNAY	UR	443655N 0333318E	
SEVASTOPOL NAVAL FACILITIES APPROACHES EAST	UR	443700N 0333600E	S084703
SEVASTOPOL NAVAL MISSILE SUPPORT FACILITY	UR	443733N 0333321E	S084706
SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE	UR	443732N 0333501E	S084707
SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE	UR	443732N 0333501E	
SEVASTOPOL SHIP REPAIR YARD PANAIOTOVA GUBA	UR	443745N 0333306E	S084704
SEVERODVINSK SHIPYARD YAGRY OSTROV Y CL SSBN	UR	643514N 0394907E	S085115
SEVERODVINSK SHIPYARD YAGRY SHIPLIFTING BASIN	UR	643514N 0394907E	S084799
SEVERODVINSK SHIPYARD 402 G CLASS SSB MODIF	UR	643438N 0394832E	S084742
SEVERODVINSK SHIPYARD 402 G-1 CLASS SSB CONV	UR	643438N 0394832E	S084806
SEVERODVINSK SHIPYARD 402 LAUNCH BASIN	UR	643438N 0394832E	S084799
SEVERODVINSK SHIPYARD 402 SUB BOW CMPNT POSS	UR	643438N 0394832E	S085116
SHANGHAI SHIPYARD KIANGNAN SUBMARINE PROD	CH	311205N 1212901E	S084733
SHANGHAI SOLAR POWER PLANT EXPERIMENTAL IDENT	CH	311800N 1213248E	S084810
SHCHELKOVO COSMONAUT TRAINING FACILITY	UR	555233N 0380654E	S084923
SHIHTSUISHAN ARMY BARRACKS AL1	CH	391223N 1061854E	S084774
SHIHTSUISHAN ARMY BARRACKS AL2/DEFENSIVE AREA	CH	392030N 1061701E	S084776
SHIHTSUISHAN ARMY BARRACKS AL3/DEFENSIVE AREA	CH	391532N 1061040E	S084777
SHIHTSUISHAN ARMY BARRACKS AL4	CH	391342N 1061523E	S084779

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TOP SECRET CHESS RUFF

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SUBJECT	COUN	COORD	ACCN NO.
SHIHTSUISHAN ARMY BARRACKS AL5	CH	391145N 1061950E	S084775
SHIHTSUISHAN DEFENSIVE AREA 2	CH	391640N 1061902E	S084780
SHIHTSUISHAN MILITARY AREA	CH	3916 N 10616 E	S084773

SHIPS, AIST CLASS LCAA MODIFIED	UR		S084665
SHIPS, KASHIN CLASS DDG VARIABLE DEPTH SONAR	UR		S084736
SHIPS, KRIVAK-1 CL FFG VARIABLE DEPTH SONAR	UR		
SHIPS, LANDING SHIP NEW CLASS	CH		S084829
SHIPS, PETYA-1 CLASS FFL VARIABLE DEPTH SONAR	UR		S084736
SHIPS, SSBN OUT-OF-WATER WORK PSTNS SALT RLTD	UR		S084799
SHIPS, SUBMARINE PRODUCTION FEB 1976/MAY 1978	CH		S084733
SHIPS, 189A CLASS TOWER MAST ANT MOUNT POSS	UR		S084836
SHIPS, 190B CLASS COMBATANT NEW U/C	UR		S084678
SHIPS, 196C CLASS SS POSS	UR		S084746
SHIPS, 402S CLASS SSB SLBM TEST PLATFORM PROB	UR		S084806
SHUANGCHENG TZO MTC ICBM SITE B1 SVC TWR MODIF	CH	411828N 1001854E	S084734
SHUANGCHENG TZO MTC SAM COMPLEX CSA-X-2/TEL	CH	410430N 1003110E	S085117
SHUANGCHENG TZO MTC SAM TRACKING FAC 1 VEH ACT	CH	410436N 1003000E	
SHUMEN ARMY BARRACKS NE 2/3	BU	431645N 0265540E	S084784
SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV	EG	311200N 0255420E	S084837
SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV	EG	311200N 0255420E	
SIGA MEDA MILITARY TRNG CAMP TANK/APC IDENT	ET	090126N 0383856E	S085044

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SUBJECT	COUN	COORD	ACCN NO.
SIMUSHIR MILITARY INSTALLATION PROB CONST ACT	UR	471020N 1521605E	5084696
SINHUNG ARMORED VEH ASBLY PLT SP AA GUN NEW	KN	401158N 1273608E	5085137
SKIERNIEWICE ARMY BARRACKS 4	PL	515900N 0202138E	5085079
SKIERNIEWICE STORAGE FACILITY PROB POL RLTD	PL	515900N 0202100E	
SLAVYANKA SHIP REPAIR YARD FLOATING DRYDOCKS	UR	425200N 1312326E	5084799
SLIVEN ARMY BARRACKS 1/2/5/6/7	BU	424022N 0262026E	5084783
SMORGON IRBM COMMAND POST BKR SS-20 RLTD ACT	UR	543202N 0261747E	5084662
SMORGON IRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	543120N 0261720E	
SOFIYA ARMY BARRACKS 1	BU	424010N 0232241E	5084786
SOVETSKAYA GAVAN RESERVE FLEET BASE	UR	490048N 1401341E	5084840
SOVETSKAYA GAVAN SUBMARINE BASE	UR	490125N 1401531E	5084839
SPACE, SATELLITE SYSTEMS MILITARY SUPPORT	UR		5084939
SPASSK DALNIY AIRFIELD EAST BADGER LRA FORCE	UR	443643N 1325302E	5084941
SRI HARIKOTA ISLAND ROCKET LNCH STA FAN SONG	IN	134100N 0801340E	5084818
STAROSYSOYEVKA ARMY BARRACKS AL1	UR	441150N 1331900E	5085021
STEPANAVAN ARMY BARRACKS AL3	UR	405735N 0442520E	5085085
STRELOK ZALIV SUBMARINE BASE SUBMARINE DPL	UR	425212N 1323136E	5085110
STRYY AIRFIELD BADGER TU-16 LRA FORCE	UR	491443N 0234726E	5084941
SUEZ CANAL SPECIAL AREA 1203 MECH INF BRIGADE	EG	301800N 0315700E	5084821
SUNCHON CEMENT PLANT EAST U/C	KN	392630N 1260130E	5084738
SUNGLIN MTC	CH	281420N 1020149E	5084926
SUNGLIN MTC LAUNCH SITE SUSP U/C	CH	281155N 1020337E	
SUNGLIN MTC MAIN SUPPORT BASE	CH	281140N 1020653E	
SUNGLIN MTC MISSILE ASSEMBLY/CHECKOUT FACIL	CH	281307N 1020132E	

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SUBJECT	COUN	COORD	ACCN NO.
SUQUTRA ISLAND MILITARY ACTIVITY	YS	1238 N 05354 E	S084729
SUROK NAVAL MISSILE TRANSSHIPMENT STORAGE CTR	UR	562747N 0480919E	S084789
TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS	IR	333636N 0565724E	S085120
TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS	IR	333636N 0565724E	
TABAS EARTHQUAKE DAMAGE	IR	333545N 0565525E	S085122
TABAS EARTHQUAKE DAMAGE	IR	333545N 0565525E	S085121
TAEAN NODONGJAGU ELECTRICAL EQUIP PLANT PUG	KN	385007N 1253115E	S084738
TAGANROG AIRFRAME PLANT 86 BERIYEV DESIGN BUR	UR	471150N 0385220E	S084922
TANCHON MAGNESIA PLANT CONSTRUCTION	KN	402520N 1285458E	S084738
TANTUNG/PAENGMA RI POL PIPELINE EXPANSION	CH	401230N 1242248E	
TARABULUS MILITARY VEH STGE AIR DEF STGE DPO	LY	325002N 0131959E	S085034
TARABULUS PORT FACILITIES	LY	325408N 0131127E	S085008
TARABULUS PORT FACILITIES ARMS DELIVERY SOV	LY	325408N 0131127E	S085130
TARABULUS PORT FACILITIES ARMS DELIVERY SOV	LY	325408N 0131127E	
TARABULUS PORT FACILITIES FROG-7 EQUIP	LY	325408N 0131127E	S085108
TARABULUS PORT FACILITIES FROG-7 EQUIP	LY	325408N 0131127E	
TARTU AIRFIELD BADGER TU-16 LRA FORCE	UR	582417N 0264624E	S084941
TATISHCHEVO SSM COMPLEX LCF II CONST ACTIVITY	UR	521420N 0452311E	S084838
TATISHCHEVO SSM COMPLEX LCF KK CONST RESUMED	UR	515043N 0460751E	S084834
TAWUKOU ARMY BARRACKS AL1	CH	390710N 1062255E	S084778
TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA	UR	452824N 0400005E	S084731
TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA	UR	452824N 0400005E	
TEREKTY ASM IMPACT AREA	UR	481515N 0483140E	S084659
TEREKTY ASM IMPACT AREA OPERATIONS CTRL CTR	UR	480958N 0483624E	
THAI NGUYEN IRON ORE PROCESSING PLANT RECONST	VM	213518N 1055734E	S084663

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SUBJECT	COUN	COORD	ACCU NO.
THAI NGUYEN IRON + STEEL COMBINE RECONST	VM	213337N 1055227E	
THAI NGUYEN STEEL ROLLING MILL RECONSTRUCTION	VM	2133 N 10552 E	
THAI NGUYEN THERMAL POWER PLANT RECONST	VM	213636N 1054906E	
THAMUD MILITARY ACTIVITY	YS	1721 N 04958 E	5084729
TINDOUF SAHARAN REFUGEE CAMPS	AG	2740 N 00809 W	5084726
TINH TUC TIN MINING COMPLEX RECONSTRUCTION	VM	223935N 1055238E	5084663
[REDACTED]			
TSELINOGRAD ARMY BARRACKS AL1	UR	511052N 0712313E	5085029
TYURATAM MTC CONSTRUCTION ACT U/I EXTENSIVE	UR	460021N 0631833E	5085131
TYURATAM MTC ICBM SITE L3 TYPE 3H SILO MODIF	UR	460425N 0630503E	5084730
TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGL	UR	455850N 0630556E	5085106
TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE	UR	455850N 0630556E	5085112
TYURATAM MTC SPACE SITE U1 SL-12 LAUNCH PREP	UR	460214N 0630212E	5084752
UKHTA RADIO RELAY + TV BROADCAST CENTER	UR	633420N 0533940E	5078363
UKHTA RADIO RELAY + TV BROADCAST CENTER	UR	633420N 0533940E	
ULAANBAATAR ARMY BARRACKS AL1	UG	475530N 1065930E	5085005
UMBOZERO AIRFIELD NAVAL RESERVE	UR	673058N 0341838E	5084741
UMBOZERO AIRFIELD SOUTH NAVAL RESERVE	UR	672242N 0341331E	
UNGGI PETROLEUM REFINERY EXPANSION	KN	421839N 1302104E	5084738
USSURIYSK/VOZDVIZHENKA AFLD BADGER LRA FORCE	UR	435425N 1315547E	5084941
UZHUR ICBM SITE 26E WARHEAD HANDLING OP	UR	551911N 0895727E	5085036
VALHALLA AIRCRAFT ENGINE TEST FACILITY	UF	254745S 0280850E	5084737
VIET TRI CHEMICAL PLANT RECONSTRUCTION	VM	211805N 1052505E	5084663
VIET TRI TEXTILE PLANT	VM	2118 N 10526 F	
VIET TRI THERMAL POWER PLANT RECONSTRUCTION	VM	211757N 1052526E	

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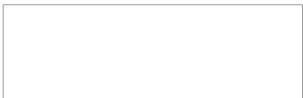
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SUBJECT	COUN	COORD	ACCN No.
VLADIMIROVKA ADVANCED WPNS CPLX FAD-699/707	UR	4818 N 04613 E	5084739
VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK	UR	430643N 1315427E	5084799
VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK	UR	430643N 1315427E	
VLADIVOSTOK SHIPYARD ULIS BUKHTA	UR	430504N 1315525E	5084711
VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION	UR	473050N 0311522E	5084743
VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION	UR	473050N 0311522E	
WAH ARSENAL PAKISTAN ORDNANCE FACILITY	PK	334610N 0724612E	5084794
WOLSONG NUCLEAR POWER STATION CONSTRUCTION	KS	354237N 1292837E	5084810
WUHAN IRON + STEEL PLANT	CH	303734N 1142627E	5084947
WUHAN SHIPYARD WUCHANG SUBMARINE PRODUCTION	CH	303158N 1141713E	5084733
YAMBOL ARMY BARRACKS 1	BU	422901N 0263120E	5085028
YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT	UR	514238N 0291224E	5084812
YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT	UR	514238N 0291224E	
YOSU EXPLOSIVLS + MUNITIONS PLANT	KS	345150N 1274530E	5084676
YUGO KONEVO GLOPHYSICAL EXPMT SITE MHD GENR	UR	560733N 0611535E	5084727
YUNGTENG ARMY BARRACKS AL1 + HQ ARTILLERY DIV	CH	364237N 1031616E	5084769
YUNGTENG ARMY BARRACKS SSE AL2	CH	364052N 1031713E	5084770
YUNGTENG ARMY BARRACKS SSE AL3	CH	364031N 1031721E	5084771
YUNGTENG MILITARY AREA	CH	3643 N 10317 E	5084768
YUZHNO KURILSK ARMY BARRACKS WNW NEW IDENT	UR	440302N 1454729E	5084696
ZAPOROZHYE MOTOR VEHICLL PLANT KOMMUNAR	UR	474801N 0351054E	5084792
ZAVITINSK AIRFIELD NE BADGER TU-16 LRA FORCE	UR	501132N 1293006E	5084941
ZAVITINSK MILITARY BARRACKS AL1 MKD NEW IDENT	UR	500539N 1292539E	5085072

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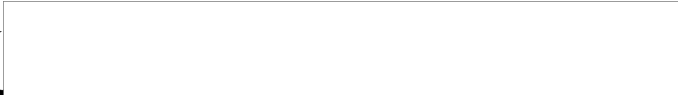
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SUBJECT	COUN	COORD	ACCN No.
ZELENODOLSK SHIPYARD 340 KONI CLASS FFG U/C	UR	555011N 0483008E	5084679

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PART II

Listing of Reports by Originator

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
AF	DSIIR	RTL05-3001-78	27 JUL 78	14	S084943
AF	PAR	536-78	29 JUN 78	13	S084921
AF	PAR	618-78	27 JUN 78	13	S084922
AF	PAR	619-78	19 JUL 78	13	S084923
AF	PAR	620-78	26 JUN 78	13	S084924
AF	PAR	623-78	26 JUN 78	13	S084925
AF	PAR	624-78	11 JUL 78	13	S084926
AF	PAR	625-78	28 JUN 78	13	S084927
AF	PAR	626-78	27 JUN 78	13	S084928
AF	PAR	628-78	28 JUN 78	13	S084929
AF	PAR	629-78	26 JUL 78	13	S084930
AF	PAR	632-78	10 JUL 78	13	S084931
AF	PAR	651-78	07 AUG 78	13	S084932
AF	STDY	AEDCSW-01-02-78	APR 78	14	S084942
ARMY	BIIB	BAC24-5002-78	SEP 78	08	S084665
ARMY	BIIR	RAC24-0003-78	MAY 78	14	S084697
ARMY	BIIR	RAC24-5004-78	JUL 78	08	S084698
CIA	BIIR	RCS13-0011-78	AUG 78	05	S084809
CIA	BIIR	RCS13-0012-78	AUG 78	05	S084955
CIA	BIIR	RCS13-0013-78	AUG 78	14	S085017
CIA	BIIR	RCS13-0014-78	AUG 78	13	S084956
CIA	BIIR	RCS16-0001-78	JUL 78	25	S084659

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
CIA	INFR	TSD008-78	08 AUG 78	13	S084724
CIA	INFR	IS10191-78	04 AUG 78	05	S084736
CIA	INFR	IS10170K-78	01 AUG 78	13	S084737
CIA	INFR	IS10181K-78	03 AUG 78	13	S084725
CIA	INFR	IS10182K-78	22 AUG 78	13	S084741
CIA	INFR	IS10183K-78	27 JUL 78	13	S084727
CIA	INFR	IS10186K-78	01 AUG 78	13	S084738
CIA	INFR	IS10187K-78	08 AUG 78	13	S084728
CIA	INFR	IS10189K-78	25 JUL 78	13	S084733
CIA	INFR	IS10195K-78	14 AUG 78	13	S084731
CIA	INFR	IS10197K-78	04 AUG 78	13	S084726
CIA	INFR	IS10198J-78	03 AUG 78	24	S084735
CIA	INFR	IS10200J-78	03 AUG 78	24	S084734
CIA	INFR	IS10201K-78	14 AUG 78	13	S084732
CIA	INFR	IS10202K-78	11 AUG 78	14	S084739
CIA	INFR	IS10208K-78	11 AUG 78	14	S084729
CIA	INFR	IS10209K-78	14 AUG 78	13	S084730
CIA	INFR	IS10212K-78	17 SEP 78	13	S084740
CIA	IRP	IS10117K-78	AUG 78	13	S084799
CIA	IRP	IS10118J-78	JUL 78	25	S084663
CIA	IRP	IS10119K-78	JUL 78	13	S084660

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
CIA	IRP	IS10144J-78	JUL 78	25	S084676
CIA	IRP	IS10151J-78	JUL 78	25	S084669
CIA	IRP	IS10205J-78	AUG 78	24	S084791
CIA	NOTE	ISSN006J-78	JUL 78	25	S084810
DIA	BIIR	RDA05-0020-77	AUG 78	14	S084803
DIA	BIIR	RDA11-0006-77	AUG 78	14	S084801
DIA	BIIR	RDA11-0011-77	AUG 78	14	S084802
DIA	BIIR	RDA11-0014-77	AUG 78	14	S084792
DIA	BIIR	RDA11-0020-77	AUG 78	14	S084805
DIA	BIIR	RDA11-0024-77	AUG 78	14	S084807
DIA	IAPPR	187-78	08 AUG 78	25	S084933
DIA	IAPPR	196-78	16 AUG 78	14	S084934
DIA	IAPPR	200-78	19 AUG 78	25	S084935
DIA	IAPPR	205-78	26 AUG 78	13	S084936
DIA	IAPPR	207-78	31 AUG 78	14	S084937
DIA	IIM	5B1-09697-78	22 SEP 78	05	S085086
DIA	IIM	5B1-59506-78	19 SEP 78	14	S085085
DIA	IIM	5B1-59525-78	18 SEP 78	14	S085081
DIA	IIM	5B1-59536-78	20 SEP 78	14	S085079
DIA	IIM	5B1-59540-78	SEP 78	14	S085080
DIA	IIM	5B1-59585-78	78 SEP 78	14	S085078
DIA	IIM	5B1-59586-78	26 SEP 78	14	S085004

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
DIA	IIM	5B1-59605-78	28 SEP 78	13	S085005
DIA	IIM	5B1-59606-78	20 SEP 78	14	S085138
DIA	IIM	5B1-59607-78	28 SEP 78	14	S085139
DIA	IIM	5B1-59699-78	28 SEP 78	14	S085140
DIA	IIM	5B3-58950-78	27 SEP 78	13	S085003
DIA	IIM	5B3-59523-78	15 SEP 78	13	S085084
DIA	IIM	5B3-59524-78	18 SEP 78	13	S085083
DIA	IIM	5B3-59526-78	15 SEP 78	13	S085077
DIA	IIM	5B3-59527-78	15 SEP 78	13	S085082
DIA	IIM	5B3-59706-78	27 SEP 78	13	S085002
DIA	NBRG	NDA06-5082-77	18 AUG 78	05	S084703
DIA	NBRG	NDA06-5083-77	18 AUG 78	05	S084704
DIA	NBRG	NDA06-5084-77	18 AUG 78	05	S084705
DIA	NBRG	NDA06-5085-77	18 AUG 78	05	S084706
DIA	NBRG	NDA06-5086-77	18 AUG 78	05	S084707
DIA	NBRG	NDA06-5123-77	18 AUG 78	05	S084789
DIA	NBRG	NDA06-5124-77	18 AUG 78	05	S084841
DIA	NBRG	NDA06-5125-77	17 AUG 78	05	S084710
DIA	NBRG	NDA06-5126-77	28 AUG 78	05	S085006
DIA	NBRG	NDA06-5127-77	28 AUG 78	05	S085007
DIA	NBRG	NDA06-5128-77	28 AUG 78	05	S085008

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
DIA	NBRG	NDA06-5129-77	18 AUG 78		05	S084708
DIA	NBRG	NDA06-5130-77	17 AUG 78		05	S084709
DIA	NBRG	NDA06-5131-77	17 AUG 78		05	S084711
DIA	NBRG	NDA06-5132-77	17 AUG 78		05	S084712
DIA	NBRG	NDA06-5133-77	17 AUG 78		05	S084839
DIA	NBRG	NDA06-5134-77	17 AUG 78		05	S084840
DIA	NBRG	NDA07-5117-78	25 AUG 78		05	S084790
DIA	NBRG	NDA07-5118-78	25 AUG 78		05	S084781
DIA	NBRG	NDA07-5119-78	25 AUG 78		05	S084782
DIA	NBRG	NDA07-5120-78	25 AUG 78		05	S084783
DIA	NBRG	NDA07-5121-78	25 AUG 78		05	S084784
DIA	NBRG	NDA07-5122-78	25 AUG 78		05	S084785
DIA	NBRG	NDA07-5123-78	25 AUG 78		05	S084786
DIA	NBRG	NDA07-5124-78	25 AUG 78		05	S084787
DIA	NBRG	NDA07-5125-78	25 AUG 78		05	S084788
DIA	NBRG	NDA07-5132-78	20 SEP 78		05	S085024
DIA	NBRG	NDA07-5133-78	20 SEP 78		05	S085025
DIA	NBRG	NDA07-5134-78	25 AUG 78		05	S084768
DIA	NBRG	NDA07-5135-78	25 AUG 78		05	S084769
DIA	NBRG	NDA07-5136-78	25 AUG 78		05	S084770
DIA	NBRG	NDA07-5137-78	25 AUG 78		05	S084771
DIA	NBRG	NDA07-5138-78	25 AUG 78		05	S084772

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ORIG	TYPE	REPT NO.	DATE	CONTROL NO.	SEC CLASS	ACCN NO.
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DIA	NBRG	NDA07-5140-78	25 AUG 78		05	S084774
DIA	NBRG	NDA07-5141-78	25 AUG 78		05	S084775
DIA	NBRG	NDA07-5142-78	25 AUG 78		05	S084776
DIA	NBRG	NDA07-5143-78	25 AUG 78		05	S084777
DIA	NBRG	NDA07-5144-78	25 AUG 78		05	S084778
DIA	NBRG	NDA07-5145-78	25 AUG 78		05	S084779
DIA	NBRG	NDA07-5146-78	25 AUG 78		05	S084780
DIA	NBRG	NDA07-5147-78	20 SEP 78		05	S085026
DIA	NBRG	NDA07-5148-78	20 SEP 78		05	S085027
DIA	NBRG	NDA07-5149-78	20 SEP 78		05	S085028
DIA	NBRG	NDA07-5150-78	20 SEP 78		05	S085021
DIA	NBRG	NDA07-5151-78	20 SEP 78		05	S085022
DIA	NBRG	NDA07-5152-78	20 SEP 78		05	S085023
DIA	NBRG	NDA07-5153-78	20 SEP 78		05	S085029
DIA	NBRG	NDA07-5154-78	20 SEP 78		05	S085030
DIA	NBRG	NDA07-5155-78	20 SEP 78		05	S085031
DIA	STDY	DDB1100-192-78	AUG 78		25	S084960
DIA	STDY	DST1000C-549-78	25 AUG 78		25	S084946
DIA	STDY	DST1020C-587-78	01 JUL 78		24	S084938
DIA	STDY	DST1050D-918-78	21 AUG 78		14	S084940

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
DIA	STDY	DST1430S-024-78	13 JUL 78	25	S084939
DMA	STDY	[REDACTED]	14 AUG 78	25	S084948
DOD	STDY	1710-260-012-78	JUN 78	24	S084961
NPIC	BIIR	RCA03-0002-78	JUL 78	25	S084664
NPIC	BIIR	RCA09-0019-78	JUL 78	14	S085012
NPIC	BIIR	RCA09-0022-78	AUG 78	25	S084793
NPIC	BIIR	RCA09-0023-78	AUG 78	25	S084953
NPIC	BIIR	RCA09-0024-78	SEP 78	14	S085014
NPIC	BIIR	RCA14-0003-78	AUG 78	25	S084794
NPIC	BIIR	RCA14-0004-78	AUG 78	14	S084674
NPIC	BIIR	RCA14-0005-78	AUG 78	25	S085013
NPIC	BIIR	RCA17-0005-78	SEP 78	25	S085018
NPIC	BIIR	RCA20-0004-78	AUG 78	25	S084672
NPIC	BRAD	[REDACTED]	AUG 78	14	S084742
NPIC	BRAD	[REDACTED]	AUG 78	14	S084743
NPIC	BRAD	[REDACTED]	AUG 78	14	S084744
NPIC	BRAD	[REDACTED]	AUG 78	14	S084745
NPIC	BRAD	[REDACTED]	AUG 78	14	S084746
NPIC	BRAD	[REDACTED]	AUG 78	14	S084747
NPIC	BRAD	[REDACTED]	AUG 78	14	S084748
NPIC	BRAD	[REDACTED]	AUG 78	14	S084749
NPIC	BRAD	[REDACTED]	AUG 78	14	S084752

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ORIG	TYPE	DATE	SEC CLASS	ACCN NO.
NPIC	BRAD	AUG 78	14	5084814
NPIC	BRAD	AUG 78	14	5084815
NPIC	BRAD	AUG 78	14	5084816
NPIC	BRAD	16 AUG 78	14	5084817
NPIC	BRAD	AUG 78	14	5084818
NPIC	BRAD	17 AUG 78	14	5084819
NPIC	BRAD	AUG 78	14	5084820
NPIC	BRAD	AUG 78	14	5084821
NPIC	BRAD	AUG 78	14	5084822
NPIC	BRAD	AUG 78	14	5084823
NPIC	BRAD	18 AUG 78	14	5084824
NPIC	BRAD	AUG 78	14	5084825
NPIC	BRAD	AUG 78	14	5084826
NPIC	BRAD	AUG 78	14	5084827
NPIC	BRAD	AUG 78	14	5084828
NPIC	BRAD	AUG 78	14	5084829
NPIC	BRAD	AUG 78	14	5084830
NPIC	BRAD	AUG 78	14	5084831
NPIC	BRAD	AUG 78	14	5084832
NPIC	BRAD	AUG 78	14	5084833
NPIC	BRAD	AUG 78	14	5084834

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ORIG	TYPE	DATE	SEC CLASS	ACCN NO.
NPIC	BRAD	AUG 78	14	5084835
NPIC	BRAD	AUG 78	14	5084836
NPIC	BRAD	AUG 78	14	5084837
NPIC	BRAD	AUG 78	14	5084838
NPIC	BRAD	AUG 78	14	5085033
NPIC	BRAD	AUG 78	14	5085034
NPIC	BRAD	SEP 78	14	5085035
NPIC	BRAD	SEP 78	14	5085036
NPIC	BRAD	SEP 78	14	5085037
NPIC	BRAD	SEP 78	14	5085038
NPIC	BRAD	SEP 78	14	5085039
NPIC	BRAD	SEP 78	14	5085040
NPIC	BRAD	SEP 78	14	5085041
NPIC	BRAD	SEP 78	14	5085042
NPIC	BRAD	SEP 78	14	5085043
NPIC	BRAD	SEP 78	14	5085044
NPIC	BRAD	SEP 78	14	5085045
NPIC	BRAD	SEP 78	14	5085046
NPIC	BRAD	SEP 78	14	5085047
NPIC	BRAD	SEP 78	14	5085048
NPIC	BRAD	SEP 78	14	5085106
NPIC	BRAD	SEP 78	14	5085107

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ORIG	TYPE	DATE	SEC CLASS	ACCN NO.
NPIC	BRAD	SEP 78	14	S085108
NPIC	BRAD	SEP 78	14	S085109
NPIC	BRAD	SEP 78	14	S085110
NPIC	BRAD	SEP 78	14	S085111
NPIC	BRAD	SEP 78	14	S085112
NPIC	BRAD	SEP 78	14	S085113
NPIC	BRAD	SEP 78	14	S085114
NPIC	BRAD	SEP 78	14	S085115
NPIC	BRAD	SEP 78	14	S085116
NPIC	BRAD	SEP 78	14	S085117
NPIC	BRAD	SEP 78	14	S085118
NPIC	BRAD	SEP 78	14	S085119
NPIC	BRAD	SEP 78	14	S085120
NPIC	BRAD	SEP 78	14	S085121
NPIC	BRAD	SEP 78	14	S085122
NPIC	BRAD	SEP 78	14	S085123
NPIC	BRAD	SEP 78	14	S085124
NPIC	BRAD	SEP 78	14	S085126
NPIC	BRAD	SEP 78	14	S085127
NPIC	BRAD	SEP 78	14	S085128
NPIC	BRAD	SEP 78	14	S085125

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ORIG	TYPE		DATE		SFC CLASS	ACCN NO.
NPIC	BRAD		SEP 78		14	S085129
NPIC	BRAD		SEP 78		14	S085130
NPIC	BRAD		SEP 78		14	S085131
NPIC	BRAD		SEP 78		14	S085132
NPIC	BRAD		SEP 78		14	S085133
NPIC	BRAD		SEP 78		14	S085134
NPIC	BRAD		SEP 78		14	S085135
NPIC	BRAD		SEP 78		14	S085136
NPIC	BRAD		SEP 78		14	S085137
NPIC	IIR	IIR048-78	28 JUL 78		14	S084667
NPIC	IIR	IIR049-78	04 AUG 78		14	S084677
NPIC	IIR	IIR050-78	08 AUG 78		14	S084675
NPIC	IIR	IIR051-78	04 AUG 78		14	S084680
NPIC	IIR	IIR052-78	07 AUG 78		14	S084679
NPIC	IIR	IIR053-78	07 AUG 78		14	S084678
NPIC	IIR	IIR054-78	09 AUG 78		14	S084671
NPIC	IIR	IIR055-78	11 AUG 78		14	S084699
NPIC	IIR	IIR056-78	14 AUG 78		14	S084700
NPIC	IIR	IIR057-78	17 AUG 78		14	S084798
NPIC	IIR	IIR058-78	AUG 78		14	S084813
NPIC	IIR	IIR059-78	18 AUG 78		14	S084796
NPIC	IIR	IIR060-78	18 AUG 78		14	S084797

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
NPIC	IIR	IIR061-78	24 AUG 78	14	5084812
NPIC	IIR	IIR062-78	25 AUG 78	14	5084808
NPIC	IIR	IIR063-78	30 AUG 78	14	5084958
NPIC	IIR	IIR064-78	30 AUG 78	14	5084957
NPIC	IIR	IIR065-78	31 AUG 78	14	5084952
NPIC	IIR	IIR066-78	06 SEP 78	14	5085011
NPIC	IIR	IIR067-78	19 SEP 78	14	5085072
NPIC	IIR	IIR071-78	22 SEP 78	14	5085088
NPIC	MCS	MCS004-78	AUG 78	14	5084811
NPIC	MEMO		18 JUL 78	13	5084947
NPIC	MEMO		25 SEP 78	14	5085087
NPIC	MEMO		02 OCT 78	14	5078363
NPIC	MEMO		05 OCT 78	13	5084673
NPIC	PIR	PIR030-78	JUL 78	14	5084666
NPIC	PIR	PIR035-78	AUG 78	14	5084670
NPIC	PIR	PIR036-78	AUG 78	25	5084695
NPIC	PIR	PIR037-78	AUG 78	14	5084800
NPIC	PIR	PIR038-78	AUG 78	14	5084804
NPIC	PIR	PIR039-78	AUG 78	14	5084795
NPIC	PIR	PIR040-78	SEP 78	25	5085016
NPIC	SR	SR055-78	AUG 78	14	5084662

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ORIG	TYPE	REPT NO.	DATE	SEC CLASS	ACCN NO.
NPIC	SR	SR056-78	JUL 78	14	5084661
NPIC	SR	SR057-78	AUG 78	14	5084682
NPIC	SR	SR058-78	AUG 78	14	5084668
NPIC	SR	SR059-78	AUG 78	14	5084683
NPIC	SR	SR060-78	AUG 78	14	5084681
NPIC	SR	SR061-78	JUL 78	25	5084696
NPIC	SR	SR062-78	AUG 78	14	5084806
NPIC	SR	SR063-78	SEP 78	14	5085015
NPIC	SR	SR064-78	SEP 78	14	5085019
SAC	DSIIR	RSF22-3001-78	JUL 78	13	5084941

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PART III

Listing of Reports by General Subject

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TOP SECRET CHESS RUFF

EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	AIRCRAFT, AERONAUTICAL RSCH/DESIGN/TEST FACD	SF		S084737
05	AIRCRAFT, BISON M-4 LOCATION/COUNT	UR		S084740
05	AIRCRAFT, CAT AN-10 SPECIAL PURPOSE	UR		S084695
05	AIRCRAFT, COOT IL-18 BOAT-SHAPED ELCT MODIFS	UR		S084728
05	AIRCRAFT, COOT IL-18 NOSE EXTENSION MODIFS	UR		
05	AIRCRAFT, CURL AN-26 SPECIAL PURPOSE	UR		S084695
05	AIRCRAFT, HIP C MI-8 SPECIAL PURPOSE	UR		
05	AIRCRAFT, HOOK MI-6 SPECIAL PURPOSE	UR		
05	AIRCRAFT, RAM J/LUK A WING MODIFICATION	UR		S085129
05	AIRFIELDS, ACTIVITY SOVIET	ET		S084937
05	AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	UR		S084695
05	AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	MG		
05	AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	HU		
05	AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	PL		
05	AIRFIELDS, AIRCRAFT SPECIAL PURPOSE SOVIET	CZ		
05	AIRFIELDS, BADGER TU-16 LRA FORCE	UR		S084941
05	AIRFIELDS, FIRING-IN BUTTS FLOGGER RELATED	UR		S085003
05	AIRFIELDS, HANGARETTE CONST DESIGN TECHNIQUES	CU		S084943
05	AIRFIELDS, NAVAL RESERVE	UR		S084741
05	AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT	UR	481735N 0461216E	S084739
05	AKHTUBINSK FLIGHT TEST CTR RAM J/LUK A MODIF	UR	481735N 0461216E	S085129
05	AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT	UR	481851N 0461630E	S084823
05	ANADYR/UGOLNYYE KOPI AFLD BADGER LRA FORCE	UR	644406N 1774428E	S084941
05	ANISOVO GORODISHCHE AIRFIELD BADGER LRA FORCE	UR	541327N 0342208E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	BAGHDAD AIRFIELD INTL CANDID IRAQI AIRWAYS	IZ	331520N 0441330E	S084831
05	BELAYA AIRFIELD	UR	525454N 1033434E	S084803
05	BELAYA AIRFIELD BACKFIRE B IDENTIFICATION	UR	525454N 1033434E	S085039
05	BELAYA AIRFIELD BADGER TU-16 LRA FORCE	UR	525454N 1033434E	S084941
05	BELAYA TSERKOV AIRFIELD BADGER LRA FORCE	UR	494749N 0300135E	
05	BOBRUYSK AIRFIELD BADGER TU-16 LRA FORCE	UR	530610N 0291230E	
05	CHENGTU AIRFRAME PLANT 132	CH	304227N 1035747E	S085014
05	CHOYBALSAN AIRFIELD NE FITTER SU-17 COUNT	MG	480802N 1143847E	S085077
05	ETZION AIRFIELD ISRAELI OCCUPIED DUMMY AFLD	EG	293640N 0344630E	S085045
05	GENICHESK AIRFIELD NAVAL RESERVE	UR	461240N 0344556E	S084741
05	GOMEL/PRIBYTKI AIRFIELD BADGER LRA FORCE	UR	521824N 0310947E	S084941
05	HAERHPIN AIRCRAFT ENGINE PLANT FINFANG 120	CH	453555N 1264005E	S084793
05	HOLGUIN AIRFIELD HANGARETTE CONSTRUCTION	CU	204707N 0761854W	S084943
05	IZYUM AIRFIELD POL STORAGE CAPACITY	UR	491550N 0370913E	S085083
05	JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FAC	SF	260824S 0281430E	S084737
05	JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FAC	SF	260824S 0281430E	
05	JOHANNESBURG AIRFIELD PLT ATLAS ENG TEST FAC	SF	260901S 0281501E	
05	KASPLYSK NAVAL R+D FACILITY KASP A ENG INSTL	UR	425255N 0473922E	S085042
05	KOIGI AIRFIELD NAVAL RESERVE	UR	585200N 0254340E	S084741
05	KORSAKOVA AIRFIELD NAVAL RESERVE	UR	463707N 1424907E	
05	KOSHKAYAVR AIRFIELD NAVAL RESERVE	UR	691507N 0311144E	
05	KRASNOVODSK AIRFIELD FIRING-IN BUTT MODIFIED	UR	400349N 0530025E	S085003
05	KUNOVICE AIRFIELD	CZ	490149N 0172628E	S084802
05	KUNOVICE AIRFRAME PLANT	CZ	490235N 0172618E	
05	LASTOCHKA AIRFIELD NAVAL RESERVE	UR	462326N 1340612E	S084741
05	LEONDOVO AIRFIELD NAVAL RESERVE	UR	491624N 1425539E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	LIDDETTA AIRFIELD MILITARY PARADE PREPARATION	ET	090004N 0384338E	S084827
05	MIORY AIRFIELD NAVAL RESERVE	UR	553908N 0274155E	S084741
05	NOVAYA AIRFIELD NAVAL RESERVE	UR	464226N 1425225E	S085082
05	NYANGI AIRFIELD FITTER SU-17 COUNT	UR	504034N 1060833E	S084817
05	OKBA IBN NAFA AIRFIELD FOXBAT A MIG-25 IDENT	LY	325346N 0131632E	S085043
05	OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 COUNTS	LY	325346N 0131632E	S084819
05	OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 DELIVERY	LY	325346N 0131632E	S084941
05	ORSHA AIRFIELD SW BADGER TU-16 LRA FORCE	UR	542622N 0301747E	S085123
05	POCHENTONG AIRFIELD BEAGLE IL-28 IDENT	CB	113246N 1045052E	S084941
05	POLTAVA AIRFIELD BADGER TU-16 LRA FORCE	UR	493740N 0342923E	S085084
05	POVORINO AIRFIELD	UR	511015N 0421400E	S084737
05	PRETORIA AERONAUTICAL RSCH/DSGN CPLX SCIENTA	SF	2544 S 02810 E	S084941
05	PRILUKI AIRFIELD BADGER TU-16 LRA FORCE	UR	503434N 0321901E	S084815
05	REFIDIM AIRFIELD DUMMY AIRFIELD ISRAELI U/C	EG	302450N 0330904E	S084941
05	RYAZAN/DYAGILEVO AIRFIELD BADGER LRA FORCE	UR	543830N 0393412E	S085119
05	SAN ANTONIO DE LOS BANOS AIRFIELD A/C DISPLAY	CU	225216N 0823034W	S084943
05	SAN ANTONIO DE LOS BANOS AIRFIELD HANGARETTES	CU	225216N 0823034W	S084941
05	SANTA CLARA AIRFIELD HANGARETTES CONSTRUCTION	CU	222932N 0795630W	S084941
05	SPASSK DALNIY AIRFIELD EAST BADGER LRA FORCE	UR	443643N 1325302E	S085120
05	STRYY AIRFIELD BADGER TU-16 LRA FORCE	UR	491443N 0234726E	S084922
05	TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS	IR	333636N 0565724E	S084941
05	TAGANROG AIRFRAME PLANT 86 BERIYEV DESIGN BUR	UR	471150N 0385220E	S084922
05	TARTU AIRFIELD BADGER TU-16 LRA FORCE	UR	582417N 0264624E	S084941

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
05	UMBOZERO AIRFIELD NAVAL RESERVE	UR	673058N 0341838E	S084741
05	UMBOZERO AIRFIELD SOUTH NAVAL RESERVE	UR	672242N 0341331E	
05	USSURIYSK/VOZDVIZHENKA AFLD BADGER LRA FORCE	UR	435425N 1315547E	S084941
05	VALHALLA AIRCRAFT ENGINE TEST FACILITY	SF	254745S 0280850E	S084737
05	VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION	UR	473050N 0311522E	S084743
05	ZAVITINSK AIRFIELD NE BADGER TU-16 LRA FORCE	UR	501132N 1293006E	S084941
10	AOUINET BEL EGRA SAHARAN REFUGEE CAMPS	AG	2650 N 00651 W	S084726
10	KAPUSTIN YAR MTC MRBM COMPLEX C SS-4 EQUIP CF	UR	483457N 0461754E	S085134
10	KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	483555N 0461752E	
10	KHOSROWABAD EARTHQUAKE DESTRUCTION	IR	333150N 0565710E	S085128
10	MANPO UP U/I FACILITY U/C	KN	411043N 1261730E	S084738
10	TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS	IR	333636N 0565724E	S085120
10	TABAS EARTHQUAKE DAMAGE	IR	333545N 0565525E	S085122
10	TABAS EARTHQUAKE DAMAGE	IR	333545N 0565525E	S085121
10	TINDOUF SAHARAN REFUGEE CAMPS	AG	2740 N 00809 W	S084726
10	VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION	UR	473050N 0311522E	S084743

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25	ANGARSK RADIO COMMO/AM BDCST XMTR STATION SW	UR	522525N 1034013E	S084731
25	BELAYA AIRFIELD GCA SITE	UR	525436N 1033421E	S084803

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	CHIAOHO AW RADAR FACILITY POSS IDENTIFICATION	CH	434250N 1273636E	S084925
25	CHIAOHO RADIO RELAY STATION SUSP IDENT	CH	434954N 1272840E	
25	CHINHSI OPTICAL TRACKING FAC A MBL TRKG EQUIP	CH	404230N 1210120E	S084824
25	DERAZHNYA SSM COMPLEX LCF DD SILO DOOR OPEN	UR	491852N 0272650E	S085126
25	ELECTRONICS, CHOP REST AW RADAR DEPLOYMENT	CH		S084961
25	ELECTRONICS, COPHASED HORIZ DIPOLE CURTAIN	UR		S084731
25	ELECTRONICS, FLAT TWIN ABM-X-3 RADAR	UR		S084940
25	ELECTRONICS, HF BROADCAST FACS JAMMING POSS	UR		S084731
25	ELECTRONICS, LINEAR ANTENNA ARRAY LONG	UR		
25	ELECTRONICS, SUUJI D AW RADAR DEPLOYMENT	CH		S084961
25	ELECTRONICS, TREE FORK 2 AW RADAR DEPLOYMENT	CH		
25	ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	MG		S084664
25	ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	PL		
25	ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	HU		
25	ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	CZ		
25	ELECTRONICS, TROPOSCATTER SYSTEMS MOBILE DPL	UR		
25	ELECTRONICS, VARIABLE DEPTH SONAR	UR		S084736
25	ELECTRONICS, VERTICAL RADIATOR ANTENNA ARRAY	UR		S084731
25	HSIAN RADAR PLANT 786	CH	341626N 1090019E	S084672
25	ICHEIDI RADIO RELAY STATION	UR	634125N 0564215E	S078363
25	IRKUTSK LRA CP/BKR/RCVR STA MBL CP UNIT IDENT	UR	522352N 1042220E	S085132
25	KALACH NA DONU RADIO RELAY STATION	UR	484040N 0432910E	S085087
25	KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION	UR	402452N 0451136E	S084731
25	KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION	UR	402452N 0451136E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	KAPUSTIN YAR MTC ANT MASTS SS-20 ASSOC IDENT	UR	483555N 0461752E	S084681
25	KAPUSTIN YAR MTC CPLX C SITE 1 ELCT FACS SRCH	UR	483658N 0461800E	S084924
25	KAPUSTIN YAR MTC INSTRUMENTATION SITE H1	UR	485200N 0463000E	S084930
25	KAPUSTIN YAR MTC INSTRUMENTATION SITE 1	UR	485932N 0493238E	S084931
25	KAPUSTIN YAR MTC SAM TRACKING FACILITY 10	UR	485748N 0461540E	S084928
25	KAPUSTIN YAR MTC TELEMETRY/TRACKING FACILITY	UR	483730N 0461205E	S084929
25	KAPUSTIN YAR/TEREKTY TRACKING FACILITY CTRL	UR	481355N 0482619E	S084659
25	KAPUSTIN YAR/TEREKTY TRACKING FACILITY NORTH	UR	4826 N 04840 E	
25	KAPUSTIN YAR/TEREKTY TRACKING FACILITY WEST	UR	481008N 0481658E	
25	KONSTANTINOVSKIY RADIO RELAY STATION	UR	474227N 0410825E	S085087
25	KOTLUBAN RADIO RELAY STATION	UR	485700N 0441345E	
25	KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA	UR	495401N 0243939E	S084731
25	KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA	UR	495401N 0243939E	
25	KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA	UR	514957N 1134300E	
25	KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA	UR	514957N 1134300E	
25	KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA	UR	373110N 0684757E	
25	KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA	UR	373110N 0684757E	

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25	MARIINSKAYA RADIO RELAY STATION	UR	473800N 0414320E	S085087
25	MELEKHOVSKAYA RADIO RELAY STATION NE	UR	473120N 0403450E	
25	MORSKOY RADIO RELAY STATION	UR	480507N 0423550E	
25	NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA	UR	464858N 0321252E	S084731
25	NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA	UR	464858N 0321252E	
25	NIZHNE CHRISKAYA RADIO RELAY STATION SW	UR	482040N 0430350E	S085087
25	NOVYY ROGACHIK RADIO RELAY STATION	UR	484025N 0440332E	
25	PETROPAVLOVSK NAVAL BASE HYDROACOUSTIC DEVICE	UR	525740N 1583945E	S085135
25	PETROPAVLOVSK SHIPYARD/NAV HYDROACOUSTIC DVC	UR	525358N 1582607E	S085111
25	POLOTSK MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	552440N 0283351E	S084662

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
25	POSTAVY MRBM COMMAND POST BKR SS-20 RLTD ACT	UR	550926N 0265413E	
25	POSTAVY MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	550910N 0265220E	
25	SARY SHAGAN MTC COMPLEX 6 SH-EL-2 TOWER MTD	UR	455149N 0732352E	S084832
25	SARY SHAGAN MTC CPLX 6 SQUARE PAIR ANT SEARCH	UR	455149N 0732352E	S084673
25	SARY SHAGAN MTC ELECTRONICS TEST FAC ANT SRCH	UR	455100N 0733500E	
25	SHUANGCHENG TZO MTC SAM TRACKING FAC 1 VEH ACT	CH	410436N 1003000E	S085117
25	SMORGON IRBM COMMAND POST BKR SS-20 RLTD ACT	UR	543202N 0261747E	S084662
25	SMORGON IRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	543120N 0261720E	
25	SRI HARIKOTA ISLAND ROCKET LNCH STA FAN SONG	IN	134100N 0801340E	S084818
25	TATISHCHEVO SSM COMPLEX LCF II CONST ACTIVITY	UR	521420N 0452311E	S084838
25	TATISHCHEVO SSM COMPLEX LCF KK CONST RESUMED	UR	515043N 0460751E	S084834
25	TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA	UR	452824N 0400005E	S084731
25	TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA	UR	452824N 0400005E	
25	TEREKTY ASM IMPACT AREA OPERATIONS CTRL CTR	UR	480958N 0483624E	S084659
25	UKHTA RADIO RELAY + TV BROADCAST CENTER	UR	633420N 0533940E	S078363
25	UKHTA RADIO RELAY + TV BROADCAST CENTER	UR	633420N 0533940E	
30	ANJU CHEMICAL PLANT YOUTH U/C	KN	393909N 1254210E	S084738
30	ANJU PULP + PAPER PLANT U/C	KN	393911N 1254010E	
30	ANJU THERMAL POWER PLANT	KN	394015N 1254245E	
30	BAC GIANG CHEMICAL FERTILIZER PLANT RECONST	VM	211810N 1061225E	S084663
30	BAC GIANG THERMAL POWER PLANT RECONSTRUCTION	VM	211810N 1061210E	
30	BAI BANG PAPER PLANT	VM	212457N 1051848E	
30	CHELYABINSK STEEL PLANT BAKAL	UR	551621N 0612659E	S085017
30	CHONGJIN IRON + STEEL PLANT KIMCHAEK EXPSN	KN	414537N 1294510E	S084738
30	DNEPROPETROVSK STEEL PLANT PETROVSKIY	UR	482858N 0345852E	S084956
30	HAEJU CEMENT PLANT CHOSEM EXPANSION	KN	375925N 1254240E	S084738

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	HAN OI THERMAL POWER PLANT RECONSTRUCTION	VM	210235N 1055051E	S084663
30	HAN OI TRANSFORMER SUBSTATION RECONSTRUCTION	VM	210826N 1055045E	
30	INDUSTRY, CONSTRUCTION/EXPANSION PROGRAMS	KN		S084738
30	INDUSTRY, OIL DRILLING OFFSHORE PLATFORMS MBL	UR		S084810
30	INDUSTRY, WAR DAMAGE RECONSTRUCTION	VM		S084663
30	KALUSH CHEMICAL COMBINE	UR	490432N 0241812E	S084809
30	KUMSONG NI HYDROELECTRIC POWER PLANT U/C	KN	394611N 1262103E	S084738
30	KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT	UR	533215N 0495116E	S084921
30	LANG CHI HYDROELECTRIC POWER PLANT RECONST	VM	214446N 1050141E	S084663
30	LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD	UR	595302N 0301456E	S084816
30	LIPETSK IRON + STEEL PLANT	UR	523325N 0393822E	S084955
30	MULTAN CHEMICAL FERTILIZER PLANT	PK	301250N 0713230E	S084794
30	MUSAN IRON ORE CONCENTRATION PLANT EXPANSION	KN	421338N 1291604E	S084738
30	PAENGMA RI PETROLEUM REFINERY U/C	KN	400420N 1243245E	
30	PHU IHO CHEMICAL FERTILIZER PLANT RECONST	VM	212000N 1051720E	S084663
30	PIHYON UP MANUFACTURING PLANT U/I PUG	KN	395730N 1243910E	S084738
30	PUKCHANG THERMAL POWER PLANT	KN	393453N 1261820E	
30	SHANGHAI SOLAR POWER PLANT EXPERIMENTAL IDENT	CH	311800N 1213248E	S084810
30	SUNCHON CEMENT PLANT EAST U/C	KN	392630N 1260130E	S084738
30	TAEAN NODONGJAGU ELECTRICAL EQUIP PLANT PUG	KN	385007N 1253115E	
30	TANCHON MAGNESIA PLANT CONSTRUCTION	KN	402520N 1285458E	
30	THAI NGUYEN IRON ORE PROCESSING PLANT RECONST	VM	213518N 1055734E	S084663
30	THAI NGUYEN IRON + STEEL COMBINE RECONST	VM	213337N 1055227E	
30	THAI NGUYEN STEEL ROLLING MILL RECONSTRUCTION	VM	2133 N 10552 E	
30	THAI NGUYEN THERMAL POWER PLANT RECONST	VM	213636N 1054906E	
30	TINH TUC TIN MINING COMPLEX RECONSTRUCTION	VM	223935N 1055238E	

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
30	UNGGI PETROLEUM REFINERY EXPANSION	KN	421839N 1302104E	S084738
30	VIET TRI CHEMICAL PLANT RECONSTRUCTION	VM	211805N 1052505E	S084663
30	VIET TRI TEXTILE PLANT	VM	2118 N 10526 E	
30	VIET TRI THERMAL POWER PLANT RECONSTRUCTION	VM	211757N 1052526E	
30	WUHAN IRON + STEEL PLANT	CH	303734N 1142627E	S084947
35	AD DALI INFANTRY BATTALIONS	YS	134600N 0444340E	S084729
35	AGORJAT INFANTRY BRIGADE	ET	153300N 0375250E	S084822
35	AL ANAD INFANTRY BRIGADE	YS	1310 N 04450 E	S084729
35	AL GHAYDAH MILITARY CAMP INFANTRY BATTALIONS	YS	161150N 0521120E	
35	AL KIRSH INFANTRY BATTALION	YS	132150N 0442925E	
35	ANKOUCHEN AMMUNITION + GRENADE PLANT	CH	351540N 1064630E	S084801
35	ASENOVGRAD ARMY BARRACKS 1	BU	420129N 0245347E	S084785
35	ATAQ MILITARY CAMP HQ INFANTRY	YS	143237N 0464925E	S084729
35	BAKLASHI ARMY BARRACKS AL1 + HQ MRD UNITS NEW	UR	521031N 1035754E	S085048
35	BARIM ISLAND MILITARY ACTIVITY	YS	1239 N 04324 E	S084729
35	BAYHAN AL QISAB MILITARY BARRACKS INFANTRY	YS	144712N 0454306E	
35	BAYRAM ALI ARMY BARRACKS AL2	UR	373700N 0620915E	S085023
35	BAYRAM ALI TACTICAL SS-1 BARRACKS AL1	UR	373616N 0621030E	S085031
35	BAYRUT TANK COMPANY SYRIAN	LE	335159N 0353201E	S084748
35	BOBRUYSK ARMY BARRACKS AL2/HQ TK ARMY/TK DIV	UR	530830N 0291438E	S085030
35	BROVARY ARMY BKS MINE-LAYING VEH PROB IDENT	UR	502950N 0304430E	S084680
35	BULGAN ARMY BARRACKS AL1	MG	483454N 1032803E	S085024
35	CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS	AO	161745S 0141910E	S084795
35	CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS	AO	161745S 0141910E	
35	CHOYBALSAN ARMY BARRACKS AL8 MRL REGT IDENT	MG	480110N 1143120E	S085136

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	CHOYBALSAN MILITARY BARRACKS AL5 + HQ TK DIV	MG	480333N 1143755E	S085025
35	GADWAL AMMUNITION PRODUCTION + LOADING FACIL	PK	334830N 0724445E	S084794
35	GRUDOVO ARMY BARRACKS WEST 1	BU	422048N 0270957E	S084781
35	GUERCIF ARMY BARRACKS ARMOR UNIT IDENT	MO	341226N 0032115E	S085124
35	GUSINOOZERSK MILITARY BARRACKS AL1 + HQ MRD	UR	511930N 1062715E	S085022
35	HISN AL ABR MILITARY ACTIVITY	YS	1608 N 04715 E	S084729
35	JIJIGA MILITARY BARRACKS ARMOR BRIGADE CONVOY	ET	0918 N 04246 E	S085033
35	JIJIGA MILITARY BARRACKS MECH INF BRGD IDENT	ET	0918 N 04246 E	S084820
35	KARLOVO ARMY BARRACKS 1 + HEADQUARTERS	BU	423837N 0244743E	S084788
35	KASATKA ARMY BARRACKS AL1 CONST ACT INCREASE	UR	450205N 1474547E	S084696
35	KATIMA MOLILO MILITARY CAMP DEFENSIVE ACT	WA	172930S 0241730E	S085019
35	KAZANLUK ARMY BARRACKS 1	BU	423727N 0252217E	S084782
35	KHAWR AL Umayrah INFANTRY BATTALIONS	YS	124100N 0440740E	S084729
35	KIROVAKAN MILITARY INSTL U/I RADIO RELAY UNIT	UR	404740N 0443112E	S085081
35	KNYAZHEVO ARMY BARRACKS 1	BU	423957N 0231406E	S084787
35	KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC	UR	510700N 0284100E	S085113
35	KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT	UR	560723N 0381254E	S085047
35	KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROJ	UR	560723N 0381254E	S085038

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	KRASNOARMEYSK ORDNANCE R+D FACILITY	UR	560737N 0381030E	S084807
35	KUANGCHI SHIPYARD TRUCK PRODUCTION	CH	294940N 1153040E	S084733
35	KURA RIVER CROSSING EXERCISE	UR	412448N 0465630E	S085139
35	KURILSKIYE OSTROVA MILITARY ACTIVITY INCREASE	UR	482300N 1533600E	S084696
35	KUSONG TANK PLANT PUG T-62 TANKS SERIES PROD	KN	400251N 1251241E	S085088
35	LIDDETTA AIRFIELD MILITARY PARADE PREPARATION	ET	090004N 0384338E	S084827
35	MANPO UP EXPLOSIVES PLANT	KN	410650N 1261615E	S084738
35	MILITARY, ACTIVITY SOVIET	ET		S084937
35	MILITARY, ARMORED FORCES EXPANSION 1970-1977	KN		S084669
35	MILITARY, ARTILLERY BUILDUP NONDIVISIONAL	UR		S084810
35	MILITARY, ARTILLERY DIVISIONS SHENYANG MR	CH		S084735
35	MILITARY, BM-20 200MM MULTIPLE ROCKET LNCHR	UR		S084697
35	MILITARY, BM-11 122MM MULTIPLE ROCKET LNCHR	KN		
35	MILITARY, BM-11/21 MULTIPLE ROCKET LAUNCHER	KN		
35	MILITARY, BM-13 132MM MULTIPLE ROCKET LNCHR	UR		
35	MILITARY, BM-14/16 140MM MULTIPLE RKT LNCHR	UR		
35	MILITARY, BM-24 240MM MULTIPLE ROCKET LNCHR	UR		
35	MILITARY, FORCE IMPROVEMENTS SINO/SOVIET BDR	UR		S084804
35	MILITARY, GROUND FORCES KUANGCHOU MIL REGION	CH		S085016
35	MILITARY, GROUND FORCES O/R	YS		S084729
35	MILITARY, MINE-LAYING VEH PROB ARMD TRKD NEW	UR		S084680
35	MILITARY, MULTIPLE ROCKET LAUNCHERS	KN		S084697
35	MILITARY, M-1977 MULTIPLE RKT LNCHR 12 TUBE	KN		
35	MILITARY, READINESS GRND FORCE BELORUSSIAN MD	UR		S084960

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	MILITARY, RIVER CROSSING UNITS	KN		S084660
35	MILITARY, SELF-PROPELLED AA GUN NEW	KN		S085137
35	MILITARY, SELF-PRPLD ARTY WPN LONG-TUBED NEW	KN		S084934
35	MILITARY, S-TYPE PONTOON BRIDGE NEW	KN		S084660
35	MILITARY, TATRA-148 CARGO TRUCK 6X6	CZ		S084698
35	MILITARY, TATRA-148S1 DUMP TRUCK 6X6	CZ		
35	MILITARY, TATRA-148S3 DUMP TRUCK 6X6	CZ		
35	MILITARY, T-72 TANK PROD PROBLEMS 1977-1978	UR		S084725
35	MILITARY, 107MM MULTIPLE ROCKET LNCHR 12 TUBE	KN		S084697
35	MINHO ARMY BARRACKS AL1	CH	362046N 1024917E	S084772
35	MUKAYRIS MILITARY BARRACKS AREA INFANTRY BN	YS	135532N 0454000E	S084729
35	NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD	UR	575548N 0600526E	S084725
35	NOGINSK BALLISTICS TEST + TRAINING AREA POSS	UR	555320N 0383450E	S084942
35	NOGINSK BALLISTICS TEST + TRAINING AREA POSS	UR	555320N 0383450E	
35	PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW	UR	580145N 0561708E	S084830
35	PETROPAVLOVSK ARMY BKS AL24 ARTY UNITS NEW	UR	530344N 1583812E	S085046
35	PROVIDENIYA ARMY BARRACKS AL1 + HQ BRIGADE	UR	642454N 1731234W	S084933
35	PYONGYANG MANEUVER AREA SE FROG ACTIVITY	KN	385650N 1255400E	S085040
35	SALAH AL DIN MILITARY BARRACKS	YS	1245 N 04452 E	S084729
35	SAO JOSE DOS CAMPOS ARMORED VEH PLANT ENGESA	BR	230845S 0454659W	S084808
35	SHIHTSUISHAN ARMY BARRACKS AL1	CH	391223N 1061854E	S084774
35	SHIHTSUISHAN ARMY BARRACKS AL2/DEFENSIVE AREA	CH	392030N 1061701E	S084776

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	SHIHTSUSHAN ARMY BARRACKS AL3/DEFENSIVE AREA	CH	391532N 1061040E	S084777
35	SHIHTSUSHAN ARMY BARRACKS AL4	CH	391342N 1061523E	S084779
35	SHIHTSUSHAN ARMY BARRACKS AL5	CH	391145N 1061950E	S084775
35	SHIHTSUSHAN DEFENSIVE AREA 2	CH	391640N 1061902E	S084780
35	SHIHTSUSHAN MILITARY AREA	CH	3916 N 10616 E	S084773
35	SHUMEN ARMY BARRACKS NE 2/3	BU	431645N 0265540E	S084784
35	SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV	EG	311200N 0255420E	S084837
35	SIGA MEDA MILITARY TRNG CAMP TANK/APC IDENT	ET	090126N 0383856E	S085044
35	SIMUSHIR MILITARY INSTALLATION PROB CONST ACT	UR	471020N 1521605E	S084696
35	SINHUNG ARMORED VEH ASBLY PLT SP AA GUN NEW	KN	401158N 1273608E	S085137
35	SKIERNIEWICE ARMY BARRACKS 4	PL	515900N 0202138E	S085079
35	SLIVEN ARMY BARRACKS 1/2/5/6/7	RU	424022N 0262026E	S084783
35	SOFIYA ARMY BARRACKS 1	RU	424010N 0232241E	S084786
35	STAROSYSOYEVKA ARMY BARRACKS AL1	UR	441150N 1331900E	S085021
35	STEPANAVAN ARMY BARRACKS AL3	UR	405735N 0442520E	S085085
35	SUEZ CANAL SPECIAL AREA 1203 MECH INF BRIGADE	EG	301800N 0315700E	S084821
35	SUGUTRA ISLAND MILITARY ACTIVITY	YS	1238 N 05354 E	S084729
35	TARABULUS MILITARY VEH STGE AIR DEF STGE DPO	LY	325002N 0131959E	S085034
35	TARABULUS PORT FACILITIES ARMS DELIVERY SOV	LY	325408N 0131127E	S085130
35	TAWUKOU ARMY BARRACKS AL1	CH	390710N 1062255E	S084778
35	THAMUD MILITARY ACTIVITY	YS	1721 N 04958 E	S084729

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
35	TSELINOGRAD ARMY BARRACKS AL1	UR	511052N 0712313E	S085029
35	ULAANBAATAR ARMY BARRACKS AL1	MG	475530N 1065930E	S085005
35	WAH ARSENAL PAKISTAN ORDNANCE FACILITY	PK	334610N 0724612E	S084794
35	YAMBOL ARMY BARRACKS 1	BU	422901N 0263120E	S085028
35	YOSU EXPLOSIVES + MUNITIONS PLANT	KS	345150N 1274530E	S084676
35	YUNGTENG ARMY BARRACKS AL1 + HQ ARTILLERY DIV	CH	364237N 1031616E	S084769
35	YUNGTENG ARMY BARRACKS SSE AL2	CH	364052N 1031713E	S084770
35	YUNGTENG ARMY BARRACKS SSE AL3	CH	364031N 1031721E	S084771
35	YUNGTENG MILITARY AREA	CH	3643 N 10317 E	S084768
35	YUZHNO KURILSK ARMY BARRACKS WNW NEW IDENT	UR	440302N 1454729E	S084696
35	ZAVITINSK MILITARY BARRACKS AL1 MRD NEW IDENT	UR	500539N 1292539E	S085072
40	AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT	UR	481735N 0461216E	S084739
40	AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT	UR	481851N 0461630E	S084823
40	AKHTUBINSK/VLADIMIROVKA ASM STORAGE AREA CRTS	UR	482241N 0461218E	S084739
40	BALAKLAVA MTC	UR	443014N 0333122E	S085018
40	BELAYA AAM SUPPORT FACILITY	UR	525540N 1033300E	S084803
40	BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS	UR	531502N 0342419E	S084699
40	CHINGYU MTC SSM SITE POSS LAUNCH PAD U/C	CH	421755N 1265231E	S085107
40	DERAZHNYA ICBM SITE 5D TYPE 36 SILO EXCAVATED	UR	491939N 0272132E	S085126
40	DODONOVO MISSILES + SPACE COMPONENTS PLANT	UR	561540N 0933135E	S084732
40	DODONOVO MISSILES + SPACE COMPONENTS PLANT	UR	561540N 0933135E	S084732

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	512718N 1130402E	S084745
40	DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	512718N 1130402E	
40	DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP	UR	512021N 1130114E	
40	DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP	UR	512021N 1130114E	
40	FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS	UR	450808N 0353337E	S085015
40	FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS	UR	450808N 0353337E	
40	FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE	CH	421040N 1265600E	S084828
40	HSICHANG CSS-1 CRATERS SEARCH	CH	2747 N 10125 E	S084932
40	IVANKOVSKIY GUIDED MISSILE PLANT	UR	564521N 0370700E	S084927
40	KAMCHATKA MISSILE IMPACT AREAS ACT SUMMARY	UR	5712 N 16133 E	S084948
40	KAPUSTIN YAR MTC COMPLEX C SS-4 EQUIP CF	UR	483457N 0461754E	S085134
40	KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	483555N 0461752E	
40	KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	483555N 0461752E	
40	KAPUSTIN YAR MTC MRBM SUPPORT FACILITY 6	UR	484726N 0461833E	S084930
40	KAPUSTIN YAR MTC SRBM CPLX TEL PROB NEW IDENT	UR	484551N 0461753E	S085127
40	KAPUSTIN YAR MTC SRBM TEL/RESUPPLY VEH U/I	UR	484116N 0461648E	S085041
40	KEMEROVO SOLID MOTOR PRODUCTION PLANT U/C	UR	552500N 0855828E	S084682
40	KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC	UR	510700N 0284100E	S085113
40	KUNMING SSM FIELD POSITION CSS-2 EXERCISE	CH	245208N 1025347E	S084825
40	KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT	UR	533215N 0495116E	S084921
40	MISSILES, BALLISTIC MISSILE GARRISONS	CH		S084935
40	MISSILES, BALLISTIC MISSILE SYSTEMS ACTIVITY	UR		S084946
40	MISSILES, SA-8 TRANSPORTER-ERECTOR-LAUNCHER	UR		S084959

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	MISSILES, SLBM DEVELOPMENTS	UR		S084938
40	MISSILES, SRBM TEL PROB NEW	UR		S085127
40	MISSILES, SS-N-5 DIMENSIONS	UR		S084724
40	NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE	UR	551616N 0830133E	S084670
40	NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE	UR	551616N 0830133E	
40	NOVOSIBIRSK MOBILE IRBM BASE SS-20 TRNG EXER	UR	551904N 0831001E	
40	NOVOSIBIRSK NAVAL MISSILE TRSHPMT STORAGE CTR	UR	551338N 0825942E	S084841
40	PAVLOGRAD SOLID MOTOR PRODUCTION PLANT EXPSN	UR	483401N 0354912E	S084683
40	PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPSN	CH	394849N 1160805E	S084798
40	PERM ARMAMENT + 6M EQUIP PLT 172 FLD GUN NEW	UR	580145N 0561708E	S084830
40	PLESETSK MTC ICBM SITE 14 TYPE 3E SILO CONV	UR	625816N 0413342E	S085035
40	SAINT LUCIA MISSILE TEST RANGE	SF	280118S 0322649E	S084791

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40	SEVASTOPOL NAVAL MISSILE SUPPORT FACILITY	UR	443733N 0333321E	S084706
40	SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE	UR	443732N 0333501E	S084707
40	SHCHELKOVO COSMONAUT TRAINING FACILITY	UR	555233N 0380654E	S084923
40	SHUANGCHENGZU MTC ICBM SITE B1 SVC TWR MODIF	CH	411828N 1001854E	S084734
40	SHUANGCHENGZU MTC SAM COMPLEX CSA-X-2/TEL	CH	410430N 1003110E	S085117
40	SPACE, SATELLITE SYSTEMS MILITARY SUPPORT	UR		S084939
40	SUNGLIN MTC	CH	281420N 1020149E	S084926
40	SUNGLIN MTC LAUNCH SITE SUSP U/C	CH	281155N 1020337E	
40	SUNGLIN MTC MAIN SUPPORT BASE	CH	281140N 1020653E	
40	SUNGLIN MTC MISSILE ASSEMBLY/CHECKOUT FACIL	CH	281307N 1020132E	
40	SUROK NAVAL MISSILE TRANSSHIPMENT STORAGE CTR	UR	562747N 0480919E	S084789

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
40	TARABULUS PORT FACILITIES FROG-7 EQUIP	LY	325408N 0131127E	S085108
40	TEREKTY ASM IMPACT AREA	UR	481515N 0483140E	S084659
40	TYURATAM MTC CONSTRUCTION ACT U/I EXTENSIVE	UR	460021N 0631833E	S085131
40	TYURATAM MTC ICBM SITE L3 TYPE 3H SILO MODIF	UR	460425N 0630503E	S084730
40	TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE	UR	455850N 0630556E	S085112
40	TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE	UR	455850N 0630556E	S085106
40	TYURATAM MTC SPACE SITE U1 SL-12 LAUNCH PREP	UR	460214N 0630212E	S084752
40	VLADIMIROVKA ADVANCED WPNS CPLX FAD-699/707	UR	4818 N 04613 E	S084739
40	YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT	UR	514238N 0291224E	S084812
40	YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT	UR	514238N 0291224E	S084812

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
55	SERPUKHOV SSM ENGR RSCH/TRNG WHD MATING EXER	UR	545401N 037230E	S084668
55	UZHUR ICBM SITL 26E WARHEAD HANDLING OP	UR	551911N 069572E	S085036
55	WOLSUNG NUCLEAR POWER STATION CONSTRUCTION	KS	354237N 129283E	S084810
60	MCS 1214-3			S084811
65	KRASNOARMEYSK LASER DEV + TEST LASER/MHD ACT	UR	560723N 0381254E	S084671
65	KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT	UR	560723N 0381254E	S085047
65	KRASNOARMEYSK LASER DEV + TEST WPNs TEST PROB	UR	560723N 0381254E	S085038
65	LENINGRAD PHYSICS TECHNICAL INSTITUTE	UR	600044N 0302230E	S085002
65	YUGO KONEVO GEOPHYSICAL EXPMT SITE MHD GENR	UR	560733N 0611535E	S084727
75	CHALMPUSHKA SHIP REPAIR YARD FLTG DRYDOCK	UR	690333N 0331324E	S084799
75	CHINGTAO NAVAL SHIPYARD LANDING SHIP NEW U/C	CH	360345N 1201740E	S084829
75	DUNAY SUBMARINE BASE/SHIPYD RAZBOYNIK DRYDOCK	UR	425400N 1322110E	S084799
75	DUNAY SUBMARINE BASE/SHIPYD RAZBOYNIK DRYDOCK	UR	425400N 1322110E	S084799
75	DURBAN SHIP RPR YD SANDOCK RESHEF CL P66 U/C	SF	295318S 0305942E	S084667
75	GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA	PL	542207N 0183844E	S084710
75	GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK	UR	680420N 0392824E	S084799
75	GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK	UR	680420N 0392824E	S084799
75	HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD	CH	230510N 1132442E	S084733
75	HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD	CH	230510N 1132442E	S084733
75	HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	404309N 1205939E	S084733
75	HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	404309N 1205939E	S084733
75	HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	404309N 1205939E	S084733
75	KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL	UR	425255N 0473922E	S085042

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	KOMSOMOLSK SHIPYARD AMUR 199 V-2 SSN NEW PROB	UR	503232N 1370248E	S084747
75	KRONSHADT NAVAL BASE + SHIPYARD	UR	595910N 0294618E	S084709
75	KRONSHADT NAVAL BASE + SHIPYARD	UR	595910N 0294618E	
75	KRONSHADT NAVAL FACILITIES APPROACHES	UR	5959 N 02946 E	S084708
75	KUANGCHI SHIPYARD TRUCK PRODUCTION	CH	294940N 1153040E	S084733
75	KUANGCHOU SHIPYARD CHUCHIANQ YU LIANG LSM U/C	CH	230536N 1131448E	S084833
75	LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD	UR	595302N 0301456E	S084816
75	LENINGRAD SHIPYARD ADMIRALTY SUB LAUNCH PROB	UR	595502N 0301618E	S084835
75	LENINGRAD SHIPYARD SUDOMEKH 196 SS ACTIVITY	UR	595541N 0301645E	S084746
75	LENINGRAD SHIPYARD ZHDANOV 190B CL COMBATANT	UR	595233N 0301406E	S084678
75	MAGADAN SUBMARINE BASE + SHIP REPAIR YARD	UR	593218N 1504630E	S084712
75	MAGADAN SUBMARINE BASE + SHIP REPAIR YARD	UR	593218N 1504630E	
75	NAVAL, ACTIVITY SOVIET	ET		S084937
75	NAVAL, BERTHING FACILITIES U/G	CH		S084936
75	OLENYA GUBA SUBMARINE RPR BASE FLTG DRYDOCK	UR	691250N 0331745E	S084799
75	PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK	UR	691156N 0332456E	
75	PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK	UR	691156N 0332456E	
75	PETROPAVLOVSK NAVAL BASE/SHPYD FLTG DRYDOCKS	UR	525358N 1582607E	
75	PETROPAVLOVSK NAVAL BASE/SHPYD FLTG DRYDOCKS	UR	525358N 1582607E	
75	PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL	UR	525455N 1582952E	S085109
75	PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL	UR	525455N 1582952E	
75	PETROVKA NAVAL BASE + SHIPYARD	UR	430703N 1322017E	S085012
75	PETROVKA NAVAL BASE + SHIPYARD	UR	430703N 1322017E	
75	PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS	UR	430703N 1322017E	S084799
75	PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS	UR	430703N 1322017E	
75	PROVIDENIYA PORT FACILITIES T-4 CLASS LCM	UR	642543N 1731407W	S084933

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK	UR	690145N 0330356E	S084799
75	ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK	UR	690145N 0330356E	
75	SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY	UR	443655N 0333318E	S084705
75	SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY	UR	443655N 0333318E	
75	SEVASTOPOL NAVAL FACILITIES APPROACHES EAST	UR	443700N 0333600E	S084703
75	SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE	UR	443732N 0333501E	S084707
75	SEVASTOPOL SHIP REPAIR YARD PANAIOTOVA GUBA	UR	443745N 0333306E	S084704
75	SEVERODVINSK SHIPYARD YAGRY OSTROV Y CL SSBN	UR	643514N 0394907E	S085115
75	SEVERODVINSK SHIPYARD YAGRY SHIPLIFTING BASIN	UR	643514N 0394907E	S084799
75	SEVERODVINSK SHIPYARD 402 G CLASS SSB MODIF	UR	643438N 0394832E	S084742
75	SEVERODVINSK SHIPYARD 402 G-1 CLASS SSB CONV	UR	643438N 0394832E	S084806
75	SEVERODVINSK SHIPYARD 402 LAUNCH BASIN	UR	643438N 0394832E	S084799
75	SEVERODVINSK SHIPYARD 402 SUB BOW CMPNT POSS	UR	643438N 0394832E	S085116
75	SHANGHAI SHIPYARD KIANGNAN SUBMARINE PROD	CH	311205N 1212901E	S084733
75	SHIPS, AIST CLASS LCAA MODIFIED	UR		S084665
75	SHIPS, KASHIN CLASS DDG VARIABLE DEPTH SONAR	UR		S084736
75	SHIPS, KRIVAK-1 CL FFG VARIABLE DEPTH SONAR	UR		
75	SHIPS, LANDING SHIP NEW CLASS	CH		S084829
75	SHIPS, PETYA-1 CLASS FFL VARIABLE DEPTH SONAR	UR		S084736
75	SHIPS, SSBN OUT-OF-WATER WORK PSTNS SALT RLTD	UR		S084799
75	SHIPS, SUBMARINE PRODUCTION FEB 1976/MAY 1978	CH		S084733
75	SHIPS, 189A CLASS TOWER MAST ANT MOUNT POSS	UR		S084836
75	SHIPS, 190B CLASS COMBATANT NEW U/C	UR		S084678

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EPF/CAT	SUBJECT	COUN	COORD	ACCN NO.
75	SHIPS, 196C CLASS SS POSS	UR		S084746
75	SHIPS, 402S CLASS SSB SLBM TEST PLATFORM PROB	UR		S084806
75	SLAVYANKA SHIP REPAIR YARD FLOATING DRYDOCKS	UR	425200N 1312326E	S084799
75	SOVETSKAYA GAVAN RESERVE FLEET BASE	UR	490048N 1401341E	S084840
75	SOVETSKAYA GAVAN SUBMARINE BASE	UR	490125N 1401531E	S084839
75	STRELOK ZALIV SUBMARINE BASE SUBMARINE DPL	UR	425212N 1323136E	S085110
75	TARABULUS PORT FACILITIES	LY	325408N 0131127E	S085008
75	TARABULUS PORT FACILITIES ARMS DELIVERY SOV	LY	325408N 0131127E	S085130
75	TARABULUS PORT FACILITIES FROG-7 EQUIP	LY	325408N 0131127E	S085108
75	VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK	UR	430643N 1315427E	S084799
75	VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK	UR	430643N 1315427E	
75	VLADIVOSTOK SHIPYARD ULIS BUKHTA	UR	430504N 1315525E	S084711
75	WUHAN SHIPYARD WUCHANG SUBMARINE PRODUCTION	CH	303158N 1141713E	S084733
75	ZELENODOLSK SHIPYARD 340 KONI CLASS FFG U/C	UR	555011N 0483008E	S084679
80	SKIERNIEWICE STORAGE FACILITY PROB POL RLTD	PL	515900N 0202100E	S085079
85	ALMA ATA AVTOKOLOVNA 2551	UR	432140N 0765855E	S085004
85	BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS	UR	531502N 0342419E	S084699
85	DMITROV AUTOMOTIVE TEST TRACK	UR	562000N 0371830E	S084805
85	KREMENCHUG RAILROAD CAR MFG PLT ENGR VEHS NEW	UR	490109N 0332700E	S084744
85	NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD	UR	575548N 0600526E	S084725
85	NOUADHIBOU RAILROAD STA YD/SHOPS TRAIN DERAILED	MR	204925N 0170234W	S085037

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TYPE/CAT	SUBJECT	COUN	COORD	ACCN NO.
85	ORDZHONIKIDZE AVTOKOLONNA 1210	UR	430300N 0444040E	S085138
85	PAENGMA RI/TANTUNG POL PIPELINE EXPANSION	KN	400340N 1243445E	S084738
85	PROKHLADNYY AVTOKOLONNA 1438	UR	434554N 0449048E	S085078
85	SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV	EG	311200N 0255420E	S084837
85	TANTUNG/PAENGMA RI POL PIPELINE EXPANSION	CH	401230N 1242248E	S084738
85	ZAPOKOZHYE MOTOR VEHICLE PLANT KOMMUNAR	UR	474801N 0351054E	S084792

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PART IV

Listing of Reports by Coordinates

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COORD	SUBJECT	COUN	ACCN NO.
090004N 0384338E	LIDDETTA AIRFIELD MILITARY PARADE PREPARATION	ET	S084827
090004N 0384338E	LIDDETTA AIRFIELD MILITARY PARADE PREPARATION	ET	
090126N 0383856E	SIGA MEDA MILITARY TRNG CAMP TANK/APC IDENT	ET	S085044
0918 N 04246 E	JIJIGA MILITARY BARRACKS MECH INF BRGD IDENT	ET	S084820
0918 N 04246 E	JIJIGA MILITARY BARRACKS ARMOR BRIGADE CONVOY	ET	S085033
113246N 1045052E	POCHENTONG AIRFIELD BEAGLE IL-28 IDENT	CB	S085123
1239 N 04324 E	BARIM ISLAND MILITARY ACTIVITY	YS	S084729
124100N 0440740E	KHAWR AL UmayRAH INFANTRY BATTALIONS	YS	
1245 N 04452 E	SALAH AL DIN MILITARY BARRACKS	YS	
1258 N 05354 E	SUQUTRA ISLAND MILITARY ACTIVITY	YS	
1310 N 04450 E	AL ANAD INFANTRY BRIGADE	YS	
132150N 0442925E	AL KIRSH INFANTRY BATTALION	YS	
134600N 0444340E	AD DALI INFANTRY BATTALIONS	YS	
135532N 0454000E	MUKAYRIS MILITARY BARRACKS AREA INFANTRY BN	YS	
134100N 0801340E	SRI HARIKOTA ISLAND ROCKET LNCH STA FAN SONG	IN	S084818
144712N 0454306E	BAYHAN AL QISAB MILITARY BARRACKS INFANTRY	YS	S084729
143237N 0464925E	ATAQ MILITARY CAMP HQ INFANTRY	YS	
153300N 0375250E	AGORDAT INFANTRY BRIGADE	ET	S084822
1608 N 04715 E	HISN AL ABR MILITARY ACTIVITY	YS	S084729
161150N 0521120E	AL GHAYDAH MILITARY CAMP INFANTRY BATTALIONS	YS	
1721 N 04958 E	THAMUD MILITARY ACTIVITY	YS	
210235N 1055051E	HAN OI THERMAL POWER PLANT RECONSTRUCTION	VM	S084663
210826N 1055045E	HAN OI TRANSFORMER SUBSTATION RECONSTRUCTION	VM	
211757N 1052526E	VIET TRI THERMAL POWER PLANT RECONSTRUCTION	VM	
211805N 1052505E	VIET TRI CHEMICAL PLANT RECONSTRUCTION	VM	
2118 N 10526 E	VIET TRI TEXTILE PLANT	VM	
212000N 1051720E	PHU THO CHEMICAL FERTILIZER PLANT RECONST	VM	
212457N 1051848E	BAI BANG PAPER PLANT	VM	
213337N 1055227E	THAI NGUYEN IRON + STEEL COMBINE RECONST	VM	
2133 N 10552 E	THAI NGUYEN STEEL ROLLING MILL RECONSTRUCTION	VM	
213518N 1055734E	THAI NGUYEN IRON ORE PROCESSING PLANT RECONST	VM	
213636N 1054906E	THAI NGUYEN THERMAL POWER PLANT RECONST	VM	
214446N 1050141E	LANG CHI HYDROELECTRIC POWER PLANT RECONST	VM	

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COORD	SUBJECT	COUN	ACCN NO.
211810N 1061210E	BAC GIANG THERMAL POWER PLANT RECONSTRUCTION	VM	
211810N 1061225E	BAC GIANG CHEMICAL FERTILIZER PLANT RECONST	VM	
223935N 1055238E	TINH TUC TIN MINING COMPLEX RECONSTRUCTION	VM	
230536N 1131448E	KUANGCHOU SHIPYARD CHUCHIANG YU LIANG LSM U/C	CH	S084833
230510N 1132442E	HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD	CH	S084733
230510N 1132442E	HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD	CH	
245038N 0664708E	KARACHI THERMAL NUCLEAR POWER PLT HAWKES BAY	PK	S084794
245208N 1025347E	KUNMING SSM FIELD POSITION CSS-2 EXERCISE	CH	S084825
2747 N 10125 E	HSICHANG CSS-1 CRATERS SEARCH	CH	S084932
281155N 1020337E	SUNGLIN MTC LAUNCH SITE SUSP U/C	CH	S084926
281140N 1020653E	SUNGLIN MTC MAIN SUPPORT BASE	CH	
281307N 1020132E	SUNGLIN MTC MISSILE ASSEMBLY/CHECKOUT FACIL	CH	
281420N 1020149E	SUNGLIN MTC	CH	

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293640N 0344630E	ETZION AIRFIELD ISRAELI OCCUPIED DUMMY AFLD	EG	S085045
294940N 1153040E	KUANGCHI SHIPYARD TRUCK PRODUCTION	CH	S084733
294940N 1153040E	KUANGCHI SHIPYARD TRUCK PRODUCTION	CH	
301800N 0315700E	SUEZ CANAL SPECIAL AREA 1203 MECH INF BRIGADE	EG	S084821
302450N 0330904E	REFIDIM AIRFIELD DUMMY AIRFIELD ISRAELI U/C	EG	S084815
301250N 0713230E	MULTAN CHEMICAL FERTILIZER PLANT	PK	S084794
304227N 1035747E	CHENG TU AIRFRAME PLANT 132	CH	S085014
303158N 1141713E	WUHAN SHIPYARD WUCHANG SUBMARINE PRODUCTION	CH	S084733
303734N 1142627E	WUHAN IRON + STEEL PLANT	CH	S084947
311200N 0255420E	SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV	EG	S084837
311200N 0255420E	SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV	EG	

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COORD	SUBJECT	COUN	ACCN NO.
311205N 1212901E	SHANGHAI SHIPYARD KIANGNAN SUBMARINE PROD	CH	S084733
311800N 1213248E	SHANGHAI SOLAR POWER PLANT EXPERIMENTAL IDENT	CH	S084810
325002N 0131959E	TARABULUS MILITARY VEH STGE AIR DEF STGE DPO	LY	S085034
325346N 0131632E	OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 DELIVERY	LY	S084819
325346N 0131632E	OKBA IBN NAFA AIRFIELD FOXBAT A MIG-25 IDENT	LY	S084817
325346N 0131632E	OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 COUNTS	LY	S085043
325408N 0131127E	TARABULUS PORT FACILITIES	LY	S085008
325408N 0131127E	TARABULUS PORT FACILITIES ARMS DELIVERY SOV	LY	S085130
325408N 0131127E	TARABULUS PORT FACILITIES ARMS DELIVERY SOV	LY	S085130
325408N 0131127E	TARABULUS PORT FACILITIES FROG-7 EQUIP	LY	S085108
325408N 0131127E	TARABULUS PORT FACILITIES FROG-7 EQUIP	LY	S085108

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335159N 0353201E	BAYRUT TANK COMPANY SYRIAN	LE	S084748
331520N 0441330E	BAGHDAD AIRFIELD INTL CANDID IRAQI AIRWAYS	IZ	S084831
335150N 0565710E	KHOSROWABAD EARTHQUAKE DESTRUCTION	IR	S085128
333545N 0565525E	TABAS EARTHQUAKE DAMAGE	IR	S085122
333545N 0565525E	TABAS EARTHQUAKE DAMAGE	IR	S085121
333636N 0565724E	TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS	IR	S085120
333636N 0565724E	TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS	IR	S085120
334610N 0724612E	WAH ARSENAL PAKISTAN ORDNANCE FACILITY	PK	S084794
334830N 0724445E	GADWAI AMMUNITION PRODUCTION + LOADING FACIL	PK	S084794

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COORD	SUBJECT	COUN	ACCN NO.
341626N 1090019E	HSIAN RADAR PLANT 786	CH	5084672
345150N 1274530E	YOSU EXPLOSIVES + MUNITIONS PLANT	KS	5084676
351540N 1064630E	ANKOUCHEN AMMUNITION + GRENADE PLANT	CH	5084801
354237N 1292837E	WOLSONG NUCLEAR POWER STATION CONSTRUCTION	KS	5084810
362046N 1024917E	MINHO ARMY BARRACKS AL1	CH	5084772
364031N 1031721E	YUNGTENG ARMY BARRACKS SSE AL3	CH	5084771
364052N 1031713E	YUNGTENG ARMY BARRACKS SSE AL2	CH	5084770
364237N 1031616E	YUNGTENG ARMY BARRACKS AL1 + HQ ARTILLERY DIV	CH	5084769
3643 N 10317 E	YUNGTENG MILITARY AREA	CH	5084768
360345N 1201740E	CHINGTAO NAVAL SHIPYARD LANDING SHIP NEW U/C	CH	5084829
373616N 0621030E	BAYRAM ALI TACTICAL SS-1 BARRACKS AL1	UR	5085031
373700N 0620915E	BAYRAM ALI ARMY BARRACKS AL2	UR	5085023
373110N 0684757E	KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA	UR	5084731
373110N 0684757E	KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA	UR	5084731
375925N 1254240E	HAEJU CEMENT PLANT CHOSEM EXPANSION	KN	5084738
371904N 1291738E	KO RI NUCLEAR POWER STATION CONSTRUCTION	KS	5084810
385007N 1253115E	TAEAN NODONGJAGU ELECTRICAL EQUIP PLANT PUG	KN	5084738
385650N 1255400E	PYONGYANG MANEUVER AREA SE FROG ACTIVITY	KN	5085040
390710N 1062255E	TAWUKOU ARMY BARRACKS AL1	CH	5084778
391145N 1061950E	SHIHTSUISHAN ARMY BARRACKS AL5	CH	5084775
391223N 1061854E	SHIHTSUISHAN ARMY BARRACKS AL1	CH	5084774

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COORD	SUBJECT	COUN	ACCN NO.
391342N 1061523E	SHIHTSUISHAN ARMY BARRACKS AL4	CH	S084779
391532N 1061040E	SHIHTSUISHAN ARMY BARRACKS AL3/DEFENSIVE AREA	CH	S084777
3916 N 10616 E	SHIHTSUISHAN MILITARY AREA	CH	S084773
391640N 1061902E	SHIHTSUISHAN DEFENSIVE AREA 2	CH	S084780
392030N 1061701E	SHIHTSUISHAN ARMY BARRACKS AL2/DEFENSIVE AREA	CH	S084776
394849N 1160805E	PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPSN	CH	S084798
395730N 1243910E	PIHYON UP MANUFACTURING PLANT U/I PUG	KN	S084738
393911N 1254010E	ANJU PULP + PAPER PLANT U/C	KN	
393909N 1254210E	ANJU CHEMICAL PLANT YOUTH U/C	KN	
394015N 1254245E	ANJU THERMAL POWER PLANT	KN	
392630N 1260130E	SUNCHON CEMENT PLANT EAST U/C	KN	
393453N 1261820E	PUKCHANG THERMAL POWER PLANT	KN	
394611N 1262103E	KUMSONG NI HYDROELECTRIC POWER PLANT U/C	KN	
404740N 0443112E	KIROVAKAN MILITARY INSTL U/I RADIO RELAY UNIT	UR	S085081
405735N 0442520E	STEPANAVAN ARMY BARRACKS AL3	UR	S085085
402452N 0451136E	KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION	UR	S084731
402452N 0451136E	KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION	UR	
400349N 0530025E	KRASNOVODSK AIRFIELD FIRING-IN BUTT MODIFIED	UR	S085003
404309N 1205939E	HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	S084733
404309N 1205939E	HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	
404309N 1205939E	HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD	CH	
404230N 1210120E	CHINHSI OPTICAL TRACKING FAC A MBL TRKG EQUIP	CH	S084824
400340N 1243445E	PAENGMA RI/TANTUNG POL PIPELINE EXPANSION	KN	S084738
400420N 1243245E	PAENGMA RI PETROLEUM REFINERY U/C	KN	
401230N 1242248E	TANTUNG/PAENGMA RI POL PIPELINE EXPANSION	CH	

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COORD	SUBJECT	COUN	ACCN NO.
400251N 1251241E	KUSONG TANK PLANT PUG T-62 TANKS SERIES PROD	KN	S085088
401158N 1273608E	SINHUNG ARMORED VEH ASBLY PLT SP AA GUN NEW	KN	S085137
402520N 1285458E	TANCHON MAGNESIA PLANT CONSTRUCTION	KN	S084738
412448N 0465630E	KURA RIVER CROSSING EXERCISE	UR	S085139

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410436N 1003000E	SHUANGCHENGZU MTC SAM TRACKING FAC 1 VEH ACT	CH	S085117
410430N 1003110E	SHUANGCHENGZU MTC SAM COMPLEX CSA-X-2/TEL	CH	
411828N 1001854E	SHUANGCHENGZU MTC ICBM SITE B1 SVC TWR MODIF	CH	S084734
410650N 1261615E	MANPO UP EXPLOSIVES PLANT	KN	S084738
411043N 1261730E	MANPO UP U/I FACILITY U/C	KN	
414537N 1294510E	CHONGJIN IRON + STEEL PLANT KIMCHAEK EXPSN	KN	
423957N 0231406E	KNYAZHEVO ARMY BARRACKS 1	BU	S084787
424010N 0232241E	SOFIYA ARMY BARRACKS 1	BU	S084786
420129N 0245347E	ASENOVGRAD ARMY BARRACKS 1	BU	S084785
423837N 0244743E	KARLOVO ARMY BARRACKS 1 + HEADQUARTERS	BU	S084788
423727N 0252217E	KAZANLUK ARMY BARRACKS 1	BU	S084782
422901N 0263120E	YAMBOL ARMY BARRACKS 1	BU	S085028
424022N 0262026E	SLIVEN ARMY BARRACKS 1/2/5/6/7	BU	S084783
422048N 0270957E	GRUDOVO ARMY BARRACKS WEST 1	BU	S084781
425255N 0473922E	KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL	UR	S085042
425255N 0473922E	KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL	UR	
421040N 1265600E	FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE	CH	S084828
421755N 1265231E	CHINGYU MTC SSM SITE POSS LAUNCH PAD U/C	CH	S085107

TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
421338N 1291604E	MUSAN IRON ORE CONCENTRATION PLANT EXPANSION	KN	S084738
421639N 1302104E	UNGGI PETROLEUM REFINERY EXPANSION	KN	
425200N 1312326E	SLAVYANKA SHIP REPAIR YARD FLOATING DRYDOCKS	UR	S084799
425212N 1323136E	STRELOK ZALIV SUBMARINE BASE SUBMARINE DPL	UR	S085110
425400N 1322110E	DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK	UR	S084799
425400N 1322110E	DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK	UR	
431645N 0265540E	SHUMEN ARMY BARRACKS NE 2/3	BU	S084784
430300N 0444040E	ORDZHONIKIDZE AVTOKOLONNA 1210	UR	S085138
434554N 0440048E	PROKHLADNY AVTOKOLONNA 1438	UR	S085078
432140N 0765855E	ALMA ATA AVTOKOLONNA 2551	UR	S085004
434250N 1273636E	CHIAOHO AW RADAR FACILITY POSS IDENTIFICATION	CH	S084925
434954N 1272840E	CHIAOHO RADIO RELAY STATION SUSP IDENT	Ch	
430504N 1315525E	VLADIVOSTOK SHIPYARD ULIS BUKHTA	UR	S084711
430643N 1315427E	VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK	UR	S084799
430643N 1315427E	VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK	UR	
435425N 1315547E	USSURIYSK/VOZDVIZHENKA AFLD BADGER LRA FORCE	UR	S084941
430703N 1322017E	PETROVKA NAVAL BASE + SHIPYARD	UR	S085012
430703N 1322017E	PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS	UR	S084799
430703N 1322017E	PETROVKA NAVAL BASE + SHIPYARD	UR	S085012
430703N 1322017E	PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS	UR	S084799
443014N 0333122E	BALAKLAVA MTC	UR	S085018
443655N 0333318E	SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY	UR	S084705
443655N 0333318E	SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY	UR	
443733N 0333321E	SEVASTOPOL NAVAL MISSILE SUPPORT FACILITY	UR	S084706

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
443745N 0333306E	SEVASTOPOL SHIP REPAIR YARD PANAIOTOVA GUBA	UR	S084704
443732N 0333501E	SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE	UR	S084707
443732N 0333501E	SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE	UR	
443700N 0333600E	SEVASTOPOL NAVAL FACILITIES APPROACHES EAST	UR	S084703
443643N 1325302E	SPASSK DALNIY AIRFIELD EAST BADGER LRA FORCE	UR	S084941
441150N 1331900E	STAROSYSOYEVKA ARMY BARRACKS AL1	UR	S085021
440302N 1454729E	YUZHNO KURILSK ARMY BARRACKS WNW NEW IDENT	UR	S084696
450808N 0353337E	FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS	UR	S085015
450808N 0353337E	FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS	UR	
452824N 0400005E	TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA	UR	S084731
452824N 0400005E	TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA	UR	
455850N 0630556E	TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE	UR	S085112
455850N 0630556E	TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE	UR	S085106
455149N 0732352E	SARY SHAGAN MTC COMPLEX G SH-EL-2 TOWER MTD	UR	S084832
455149N 0732352E	SARY SHAGAN MTC CPLX G SQUARE PAIR ANT SEARCH	UR	S084673
455100N 0733500E	SARY SHAGAN MTC ELECTRONICS TEST FAC ANT SRCH	UR	
453555N 1264005E	HAERHPIN AIRCRAFT ENGINE PLANT PINFANG 120	CH	S084793
450205N 1474547E	KASATKA ARMY BARRACKS AL1 CONST ACT INCREASE	UR	S084696
464858N 0321252E	NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA	UR	S084731
464858N 0321252E	NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA	UR	
461240N 0344556E	GENICHESK AIRFIELD NAVAL RESERVE	UR	S084741
460021N 0631833E	TYURATAM MTC CONSTRUCTION ACT U/I EXTENSIVE	UR	S085131
460214N 0630212E	TYURATAM MTC SPACE SITE U1 SL-12 LAUNCH PREP	UR	S084752
460425N 0630503E	TYURATAM MTC ICBM SITE L3 TYPE 3H SILO MODIF	UR	S084730

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
462326N 1340612E	LASTOCHKA AIRFIELD NAVAL RESERVE	UR	S084741
463707N 1424907E	KORSAKOVA AIRFIELD NAVAL RESERVE	UR	
464226N 1425225E	NOVAYA AIRFIELD NAVAL RESERVE	UR	
473050N 0311522E	VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION	UR	S084743
473050N 0311522E	VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION	UR	
474801N 0351054E	ZAPOROZHYE MOTOR VEHICLE PLANT KOMMUNAR	UR	S084792
471150N 0385220E	TAGANROG AIRFRAME PLANT 86 BERIYEV DESIGN BUR	UR	S084922
473120N 0403450E	MELEKHOVSKAYA RADIO RELAY STATION NE	UR	S085087
473800N 0414320E	MARIINSKAYA RADIO RELAY STATION	UR	
474227N 0410825E	KONSTANTINOVSKIY RADIO RELAY STATION	UR	

25X1

475530N 1065930E	ULAANBAATAR ARMY BARRACKS AL1	MO	S085005
471020N 1521605E	SIMUSHIR MILITARY INSTALLATION PROB CONST ACT	UR	S084696
482858N 0345852E	DNEPROPETROVSK STEEL PLANT PETROVSKIY	UR	S084956
483401N 0354912E	PAVLOGRAD SOLID MOTOR PRODUCTION PLANT EXPSN	UR	S084683
480507N 0423550E	MORSKOY RADIO RELAY STATION	UR	S085087
482040N 0430350E	NIZHNE CHRISKAYA RADIO RELAY STATION SW	UR	
484040N 0432910E	KALACH NA DONU RADIO RELAY STATION	UR	
484025N 0440332E	NOVYY ROGACHIK RADIO RELAY STATION	UR	
485700N 0441345E	KOTLUBAN RADIO RELAY STATION	UR	
481735N 0461216E	AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT	UR	S084739
481735N 0461216E	AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT	UR	
481735N 0461216E	AKHTUBINSK FLIGHT TEST CTR RAM J/LUK A MODIF	UR	S085129
4818 N 04613 E	VLADIMIROVKA ADVANCED WPNS CPLX FAD-699/707	UR	S084739
481851N 0461630E	AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT	UR	S084823
481851N 0461630E	AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT	UR	

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
482241N 0461218E	AKHTUBINSK/VLADIMIROVKA ASM STORAGE AREA CRTS	UR	5084739
483457N 0461754E	KAPUSTIN YAR MTC COMPLEX C SS-4 EQUIP CF	UR	5085134
483457N 0461754E	KAPUSTIN YAR MTC MRBM COMPLEX C SS-4 EQUIP CF	UR	
483555N 0461752E	KAPUSTIN YAR MTC ANT MASTS SS-20 ASSOC IDENT	UR	5084681
483555N 0461752E	KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	5085134
483555N 0461752E	KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	
483555N 0461752E	KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF	UR	
483658N 0461800E	KAPUSTIN YAR MTC CPLX C SITE 1 ELCT FACS SRCH	UR	5084924
483730N 0461205E	KAPUSTIN YAR MTC TELEMETRY/TRACKING FACILITY	UR	5084929
484116N 0461648E	KAPUSTIN YAR MTC SRBM TEL/RESUPPLY VEH U/I	UR	5085041
484551N 0461753E	KAPUSTIN YAR MTC SRBM CPLX TEL PROB NEW IDENT	UR	5085127
484726N 0461833E	KAPUSTIN YAR MTC MRBM SUPPORT FACILITY 6	UR	5084930
485200N 0463000E	KAPUSTIN YAR MTC INSTRUMENTATION SITE H1	UR	
485748N 0461540E	KAPUSTIN YAR MTC SAM TRACKING FACILITY 10	UR	5084928
480958N 0483624E	TEREKTY ASM IMPACT AREA OPERATIONS CTRL CTR	UR	5084659
481008N 0481658E	KAPUSTIN YAR/TEREKTY TRACKING FACILITY WEST	UR	
481355N 0482619E	KAPUSTIN YAR/TEREKTY TRACKING FACILITY CTRL	UR	
481515N 0483140E	TEREKTY ASM IMPACT AREA	UR	
4826 N 04840 E	KAPUSTIN YAR/TEREKTY TRACKING FACILITY NORTH	UR	
485932N 0493238E	KAPUSTIN YAR MTC INSTRUMENTATION SITE 1	UR	5084931
483454N 1032803E	BULGAN ARMY BARRACKS AL1	MG	5085024
480110N 1143120E	CHOYBALSAN ARMY BARRACKS AL8 MPL REGT IDENT	MG	5085136
480333N 1143755E	CHOYBALSAN MILITARY BARRACKS AL5 + HQ TK DIV	MG	5085025
480802N 1143847E	CHOYBALSAN AIRFIELD NE FITTER SU-17 COUNT	MG	5085077
482300N 1533600E	KURILSKIYE OSTROVA MILITARY ACTIVITY INCREASE	UR	5084696

TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
490149N 0172628E	KUNOVICE AIRFIELD	CZ	S084802
490235N 0172618E	KUNOVICE AIRFRAME PLANT	CZ	
491443N 0234726E	STRYY AIRFIELD BADGER TU-16 LRA FORCE	UR	S084941
490432N 0241812E	KALUSH CHEMICAL COMBINE	UR	S084809
495401N 0243939E	KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA	UR	S084731
495401N 0243939E	KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA	UR	
491852N 0272650E	DERAZHNYA SSM COMPLEX LCF DD SILO DOOR OPEN	UR	S085126
491939N 0272132E	DERAZHNYA ICBM SITE 5D TYPE 3G SILO EXCAVATED	UR	
494749N 0300135E	BELAYA TSEKOV AIRFIELD BADGER LRA FORCE	UR	S084941
490109N 0332700E	KREMENCHUG RAILROAD CAR MFG PLT ENGR VEHS NEW	UR	S084744
493740N 0342923E	POLTAVA AIRFIELD BADGER TU-16 LRA FORCE	UR	S084941
491550N 0370913E	IZYUM AIRFIELD POL STORAGE CAPACITY	UR	S085083

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490048N 1401341E	SOVETSKAYA GAVAN RESERVE FLEET BASE	UR	S084840
490125N 1401531E	SOVETSKAYA GAVAN SUBMARINE BASE	UR	S084839
491624N 1425539E	LEONIDOVO AIRFIELD NAVAL RESERVE	UR	S084741
502950N 0304430E	BROVARY ARMY BKS MINE-LAYING VEH PROB IDENT	UR	S084680
503434N 0321901E	PRILUKI AIRFIELD BADGER TU-16 LRA FORCE	UR	S084941

TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
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504034N 1060833E	NYANGI AIRFIELD FITTER SU-17 COUNT	UR	S085082
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25X1

500539N 1292539E	ZAVITINSK MILITARY BARRACKS AL1 MRD NEW IDENT	UR	S085072
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501132N 1293006E	ZAVITINSK AIRFIELD NE BADGER TU-16 LRA FORCE	UR	S084941
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503232N 1370248E	KOMSOMLSK SHIPYARD AMUR 199 V-2 SSN NEW PROB	UR	S084747
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25X1

515900N 0202100E	SKIERNIEWICE STORAGE FACILITY PROP POL RLTD	PL	S085079
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515900N 0202138E	SKIERNIEWICE ARMY BARRACKS 4	PL	
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510700N 0284100E	KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC	UR	S085113
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510700N 0284100E	KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC	UR	
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514238N 0291224E	YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT	UR	S084812
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514238N 0291224E	YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT	UR	
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511015N 0421400E	POVORINO AIRFIELD	UR	S085084
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515043N 0460751E	TATISHCHEVO SSM COMPLEX LCF KK CONST RESUMED	UR	S084834
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511052N 0712313E	TSELINOGRAD ARMY BARRACKS AL1	UR	S085029
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511930N 1062715E	GUSINOOZERSK MILITARY BARRACKS AL1 + HQ MRD	UR	S085022
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COORD	SUBJECT	COUN	ACCN NO.
512021N 1130114E	DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP	UR	S084745
512021N 1130114E	DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP	UR	
512718N 1130402E	DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	
512718N 1130402E	DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP	UR	
514957N 1134300E	KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA	UR	S084731
514957N 1134300E	KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA	UR	
[REDACTED]			
521824N 0310947E	GOMEL/PRIBYTKI AIRFIELD BADGER LRA FORCE	UR	S084941
523325N 0393822E	LIPETSK IRON + STEEL PLANT	UR	S084955
521420N 0452311E	TATISHCHEVO SSM COMPLEX LCF II CONST ACTIVITY	UR	S084838
[REDACTED]			
521031N 1035754E	BAKLASHI ARMY BARRACKS AL1 + HQ MRD UNITS NEW	UR	S085048
522525N 1034013E	ANGARSK RADIO COMMO/AM BDCST XMTR STATION SW	UR	S084731
[REDACTED]			
525454N 1033434E	BELAYA AIRFIELD BADGER TU-16 LRA FORCE	UR	S084941
525454N 1033434E	BELAYA AIRFIELD BACKFIRE B IDENTIFICATION	UR	S085039
525436N 1033421E	BELAYA AIRFIELD GCA SITE	UR	S084803
525454N 1033434E	BELAYA AIRFIELD	UR	
525540N 1033300E	BELAYA AAM SUPPORT FACILITY	UR	
522352N 1042220E	IRKUTSK LRA CP/BKR/RCVR STA MBL CP UNIT IDENT	UR	S085132
525358N 1582607E	PETROPAVLOVSK SHIPYARD/NAV HYDROACOUSTIC DVC	UR	S085111

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TOP SECRET CHESS RUFF

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COORD	SUBJECT	COUN	ACCN NO.
525358N 1582607E	PETROPAVLOVSK NAVAL BASE/SHPYD FLTG DRYDOCKS	UR	S084799
525358N 1582607E	PETROPAVLOVSK NAVAL BASE/SHPYD FLTG DRYDOCKS	UR	
525455N 1582952E	PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL	UR	S085109
525455N 1582952E	PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL	UR	
525740N 1583945E	PETROPAVLOVSK NAVAL BASE HYDROACOUSTIC DEVICE	UR	S085135

530610N 0291230E	BOBRUYSK AIRFIELD BADGER TU-16 LRA FORCE	UR	S084941
530830N 0291438E	BOBRUYSK ARMY BARRACKS AL2/HQ TK ARMY/TK DIV	UR	S085030
531502N 0342419E	BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS	UR	S084699
531502N 0342419E	BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS	UR	
533215N 0495116E	KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT	UR	S084921
533215N 0495116E	KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT	UR	
530344N 1583812E	PETROPAVLOVSK ARMY BKS AL24 ARTY UNITS NEW	UR	S085046
542207N 0183844E	GDANSK SHIFYARD NORTH STOCZNIA POLNOCNA	PL	S084710
543120N 0261720E	SMORGON IRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	S084662
543202N 0261747E	SMORGON IRBM COMMAND POST BKR SS-20 RLTD ACT	UR	
542622N 0301747E	ORSHA AIRFIELD SW BADGER TU-16 LRA FORCE	UR	S084941
541327N 0342208E	ANISOVO GOKODISHCHE AIRFIELD BADGER LRA FORCE	UR	
545401N 0372301E	SERPUKHOV SSM ENGR RSCH/TRNG WHD MATING EXER	UR	S084668
543830N 0395412E	RYAZAN/DYAGILEVO AIRFIELD BADGER LRA FORCE	UR	S084941
550910N 0265220E	POSTAVY MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	S084662
550926N 0265413E	POSTAVY MRBM COMMAND POST BKR SS-20 RLTD ACT	UR	
553908N 0274155E	MIORY AIRFIELD NAVAL RESERVE	UR	S084741
552440N 0283351E	POLOTSK MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT	UR	S084662

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COORD	SUBJECT	COUN	ACCN NO.
555233N 0380654E	SHCHELKOVO COSMONAUT TRAINING FACILITY	UR	S084923
555320N 0383450E	NOGINSK BALLISTICS TEST + TRAINING AREA POSS	UR	S084942
555320N 0383450E	NOGINSK BALLISTICS TEST + TRAINING AREA POSS	UR	
555011N 0483008E	ZELENODOLSK SHIPYARD 340 KONI CLASS FFG U/C	UR	S084679
551621N 0612659E	CHELYABINSK STEEL PLANT BAKAL	UR	S085017
551338N 0825942E	NOVOSIBIRSK NAVAL MISSILE TRSHPMT STORAGE CTR	UR	S084841
551616N 0830133E	NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE	UR	S084670
551616N 0830133E	NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE	UR	
551904N 0831001E	NOVOSIBIRSK MOBILE IRBM BASE SS-20 TRNG EXER	UR	
552500N 0855828E	KEMEROVO SOLID MOTOR PRODUCTION PLANT U/C	UR	S084682
551911N 0895727E	UZHUR ICBM SITE 26E WARHEAD HANDLING OP	UR	S085036
562000N 0371830E	DMITROV AUTOMOTIVE TEST TRACK	UR	S084805
564521N 0370700E	IVANKOVSKIY GUIDED MISSILE PLANT	UR	S084927
560737N 0381030E	KRASNOARMEYSK ORDNANCE R+D FACILITY	UR	S084807
560723N 0381254E	KRASNOARMEYSK LASER DEV + TEST LASER/MHD ACT	UR	S084671
560723N 0381254E	KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT	UR	S085047
560723N 0381254E	KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT	UR	
560723N 0381254E	KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROB	UR	S085038
560723N 0381254E	KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROB	UR	
562747N 0480919E	SUROK NAVAL MISSILE TRANSSHIPMENT STORAGE CTR	UR	S084789
560733N 0611535E	YUGO KONEVO GEOPHYSICAL EXPMT SITE MHD GENR	UR	S084727
561540N 0933135E	DODONOVO MISSILES + SPACE COMPONENTS PLANT	UR	S084732
561540N 0933135E	DODONOVO MISSILES + SPACE COMPONENTS PLANT	UR	
575548N 0600526E	NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD	UR	S084725
575548N 0600526E	NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD	UR	

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COORD	SUBJECT	COUN	ACCN NO.
5712 N 16133 E	KAMCHATKA MISSILE IMPACT AREAS ACT SUMMARY	UR	5084948
585200N 0254340E	KOIGI AIRFIELD NAVAL RESERVE	UR	5084741
582417N 0264624E	TARTU AIRFIELD BADGER TU-16 LRA FORCE	UR	5084941
580145N 0561708E	PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW	UR	5084830
580145N 0561708E	PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW	UR	
595910N 0294618E	KRONSHADT NAVAL BASE + SHIPYARD	UR	5084709
595910N 0294618E	KRONSHADT NAVAL BASE + SHIPYARD	UR	
5959 N 02946 E	KRONSHADT NAVAL FACILITIES APPROACHES	UR	5084708
595233N 0301406E	LENINGRAD SHIPYARD ZHDANOV 190B CL COMBATANT	UR	5084678
595302N 0301456E	LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD	UR	5084816
595302N 0301456E	LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD	UR	
595541N 0301645E	LENINGRAD SHIPYARD SUDOMEKH 196 SS ACTIVITY	UR	5084746
595502N 0301618E	LENINGRAD SHIPYARD ADMIRALTY SUB LAUNCH PROB	UR	5084835
593218N 1504630E	MAGADAN SUBMARINE BASE + SHIP REPAIR YARD	UR	5084712
593218N 1504630E	MAGADAN SUBMARINE BASE + SHIP REPAIR YARD	UR	
600044N 0302230E	LENINGRAD PHYSICS TECHNICAL INSTITUTE	UR	5085002
625816N 0413342E	PLESETSK MTC ICBM SITE 14 TYPE 3E SILO CONV	UR	5085035
633420N 0533940E	UKHTA RADIO RELAY + TV BROADCAST CENTER	UR	5078363
633420N 0533940E	UKHTA RADIO RELAY + TV BROADCAST CENTER	UR	
634125N 0564215E	ICHETDI RADIO RELAY STATION	UR	
643438N 0394832E	SEVERODVINSK SHIPYARD 402 G CLASS SSB MODIF	UR	5084742
643438N 0394832E	SEVERODVINSK SHIPYARD 402 LAUNCH BASIN	UR	5084799
643438N 0394832E	SEVERODVINSK SHIPYARD 402 G-1 CLASS SSB CONV	UR	5084806
643438N 0394832E	SEVERODVINSK SHIPYARD 402 SUB BOW CMPNT POSS	UR	5085116
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY OSTROV Y CL SSBN	UR	5085115

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COORD	SUBJECT	COUN	ACCN NO.
643514N 0394907E	SEVERODVINSK SHIPYARD YAGRY SHIPLIFTING BASIN	UR	S084799
644406N 1774428E	ANADYR/UGOLNYYE KOPI AFLD BADGER LRA FORCE	UR	S084941
672242N 0341331E	UMBOZERO AIRFIELD SOUTH NAVAL RESERVE	UR	S084741
673058N 0341838E	UMBOZERO AIRFIELD NAVAL RESERVE	UR	
680420N 0392824E	GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK	UR	S084799
680420N 0392824E	GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK	UR	
691507N 0311144E	KOSHKAYAVR AIRFIELD NAVAL RESERVE	UR	S084741
690145N 0330356E	ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK	UR	S084799
690145N 0330356E	ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK	UR	
690333N 0331324E	CHALMPUSHKA SHIP REPAIR YARD FLTG DRYDOCK	UR	
691156N 0332456E	PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK	UR	
691156N 0332456E	PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK	UR	
691250N 0331745E	OLENYA GUBA SUBMARINE RPR BASE FLTG DRYDOCK	UR	

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204925N 0170234W	NOUADHIBOU RAILROAD STA YD/SHOPS TRAIN DERAIL	MR	S085037
204707N 0761854W	HOLGUIN AIRFIELD HANGARETTE CONSTRUCTION	CU	S084943
222932N 0795630W	SANTA CLARA AIRFIELD HANGARETTES CONSTRUCTION	CU	
225216N 0823034W	SAN ANTONIO DE LOS BANOS AIRFIELD HANGARETTES	CU	
225216N 0823034W	SAN ANTONIO DE LOS BANOS AIRFIELD A/C DISPLAY	CU	S085119
2650 N 00651 W	AOUINET BEL EGRA SAHARAN REFUGEE CAMPS	AG	S084726
2740 N 00809 W	TINDOUF SAHARAN REFUGEE CAMPS	AG	
341226N 0032115W	GUERCIF ARMY BARRACKS ARMOR UNIT IDENT	MO	S085124



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COORD	SUBJECT	COUN	ACCN NO.
642454N 1731234W	PROVIDENIYA ARMY BARRACKS AL1 + HQ BRIGADE	UR	S084933
642543N 1731407W	PROVIDENIYA PORT FACILITIES T-4 CLASS LCM	UR	
161745S 0141910E	CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS	AO	S084795
161745S 0141910E	CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS	AO	
172930S 0241730E	KATIMA MOLILO MILITARY CAMP DEFENSIVE ACT	WA	S085019



2544 S 02810 E	PRETORIA AERONAUTICAL RSCH/DSGN CPLX SCIENTA	SF	S084737
254745S 0280850E	VALHALLA AIRCRAFT ENGINE TEST FACILITY	SF	
260824S 0281430E	JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS	SF	
260824S 0281430E	JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS	SF	
260901S 0281501E	JOHANNESBURG AIRFIELD PLT ATLAS ENG TEST FACS	SF	
280118S 0322649E	SAINT LUCIA MISSILE TEST RANGE	SF	S084791
295318S 0305942E	DURBAN SHIP RPR YD SANDOCK RESHEF CL PGG U/C	SF	S084667
230845S 0454659W	SAO JOSE DOS CAMPOS ARMORED VEH PLANT ENGESA	BR	S084808

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PART V

Listing of Reports by WAC/BE Number

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SUBJECT	IDHS CODE	COORD	COUHQ	ACCN NO.
ELECTRONICS, CHOP REST AW RADAR DEPLOYMENT			CH	S084961
AIRCRAFT, HOOK MI-6 SPECIAL PURPOSE			UR	S084695
AIRCRAFT, HIP C MI-8 SPECIAL PURPOSE			UR	
AIRCRAFT, COOT IL-18 BOAT-SHAPED ELCT MODIFS			UR	S084728
AIRCRAFT, COOT IL-18 NOSE EXTENSION MODIFS			UR	
AIRCRAFT, CAT AN-10 SPECIAL PURPOSE			UR	S084695
AIRCRAFT, CURL AN-26 SPECIAL PURPOSE			UR	
MILITARY, 107MM MULTIPLE ROCKET LNCHR 12 TUBE			KN	S084697
MILITARY, BMD-20 200MM MULTIPLE ROCKET LNCHR			UR	
MILITARY, BM-24 240MM MULTIPLE ROCKET LNCHR			UR	
MILITARY, BM-13 132MM MULTIPLE ROCKET LNCHR			UR	
MILITARY, BM-14/16 140MM MULTIPLE RKT LNCHR			UR	
MILITARY, TATRA-148S3 DUMP TRUCK 6X6			CZ	S084698
MILITARY, TATRA-148S1 DUMP TRUCK 6X6			CZ	
MILITARY, TATRA-148 CARGO TRUCK 6X6			CZ	
MILITARY, M-1977 MULTIPLE RKT LNCHR 12 TUBE			KN	S084697
MILITARY, BM-11 122MM MULTIPLE ROCKET LNCHR			KN	
SHIPS, KASHIN CLASS DDG VARIABLE DEPTH SONAR			UR	S084736
SHIPS, PETYA-1 CLASS FFL VARIABLE DEPTH SONAR			UR	
SHIPS, KRIVAK-1 CL FFG VARIABLE DEPTH SONAR			UR	
SHIPS, AIST CLASS LCAA MODIFIED			UR	S084665
MISSILES, SS-N-5 DIMENSIONS			UR	S084724

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK		680420N 0392824E	UR	S084799
GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK		680420N 0392824E	UR	
PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK		691156N 0332456E	UR	
PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK		691156N 0332456E	UR	
ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK		690145N 0330356E	UR	
ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK		690145N 0330356E	UR	
CHALMPUSHKA SHIP REPAIR YARD FLTG DRYDOCK		690333N 0331324E	UR	
OLENYA GUBA SUBMARINE RPR BASE FLTG DRYDOCK		691250N 0331745E	UR	
KOSHKAYAVR AIRFIELD NAVAL RESERVE		691507N 0311144E	UR	S084741
PROVIDENIYA PORT FACILITIES T-4 CLASS LCM		642543N 1731407W	UR	S084933
PROVIDENIYA ARMY BARRACKS AL1 + HQ BRIGADE		642454N 1731234W	UR	
ANADYR/UGOLNYYE KOPI AFLD BADGER LRA FORCE		644406N 1774428E	UR	S084941
UMBOZERO AIRFIELD NAVAL RESERVE		673058N 0341838E	UR	S084741
UMBOZERO AIRFIELD SOUTH NAVAL RESERVE		672242N 0341331E	UR	
SEVERODVINSK SHIPYARD 402 SUB BOW CMPNT POSS		643438N 0394832E	UR	S085116
SEVERODVINSK SHIPYARD 402 G-1 CLASS SSB CONV		643438N 0394832E	UR	S084806
SEVERODVINSK SHIPYARD 402 LAUNCH BASIN		643438N 0394832E	UR	S084799
SEVERODVINSK SHIPYARD 402 G CLASS SSB MODIF		643438N 0394832E	UR	S084742
SEVERODVINSK SHIPYARD YAGRY OSTROV Y CL SSBN		643514N 0394907E	UR	S085115
SEVERODVINSK SHIPYARD YAGRY SHIPLIFTING BASIN		643514N 0394907E	UR	S084799
ICHETDI RADIO RELAY STATION		634125N 0564215E	UR	S078363
UKHTA RADIO RELAY + TV BROADCAST CENTER		633420N 0533940E	UR	
UKHTA RADIO RELAY + TV BROADCAST CENTER		633420N 0533940E	UR	
PLESETSK MTC ICBM SITE 14 TYPE 3E SILO CONV		625816N 0413342E	UR	S085035
LENINGRAD PHYSICS TECHNICAL INSTITUTE		600044N 0302230E	UR	S085002
MAGADAN SUBMARINE BASE + SHIP REPAIR YARD		593218N 1504630E	UR	S084712
MAGADAN SUBMARINE BASE + SHIP REPAIR YARD		593218N 1504630E	UR	
LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD		595302N 0301456E	UR	S084816

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
LENINGRAD HEAVY EQUIP PLT KIROV 185 NAV RLTD		595302N 0301456E	UR	
LENINGRAD SHIPYARD ZHDANOV 190B CL COMBATANT		595233N 0301406E	UR	5084678
LENINGRAD SHIPYARD SUDOMEKH 196 SS ACTIVITY		595541N 0301645E	UR	5084746
LENINGRAD SHIPYARD ADMIRALTY SUB LAUNCH PROB		595502N 0301618E	UR	5084835
KRONSHADT NAVAL BASE + SHIPYARD		595910N 0294618E	UR	5084709
KRONSHADT NAVAL BASE + SHIPYARD		595910N 0294618E	UR	
KRONSHADT NAVAL FACILITIES APPROACHES		5959 N 02946 E	UR	5084708
TARTU AIRFIELD BADGER TU-16 LRA FORCE		582417N 0264624E	UR	5084941
KOIGI AIRFIELD NAVAL RESERVE		585200N 0254340E	UR	5084741
KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT		560723N 0381254E	UR	5085047
KRASNOARMEYSK LASER DEV + TEST WPN TEST ACT		560723N 0381254E	UR	
KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROB		560723N 0381254E	UR	5085038
KRASNOARMEYSK LASER DEV + TEST WPNS TEST PROB		560723N 0381254E	UR	
KRASNOARMEYSK LASER DEV + TEST LASER/MHD ACT		560723N 0381254E	UR	5084671
IVANKOVSKIY GUIDED MISSILE PLANT		564521N 0370700E	UR	5084927
KRASNOARMEYSK ORDNANCE R+D FACILITY		560737N 0381030E	UR	5084807
DMITROV AUTOMOTIVE TEST TRACK		562000N 0371830E	UR	5084805
SUROK NAVAL MISSILE TRANSHIPMENT STORAGE CTR		562747N 0480919E	UR	5084789
NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD		575548N 0600526E	UR	5084725
NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD		575548N 0600526E	UR	
PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW		580145N 0561708E	UR	5084830
PERM ARMAMENT + GM EQUIP PLT 172 FLD GUN NEW		580145N 0561708E	UR	
DODONOVO MISSILES + SPACE COMPONENTS PLANT		561540N 0933135E	UR	5084732
DODONOVO MISSILES + SPACE COMPONENTS PLANT		561540N 0933135E	UR	
KEMEROVO SOLID MOTOR PRODUCTION PLANT U/C		552500N 0855828E	UR	5084682

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
UZHUR ICBM SITE 26E WARHEAD HANDLING OP		551911N 0895727E	UR	S085036
NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE		551616N 0830133E	UR	S084670
NOVOSIBIRSK ICBM RTP SS-20 TRAINING EXERCISE		551616N 0830133E	UR	
NOVOSIBIRSK NAVAL MISSILE TRSHPMT STORAGE CTR		551338N 0825942E	UR	S084841
NOVOSIBIRSK MOBILE IRBM BASE SS-20 TRNG EXER		551904N 0831001E	UR	S084670
CHELYABINSK STEEL PLANT BAKAL		551621N 0612659E	UR	S085017
KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT		533215N 0495116E	UR	S084921
KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT		533215N 0495116E	UR	
ZELENODOLSK SHIPYARD 340 KONI CLASS FFG U/C		555011N 0483008E	UR	S084679
LIPETSK IRON + STEEL PLANT		523325N 0393822E	UR	S084955
TATISHCHEVO SSM COMPLEX LCF II CONST ACTIVITY		521420N 0452311E	UR	S084838
RYAZAN/DYAGILEVO AIRFIELD BADGER LRA FORCE		543830N 0393412E	UR	S084941
NOGINSK BALLISTICS TEST + TRAINING AREA POSS		555320N 0383450E	UR	S084942
NOGINSK BALLISTICS TEST + TRAINING AREA POSS		555320N 0383450E	UR	
BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS		531502N 0342419E	UR	S084699
BRYANSK ROAD MACH/GM SUPT EQUIP PLANT 1 TRANS		531502N 0342419E	UR	
SERPUKHOV SSM ENGR RSCH/TRNG WHD MATING EXER		545401N 0372301E	UR	S084668
SHCHELKOVO COSMONAUT TRAINING FACILITY		555233N 0380654E	UR	S084923
GOMEL/PRIBYTKI AIRFIELD BADGER LRA FORCE		521824N 0310947E	UR	S084941
ORSHA AIRFIELD SW BADGER TU-16 LRA FORCE		542622N 0301747E	UR	
ANISOVO GORODISHCHE AIRFIELD BADGER LRA FORCE		541327N 0342208E	UR	
BOBRUYSK ARMY BARRACKS AL2/H0 TK ARMY/TK DIV		530830N 0291438E	UR	S085030
POSTAVY MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT		550910N 0265220E	UR	S084662

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SMORGON IRBM HQ RADIO RCVR BKR SS-20 RLTD ACT		543120N 0261720E	UR	
POLOTSK MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT		552440N 0283351E	UR	
POSTAVY MRBM COMMAND POST BKR SS-20 RLTD ACT		550926N 0265413E	UR	
SMORGON IRBM COMMAND POST BKR SS-20 RLTD ACT		543202N 0261747E	UR	
BOBRUYSK AIRFIELD BADGER TU-16 LRA FORCE		530610N 0291230E	UR	S084941
MIORY AIRFIELD NAVAL RESERVE		553908N 0274155E	UR	S084741
GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA		542207N 0183844E	PL	S084710
[REDACTED]				
PETROPAVLOVSK SHIPYARD/NAV HYDROACOUSTIC DVC		525358N 1582607E	UR	S085111
PETROPAVLOVSK NAVAL BASE/SHPYD FLT6 DRYDOCKS		525358N 1582607E	UR	S084799
PETROPAVLOVSK NAVAL BASE/SHPYD FLT6 DRYDOCKS		525358N 1582607E	UR	
PETROPAVLOVSK NAVAL BASE HYDROACOUSTIC DEVICE		525740N 1583945E	UR	S085135
PETROPAVLOVSK ARMY BKS AL24 ARTY UNITS NEW		530344N 1583812E	UR	S085046
PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL		525455N 1582952E	UR	S085109
PETROPAVLOVSK SUBMARINE BASE + SHPYD SUB DPL		525455N 1582952E	UR	
BELAYA AIRFIELD GCA SITE		525436N 1033421E	UR	S084803
ANGARSK RADIO COMMO/AM BDCST XMTR STATION SW		522525N 1034013E	UR	S084731
BELAYA AAM SUPPORT FACILITY		525540N 1033300E	UR	S084803
BELAYA NUCLEAR WEAPONS STORAGE SITE		525418N 1032746E	UR	
BAKLASHI ARMY BARRACKS AL1 + HQ MRD UNITS NEW		521031N 1035754E	UR	S085048
IRKUTSK LRA CP/BKR/RCVR STA MBL CP UNIT IDENT		522352N 1042220E	UR	S085132

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
MALTA BW STORAGE FAC POSS U/C EXPLO STGE POSS		524827N 1032930E	UR	
BELAYA AIRFIELD BADGER TU-16 LRA FORCE		525454N 1033434E	UR	S084941
BELAYA AIRFIELD BACKFIRE B IDENTIFICATION		525454N 1033434E	UR	S085039
BELAYA AIRFIELD		525454N 1033434E	UR	S084803
CHOYBALSAN MILITARY BARRACKS AL5 + HQ TK DIV		480333N 1143755E	MG	S085025
KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA		514957N 1134300E	UR	S084731
KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA		514957N 1134300E	UR	
GUSINOOZERSK MILITARY BARRACKS AL1 + HQ MRD		511930N 1062715E	UR	S085022
CHOYBALSAN ARMY BARRACKS AL8 MRL REGT IDENT		480110N 1143120E	MG	S085136
DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP		512718N 1130402E	UR	S084745
DROVYANAYA MOBILE IRBM BASE 1 SS-16/20 EQUIP		512718N 1130402E	UR	
DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP		512021N 1130114E	UR	
DROVYANAYA MOBILE IRBM BASE 2 SS-16/20 EQUIP		512021N 1130114E	UR	
CHOYBALSAN AIRFIELD NE FITTER SU-17 COUNT		480802N 1143847E	MG	S085077
NYANGI AIRFIELD FITTER SU-17 COUNT		504034N 1060833E	UR	S085082

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ZAVITINSK MILITARY BARRACKS AL1 MRD NEW IDENT		500539N 1292539E	UR	S085072
ZAVITINSK AIRFIELD NE BADGER TU-16 LRA FORCE		501132N 1293006E	UR	S084941
KOMSOMOLSK SHIPYARD AMUR 199 V-2 SSN NEW PROB		503232N 1370248E	UR	S084747
SOVETSKAYA GAVAN SUBMARINE BASE		490125N 1401531E	UR	S084839
SOVETSKAYA GAVAN RESERVE FLEET BASE		490048N 1401341E	UR	S084840
LEONIDOVO AIRFIELD NAVAL RESERVE		491624N 1425539E	UR	S084741
KURILSKIYE OSTROVA MILITARY ACTIVITY INCREASE		482300N 1533600E	UR	S084696

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KALUSH CHEMICAL COMBINE		490432N 0241812E	UR	S084809
KUNOVICE AIRFRAME PLANT		490235N 0172618E	CZ	S084802
KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA		495401N 0243939E	UR	S084731
KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA		495401N 0243939E	UR	
SKIERNIEWICE ARMY BARRACKS 4		515900N 0202138E	PL	S085079
SKIERNIEWICE STORAGE FACILITY PROB POL RLTD		515900N 0202100E	PL	
KUNOVICE AIRFIELD		490149N 0172628E	CZ	S084802
STRYY AIRFIELD BADGER TU-16 LRA FORCE		491443N 0234726E	UR	S084941
KREMENCHUG RAILROAD CAR MFG PLT ENGR VEHS NEW		490109N 0332700E	UR	S084744
BROVARY ARMY BKS MINE-LAYING VEH PROB IDENT		502950N 0304430E	UR	S084680
YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT		514238N 0291224E	UR	S084812
YELSK SSM POSITION 3 SS-16/20 EQUIPMENT IDENT		514238N 0291224E	UR	
KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC		510700N 0284100E	UR	S085113
KOROSTEN ARMY BARRACKS NNE AL4 SA-6/8 BIVOUAC		510700N 0284100E	UR	
DERAZHNYA ICBM SITE 5D TYPE 36 SILO EXCAVATED		491939N 0272132E	UR	S085126
DERAZHNYA SSM COMPLEX LCF DD SILO DOOR OPEN		491852N 0272650E	UR	
BELAYA TSERKOV AIRFIELD BADGER LRA FORCE		494749N 0300135E	UR	S084941
PRILUKI AIRFIELD BADGER TU-16 LRA FORCE		503434N 0321901E	UR	
MORSKOY RADIO RELAY STATION		480507N 0423550E	UR	S085087
DNEPROPETROVSK STEEL PLANT PETROVSKIY		482858N 0345852E	UR	S084956
PAVLOGRAD SOLID MOTOR PRODUCTION PLANT EXPNS		483401N 0354912E	UR	S084683
IZYUM AIRFIELD POL STORAGE CAPACITY		491550N 0370913E	UR	S085083
POLTAVA AIRFIELD BADGER TU-16 LRA FORCE		493740N 0342923E	UR	S084941

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
POVORINO AIRFIELD		511015N 0421400E	UR	S085084
KAPUSTIN YAR/TEREKTY TRACKING FACILITY WEST		481008N 0481658E	UR	S084659
TEREKTY ASM IMPACT AREA		481515N 0483140E	UR	
KAPUSTIN YAR MTC TELEMETRY/TRACKING FACILITY		483730N 0461205E	UR	S084929
KAPUSTIN YAR MTC INSTRUMENTATION SITE 1		485932N 0493238E	UR	S084931
KAPUSTIN YAR/TEREKTY TRACKING FACILITY NORTH		4826 N 04840 E	UR	S084659
AKHTUBINSK/VLADIMIROVKA AF D MSL NEW IDENT		481851N 0461630E	UR	S084823
AKHTUBINSK/VLADIMIROVKA AFLD MSL NEW IDENT		481851N 0461630E	UR	
KAPUSTIN YAR MTC SAM TRACKING FACILITY 10		485748N 0461540E	UR	S084928
KAPUSTIN YAR MTC INSTRUMENTATION SITE H1		485200N 0463000E	UR	S084930
KAPUSTIN YAR MTC SRBM CPLX TEL PROB NEW IDENT		484551N 0461753E	UR	S085127
AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT		481735N 0461216E	UR	S084739
AKHTUBINSK FLIGHT TEST CTR RAM J/LUK A MODIF		481735N 0461216E	UR	S085129
AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT		481735N 0461216E	UR	S084739
KAPUSTIN YAR MTC COMPLEX C SS-4 EQUIP CF		483457N 0461754E	UR	S085134
KAPUSTIN YAR MTC MRBM COMPLEX C SS-4 EQUIP CF		483457N 0461754E	UR	
KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF		483555N 0461752E	UR	
KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF		483555N 0461752E	UR	
KAPUSTIN YAR MTC MRBM CPLX SS-16/20 EQUIP CF		483555N 0461752E	UR	
KAPUSTIN YAR MTC ANT MASTS SS-20 ASSOC IDENT		483555N 0461752E	UR	S084681
KAPUSTIN YAR MTC CPLX C SITE 1 ELCT FACS SRCH		483658N 0461800E	UR	S084924
KAPUSTIN YAR MTC SRBM TEL/RESUPPLY VEH U/I		484116N 0461648E	UR	S085041
AKHTUBINSK/VLADIMIROVKA ASM STORAGE AREA CRTS		482241N 0461218E	UR	S084739
KAPUSTIN YAR MTC MRBM SUPPORT FACILITY 6		484726N 0461833E	UR	S084930
KOTLUBAN RADIO RELAY STATION		485700N 0441345E	UR	S085087

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
NIZHNE CHRISKAYA RADIO RELAY STATION SW		482040N 0430350E	UR	
KALACH NA DONU RADIO RELAY STATION		484040N 0432910E	UR	
NOVYY ROGACHIK RADIO RELAY STATION		484025N 0440332E	UR	
TATISHCHEVO SSM COMPLEX LCF KK CONST RESUMED		515043N 0460751E	UR	S084834

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TSELINOGRAD ARMY BARRACKS AL1

511052N 0712313E UR S085029

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BULGAN ARMY BARRACKS AL1

SARY SHAGAN MTC ELECTRONICS TEST FAC ANT SRCH

SARY SHAGAN MTC COMPLEX G SH-EL-2 TOWER MTD

SARY SHAGAN MTC CPLX G SQUARE PAIR ANT SEARCH

TYURATAM MTC CONSTRUCTION ACT U/I EXTENSIVE

TYURATAM MTC ICBM SITE L3 TYPE 3H SILO MODIF

TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE

483454N 1032803E MG S085024

455100N 0733500E UR S084673

455149N 0732352E UR S084832

455149N 0732352E UR S084673

460021N 0631833E UR S085131

460425N 0630503E UR S084730

455850N 0630556E UR S085112

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
TYURATAM MTC ICBM SITE V2 TYPE 3H SILO DAMAGE		455850N 0630556E	UR	S085106
TYURATAM MTC SPACE SITE U1 SL-12 LAUNCH PREP		460214N 0630212E	UR	S084752
KONSTANTINOVSKIY RADIO RELAY STATION		474227N 0410825E	UR	S085087
MARIINSKAYA RADIO RELAY STATION		473800N 0414320E	UR	
TAGANROG AIRFRAME PLANT 86 BERIYEV DESIGN BUR		471150N 0385220E	UR	S084922
ZAPORozHYE MOTOR VEHICLE PLANT KOMMUNAR		474801N 0351054E	UR	S084792
TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA		452824N 0400005E	UR	S084731
TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA		452824N 0400005E	UR	
FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS		450808N 0353337E	UR	S085015
FEODOSIYA NAVAL MSL SUPT FACIL SA-X-11 CMPNTS		450808N 0353337E	UR	
MELEKHOVSKAYA RADIO RELAY STATION NE		473120N 0403450E	UR	S085087
BALAKLAVA MTC		443014N 0333122E	UR	S085018
SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY		443655N 0333318E	UR	S084705
SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY		443655N 0333318E	UR	
SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE		443732N 0333501E	UR	S084707
SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE		443732N 0333501E	UR	
SEVASTOPOL SHIP REPAIR YARD PANAIOTOVA GUBA		443745N 0333306E	UR	S084704
NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA		464858N 0321252E	UR	S084731
NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA		464858N 0321252E	UR	
SEVASTOPOL NAVAL MISSILE SUPPORT FACILITY		443733N 0333321E	UR	S084706
SEVASTOPOL NAVAL FACILITIES APPROACHES EAST		443700N 0333600E	UR	S084703
GENICHESK AIRFIELD NAVAL RESERVE		461240N 0344556E	UR	S084741
VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION		473050N 0311522E	UR	S084743

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
VOZNESENSK AIRFIELD CAMOUFLAGE + DECEPTION		473050N 0311522E	UR	
SIMUSHIR MILITARY INSTALLATION PROB CONST ACT		471020N 1521605E	UR	S084696
KASATKA ARMY BARRACKS AL1 CONST ACT INCREASE		450205N 1474547E	UR	
YUZHNO KURILSK ARMY BARRACKS WNW NEW IDENT		440302N 1454729E	UR	
KORSAKOVA AIRFIELD NAVAL RESERVE		463707N 1424907E	UR	S084741
NOVAYA AIRFIELD NAVAL RESERVE		464226N 1425225E	UR	
STAROSYSOYEVKA ARMY BARRACKS AL1		441150N 1331900E	UR	S085021
SPASSK DALNIY AIRFIELD EAST BADGER LRA FORCE		443643N 1325302E	UR	S084941
LASTOCHKA AIRFIELD NAVAL RESERVE		462326N 1340612E	UR	S084741
HAERHPIN AIRCRAFT ENGINE PLANT PINFANG 120		453555N 1264005E	CH	S084793
ULAANBAATAR ARMY BARRACKS AL1		475530N 1065930E	MG	S085005
SHUANGCHENGZU MTC SAM COMPLEX CSA-X-2/TEL		410430N 1003110E	CH	S085117
SHUANGCHENGZU MTC SAM TRACKING FAC 1 VEH ACT		410430N 1003000E	CH	
SHUANGCHENGZU MTC ICBM SITE B1 SVC TWR MODIF		411828N 1001854E	CH	S084734
CHINHSI OPTICAL TRACKING FAC A MBL TRKG EQUIP		404230N 1210120E	CH	S084824
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD		404309N 1205939E	CH	S084733
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD		404309N 1205939E	CH	
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD		404309N 1205939E	CH	
TANTUNG/PAENGMA RI POL PIPELINE EXPANSION		401230N 1242248E	CH	S084738
MANPU UP EXPLOSIVES PLANT		410650N 1261615E	KN	
CHINGYU MTC SSM SITE POSS LAUNCH PAD U/C		421755N 1265231E	CH	S085107
MANPU UP U/I FACILITY U/C		411043N 1261730E	KN	S084738
CHIAOHO RADIO RELAY STATION SUSP IDENT		434954N 1272840E	CH	S084925
CHIAOHO AW RADAR FACILITY POSS IDENTIFICATION		434250N 1273636E	CH	
TANCHON MAGNESIA PLANT CONSTRUCTION		402520N 1285458E	KN	S084738
CHONGJIN IRON + STEEL PLANT KIMCHAEK EXPSN		414537N 1294510E	KN	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KUSONG TANK PLANT PUG T-62 TANKS SERIES PROD		400251N 1251241E	KN	S085088
MUSAN IRON ORE CONCENTRATION PLANT EXPANSION		421338N 1291604E	KN	S084738
UNGGI PETROLEUM REFINERY EXPANSION		421839N 1302104E	KN	
SINHUNG ARMORED VEH ASBLY PLT SP AA GUN NEW		401158N 1273608E	KN	S085137
PAENGMA RI/TANTUNG POL PIPELINE EXPANSION		400340N 1243445E	KN	S084738
FUSUNG SSM FIELD POSITION 3 CSS-2 EXERCISE		421040N 1265600E	CH	S084828
PAENGMA RI PETROLEUM REFINERY U/C		400420N 1243245E	KN	S084738
VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK		430643N 1315427E	UR	S084799
VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK		430643N 1315427E	UR	
PETROVKA NAVAL BASE + SHIPYARD		430703N 1322017E	UR	S085012
PETROVKA NAVAL BASE + SHIPYARD		430703N 1322017E	UR	
PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS		430703N 1322017E	UR	S084799
PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS		430703N 1322017E	UR	
STRELOK ZALIV SUBMARINE BASE SUBMARINE DPL		425212N 1323136E	UR	S085110
DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK		425400N 1322110E	UR	S084799
DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK		425400N 1322110E	UR	
VLADIVOSTOK SHIPYARD ULIS BUKHTA		430504N 1315525E	UR	S084711
SLAVYANKA SHIP REPAIR YARD FLOATING DRYDOCKS		425200N 1312326E	UR	S084799
USSURIYSK/VOZDVIZHENKA AFLD BADGER LRA FORCE		435425N 1315547E	UR	S084941
KNYAZHEVO ARMY BARRACKS 1		423957N 0231406E	RU	S084787
SOFIYA ARMY BARRACKS 1		424010N 0232241E	RU	S084786
YAMBOL ARMY BARRACKS 1		422901N 0263120E	RU	S085028
ASENOVGRAD ARMY BARRACKS 1		420129N 0245347E	RU	S084785
SHUMEN ARMY BARRACKS NE 2/3		431645N 0265540E	RU	S084784

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KARLOVO ARMY BARRACKS 1 + HEADQUARTERS		423837N 0244743E	BU	S084788
KAZANLUK ARMY BARRACKS 1		423727N 0252217E	BU	S084782
SLIVEN ARMY BARRACKS 1/2/5/6/7		424022N 0262026E	BU	S084783
GRUDOVO ARMY BARRACKS WEST 1		422048N 0270957E	BU	S084781
KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION		402452N 0451136E	UR	S084731
KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION		402452N 0451136E	UR	
STEPANAVAN ARMY BARRACKS AL3		405735N 0442520E	UR	S085085
KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL		425255N 0473922E	UR	S085042
KASPIYSK NAVAL R+D FACILITY KASP A ENG INSTL		425255N 0473922E	UR	
ORDZHONIKIDZE AVTOKOLONNA 1210		430300N 0444040E	UR	S085138
PROKHLADNYY AVTOKOLONNA 1438		434554N 0440048E	UR	S085078
KRASNOVODSK AIRFIELD FIRING-IN BUTT MODIFIED		400349N 0530025E	UR	S085003
ALMA ATA AVTOKOLONNA 2551		432140N 0765855E	UR	S085004

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KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA		373110N 0684757E	UR	S084731
KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA		373110N 0684757E	UR	
BAYRAM ALI ARMY BARRACKS AL2		373700N 0620915E	UR	S085023
BAYRAM ALI TACTICAL SS-1 BARRACKS AL1		373616N 0621030E	UR	S085031
ANJU THERMAL POWER PLANT		394015N 1254245E	KN	S084738
PIHYON UP MANUFACTURING PLANT U/I PUG		395730N 1243910E	KN	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SUNCHON CEMENT PLANT EAST U/C		392630N 1260130E	KN	
WOLSONG NUCLEAR POWER STATION CONSTRUCTION		354237N 1292837E	KS	S084810
ANJU PULP + PAPER PLANT U/C		393911N 1254010E	KN	S084738
HAEJU CEMENT PLANT CHOSEM EXPANSION		375925N 1254240E	KN	
TAEAN NODONGJAGU ELECTRICAL EQUIP PLANT PUG		385007N 1253115E	KN	
PUKCHANG THERMAL POWER PLANT		393453N 1261820E	KN	
PYONGYANG MANEUVER AREA SE FROG ACTIVITY		385650N 1255400E	KN	S085040
ANJU CHEMICAL PLANT YOUTH U/C		393909N 1254210E	KN	S084738
KUMSONG NI HYDROELECTRIC POWER PLANT U/C		394611N 1262103E	KN	
PEICHING GUIDED MSL DPC CHANGHSINTIEN EXPNS		394849N 1160805E	CH	S084798
CHINGTAO NAVAL SHIPYARD LANDING SHIP NEW U/C		360345N 1201740E	CH	S084829
SHIHTSUISHAN ARMY BARRACKS AL1		391223N 1061854E	CH	S084774
TAWUKOU ARMY BARRACKS AL1		390710N 1062255E	CH	S084778
SHIHTSUISHAN ARMY BARRACKS AL4		391342N 1061523E	CH	S084779
SHIHTSUISHAN DEFENSIVE AREA 2		391640N 1061902E	CH	S084780
SHIHTSUISHAN ARMY BARRACKS AL3/DEFENSIVE AREA		391532N 1061040E	CH	S084777
SHIHTSUISHAN ARMY BARRACKS AL5		391145N 1061950E	CH	S084775
YUNGTENG ARMY BARRACKS SSE AL2		364052N 1031713E	CH	S084770
YUNGTENG ARMY BARRACKS AL1 + HQ ARTILLERY DIV		364237N 1031616E	CH	S084769
YUNGTENG ARMY BARRACKS SSE AL3		364031N 1031721E	CH	S084771
MINHO ARMY BARRACKS AL1		362046N 1024917E	CH	S084772
SHIHTSUISHAN ARMY BARRACKS AL2/DEFENSIVE AREA		392030N 1061701E	CH	S084776
YUNGTENG MILITARY AREA		3643 N 10317 E	CH	S084768
SHIHTSUISHAN MILITARY AREA		3916 N 10616 E	CH	S084773

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
ANKOUCHEN AMMUNITION + GRENADE PLANT		351540N 1064630E	CH	S084801
HSIAN RADAR PLANT 786		341626N 1090019E	CH	S084672
YOSU EXPLOSIVES + MUNITIONS PLANT		345150N 1274530E	KS	S084676
KO RI NUCLEAR POWER STATION CONSTRUCTION		371904N 1291738E	KS	S084810
GUERCIF ARMY BARRACKS ARMOR UNIT IDENT		341226N 0032115W	MO	S085124
TARABULUS MILITARY VEH STGE AIR DEF STGE DPO		325002N 0131959E	LY	S085034
TARABULUS PORT FACILITIES		325408N 0131127E	LY	S085008
TARABULUS PORT FACILITIES ARMS DELIVERY SOV		325408N 0131127E	LY	S085130
TARABULUS PORT FACILITIES ARMS DELIVERY SOV		325408N 0131127E	LY	
TARABULUS PORT FACILITIES FROG-7 EQUIP		325408N 0131127E	LY	S085108
TARABULUS PORT FACILITIES FROG-7 EQUIP		325408N 0131127E	LY	
OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 DELIVERY		325346N 0131632E	LY	S084819
OKBA IBN NAFA AIRFIELD FOXBAT A MIG-25 IDENT		325346N 0131632E	LY	S084817
OKBA IBN NAFA AIRFIELD FOXBAT MIG-25 COUNTS		325346N 0131632E	LY	S085043
[REDACTED]				
BAGHDAD AIRFIELD INTL CANDID IRAQI AIRWAYS		331520N 0441330E	IZ	S084831
TABAS EARTHQUAKE DAMAGE		333545N 0565525E	IR	S085122
TABAS EARTHQUAKE DAMAGE		333545N 0565525E	IR	S085121
TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS		333636N 0565724E	IR	S085120
TABAS AIRFIELD EARTHQUAKE RELIEF EFFORTS		333636N 0565724E	IR	
GADWAL AMMUNITION PRODUCTION + LOADING FACIL		334830N 0724445E	PK	S084794
[REDACTED]				
MULTAN CHEMICAL FERTILIZER PLANT		301250N 0713230E	PK	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
SUEZ CANAL SPECIAL AREA 1203 MECH INF BRIGADE		301800N 0315700E	EG	S084821
REFIDIM AIRFIELD DUMMY AIRFIELD ISRAELI U/C		302450N 0330904E	EG	S084815
ETZION AIRFIELD ISRAELI OCCUPIED DUMMY AFLD		293640N 0344630E	EG	S085045
SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV		311200N 0255420E	EG	S084837
SIDI MUHAMMED EL GARRARI RAILYARD ARMOR MOV		311200N 0255420E	EG	
SHANGHAI SOLAR POWER PLANT EXPERIMENTAL IDENT		311800N 1213248E	CH	S084810
SHANGHAI SHIPYARD KIANGNAN SUBMARINE PROD		311205N 1212901E	CH	S084733
WUHAN SHIPYARD WUCHANG SUBMARINE PRODUCTION		303158N 1141713E	CH	
WUHAN IRON + STEEL PLANT		303734N 1142627E	CH	S084947
KUANGCHI SHIPYARD TRUCK PRODUCTION		294940N 1153040E	CH	S084733
KUANGCHI SHIPYARD TRUCK PRODUCTION		294940N 1153040E	CH	
SUNGLIN MTC		281420N 1020149E	CH	S084926
SUNGLIN MTC MISSILE ASSEMBLY/CHECKOUT FACIL		281307N 1020132E	CH	
SUNGLIN MTC MAIN SUPPORT BASE		281140N 1020653E	CH	
SUNGLIN MTC LAUNCH SITE SUSP U/C		281155N 1020337E	CH	
CHENG TU AIRFRAME PLANT 132		304227N 1035747E	CH	S085014
KUNMING SSM FIELD POSITION CSS-2 EXERCISE		245208N 1025347E	CH	S084825
KARACHI THERMAL NUCLEAR POWER PLT HAWKES BAY		245038N 0664708E	PK	S084794
NOUADHIBOU RAILROAD STA YD/SHOPS TRAIN DERAILED		204925N 0170234W	MR	S085037
HOLGUIN AIRFIELD HANGARETTE CONSTRUCTION		204707N 0761854W	CU	S084943
SAN ANTONIO DE LOS BANOS AIRFIELD A/C DISPLAY		225216N 0823034W	CU	S085119
SAN ANTONIO DE LOS BANOS AIRFIELD HANGARETTES		225216N 0823034W	CU	S084943
SANTA CLARA AIRFIELD HANGARETTES CONSTRUCTION		222932N 0795630W	CU	

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HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD		230510N 1132442E	CH	S084733
HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD		230510N 1132442E	CH	
KUANGCHOU SHIPYARD CHUCHIANG YU LIANG LSM U/C		230536N 1131448E	CH	S084833
BAI BANG PAPER PLANT		212457N 1051848E	VM	S084663
HAN OI THERMAL POWER PLANT RECONSTRUCTION		210235N 1055051E	VM	
TINH TUC TIN MINING COMPLEX RECONSTRUCTION		223935N 1055238E	VM	
BAC GIANG CHEMICAL FERTILIZER PLANT RECONST		211810N 1061225E	VM	
VIET TRI CHEMICAL PLANT RECONSTRUCTION		211805N 1052505E	VM	
THAI NGUYEN IRON + STEEL COMBINE RECONST		213337N 1055227E	VM	
THAI NGUYEN IRON ORE PROCESSING PLANT RECONST		213518N 1055734E	VM	
VIET TRI THERMAL POWER PLANT RECONSTRUCTION		211757N 1052526E	VM	
THAI NGUYEN THERMAL POWER PLANT RECONST		213636N 1054906E	VM	
HAN OI TRANSFORMER SUBSTATION RECONSTRUCTION		210826N 1055045E	VM	
PHU THO CHEMICAL FERTILIZER PLANT RECONST		212000N 1051720E	VM	
BAC GIANG THERMAL POWER PLANT RECONSTRUCTION		211810N 1061210E	VM	
LANG CHI HYDROELECTRIC POWER PLANT RECONST		214446N 1050141E	VM	
AL GHAYDAH MILITARY CAMP INFANTRY BATTALIONS		161150N 0521120E	YS	S084729
SRI HARIKOTA ISLAND ROCKET LNCH STA FAN SONG		134100N 0801340E	TN	S084818
KHAWR AL Umayrah Infantry Battalions		124100N 0440740E	YS	S084729
AL KIRSH Infantry Battalion		132150N 0442925E	YS	
AD DALI Infantry Battalions		134600N 0444340E	YS	
ATAQ Military Camp HQ Infantry		143237N 0464925E	YS	
BAYHAN AL QISAB Military Barracks Infantry		144712N 0454306E	YS	
MUKAYRIS Military Barracks Area Infantry BN		135532N 0454000E	YS	
AGORDAT Infantry Brigade		153300N 0375250E	FT	S084822
POCHENTONG Airfield Beagle IL-28 Ident		113246N 1045052E	CB	S085123
SIGA MEDA Military Trng Camp Tank/APC Ident		090126N 0383856E	ET	S085044
JIJIGA Military Barracks Mech Inf Brgd Ident	0918 N 04246 E		ET	S084820
JIJIGA Military Barracks Armor Brigade Convoy	0918 N 04246 E		ET	S085033
LIDDETTA Airfield Military Parade Preparation		090004N 0384338E	ET	S084827
LIDDETTA Airfield Military Parade Preparation		090004N 0384338E	ET	

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SUBJECT	IDHS CODE	COORD	COUN	ACCN NO.
KATIMA MOLILO MILITARY CAMP DEFENSIVE ACT		172930S 0241730E	WA	S085019
CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS		161745S 0141910E	AO	S084795
CAHAMA MILITARY CAMP DEF MEASURES/TRNG FACILS		161745S 0141910E	AO	
SAO JOSE DOS CAMPOS ARMORED VEH PLANT ENGESA		230845S 0454659W	RR	S084808
VALHALLA AIRCRAFT ENGINE TEST FACILITY		254745S 0280850E	SF	S084737
JOHANNESBURG AIRFIELD PLT ATLAS ENG TEST FACS		260901S 0281501E	SF	
JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS		260824S 0281430E	SF	
JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS		260824S 0281430E	SF	
SAINT LUCIA MISSILE TEST RANGE		280118S 0322649E	SF	S084791
DURBAN SHIP RPR YD SANDOCK RESHEF CL PGG U/C		295318S 0305942E	SF	S084667

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PART VI

Listing of Reports by Accession Number

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MILITARY, RIVER CROSSING UNITS	KN
WAC NO :	BE/OBJ NO: NPIC NO :
IDHS CODE:	EPF CAT : 35 COMIREX NO:
MILITARY, S-TYPE PONTOON BRIDGE NEW	KN
WAC NO :	BE/OBJ NO: NPIC NO :
IDHS CODE:	EPF CAT : 35E COMIREX NO:

ANALYSIS OF IMAGERY SHOWS THAT SINCE 1970 THE NORTH KOREANS HAVE VASTLY IMPROVED THE RIVER-CROSSING CAPABILITY OF THEIR GROUND FORCES. SIX NEW RIVER-CROSSING UNITS HAVE BEEN FORMED AND ALL OF THE FIVE ALREADY EXISTING UNITS HAVE BEEN EXPANDED OR PARTIALLY RE-EQUIPPED WITH NEWER EQUIPMENT. THE NUMBER OF K-61 TRACKED AMPHIBIANS IN ACTIVE RIVER-CROSSING UNITS IS ESTIMATED TO HAVE MORE THAN TRIPLED AND THE NUMBER OF PONTONS IS ESTIMATED TO HAVE MORE THAN QUADRUPLED. NORTH KOREA'S THREE RIVER-CROSSING BATTALIONS ARE WITHIN 60 KILOMETERS OF SOUTH KOREA, AND ITS OTHER RIVER-CROSSING UNITS ARE GARRISONED WITHIN 25 KILOMETERS OF PYONGYANG. ALL BUT ONE OF THE UNITS ARE STRATEGICALLY GARRISONED NEAR MAJOR RIVER-CROSSING SITES.

SINCE 1974 THE TYPE OF PONTON BEING DEPLOYED HAS CHANGED -- FROM THE TRADITIONAL SOVIET-DESIGNED TMP/TPP TO THE IMPROVED DOMESTICALLY DESIGNED MODEL REFERRED TO BY DIA AS THE S-TYPE RIBBON BRIDGING PONTON. THESE NEW-TYPE PONTONS, WHICH OFFER INCREASED EFFICIENCY OVER THE OLDER TMP/TPPS, HAVE BEEN USED BOTH TO FORM NEW UNITS AND TO REPLACE MOST OF THE TMP/TPPS IN EXISTING UNITS. THE STILL TACTICALLY VALUABLE TMP/TPPS THAT HAVE BEEN REPLACED BY THE S-TYPE PONTON BRIDGES ARE PROBABLY BEING FORMED INTO OTHER NEW UNITS OR STOCKPILED AT KEY REAR-AREA RIVER-CROSSING POINTS.

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100
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

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25X1

[Redacted]

25X1

NPIC SR SR055-78 AUG 78 [Redacted] SEC CLASS: 14B MSN: 3P ACCN: S084662 25X1

POSTAVY MRBM COMMAND POST BKR SS-20 RLTD ACT UR 550926N 0265413E 25X1

[Redacted] 25X1

POSTAVY MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT UR 550910N 0265220E 25X1

[Redacted] 25X1

SMORGON IRBM HQ RADIO RCVR BKR SS-20 RLTD ACT UR 543120N 0261720E 25X1

[Redacted] 25X1

SMORGON IRBM COMMAND POST BKR SS-20 RLTD ACT UR 543202N 0261747E 25X1

[Redacted] 25X1

POLOTSK MRBM HQ RADIO RCVR BKR SS-20 RLTD ACT UR 552440N 0283351E 25X1

[Redacted] 25X1

CIA IRP IS10118J-78 JUL 78 [Redacted] SEC CLASS: 25 MSN: 21P ACCN: S084663 25X1

INDUSTRY, WAR DAMAGE RECONSTRUCTION VM 25X1

WAC NO : BE/OBJ NO: NPIC NO : 25X1

IDHS CODE: EPF CAT : 30 COMIREX NO: 25X1

THAI NGUYEN STEEL ROLLING MILL RECONSTRUCTION VM 2133 N 10552 E 25X1

[Redacted] 25X1

VIET TRI TEXTILE PLANT VM 2118 N 10526 E 25X1

[Redacted] 25X1

BAC GIANG CHEMICAL FERTILIZER PLANT RECONST VM 211810N 1061225E 25X1

[Redacted] 25X1

[Redacted]

25X1

TOP SECRET CHESS RUFF

25X1
25X1

PHU THO CHEMICAL FERTILIZER PLANT RECONST	VM	212000N 1051720E
VIET TRI CHEMICAL PLANT RECONSTRUCTION	VM	211805N 1052505E
BAC GIANG THERMAL POWER PLANT RECONSTRUCTION	VM	211810N 1061210E
HAN OI THERMAL POWER PLANT RECONSTRUCTION	VM	210235N 1055051E
LANG CHI HYDROELECTRIC POWER PLANT RECONST	VM	214446N 1050141E
THAI NGUYEN THERMAL POWER PLANT RECONST	VM	213636N 1054906E
VIET TRI THERMAL POWER PLANT RECONSTRUCTION	VM	211757N 1052526E
HAN OI TRANSFORMER SUBSTATION RECONSTRUCTION	VM	210826N 1055045E
THAI NGUYEN IRON + STEEL COMBINE RECONST	VM	213337N 1055227E
THAI NGUYEN IRON ORE PROCESSING PLANT RECONST	VM	213518N 1055734E
TINH TUC TIN MINING COMPLEX RECONSTRUCTION	VM	223935N 1055238E
BAI BANG PAPER PLANT	VM	212457N 1051848E

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THE VIETNAMESE GOVERNMENT HAS MADE CONSIDERABLE PROGRESS IN RECONSTRUCTING DAMAGED AND DESTROYED INDUSTRIAL FACILITIES IN THE NORTH SINCE THE END OF THE BOMBINGS THERE IN JANUARY 1973. ANALYSIS OF 13 MAJOR PLANTS IMAGED ON PHOTOGRAPHY OF SEPTEMBER 1977 -- ABOUT 30 PERCENT OF THOSE CONSIDERED TO BE NORTH VIETNAM'S MAJOR INDUSTRIAL PLANTS AT THE END OF THE BOMBINGS -- SHOWS THAT THE 12 WHICH WERE DAMAGED HAVE BEEN RESTORED TO OPERATIONAL STATUS, AND THAT FIVE OF THEM HAVE BEEN EXPANDED. IN ADDITION, TWO NEW LARGE PLANTS -- A TEXTILE PLANT NEAR VIET TRI AND A PAPER PLANT UNDER CONSTRUCTION NEAR PHU THO -- WERE OBSERVED

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TOP SECRET CHESS RUFF

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IN THE AREA COVERED BY PHOTOGRAPHY. SEVERAL SMALL PLANTS, INCLUDING TEXTILE AND GLASS PRODUCTS PLANTS, AND NUMEROUS SMALL DAMS HAVE ALSO BEEN CONSTRUCTED. ACCORDING TO INFORMATION FROM SOURCES OTHER THAN PHOTOGRAPHY, THE SOVIET UNION, CHINA, FRANCE, AND SWEDEN HAVE AIDED THE VIETNAMESE IN THEIR RECONSTRUCTION EFFORTS.

25X1

ARMY BIIB BAC24-5002-78 SEP 78 SEC CLASS: O8M MSN: 4P ACCN: 5084665

SHIPS, AIST CLASS LCAA MODIFIED
WAC NO :

UR
NPIC NO :

25X1

103
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
2001

IDHS CODE:

EPF CAT : 756

COMIREX NO:

THIS BASIC IMAGERY INTERPRETATION BRIEF (BIIB) UPDATES USAIIC BASIC IMAGERY INTERPRETATION REPORT (BIIR) RAC 24/003/74, "AIST CLASS AIR CUSHION VEHICLE," DATED JANUARY 1974, AND PROVIDES A DETAILED DESCRIPTION OF THE LATEST MODIFICATIONS MADE TO THE CRAFT. THIS NEW CRAFT IS DESIGNATED THE MODIFIED AIST, AND IS THE LARGEST MILITARY AIR CUSHION VEHICLE USED BY THE SOVIET NAVY. MODIFICATIONS INCLUDE A NEW WEAPONS SYSTEM, ADDITIONAL ELECTRONICS, AN ELONGATED AIR INTAKE TUNNEL, AND AN ENLARGED FORWARD DECK CABIN. INFORMATION WAS DERIVED FROM TECHNICAL PUBLICATIONS, HANDHELD PHOTOGRAPHY, AND GROUND OBSERVATIONS MADE BY MILITARY ATTACHES. INCLUDED IN THIS BRIEF ARE ANNOTATED HANDHELD PHOTOGRAPHY, A LINE DRAWING, MENSURATION DATA, THE BASIC DESCRIPTION OF THE CRAFT, AND SOURCE REFERENCE DATA. INFORMATION IS CURRENT AS OF MAY 1978.

25X1

104
TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

25X1

25X1

NPIC SR SR058-78 AUG 78 [] SEC CLASS: 14B MSN: 3P ACCN: S084668 25X1

SERPUKHOV SSM ENGR RSCH/TRNG WHD MATING EXER UR 545401N 0372301E

25X1

ACTIVITY RECENTLY OBSERVED WITHIN THE TECHNICAL TRAINING AND SUPPORT AREA AT SERPUKHOV SSM ENGINEERING RESEARCH/TRAINING FACILITY, USSR, INDICATES THAT WARHEAD MATING TRAINING WILL PROBABLY BE CONDUCTED HERE FOR THE SS-20 IRBM AND POSSIBLY THE SS-16 ICBM SYSTEMS. THE ACTIVITY INCLUDES THE CONSTRUCTION OF TWO BUILDINGS WHICH ARE ASSOCIATED WITH PAYLOAD HANDLING FOR NEW GENERATION IRBM/ICBM SYSTEMS, THE CONSTRUCTION OF AN 11-BAY, SS-16/-20-ASSOCIATED GARAGE, AND THE ONSITE ARRIVAL OF PROBABLE COMPONENTS FOR AN SS-20-ASSOCIATED, SINGLE-BAY, SLIDING-ROOF GARAGE.

CIA IRP IS10151J-78 JUL 78 [] SEC CLASS: 25 MSN: 27P ACCN: S084669 25X1

MILITARY, ARMORED FORCES EXPANSION 1970-1977 KN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

THIS REPORT DESCRIBES CHANGES OBSERVED ON OVERHEAD PHOTOGRAPHY IN THE TANK, ASSAULT GUN, AND APC INVENTORY OF THE NORTH KOREAN ARMY SINCE 1970. IT IS BASED ON A DETAILED EXAMINATION OF REPETITIVE PHOTOGRAPHIC COVERAGE OF ALL KNOWN NKA ARMOR UNITS. FOR THE 1970-75 PERIOD, AT LEAST ONE PHOTOGRAPHIC COVERAGE FROM EACH YEAR OF NEARLY ALL ARMORED UNITS WAS EXAMINED. FOR 1976 AND 1977, ALL PHOTOGRAPHIC COVERAGE ACQUIRED OF ARMOR UNITS WAS EXAMINED.

THE LOCATIONS OF ARMORED UNITS WERE DERIVED FROM THE NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER'S INSTALLATIONS DATA FILE, THE DEFENSE INTELLIGENCE AGENCY ORDER OF BATTLE, THE US ARMY INTELLIGENCE AND SECURITY COMMAND ORDER OF BATTLE, AND INFORMATION FROM THE OFFICE OF IMAGERY ANALYSIS FILES.

ALTHOUGH ALL KNOWN SOURCES WERE USED TO COMPILE THE LOCATIONS OF ARMORED UNITS, IT IS POSSIBLE THERE ARE SOME UNITS THAT HAVE NOT BEEN LOCATED. DURING THE COURSE OF THIS STUDY IT WAS FOUND THAT A NUMBER OF ARMORED UNITS HAD EXISTED FOR SEVERAL YEARS BEFORE THEY WERE DETECTED; THEREFORE, IT IS POSSIBLE THAT SOME UNITS FORMED DURING THE LAST FEW YEARS REMAIN UNDETECTED. IN ADDITION, PRODUCTION ESTIMATES OF T-54/55 TYPE TANKS FOR 1975 THROUGH 1977 AT NORTH KOREA'S KUSONG TANK PLANT ARE GREATER THAN THE INCREASE OBSERVED IN NORTH KOREA'S ARMORED FORCE DURING THE SAME PERIOD OF TIME. CONSEQUENTLY, THE ESTIMATE OF THE 1977 ARMOR INVENTORY IN THE NKA MAY BE LOW--POSSIBLY ON THE ORDER OF SEVERAL HUNDRED ARMORED VEHICLES.

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NPIC MEMO

[Redacted]

05 OCT 78

[Redacted]

SEC CLASS: 13

MSN:

2P

ACCN: S084673

25X1

SARY SHAGAN MTC CPLX 6 SQUARE PAIR ANT SEARCH UR 455149N 0732352E

[Redacted]

25X1

SARY SHAGAN MTC ELECTRONICS TEST FAC ANT SKCH UR 455100N 0733500E

[Redacted]

25X1

[Redacted]

25X1

TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

[Redacted]

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[Large Redacted Area]

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NPIC SR

SR060-78

AUG 78

[Redacted]

SEC CLASS: 14B MSN:

3P

ACCN: S084681

25X1

KAPUSTIN YAR MTC ANT MASTS SS-20 ASSOC IDENT UR 483555N 0461752E

[Redacted]

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ON IMAGERY [Redacted] AT KAPUSTIN YAR MEDIUM RANGE TEST COMPLEX C SITE 2, FIVE ANTENNA MASTS WERE IDENTIFIED FOR THE FIRST TIME DEPLOYED WITH SS-20 MOBILE MISSILE EQUIPMENT. THESE MASTS WERE APPROXIMATELY 15 METERS HIGH AND APPEARED TO BE DEPLOYED IN SETS OF TWO AND THREE. THE DEPLOYED SETS OF ANTENNA MASTS DO

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[Redacted]

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TOP SECRET CHESS RUFF



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NOT CONFORM TO KNOWN HIGH-FREQUENCY (HF) ANTENNA CONFIGURATIONS AND NO UHF/VHF ANTENNAS COULD BE DISCERNED ON THE INDIVIDUAL MASTS. ONE MAST IN EACH SET WAS ERECTED IN A CLEARING APPROXIMATELY 25 METERS FROM THE NEAREST VEHICLE AND THE OTHER MASTS IN THE SETS WERE APPARENTLY ATTACHED TO THE REAR OF VAN TRUCKS OR ADJACENT VEHICLES. CABLES CONNECTED THE VEHICLES HAVING ANTENNA MASTS TO OTHER SS-20-ASSOCIATED VEHICLES, BUT NO DEFINITE PATTERN WAS IDENTIFIED. THE ONLY OTHER COMMUNICATIONS EQUIPMENT IDENTIFIED WITH THE MOBILE MISSILE EQUIPMENT AT THIS SITE WAS AN R-133 TWIN EAR ANTENNA, WHICH HAS BEEN PREVIOUSLY ASSOCIATED WITH THE SS-20 MOBILE MISSILE SYSTEM.

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NPIC SR SR057-78 AUG 78 [REDACTED] SEC CLASS: 14D MSN: 5P ACCN: 508468225X1

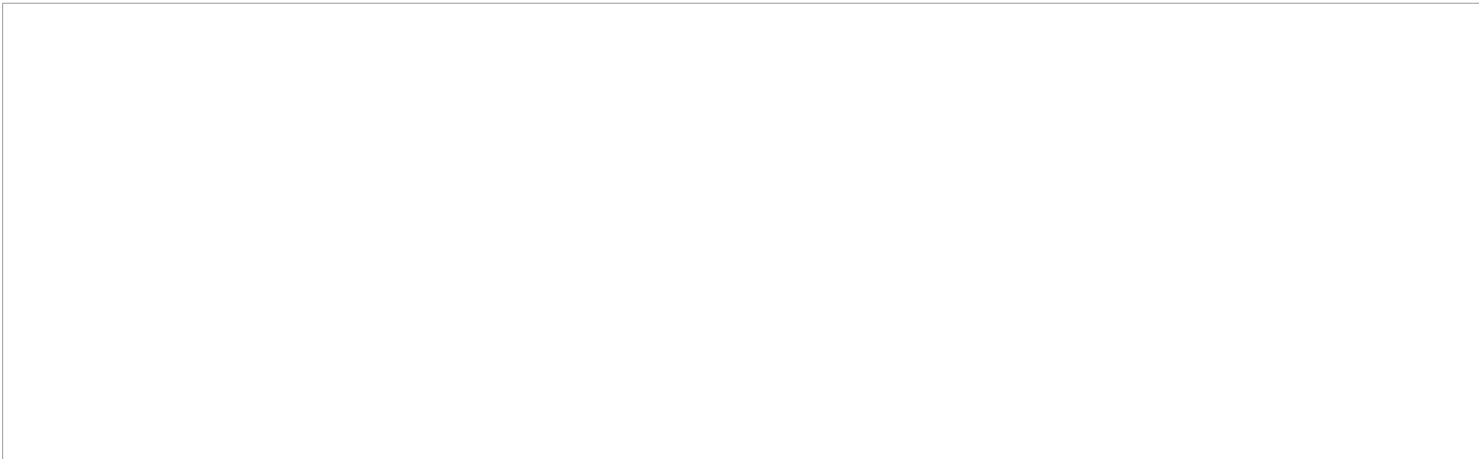
KEMEROVO SOLID MOTOR PRODUCTION PLANT U/C UR 552500N 0855828E



25X1

A NEW PROBABLE SOLID MOTOR PRODUCTION PLANT WAS OBSERVED UNDER CONSTRUCTION ON [REDACTED] WITHIN THE KEMEROVO SOLID PROPELLANT PRODUCTION COMPLEX, USSR. IT IS APPROXIMATELY 1 NAUTICAL MILE EAST OF THE EXISTING SOLID MOTOR PRODUCTION PLANT. THIS NEW PLANT IS DOUBLE FENCE SECURED AND WILL BE ROAD AND RAIL SERVED WHEN COMPLETED. THE KEMEROVO COMPLEX CURRENTLY PRODUCES SINGLE-BASE PROPELLANT AND COMPOSITE SOLID PROPELLANTS FOR ROCKET MOTORS. IT IS TOO EARLY TO DETERMINE THE KIND OF PROPELLANTS WHICH WILL BE PRODUCED WITHIN THIS NEW PLANT AND THE DIRECTION OF PRODUCTION FLOW.

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ARMY BIIR RAC24-0003-78 MAY 78 [REDACTED] SEC CLASS: 14BY MSN: 48P ACCN: S08469725X1

MILITARY, 107MM MULTIPLE ROCKET LNCHR 12 TUBE	KN	
WAC NO :	NPIC NO :	25X1
IDHS CODE:	COMIREX NO:	
MILITARY, BM-11 122MM MULTIPLE ROCKET LNCHR	KN	
WAC NO :	NPIC NO :	25X1
IDHS CODE:	COMIREX NO:	
MILITARY, BM-11/21 MULTIPLE ROCKET LAUNCHER	KN	
WAC NO :	NPIC NO :	25X1
IDHS CODE:	COMIREX NO:	
MILITARY, M-1977 MULTIPLE RKT LNCHR 12 TUBE	KN	
WAC NO :	NPIC NO :	25X1
IDHS CODE:	COMIREX NO:	
MILITARY, BM-13 132MM MULTIPLE ROCKET LNCHR	UR	
WAC NO :	NPIC NO :	25X1
IDHS CODE:	COMIREX NO:	
MILITARY, BM-14/16 140MM MULTIPLE RKT LNCHR	UR	
WAC NO :	NPIC NO :	25X1
IDHS CODE:	COMIREX NO:	
MILITARY, BMD-20 200MM MULTIPLE ROCKET LNCHR	UR	
WAC NO :	BE/OBJ NO: 640090	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, BM-24 240MM MULTIPLE ROCKET LNCHR	UR	
WAC NO :	BE/OBJ NO: 640091	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:
MILITARY, MULTIPLE ROCKET LAUNCHERS	KN	
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35E	COMIREX NO:

THE PURPOSE OF THIS BASIC IMAGERY INTERPRETATION REPORT (BIIR) IS TO PROVIDE CURRENT INFORMATION ON THE FOLLOWING NORTH KOREAN INDIGENOUSLY PRODUCED MULTIPLE ROCKET LAUNCHERS (MRL'S): THE 107MM TOWED MRL; THE BM-11 AND ITS TWO VARIANTS, THE BM-11/21 (CHAJUHO) AND THE BM-11/21 (SUNGNI-1010); AND THE MRL M-1977. THE REPORT CONTAINS A BASIC DESCRIPTION OF EACH MRL, IDENTIFICATION FEATURES, AND LOCATIONS OF ASSEMBLY/PRODUCTION. ALSO INCLUDED IS A RECOGNITION GUIDE FOR SOVIET MRL'S KNOWN TO BE DEPLOYED IN NORTH

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KOREA. THE BIIR CONSISTS OF TEXT, REFERENCE DATA, ANNOTATED PHOTOGRAPHS, LINE DRAWINGS, ARTISTS' CONCEPTS, SIZE COMPARISON CHART, AND A MAP. THE INFORMATION CUTOFF DATE FOR THIS REPORT IS 31 MARCH 1978.

ARMY BIIR RAC24-5004-78 JUL 78 SEC CLASS: 08B MSN: 12P ACCN: S084698

MILITARY, TATRA-148 CARGO TRUCK 6X6		CZ
WAC NO :	BE/OBJ NO	NPIC NO :
IDHS CODE:	EPF CAT	COMIREX NO:
MILITARY, TATRA-148S1 DUMP TRUCK 6X6		CZ
WAC NO :	BE/OBJ NO	NPIC NO :
IDHS CODE:	EPF CAT	COMIREX NO:
MILITARY, TATRA-148S3 DUMP TRUCK 6X6		CZ
WAC NO :	BE/OBJ NO	NPIC NO :
IDHS CODE:	EPF CAT	COMIREX NO:

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THIS BASIC IMAGERY INTERPRETATION REPORT (BIIR) PROVIDES INFORMATION ON THE CZECHOSLOVAKIAN TATRA 148 SERIES OF TRUCKS, WITH EMPHASIS ON THE TATRA 148, 6X6, CARGO TRUCK USED BY THE CZECHOSLOVAKIAN MILITARY FORCES.

THIS REPORT, BASED ON HANDHELD PHOTOGRAPHY AND DOCUMENTED REPORTS, INCLUDES A BASIC AND PHYSICAL DESCRIPTION, ANNOTATED PHOTOGRAPHS, A TABLE OF CHARACTERISTICS, AND A LINE DRAWING WITH DIMENSIONS OF THE TATRA 148, 6X6, CARGO TRUCK. THE INFORMATION IS CURRENT AS OF 15 MAY 1978.

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DIA	NBRG	NDA06-5082-77	18 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084703
		SEVASTOPOL NAVAL FACILITIES APPROACHES EAST		UR	443700N 0333600E		
		[REDACTED]		NPIC NO	:		25X1
				COMIREX NO:			25X1
DIA	NBRG	NDA06-5083-77	18 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084704
		SEVASTOPOL SHIP REPAIR YARD PANAIOTOVA GUBA		UR	443745N 0333306E		
		[REDACTED]		NPIC NO	:	- 62-02	25X1
				COMIREX NO:			25X1
DIA	NBRG	NDA06-5084-77	18 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084705
		SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY		UR	443655N 0333318E		
		[REDACTED]		NPIC NO	:	- 62-04	25X1
				COMIREX NO:			25X1
		SEVASTOPOL NAVAL BASE/SHIPYARD KILENBALOCHNAY		UR	443655N 0333318E		
		[REDACTED]		NPIC NO	:	- 62-04	25X1
				COMIREX NO:			25X1
DIA	NBRG	NDA06-5085-77	18 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084706
		SEVASTOPOL NAVAL MISSILE SUPPORT FACILITY		UR	443733N 0333321E		
		[REDACTED]		NPIC NO	:	- 62-C7	25X1
				COMIREX NO:			25X1
DIA	NBRG	NDA06-5086-77	18 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084707
		SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE		UR	443732N 0333501E		
		[REDACTED]		NPIC NO	:	- 62-Q	25X1
				COMIREX NO:			25X1
		SEVASTOPOL NAVAL MISSILE + TORPEDO STORAGE		UR	443732N 0333501E		
		[REDACTED]		NPIC NO	:	- 62-Q	25X1
				COMIREX NO:			25X1
DIA	NBRG	NDA06-5129-77	18 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084708

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TOP SECRET CHESS RUFF

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TOP SECRET CHESS RUFF

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KRONSHADT NAVAL FACILITIES APPROACHES

UR 5959 N 02946 E
NPIC NO :
COMIREX NO:

25X1

DIA NBRG NDA06-5130-77 17 AUG 78

SEC CLASS: 05B MSN:

1P

ACCN: S084709

KRONSHADT NAVAL BASE + SHIPYARD

UR 595910N 0294618E

25X1

KRONSHADT NAVAL BASE + SHIPYARD

UR 595910N 0294618E

25X1

DIA NBRG NDA06-5125-77 17 AUG 78

SEC CLASS: 05B MSN:

1P

ACCN: S084710

GDANSK SHIPYARD NORTH STOCZNIA POLNOCNA

PL 542207N 0183844E

25X1

DIA NBRG NDA06-5131-77 17 AUG 78

SEC CLASS: 05G MSN:

1P

ACCN: S084711

VLADIVOSTOK SHIPYARD ULIS BUKHTA

UR 430504N 1315525E

25X1

DIA NBRG NDA06-5132-77 17 AUG 78

SEC CLASS: 05G MSN:

1P

ACCN: S084712

MAGADAN SUBMARINE BASE + SHIP REPAIR YARD

UR 593218N 1504630E

25X1

MAGADAN SUBMARINE BASE + SHIP REPAIR YARD

UR 593218N 1504630E

25X1

CIA INFR IS10181K-78 03 AUG 78

SEC CLASS: 13 MSN:

8P

ACCN: S084725

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TOP SECRET CHESS RUFF

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MILITARY: T-72 TANK PROD PROBLEMS 1977-1978 UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 356 COMIREX NO:
 NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD UR 575548N 0600526E

25X1

NIZHNIY TAGIL RAILROAD CAR PLT T-72 TANK PROD UR 575548N 0600526E

25X1

THE SOVIETS ARE EXPERIENCING PRODUCTION PROBLEMS WITH THE T-72 TANK. THESE PROBLEMS MAY BE RELATED TO MANUFACTURING PROBLEMS AT NIZHNIY TAGIL RAILROAD CAR MANUFACTURING PLANT KAGANOVICH 183, WHICH PRODUCES THE T-72, OR THEY COULD BE THE RESULT OF COMPONENTS PRODUCTION PROBLEMS AT ANOTHER PLANT. NIZHNIY TAGIL 183 BEGAN PRODUCING THE T-72 IN MID-1974 AND IT IS STILL THE ONLY KNOWN T-72 TANK PRODUCTION PLANT. ALTHOUGH THIS PLANT ACHIEVED ESTIMATED DAILY PRODUCTION RATES OF MORE THAN FIVE TANKS A DAY IN 1977 AND OVER SEVEN TANKS A DAY IN 1978, WE HAVE ALSO SEEN PERIODS OF NEGLIGIBLE TO ZERO PRODUCTION FIVE TIMES IN 1977 AND TWICE IN 1978. ONE OF THE LOW PRODUCTION PERIODS IN 1978 LASTED FOR 41 DAYS. THESE DISRUPTIONS WOULD HAVE REDUCED T-72 PRODUCTION IN 1977 AND WILL ALSO SUBSTANTIALLY REDUCE 1978 PRODUCTION FROM THE OUTPUT THAT COULD HAVE BEEN ACHIEVED IF THE HIGHEST ESTIMATED DAILY PRODUCTION RATES HAD BEEN MAINTAINED THROUGHOUT THE YEAR. THIS REPORT CONTAINS TABLES WHICH LIST THE DATES OF INTERPRETABLE IMAGERY OF NIZHNIY TAGIL 183 IN 1977 AND 1978 AND THE ESTIMATED DAILY PRODUCTION RATE WHEN IT WAS POSSIBLE TO DETERMINE.*

CIA INFR IS10197K-78 04 AUG 78 [] SEC CLASS: 13 MSN: 4P ACCN: S084726 25X1

TINDOUF SAHARAN REFUGEE CAMPS AG 2740 N 00809 W
 [] BE/OBJ NO: NPIC NO :
 EPF CAT : 10A COMIREX NO:
 AOUINET BEL EGRA SAHARAN REFUGEE CAMPS AG 2650 N 00651 W
 [] BE/OBJ NO: NPIC NO :
 EPF CAT : 10A COMIREX NO:

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REFUGEES WHO FLED SPANISH SAHARA FOLLOWING THE 1975 MOROCCAN AND MAURITANIAN OCCUPATION OF THIS FORMER SPANISH COLONY ARE PRESENTLY SETTLED IN LARGE TENT CAMPS IN SOUTHWESTERN ALGERIA. SEVEN CAMPS WITH OVER 3, 500 TENTS ARE NEAR THE TOWN OF TINDOUF. TWO CAMPS WITH 960 TENTS ARE AT AOUINET BEL EGRA, AN OASIS APPROXIMATELY 160 KILOMETERS SOUTHEAST OF TINDOUF. ASSUMING THAT EACH TENT CONTAINS FROM FIVE TO EIGHT PEOPLE, THE REFUGEE POPULATION AT TINDOUF COULD RANGE FROM 17,500 TO MORE THAN 28,000 AND AT AOUINET BEL EGRA FROM 4,800 TO 7,700.

CIA INFR IS10183K-78 27 JUL 78 [] SEC CLASS: 13 MSN: 9P ACCN: S084727 25X1

YUGO KONEVO GEOPHYSICAL EXPMT SITE MHD GENR UR 560733N 0611535E
 WAC NO : 0156 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 65A COMIREX NO:

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TOP SECRET CHESS RUFF

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ZNAI

A SOVIET GEOPHYSICAL EXPERIMENT THAT INVOLVES THE USE OF A ROCKET-MOTOR-DRIVEN MAGNETOHYDRODYNAMIC (MHD) GENERATOR HAS BEEN IDENTIFIED IN THE URAL MOUNTAINS AT A SITE ABOUT 80 KILOMETERS SOUTHEAST OF SVERDLOVSK.

CIA INFR IS10187K-78 08 AUG 78 [REDACTED] SEC CLASS: 13 MSN: 15P ACCN: S084728 25X1

AIRCRAFT: COOT IL-18 NOSE EXTENSION MODIFS	UR		
WAC NO :	NPIC NO :		25X1
IDHS CODE:	COMIREX NO:		
AIRCRAFT: COOT IL-18 BOAT-SHAPED ELCT MODIFS	UR		
WAC NO :	NPIC NO :		25X1
IDHS CODE:	COMIREX NO:		

MODIFIED COOT (IL-18) ARE SUSPECTED TO BE A SOURCE OF SIGNALS RELATED TO SURFACE SEARCH RADARS USED AS SEEKERS FOR ANTISHIP MISSILES. OIA HAS ATTEMPTED TO DETERMINE THE HISTORY OF THESE MODIFIED COOT AIRCRAFT THAT WERE BEING USED FOR TEST PLATFORMS FOR CRUISE MISSILE SEEKERS--WITH PARTICULAR ATTENTION GIVEN TO THE ACTIONS OF THREE COOT MODIFIED WITH NOSE EXTENSIONS. THE MODIFIED COOT WERE OBSERVED AT RAMENSKOYE, AKHTUBINSK, ARKHANGELSK-KHOLM, PUSHKIN, MOSCOW-SHCHELKOVO, AND SEVEROMORSK AIRFIELDS. OIA ALSO SEARCHED SEVERAL OTHER SOVIET AND EAST EUROPEAN AIRFIELDS WHERE UNUSUAL COOT SIGHTINGS HAD BEEN REPORTED; HOWEVER, OIA FOUND THE THREE MODIFIED COOT BASED ONLY AT THE ABOVE FIELDS.

IN ADDITION, OIA HAS EXPANDED THIS ANALYSIS TO INCLUDE ANOTHER SERIES OF COOT BASED AT TYURATAM AIRFIELD THAT HAVE BEEN MODIFIED BY HAVING LARGE BOAT-SHAPED ELECTRONICS PACKAGES MOUNTED ATOP THEIR FUSELAGES ABOVE THE WINGS. THEY HAVE BEEN OBSERVED AT SIX AIRFIELDS OF WHICH FOUR HAVE A HISTORY OF MISSILE-RELATED PROJECTS. INCLUDING TYURATAM, THESE AIRFIELDS INCLUDE ALL THE AFOREMENTIONED AIRFIELDS, WITH THE EXCEPTION OF PUSHKIN AND SEVEROMORSK, PLUS PETROPAVLOVSK-YELIZOVO AIRFIELD.

CIA INFR IS10208K-78 11 AUG 78 [REDACTED] SEC CLASS: 14 MSN: 7P ACCN: S084729 25X1

MILITARY: GROUND FORCES O/B	YS		
WAC NO :	NPIC NO :		
IDHS CODE:	COMIREX NO:		
HISN AL ABR MILITARY ACTIVITY	YS	1608 N 04715 E	
[REDACTED]	NPIC NO :		25X1
[REDACTED]	COMIREX NO:		
KHAWR AL Umayrah Infantry Battalions	YS	124100N 0440740E	
[REDACTED]			25X1
AL KIRSH Infantry Battalion	YS	132150N 0442925E	
[REDACTED]			25X1
AD DALI Infantry Battalions	YS	134600N 0444340E	
[REDACTED]			25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

SUQUTRA ISLAND MILITARY ACTIVITY

YS 1238 N 05354 E
NPIC NO :
COMIREX NO:

25X1

AL ANAD INFANTRY BRIGADE

YS 1310 N 04450 E
NPIC NO :
COMIREX NO:

25X1

BARIM ISLAND MILITARY ACTIVITY

YS 1239 N 04324 E
NPIC NO :
COMIREX NO:

25X1

THAMUD MILITARY ACTIVITY

YS 1721 N 04958 E
NPIC NO :
COMIREX NO:

25X1

AL GHAYDAH MILITARY CAMP INFANTRY BATTALIONS

YS 161150N 0521120E
NPIC NO : - 4-A
COMIREX NO:

25X1

SALAH AL DIN MILITARY BARRACKS

YS 1245 N 04452 E
NPIC NO :
COMIREX NO:

25X1

MUKAYRIS MILITARY BARRACKS AREA INFANTRY BN

YS 135532N 0454000E

25X1

BAYHAN AL QISAB MILITARY BARRACKS INFANTRY

YS 144712N 0454306E

25X1

ATAQ MILITARY CAMP HQ INFANTRY

YS 143237N 0464925E

25X1

THIS STUDY PROVIDES AN UPDATE OF A PREVIOUS OIA STUDY OF SOUTH YEMENI GROUND FORCES ORDER OF BATTLE, PUBLISHED IN FEBRUARY 1978. IT IDENTIFIES MAJOR ELEMENTS OF NINE INFANTRY BRIGADES AND SPECULATES THAT A TENTH IS BEING FORMED. IT ALSO IDENTIFIES A REINFORCED INFANTRY BATTALION ON PERIM ISLAND, A REINFORCED INFANTRY BATTALION ON SOCOTRA ISLAND, AND A TRAINING BRIGADE AT LITTLE EDEN.*

CIA INFR IS10209K-78 14 AUG 78 [REDACTED] SEC CLASS: 13 MSN: 3P ACCN: 5084730 25X1

TYURATAM MTC ICBM SITE L3 TYPE 3H SILO MODIF UR 460425N 0630503E

25X1

IN JULY 1977 THE SOVIETS BEGAN DISMANTLING THE TYPE IIID SILO AT TYURATAM MISSILE TEST CENTER SITE L3 - A FORMER SS-11 TROOP TRAINING SILO. BY LATE JUNE 1978, CONVERSION OF THE L3 SILO TO A MODIFIED TYPE IIIH HAD BEEN COMPLETED AND THE SITE SUPPORT FACILITIES SHOULD BE COMPLETED SOON. L3 WILL BE THE SIXTH SS-17 LAUNCH SITE AND THE SECOND MODIFIED TYPE IIIH SILO TO BE IDENTIFIED AT TYURATAM.*

25X1

118
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

CIA INFR IS10195K-78 14 AUG 78 [redacted] SEC CLASS: 13 MSN: 15P ACCN: 5084731

ELECTRONICS, HF BROADCAST FACS JAMMING POSS UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25B COMIREX NO:
 ELECTRONICS, VERTICAL RADIATOR ANTENNA ARRAY UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:
 ELECTRONICS, LINEAR ANTENNA ARRAY LONG UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:
 ELECTRONICS, COPHASED HORIZ DIPOLE CURTAIN UR
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:
 ANGARSK RADIO COMMO/AM BDCST XMTR STATION SW UR 522525N 1034013E

25X1

[redacted]
KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA UR 373110N 0684757E

25X1

[redacted]
KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA UR 514957N 1134300E

25X1

[redacted]
KRUCHINA RADIO COMMUNICATIONS/BDCST XMTR STA UR 514957N 1134300E

25X1

[redacted]
KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION UR 402452N 0451136E

25X1

[redacted]
KAMO RADIO RELAY/RADCOM/AM BDCST XMTR STATION UR 402452N 0451136E

25X1

[redacted]
TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA UR 452824N 0400005E

25X1

[redacted]
TBILISSKAYA RADIO COMMO + AM BDCST XMIT STA UR 452824N 0400005E

25X1

[redacted]
KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA UR 495401N 0243939E

25X1

[redacted]
KRASNOYE RADIO COMMO + AM BROADCAST XMTR STA UR 495401N 0243939E

25X1

119
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

[REDACTED]
KURGAN TYUBE RADIO COMMO + AM BDCST XMTR STA UR 373110N 0684757E

25X1

[REDACTED] 3 [REDACTED]
NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA UR 464858N 0321252E

25X1

[REDACTED]
NIKOLAYEV RADIO COMMO + AM BROADCAST XMTR STA UR 464858N 0321252E

25X1

25X1

THE LARGE ANTENNA SYSTEMS AT SOME SOVIET HIGH-FREQUENCY (HF) BROADCAST FACILITIES COULD POSSIBLY HAVE A MILITARY HF JAMMING MISSION IN ADDITION TO THEIR PRIMARY MISSION OF INTERNATIONAL BROADCASTS. THIS REPORT UPDATES INFORMATION ON THE TYPES AND ORIENTATIONS OF COPHASED HORIZONTAL DIPOLE CURTAIN ARRAYS, VERTICAL RADIATORS, AND LONG LINEAR ARRAYS AT SEVEN SOVIET INTERNATIONAL BROADCAST STATIONS.

25X1

25X1

CIA INFR IS10189K-78 25 JUL 78 [REDACTED] SEC CLASS: 13 MSN: 11P ACCN: 5084733 25X1

SHIPS, SUBMARINE PRODUCTION FEB 1976/MAY 1978 CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75 COMIREX NO:
HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD CH 404309N 1205939E

25X1

25X1

120
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1

HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD CH 404309N 1205939E

25X1

HULUTAO NAVAL BASE/SHIPYARD/PORT SUB PROD CH 404309N 1205939E

25X1

SHANGHAI SHIPYARD KIANGNAN SUBMARINE PROD CH 311205N 1212901E

25X1

WUHAN SHIPYARD WUCHANG SUBMARINE PRODUCTION CH 303158N 1141713E

25X1

HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD CH 230510N 1132442E

25X1

HUANGPU NAVAL BASE + SHIPYARD SUBMARINE PROD CH 230510N 1132442E

25X1

KUANGCHI SHIPYARD TRUCK PRODUCTION CH 294940N 1153040E

25X1

KUANGCHI SHIPYARD TRUCK PRODUCTION CH 294940N 1153040E

25X1

THIS MEMORANDUM PRESENTS AN ANALYSIS OF SUBMARINE PRODUCTION ACTIVITY OBSERVED FIVE CHINESE SHIPYARDS FROM FEBRUARY 1976 THROUGH EARLY MAY 1978. THESE FIVE SHIPYARDS ARE HU-LU-TAO NAVAL BASE AND SHIPYARD, SHANG-HAI SHIPYARD KIANG-NAN, WU-HAN SHIPYARD WU-CHANG, HUANG-PU NAVAL BASE AND SHIPYARD, AND KUANG-CHI SHIPYARD. CHRONOLOGICAL SUMMARIES OF SUBMARINE PRODUCTION AT SHANG-HAI SHIPYARD KIANG-NAN AND WU-HAN SHIPYARD WU-CHANG ARE ALSO INCLUDED. THIS MEMORANDUM UPDATES PREVIOUS MEMORANDA WHICH DESCRIBE CHINESE SUBMARINE PRODUCTION ACTIVITY FROM 1967 THROUGH EARLY FEBRUARY 1976.

25X1

25X1

CIA INFR IS10200J-78 03 AUG 78 SEC CLASS: 24 MSN: 3P ACCN: 5084734 25X1

SHUANGCHENG TZW MTC ICBM SITE B1 SVC TWR MODIF CH 411828N 1001854E

25X1

DURING 1976 AND 1977 THE SERVICE PLATFORMS ON THE SERVICE TOWER AT SHUANG-CHENG-TZU, COMPLEX B, PAD B1, WERE MODIFIED. THE CIRCULAR OPENINGS IN THE PLATFORMS WERE ENLARGED AND THE PLATFORMS WERE MOVED TO A HIGHER POSITION ON THE TOWER. THESE MODIFICATIONS WERE PROBABLY MADE TO ACCOMMODATE A SPACE BOOSTER DIMENSIONALLY SIMILAR TO THE CSL-2. THE B1 LAUNCH PAD WAS LAST USED IN MARCH 1971 FOR THE SECOND LAUNCH OF

25X1

121 TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

THE SMALLER CSL-1 BOOSTER.

CIA INFR IS10198J-78 03 AUG 78

SEC CLASS: 24 MSN: 20P

ACCN: S084735 25X1

MILITARY, ARTILLERY DIVISIONS SHENYANG MR CH
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE : EPF CAT : 35D COMIREX NO :

THERE ARE TWO INDEPENDENT ANTITANK (ATK) ARTILLERY DIVISIONS AND THREE INDEPENDENT ARTILLERY DIVISIONS IN THE SHEN-YANG MILITARY REGION, CHINA. ALL FIVE DIVISIONS ARE IN THE SOUTHERN MANCHURIAN PLAIN. BOTH ATK DIVISIONS AND ONE INDEPENDENT ARTILLERY DIVISION ARE IN KIRIN PROVINCE. THE OTHER TWO INDEPENDENT ARTILLERY DIVISIONS ARE IN LIAONING PROVINCE. THE UNITS ARE GARRISONED ADJACENT TO RAIL LINES, EXCEPT FOR TWO INSTALLATIONS WHICH ARE 10 AND 25 KILOMETERS (KM) FROM THE NEAREST RAIL LINE. THE UNITS IN THE FIVE DIVISIONS APPEAR FULLY EQUIPPED WITH THE EXCEPTION OF TWO OF THE ATK REGIMENTS AND FIVE OF THE ARTILLERY REGIMENTS. TRAINING ACTIVITY IN ALL OF THE DIVISIONS IS LIGHT.

CIA INFR IS10191-78 04 AUG 78

SEC CLASS: 05 MSN: 10P

ACCN: S084736

ELECTRONICS, VARIABLE DEPTH SONAR UR
WAC NO : NPIC NO :
IDHS CODE : COMIREX NO :
SHIPS, KASHIN CLASS DDG VARIABLE DEPTH SONAR UR
WAC NO : NPIC NO :
IDHS CODE : COMIREX NO :
SHIPS, KRIVAK-1 CL FFG VARIABLE DEPTH SONAR UR
WAC NO : NPIC NO :
IDHS CODE : COMIREX NO :
SHIPS, PETYA-1 CLASS FFL VARIABLE DEPTH SONAR UR
WAC NO : NPIC NO :
IDHS CODE : COMIREX NO :

25X1
25X1
25X1
25X1

ANALYSIS OF GROUND PHOTOGRAPHY OF VARIABLE DEPTH SONARS (VDSS) SEEN EXPOSED FROM THE STERNS OF A MODIFIED KASHIN-CLASS GUIDED-MISSILE DESTROYER (DDG) AND A KRIVAK-I-CLASS GUIDED-MISSILE FRIGATE (FFG) INDICATES THAT BOTH SHIPS HAVE SIMILIAR, IF NOT IDENTICAL, VDS SYSTEMS. HOWEVER, THE HYDRAULIC MECHANISM USED FOR STREAMING OR RECOVERING THE VDS AND THE CLAMPING MECHANISM FOR HOLDING THE VDS IN PLACE ARE DIFFERENT ON EACH SHIP.

OIA ANALYSIS ALSO INDICATES THAT THIS VDS IS DIMENSIONALLY COMPATIBLE WITH THE AFTER DECKHOUSE INSTALLED ON A PETYA-I-CLASS SMALL FRIGATE (FFL) MODIFIED AT KALININGRAD DURING 1976. HOWEVER, IT IS NOT BELIEVED THAT THIS VDS WILL BE INSTALLED ON THIS SHIP BECAUSE ITS DECKHOUSE IS TOO SMALL TO ACCOMMODATE A CABLE SPOOL AND THE MECHANISM FOR LOWERING AND RAISING THE VDS INTO AND OUT OF THE WATER.

25X1
25X1

122
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

AIRCRAFT, AERONAUTICAL RSCH/DESIGN/TEST FACS	SF		
PRETORIA AERONAUTICAL RSCH/DSGN CPLX SCIENTA	SF	2544	S 02810 E
VALHALLA AIRCRAFT ENGINE TEST FACILITY	SF	254745S	0280850E
JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS	SF	260824S	0281430E
JOHANNESBURG AIRFIELD JAN SMUTS ENG TEST FACS	SF	260824S	0281430E
JOHANNESBURG AIRFIELD PLT ATLAS ENG TEST FACS	SF	260901S	0281501E

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

SOUTH AFRICA'S PRIMARY AERONAUTICAL RESEARCH AND DESIGN UNIT HAS BEEN IDENTIFIED AT THE SCIENTA RESEARCH COMPLEX IN PRETORIA. THIS IS PROBABLY THE AERONAUTICAL RESEARCH UNIT OF THE NATIONAL MECHANICAL ENGINEERING RESEARCH INSTITUTE (NMERI) WHICH IS SUBORDINATE TO THE COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR). FACILITIES AT SCIENTA INCLUDE A SMALL, POSSIBLE, HORIZONTAL ROCKET MOTOR TEST BUILDING AND THREE WIND TUNNEL BUILDINGS.

TEST FACILITIES FOR AIR-BREATHING AIRCRAFT ENGINES ARE LOCATED AT TWO AREAS IN SOUTH AFRICA. ONE OF THESE AREAS IS NORTH OF VALHALLA AND PROBABLY HAS SIX TEST CELLS. THIS FACILITY IS PROBABLY SUBORDINATE TO THE SOUTH AFRICAN AIR FORCE. THE OTHER AREA IS AT JOHANNESBURG AND CONTAINS SEVEN TEST CELLS. FOUR OF THESE TEST CELLS ARE AT THE ATLAS AIRCRAFT PLANT AND THE OTHER THREE ARE AT JAN SMUTS AIRFIELD.

CIA INFR IS10186K-78 01 AUG 78 [] SEC CLASS: 13 MSN: 28P ACCN: S084738 25X1

ANJU PULP + PAPER PLANT U/C	KN	393911N	1254010E
		NPIC NO :	
		COMIREX NO:	
INDUSTRY CONSTRUCTION/EXPANSION PROGRAMS	KN		
WAC NO :		BE/OBJ NO:	
IDHS CODE:		EPF CAT : 30	
UNGGI PETROLEUM REFINERY EXPANSION	KN	421839N	1302104E
PAENGMA RI PETROLEUM REFINERY U/C	KN	400420N	1243245E

25X1
25X1
25X1

123
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1
25X1

ANJU CHEMICAL PLANT YOUTH U/C	KN	393909N 1254210E
ANJU THERMAL POWER PLANT	KN	394015N 1254245E
PUKCHANG THERMAL POWER PLANT	KN	393453N 1261820E
KUMSONG NI HYDROELECTRIC POWER PLANT U/C	KN	394611N 1262103E
TAEAN NODONGJAGU ELECTRICAL EQUIP PLANT PUG	KN	385007N 1253115E
SUNCHON CEMENT PLANT EAST U/C	KN	392630N 1260130E
HAEJU CEMENT PLANT CHOSEM EXPANSION	KN	375925N 1254240E
CHONGJIN IRON & STEEL PLANT KIMCHAEK EXPSN	KN	414537N 1294510E
MUSAN IRON ORE CONCENTRATION PLANT EXPANSION	KN	421338N 1291604E
TANCHON MAGNESIA PLANT CONSTRUCTION	KN	402520N 1285458E
PIHYON UP MANUFACTURING PLANT U/I PUG	KN	395730N 1243910E
MANPO UP U/I FACILITY U/C	KN	411043N 1261730E
MANPO UP EXPLOSIVES PLANT	KN	410650N 1261615E
TANTUNG/PAENGMA RI POL PIPELINE EXPANSION	CH	401230N 1242248E
PAENGMA RI/TANTUNG POL PIPELINE EXPANSION	KN	400340N 1243445E

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

25X1

TOP SECRET CHESS RUFF

25X1

25X1

IN THE LAST 10 YEARS NORTH KOREA HAS BEEN ENGAGED IN AN AMBITIOUS INDUSTRIAL CONSTRUCTION AND EXPANSION PROGRAM. MOST OF THE MAJOR PROJECTS ARE FOREIGN AID PROJECTS, WITH THE SOVIET UNION, CHINA, AND JAPAN BEING THE PRIMARY SUPPLIERS. FINLAND, DENMARK, EAST GERMANY, FRANCE, AND PROBABLY ROMANIA AND AUSTRIA HAVE ALSO ASSISTED NORTH KOREA ON SOME PROJECTS. ANALYSIS OF LATE 1977 AND EARLY 1978 PHOTOGRAPHY SHOWS THAT MANY OF THE CONSTRUCTION AND EXPANSION PROJECTS WERE COMPLETED IN 1977 OR ARE NOW NEARING COMPLETION. IT IS IMPORTANT TO NOTE, HOWEVER, THAT MOST OF THESE PROJECTS WERE SCHEDULED FOR COMPLETION DURING THE 1971-76 SIX YEAR PLAN.

THIS REPORT PROVIDES A BRIEF DESCRIPTION, CHRONOLOGY, AND STATUS OF THE 14 MAJOR INDUSTRIAL CONSTRUCTION OR EXPANSION PROJECTS AND THREE UNIDENTIFIED INDUSTRIAL PLANTS. ALSO INCLUDED ARE A LOCATION MAP AND PHOTOGRAPHS OF EACH PLANT.

CIA INFR IS10202K-78 11 AUG 78 [REDACTED] SEC CLASS: 14A MSN: 15P ACCN: 508473925X1

AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT UR 481735N 0461216E

25X1

AKHTUBINSK FLIGHT TEST CENTER FAD-699/707 ACT UR 481735N 0461216E

25X1

VLADIMIROVKA ADVANCED WPNS CPLX FAD-699/707 UR 4818 N 04613 E

25X1

AKHTUBINSK/VLADIMIROVKA ASM STORAGE AREA CRTS UR 482241N 0461218E

25X1

TELEMETRY INTERCEPTS FROM THE VLADIMIROVKA ADVANCED WEAPONS AND RESEARCH CENTER (VAWARC) HAVE IDENTIFIED THE TESTING OF A PROBABLE STRATEGIC CRUISE MISSILE DESIGNATED FAD 699. NEITHER THE MISSILE NOR ANY ASSOCIATED EQUIPMENT HAVE BEEN IDENTIFIED ON PHOTOGRAPHY. OIA WAS NOT ABLE TO ASSOCIATE ANY LAUNCHING AIRCRAFT WITH THE FAD 699.

ANOTHER TELEMETRY DESIGNATOR--FAD 707--IS SUSPECTED OF BEING THE GUIDANCE TESTING PACKAGE FOR THE FAD 699 AIRFRAME. AN AIRBORNE PLATFORM FOR THE FAD 707 TESTING PROGRAM COULD NOT BE IDENTIFIED.

IMAGERY OVER AKHTUBINSK DURING THE PERIOD OF FAD 699 AND FAD 707 ACTIVITY WAS ANALYZED AND HISTOGRAMS WERE CONSTRUCTED OF THE LARGER BOMBER AND TRANSPORT AIRCRAFT PRESENT.

NO CORRELATION BETWEEN BOMBERS (BEAR, BADGER, BACKFIRE, OR BLINDER) AND THE FAD 699 SIGNAL WAS FOUND. IF THE LAUNCHING PLATFORM IS BASED AT AKHTUBINSK A PATTERN OF MOVEMENTS IN AND OUT OF THE AIRFIELD IS NOT LIKELY TO BE OBSERVED.

NO CORRELATION BETWEEN MODIFIED AIRCRAFT AND THE FAD 707 SIGNAL WAS FOUND. THE SIZE AND TYPE OF PACKAGE INVOLVED IS STILL UNKNOWN.

NO MISSILE OR MISSILE SHIPPING CONTAINER COULD BE ASSOCIATED WITH THE FAD 699. SOME POSSIBLE NEW CRATES

TOP SECRET CHESS RUFF

25X1

WERE SEEN IN THE ASM SUPPORT AREA BUT NO ASSOCIATION WITH ANY MISSILE WAS MADE. IT IS ALSO POSSIBLE THAT THE FAD 699 MISSILE MAY BE SHIPPED ON A PALLET TO AKHTUBINSK. OTHER MISSILE MAY ALSO BE MOVED THIS WAY. THREE GROUPS OF ASM CRATES HAVE BEEN IDENTIFIED AS LIKELY POSITIONS FOR PRE OR POST LAUNCH GATHERINGS. HOWEVER THERE DOES NOT APPEAR TO BE ANY REGULAR MOVEMENT OF CRATES BEFORE OR AFTER MISSILE LAUNCHINGS. OIA WAS NOT ABLE TO MATCH INCREASES OR DECREASES IN THE NUMBERS OF CRATES WITH THE NUMBER OF MISSILES LAUNCHED.

CIA INFR IS10212K-78 17 SEP 78 [] SEC CLASS: 13 MSN: 12P ACCN: S084740 25X1

AIRCRAFT: BISON M-4 LOCATION/COUNT UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

FROM ANALYSIS OF REPETITIVE SATELLITE IMAGERY OF TWO SOVIET BISON AIRFIELDS, A BEAR AIRFIELD, A REPAIR FACILITY AND A FLIGHT TEST CENTER, OIA BELIEVES THAT THERE ARE 91 BISON BOMBERS IN THE SOVIET OPERATIONAL INVENTORY--FOUR TO SIX MORE THAN THE NUMBER CARRIED IN SOME INTELLIGENCE ESTIMATES. OF THE 91 BISON, OIA IDENTIFIED 19 A MODELS (INCLUDING TWO WITH PORTIONS OF THE RIGHT WING MISSING), 64 B AND EIGHT C MODELS. THIRTY-ONE BISON (19 A AND 12 B) DO NOT HAVE REFUELING PROBES AND ARE CONSIDERED TO BE TANKER VARIANTS. SOME OF THE B MODELS WITH REFUELING PROBES COULD ALSO BE TANKER AIRCRAFT.

CIA INFR IS10182K-78 22 AUG 78 [] SEC CLASS: 13 MSN: 15P ACCN: S084741 25X1

AIRFIELDS, NAVAL RESERVE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05A COMIREX NO:
KOSHKAYAVR AIRFIELD NAVAL RESERVE UR 691507N 0311144E

25X1

UMBOZERO AIRFIELD NAVAL RESERVE UR 673058N 0341838E

25X1

UMBOZERO AIRFIELD SOUTH NAVAL RESERVE UR 672242N 0341331E

25X1

KOIGI AIRFIELD NAVAL RESERVE UR 585200N 0254340E

25X1

NOVAYA AIRFIELD NAVAL RESERVE UR 464226N 1425225E

25X1

MIORY AIRFIELD NAVAL RESERVE UR 553908N 0274155E

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

GENICHESK AIRFIELD NAVAL RESERVE UR 461240N 0344556E

25X1

KORSAKOVA AIRFIELD NAVAL RESERVE UR 463707N 1424907E

25X1

LASTOCHKA AIRFIELD NAVAL RESERVE UR 462326N 1340612E

25X1

LEONIDOVO AIRFIELD NAVAL RESERVE UR 491624N 1425539E

25X1

TEN PRINCIPAL SOVIET NAVAL RESERVE AIRFIELDS HAVE BEEN ANALYZED TO DETERMINE TO WHAT EXTENT THEY CAN SUPPORT STRIKE AIRCRAFT IN WARTIME. IMAGERY SINCE 1970 WAS EXAMINED FOR EVIDENCE OF NUCLFAR WARHEAD OR AIR-TO-SURFACE MISSILE (ASM) STORAGE, THE AMOUNT OF POL STORAGE AVAILABLE, THE USABILITY OF THE RUNWAYS, AND THE TYPE OF SUPPORT EQUIPMENT AND FACILITIES PRESENT. THIS REPORT INCLUDES A TABLE WHICH PROVIDES A SUMMARY OF THE FACILITIES, AIRCRAFT, MISSILES AND EQUIPMENT AT EACH OF THE 10 AIRFIELDS.*

25X1

127
TOP SECRET CHESS RUFF

25X1

Page Denied



TOP SECRET CHESS RUFF



25X1



25X1

DIA NBRG NDA07-5134-78 25 AUG 78

SEC CLASS: 05G MSN:

1P

ACCN: S084768

YUNGTENG MILITARY AREA

CH 3643 N 10317 E

NPIC NO :

COMIREX NO:

25X1

DIA NBRG NDA07-5135-78 25 AUG 78

SEC CLASS: 05G MSN:

1P

ACCN: S084769

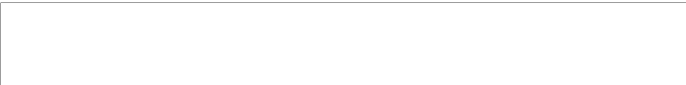
YUNGTENG ARMY BARRACKS AL1 + HQ ARTILLERY DIV

CH 364237N 1031616E



25X1

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1

[REDACTED]								
DIA	NBRG	NDA07-5136-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084770
		YUNGTENG ARMY BARRACKS SSE AL2		CH	364052N 1031713E			

25X1

25X1

DIA	NBRG	NDA07-5137-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084771
		YUNGTENG ARMY BARRACKS SSE AL3		CH	364031N 1031721E			

25X1

DIA	NBRG	NDA07-5138-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084772
		MINHO ARMY BARRACKS AL1		CH	362046N 1024917E			

25X1

DIA	NBRG	NDA07-5139-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084773
		SHIHTSUISHAN MILITARY AREA		CH	3916 N 10616 E			

25X1

DIA	NBRG	NDA07-5140-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084774
		SHIHTSUISHAN ARMY BARRACKS AL1		CH	391223N 1061854E			

25X1

DIA	NBRG	NDA07-5141-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084775
		SHIHTSUISHAN ARMY BARRACKS AL5		CH	391145N 1061950E			

25X1

DIA	NBRG	NDA07-5142-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P		ACCN: S084776
		SHIHTSUISHAN ARMY BARRACKS AL2/DEFENSIVE AREA		CH	392030N 1061701E			

25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA	NBRG	NDA07-5143-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P	ACCN: S084777
		SHIHTSUISHAN ARMY BARRACKS AL3/DEFENSIVE AREA		CH	391532N 1061040E		

25X1

DIA	NBRG	NDA07-5144-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P	ACCN: S084778
		TAWUKOU ARMY BARRACKS AL1		CH	390710N 1062255E		

25X1

DIA	NBRG	NDA07-5145-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P	ACCN: S084779
		SHIHTSUISHAN ARMY BARRACKS AL4		CH	391342N 1061523E		

25X1

DIA	NBRG	NDA07-5146-78	25 AUG 78	SEC CLASS: 05G	MSN:	1P	ACCN: S084780
		SHIHTSUISHAN DEFENSIVE AREA 2		CH	391640N 1061902E		

25X1

DIA	NBRG	NDA07-5118-78	25 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084781
		GRUDOVO ARMY BARRACKS WEST 1		BU	422048N 0270957E		

25X1

DIA	NBRG	NDA07-5119-78	25 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084782
		KAZANLUK ARMY BARRACKS 1		BU	423727N 0252217E		

25X1

DIA	NBRG	NDA07-5120-78	25 AUG 78	SEC CLASS: 05B	MSN:	1P	ACCN: S084783
		SLIVEN ARMY BARRACKS 1/2/5/6/7		BU	424022N 0262026E		

25X1

131
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

DIA NBRG NDA07-5121-78 25 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084784
SHUMEN ARMY BARRACKS NE 2/3 BU 431645N 0265540E

25X1

DIA NBRG NDA07-5122-78 25 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084785
ASENOVGRAD ARMY BARRACKS 1 BU 420129N 0245347E

25X1

DIA NBRG NDA07-5123-78 25 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084786
SOFIYA ARMY BARRACKS 1 BU 424010N 0232241E

25X1

DIA NBRG NDA07-5124-78 25 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084787
KNYAZHEVO ARMY BARRACKS 1 BU 423957N 0231406E

25X1

DIA NBRG NDA07-5125-78 25 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084788
KARLOVO ARMY BARRACKS 1 + HEADQUARTERS BU 423837N 0244743E

25X1

DIA NBRG NDA06-5123-77 18 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084789
SUROK NAVAL MISSILE TRANSSHIPMENT STORAGE CTR UR 562747N 0480919E

25X1

CIA IRP IS10205J-78 AUG 78 SEC CLASS: 24 MSN: 7P ACCN: S084791

25X1

25X1

25X1

132
TOP SECRET CHESS RUFF

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1

SAINT LUCIA MISSILE TEST RANGE

SF 280118S 0322649E
[REDACTED]

25X1

THE REPUBLIC OF SOUTH AFRICA'S MISSILE TEST RANGE AT ST. LUCIA ON THE COAST NORTHEAST OF DURBAN APPARENTLY HAS BEEN USED PRIMARILY FOR AIR-TO-AIR AND SURFACE-TO-AIR MISSILE FLIGHT TESTING. NO INDICATIONS OF SURFACE-TO-SURFACE MISSILE DEVELOPMENT AND TESTING OR NUCLEAR-RELATED ACTIVITIES HAVE BEEN SEEN AT THIS RANGE. WITH THE EXCEPTION OF THREE NEW TRACKING FACILITIES, WHICH WERE PROBABLY USED TO MONITOR RECENT AIR-TO-AIR MISSILE TESTS, AND A NEW PROBABLE OBSERVATION TOWER, THE RANGE HAS REMAINED SIGNIFICANTLY UNCHANGED SINCE IT WAS FIRST SEEN ON OVERHEAD PHOTOGRAPHY IN 1975.

25X1

TOP SECRET CHESS RUFF [REDACTED]

25X1

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TOP SECRET CHESS RUFF

25X1

25X1

CIA IRP IS10117K-78 AUG 78 [REDACTED] SEC CLASS: 13 MSN: 28P ACCN: S084799 25X1

SEVERODVINSK SHIPYARD YAGRY SHIPLIFTING BASIN UR 643514N 0394907E 25X1

[REDACTED]

SEVERODVINSK SHIPYARD 402 LAUNCH BASIN UR 643438N 0394832E 25X1

[REDACTED]

ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK UR 690145N 0330356E 25X1

[REDACTED]

ROSTA NAVAL BASE/SHIP REPAIR YD GRAVING DOCK UR 690145N 0330356E 25X1

[REDACTED]

PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK UR 691156N 0332456E 25X1

[REDACTED]

PALA GUBA NAVAL BASE/SHIP RPR YD FLTG DRYDOCK UR 691156N 0332456E 25X1

[REDACTED]

CHALMPUSHKA SHIP REPAIR YARD FLTG DRYDOCK UR 690333N 0331324E 25X1

[REDACTED]

PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS UR 430703N 1322017E 25X1

[REDACTED]

25X1

25X1

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

PETROVKA NAVAL BASE + SHIPYARD WORK POSITIONS UR 430703N 1322017E

25X1

VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK UR 430643N 1315427E

25X1

SHIPS, SSBN OUT-OF-WATER WORK PSTNS SALT RLTD UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:
GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK UR 680420N 0392824E

25X1

GREMIKHA NAVAL BASE/SHIP RPR YD GRAVING DOCK UR 680420N 0392824E

25X1

PETROPAVLOVSK NAVAL BASE/SHPYD FLT6 DRYDOCKS UR 525358N 1582607E

25X1

PETROPAVLOVSK NAVAL BASE/SHPYD FLT6 DRYDOCKS UR 525358N 1582607E

25X1

OLENTA GUBA SUBMARINE RPR BASE FLT6 DRYDOCK UR 691250N 0331745E

25X1

DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK UR 425400N 1322110E

25X1

SLAVYANKA SHIP REPAIR YARD FLOATING DRYDOCKS UR 425200N 1312326E

25X1

DUNAY SUBMARINE BASE/SHPYD RAZBOYNIK DRYDOCK UR 425400N 1322110E

25X1

VLADIVOSTOK NAVAL BASE/SHPYD 202 GRAVING DOCK UR 430643N 1315427E

25X1

25X1

THE SOVIETS HAVE REACHED THE LIMITS OF NUCLEAR-POWERED BALLISTIC MISSILE SUBMARINES (SSBNS) AND MISSILE LAUNCH TUBES ALLOWED BY THE STRATEGIC ARMS LIMITATION (SAL) INTERIM AGREEMENT. BECAUSE THEY ARE STILL CONSTRUCTING SSBNS, THEY MUST NOW DISMANTLE SOME MODERN SSBNS AND LAUNCH TUBES. PHOTOGRAPHIC ANALYSIS OF WORK POSITIONS WHERE THE SOVIETS MIGHT UNDERTAKE DISMANTLEMENT WORK HAS REVEALED THE FOLLOWING -THERE ARE A TOTAL OF 14 OPEN, OUT-OF-WATER POSITIONS IN THE SOVIET NORTHERN AND PACIFIC FLEETS THAT

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25X1

ARE CAPABLE OF ACCOMMODATING MODERN SSBNS--SIX IN THE NORTHERN FLEET AND EIGHT IN THE PACIFIC FLEET.

THREE OF THE 14 WORK POSITIONS CAPABLE OF ACCOMMODATING MODERN SSBNS ARE PRIME CANDIDATES FOR PERFORMING DISMANTLEMENT. TWO ARE IN THE NORTHERN FLEET: THE SOUTH LEDGE OF THE SHIFLIFTING BASIN AT YAGRI ISLAND SHIP REPAIR YARD AND A WORK POSITION IN THE LAUNCH BASIN AT SEVERODVINSK SHIPYARD 402. THE ONE POSITION IN THE PACIFIC FLEET IS AN ON-LAND REPAIR WAYS AT PETROVKA SHIPYARD.

THE OTHER 11 OF THESE 14 WORK-POSITIONS ARE NOT CONSIDERED PRIME CANDIDATES FOR DISMANTLING WORK EITHER BECAUSE THEY LACK ADEQUATE CRANE SERVICE, RAIL SERVICE, NUCLEAR REACTOR SUPPORT FACILITIES, AND FABRICATION AND REASSEMBLY FACILITIES, OR BECAUSE THEIR USE FOR DISMANTLING SUBMARINES WOULD BE TOO DISRUPTIVE OF NORMAL OVERHAUL AND REPAIR PROGRAMS.

THERE ARE AN ADDITIONAL 23 OPEN, OUT-OF-WATER WORK POSITIONS WHICH ARE CAPABLE OF ACCOMMODATING OLDER BALLISTIC MISSILE SUBMARINES--SUBMARINES THAT ARE NOT PART OF THE 62 MODERN SSBN LIMIT SET BY THE SAL INTERIM AGREEMENT BUT WHICH HAVE MISSILE LAUNCHES THAT ARE COUNTED IN THE 950 MISSILE LAUNCH TUBE LIMIT. NINE OF THESE POSITIONS ARE IN THE NORTHERN FLEET AND 14 POSITIONS ARE IN THE PACIFIC FLEET. OF THESE 23 POSITIONS, 10 MAY HAVE THE CAPACITY TO ACCOMMODATE AT LEAST Y-CLASS SSBNS.

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[Redacted]

TOP SECRET CHESS RUFF

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[Redacted]

25X1

CIA NOTE ISSN006J-78 JUL 78 [Redacted] SEC CLASS: 25 MSN: 9P ACCN: 5084810 25X1

SHANGHAI SOLAR POWER PLANT EXPERIMENTAL IDENT CH 311800N 1213248E

25X1

[Redacted]

25X1

INDUSTRY, OIL DRILLING OFFSHORE PLATFORMS MBL	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 30A
MILITARY, ARTILLERY BUILDUP NONDIVISIONAL	UR
WAC NO :	BE/OBJ NO:
IDHS CODE:	EPF CAT : 35D
	NPIC NO :
	COMIREX NO:
	NPIC NO :
	COMIREX NO:

[Redacted]

25X1

142
TOP SECRET CHESS RUFF

[Redacted]

25X1

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TOP SECRET CHESS RUFF

25X1

DIA NBRG NDA06-5133-77 17 AUG 78 SEC CLASS: 05G MSN: 1P ACCN: S084839
SOVETSKAYA GAVAN SUBMARINE BASE UR 490125N 1401531E

25X1

DIA NBRG NDA06-5134-77 17 AUG 78 SEC CLASS: 05G MSN: 1P ACCN: S084840
SOVETSKAYA GAVAN RESERVE FLEET BASE UR 490048N 1401341E

25X1

DIA NBRG NDA06-5124-77 18 AUG 78 SEC CLASS: 05B MSN: 1P ACCN: S084841
NOVOSIBIRSK NAVAL MISSILE TRSHPMI STORAGE CTR UR 551338N 0825942E

25X1

AF PAR 536-78 29 JUN 78 TCS-384893-78 SEC CLASS: 13 MSN: 9P ACCN: S084921
KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT UR 533215N 0495116E

25X1

KURUMOCH ROCKET ENGINE TEST FAC LIQ HYDRO PLT UR 533215N 0495116E

25X1

THIS REPORT AND DRAWINGS 78D4503 AND 78E3502 GIVE DETAILS OF THE PROBABLE LIQUID HYDROGEN MANUFACTURING PLANT ADJACENT TO THE WEST SIDE OF THE KURUMOCH ROCKET ENGINE TEST FACILITY. STRUCTURAL DETAILS OF THE PRODUCTION BUILDING, THE MAJOR ADDITION UNDER CONSTRUCTION AT THE WEST END, AND TRENCHING AND PIPING CONNECTIONS ARE PRESENTED. THIS REPORT SUPERSEDES PARAGRAPH 3.U. OF PAR 77-666.*

AF PAR 618-78 27 JUN 78 SEC CLASS: 13 MSN: 3P ACCN: S084922
TAGANROG AIRFRAME PLANT 86 BERIYEV DESIGN BUR UR 471150N 0385220E

25X1

THIS REPORT AND DRAWING NUMBER 70E6563/6 PROVIDES AN UPDATED ANALYSIS OF THE BERIYEV DESIGN BUREAU LOCATED WITHIN THE TAGANROG AIRFRAME PLANT DIMITROV 86. INCLUDED ARE TABLES REFLECTING FACILITY GROWTH IN TERMS OF SQUARE METERS OF ROOF COVERAGE AND FLOORSPACE. THIS REPORT SUPPLEMENTS PAR 77-627.*

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

AF PAR 619-78 19 JUL 78 [REDACTED] SEC CLASS: 13 MSN: 11P ACCN: 5084923 25X1
SHCHELKOVO COSMONAUT TRAINING FACILITY UR 555233N 0380654E

25X1*

[REDACTED]
THIS REPORT AND DRAWING NUMBER 78D6527 PROVIDES AN UPDATED ANALYSIS OF THE SHCHELKOVO COSMONAUT TRAINING FACILITY. IT IS CONCERNED ONLY WITH THE TRAINING/RESEARCH AREA AND PROVIDES A FUNCTIONAL DESCRIPTION OF EACH SIGNIFICANT BUILDING TOGETHER WITH CONSTRUCTION TIMING, ROOF COVERAGE AND FLOORSPACE. THIS REPORT SUPERSEDES PAR 69-670 AND PARAGRAPH 2A (16) OF PAR 77-733. DRAWING NUMBER 78D6527 SUPERSEDES DRAWING NUMBER 69C6578.*

AF PAR 620-78 26 JUN 78 [REDACTED] SEC CLASS: 13 MSN: 2P ACCN: 5084924 25X1
KAPUSTIN YAR MTC CPLX C SITE 1 ELCT FACS SRCH UR 483658N 0461800E

25X1

THIS REPORT UPDATES PAR 76-542 AND IS SUPPLEMENTED BY FTD DRAWING 76D6509/1.*

25X1

AF PAR 624-78 11 JUL 78 [REDACTED] SEC CLASS: 13 MSN: 16P ACCN: 5084926 25X1
SUNGLIN MTC CH 281420N 1020149E

25X1

[REDACTED]
SUNGLIN MTC MISSILE ASSEMBLY/CHECKOUT FACIL CH 281307N 1020132E

25X1

SUNGLIN MTC MAIN SUPPORT BASE CH 281140N 1020653E

25X1

25X1

150
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

25X1
25X1

SUNGLIN MTC LAUNCH SITE SUSP U/C CH 281155N 1020337E

25X1

25X1

THIS REPORT AND DRAWING 77D4522 PRESENTS AN IDENTIFICATION AND CHRONOLOGY OF THE SSM-RELATED FACILITIES IN THE VICINITY OF THE VILLAGE OF SUNG-LIN IN SOUTH CENTRAL CHINA. ADDITIONAL REFERENCES FOR THIS REPORT ARE PAR 77-722 AND PAR 76-647.*

AF PAR 625-78 28 JUN 78 SEC CLASS: 13 MSN: 4P ACCN: 5084927 25X1

IVANKOVSKIY GUIDED MISSILE PLANT UR 564521N 0370700E

25X1

THIS REPORT IS AN UPDATED PHOTO ANALYSIS OF THE IVANKOVSKIY GUIDED MISSILE PLANT. IT COVERS THE PERIOD FROM SEPTEMBER 1976 TO MAY 1978 AND UPDATES PAR 77-510. IT CONTAINS A FUNCTIONAL DESCRIPTION OF NEW BUILDINGS/STRUCTURES TOGETHER WITH CONSTRUCTION TIMING, ROOF COVERAGE, AND FLOORSPACE. ALSO INCLUDED IS A TABULATION OF HARDWARE OBSERVED SINCE PAR 77-510. ANNOTATIONS ARE KEYED TO DRAWING 71D6546/7.*

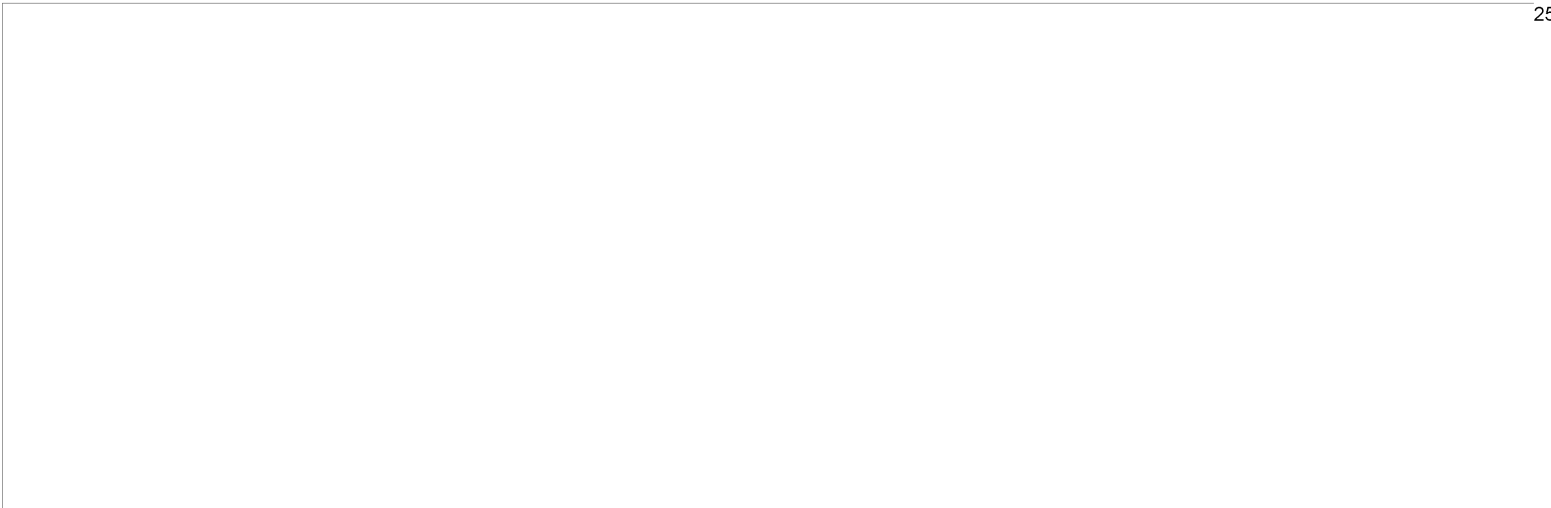
25X1

151
TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1



25X1

AF PAR 651-78 07 AUG 78 [redacted] SEC CLASS: 13 MSN: 1P ACCN: 5084932 25X1

HSICHANG CSS-1 CRATERS SEARCH CH 2747 N 10125 E

25X1

DIA IAPPR 187-78 08 AUG 78 [redacted] SEC CLASS: 25 MSN: 6P ACCN: 5084933 25X1

PROVIDENIYA PORT FACILITIES T-4 CLASS LCM UR 642543N 1731407W

25X1

PROVIDENIYA ARMY BARRACKS AL1 + HQ BRIGADE UR 642454N 1731234W

25X1

A SOVIET EMIGRE WHO SERVED WITH THE GROUND FORCES UNIT AT PROVIDENIYA ON THE BERING SEA RECENTLY PROVIDED USEFUL INFORMATION THAT HAS BEEN LARGELY SUPPORTED BY OTHER DATA. INFORMATION PROVIDED BY THIS SOURCE, WHERE SUPPORTED BY OTHER DATA, IS VALUABLE TO THOSE INTERESTED IN MOSCOW'S PLANS FOR THE BERING

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

SEA REGION. SOVIET ADAPTATIONS OF DOCTRINE TO AN UNUSUAL ENVIRONMENT ARE SEEN IN MOBILITY AND MOBILIZATION RESOURCES.*

DIA IAPPR 196-78 16 AUG 78 [] SEC CLASS: 14 MSN: 6P ACCN: S084934 25X1

MILITARY, SELF-PRPLD ARTY WPN LONG-TUBED NEW KN
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

PYONGYANG HAS RECENTLY DEPLOYED AT LEAST 21 "LONG-TUBE" SELF-PROPELLED (SP) ARTILLERY WEAPONS. WHEREAS THEIR TYPE AND CALIBER ARE NOT KNOWN, THE TUBE ITSELF IS LONGER THAN ANY ARTILLERY PIECE EVER CREDITED TO THE NORTH KOREAN INVENTORY. ALTHOUGH THIS DEVELOPMENT WOULD NOT APPEAR TO SIGNIFICANTLY IMPROVE THE ARMY'S ARTILLERY CAPABILITIES, IT DOES SUGGEST A PERCEIVED NEED FOR LONGER RANGE, MOBILE, HEAVY FIELD PIECES. THEIR MISSION MAY BE TO ENGAGE A SELECT GROUP OF TARGETS WITHIN THE REPUBLIC OF KOREA. SIGNIFICANTLY, THE NORTH HAS BEEN BOTH DEVELOPING AND DEPLOYING LARGE NUMBERS OF VARIOUS SP GUNS SINCE 1973-1974. THE MANUFACTURING/ASSEMBLING PROCESS OF THE PRESENT SP INVENTORY IS BELIEVED TO INVOLVE SEVERAL PLANTS, ALTHOUGH THE EXTENSIVE USE OF UNDERGROUND FACILITIES AT THESE LOCATIONS PRECLUDES AN ACCURATE DETERMINATION OF PRODUCTION RATES AND CAPACITIES. IT CANNOT YET BE ESTABLISHED THAT THESE NEW WEAPONS ARE INDIGENOUSLY PRODUCED. FROM ALL APPEARANCES, HOWEVER, THEY SEEM TO REPRESENT A UNIQUE SYSTEM. THE ADDITION OF THIS NEW LONG-TUBED-TYPE SP ARTILLERY WEAPON TO AN INVENTORY THAT INCLUDES THREE OTHER TYPES OF SP GUNS SUGGESTS A SIGNIFICANT ROLE FOR A DESIRED MIX OF SUCH GUNS IN PYONGYANG'S OVERALL STRATEGY.

25X1

DIA IAPPR 200-78 19 AUG 78 [] SEC CLASS: 25 MSN: 5P ACCN: S084935 25X1

MISSILES, BALLISTIC MISSILE GARRISONS CH
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40 COMIREX NO:

CONTINUING ANALYSIS OF CHINESE SSM DEPLOYMENT PATTERNS HAS CAUSED A REEVALUATION OF THE CAPACITIES AND CAPABILITIES OF CHINESE MISSILE FACILITIES. THIS HAS DISCLOSED A MISSILE BASING CONCEPT CENTERED AROUND THREE TYPES OF GARRISONS -- SITE, COMPLEX, AND FIELD. EACH GARRISON HAS UNIQUE ADVANTAGES OF READINESS, CONCEALMENT, AND MOBILITY. THE THREE DIFFERENT TYPES OF GARRISONS PERMIT THE DISPERSAL OF CHINA'S MISSILE FORCE AND AFFORD A WIDE RANGE OF OPTIONS FOR SECOND STRIKE NUCLEAR OPERATIONS. FURTHERMORE, THE MOBILITY OF THE UNITS BASED AT THE GARRISONS PROVIDES A HIGH DEGREE OF SURVIVABILITY.

DIA IAPPR 205-78 26 AUG 78 [] SEC CLASS: 13 MSN: 5P ACCN: S084936 25X1

NAVAL, BERTHING FACILITIES U/G CH
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 75 COMIREX NO:

THE PEOPLES REPUBLIC OF CHINA'S NAVY HAS CONSTRUCTED UNDERGROUND BERTHING THAT CAN ACCOMMODATE EITHER

153
 TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF

25X1

CRUISE MISSILE ATTACK BOATS OR SUBMARINES AT SEVERAL OF ITS FACILITIES. DURING A CONVENTIONAL AIR ATTACK, CHINA'S MISSILE ATTACK BOATS COULD PROBABLY SAFELY BE HOUSED WITHIN THE UNDERGROUND TUNNELS, PREVENTING LARGE LOSSES AND ENSURING THAT A SIGNIFICANT NUMBER WOULD BE AVAILABLE TO DEFEND AGAINST SUBSEQUENT ATTACKS BY AN INVADING FORCE. A DIRECT NUCLEAR HIT, HOWEVER, WOULD PROBABLY COLLAPSE THE TUNNELS, TRAPPING THE BOATS.

DIA IAPPR 207-78 31 AUG 78 [] SEC CLASS: 14 Y MSN: 12P ACCN: 5084937 25X1

NAVAL, ACTIVITY SOVIET		ET
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 75	COMIREX NO:
MILITARY, ACTIVITY SOVIET		ET
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 35	COMIREX NO:
AIRFIELDS, ACTIVITY SOVIET		ET
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 05A	COMIREX NO:

THE USSR REPORTEDLY HAS BEEN GIVEN THE RIGHT TO USE ETHIOPIA'S RED SEA FACILITIES AND TO BUILD ITS OWN NAVAL BASE IN THAT COUNTRY AS THE RESULT OF AN AGREEMENT SIGNED LAST MARCH. NO CONSTRUCTION HAS BEEN OBSERVED AT THE PROPOSED BASE SITE, BUT THE SOVIETS ARE UPGRADING A NEARBY AIRFIELD. THEY HAVE ALSO EMPLACED A SHIP REPAIR FACILITY NEAR THE PORT OF MASSAWA AND HAVE IMPROVED ASSAB'S PORT CAPABILITY AND DEFENSES.

IF THE AGREEMENT IS FULLY IMPLEMENTED, THE SOVIETS WILL MORE THAN RECOVER THE MILITARY ACCESS THEY LOST AT BERBERA, SOMALIA, IN NOVEMBER 1977. THE VICISSITUDES OF FUTURE SOVIET-ETHIOPIAN RELATIONS, HOWEVER, WILL PROBABLY PREVENT THE ACCORD FROM BEING COMPLETELY CARRIED OUT, AND SOVIET ACCESS COULD BE LIMITED TO ONLY OCCASIONAL USE AS A RESULT.

DIA STDY DST1020C-587-78 01 JUL 78 [] SEC CLASS: 24 MSN: 20P ACCN: 5084938 25X1

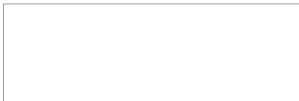
MISSILES, SLBM DEVELOPMENTS		UR
WAC NO :	BE/OBJ NO:	NPIC NO :
IDHS CODE:	EPF CAT : 40G	COMIREX NO:

THIS IS A SEMI-ANNUAL REPORT, ISSUE NO. 3, ON SOVIET SUBMARINE-LAUNCHED BALLISTIC MISSILE RELATED ACTIVITY. ISSUE NO. 1 WAS PUBLISHED 30 JUNE 1977 AND ISSUE NO. 2 ON 1 JANUARY 1978. MISSILE FLIGHT ACTIVITIES, NEW OR INTERESTING ANALYTICAL DEVELOPMENTS, AND DEVELOPMENTS ON NEW OR EMERGING SYSTEMS ARE COVERED IN THIS SLBM ACTIVITY REPORT. THE MISSILE FLIGHT ACTIVITY IN THIS ISSUE COVERS THE 6-MONTH PERIOD, DECEMBER 1977 THROUGH MAY 1978.

DIA STDY DST1430S-024-78 13 JUL 78 [] SEC CLASS: 25 MSN: 47P ACCN: 5084939 25X1

SPACE, SATELLITE SYSTEMS MILITARY SUPPORT UR

25X1



TOP SECRET CHESS RUFF



25X1
25X1

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

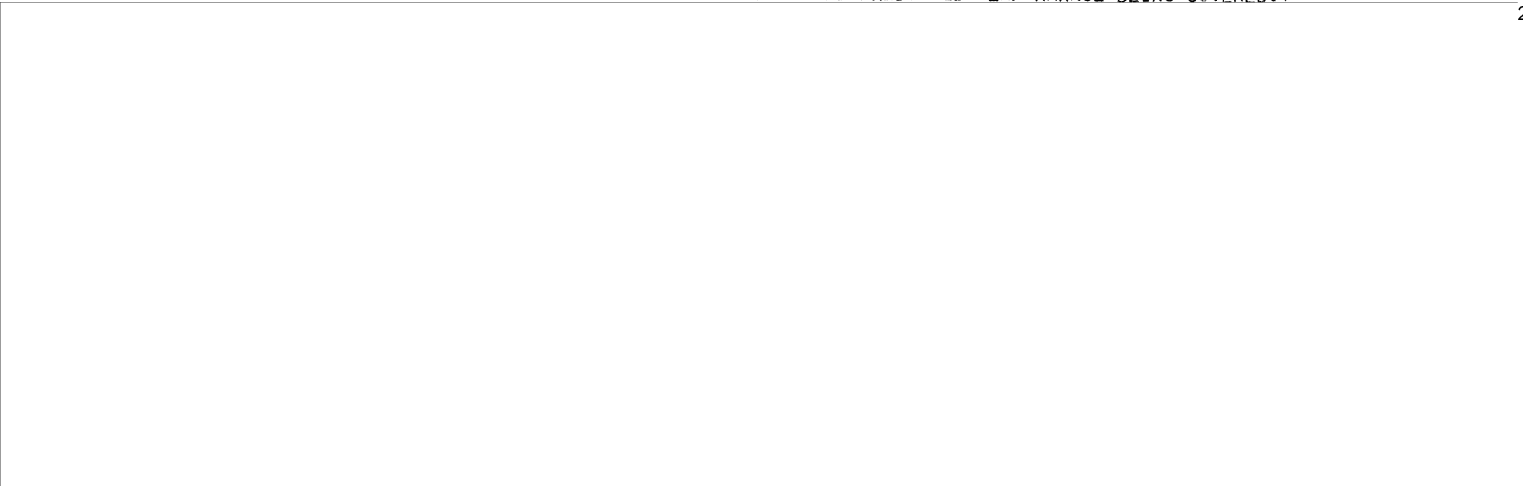
THIS SUPPLEMENT TO DST-1430S-024-78 CONTAINS AN EXPANDED ASSESSMENT OF SOVIET MILITARY SUPPORT SPACE SYSTEMS BASED ON OVERHEAD PHOTOGRAPHY, COMINT, AND ELINT COLLECTION. IT ALSO PROVIDES ADDITIONAL INFORMATION ON THE CHARACTERISTICS AND CAPABILITIES OF SOVIET NAVAL SUPPORT, GEODETIC, METEOROLOGICAL, RADAR SUPPORT, AND COMMAND SITE CHECKOUT SATELLITES NOT INCLUDED IN DST-1430S-024-78, 'MILITARY SUPPORT SPACE SYSTEMS - USSR,' BECAUSE OF CLASSIFICATION. THESE ADDITIONAL INPUTS PRIMARILY AMPLIFY ANALYSIS OF SATELLITE PAYLOAD SIGNALS AND GROUND COMMAND SITES.*

DIA STDY DST1050D-918-78 21 AUG 78  SEC CLASS: 14 MSN: 30P ACCN: S084940

25X1

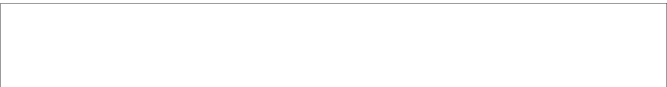
ELECTRONICS, FLAT TWIN ABM-X-3 RADAR UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS BMD ENGAGEMENT RADAR REPORT IS ONE OF A SERIES OF DEFENSE INTELLIGENCE TECHNICAL REPORTS (DIIRS) UNDER THE BROAD TITLE OF SOVIET BALLISTIC MISSILE DEFENSE. THIS REPORT DESCRIBES THE FLAT TWIN RADAR IN SOME DETAIL, WITH SIGNAL CHARACTERISTICS, OPERATING MODES, AND PREDICTED PERFORMANCE BEING COVERED.*



25X1

155
TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

25X1



25X1

AF STDY AEDCSW-01-02-78 APR 78 [REDACTED] SEC CLASS: 14 MSN: 15P ACCN: 5084942

25X1

NOGINSK BALLISTICS TEST + TRAINING AREA POSS UR 555320N 0383450E

25X1

NOGINSK BALLISTICS TEST + TRAINING AREA POSS UR 555320N 0383450E

25X1

AT THE REQUEST OF FID/TQTM, A FACILITY REFERRED TO AS THE NOGINSK FACILITY LOCATED 55-53-20N/38-34-50E SOME 60 KM (37 MILES) NORTHEAST OF MOSCOW HAS BEEN EXAMINED. THE PURPOSE OF THIS EXAMINATION HAS BEEN TO CONFIRM OR DENY PREVIOUS CONCLUSIONS REGARDING ITS FUNCTION AND TO CONSIDER THE POSSIBILITY IT HAS BEEN

TOP SECRET CHESS RUFF

25X1



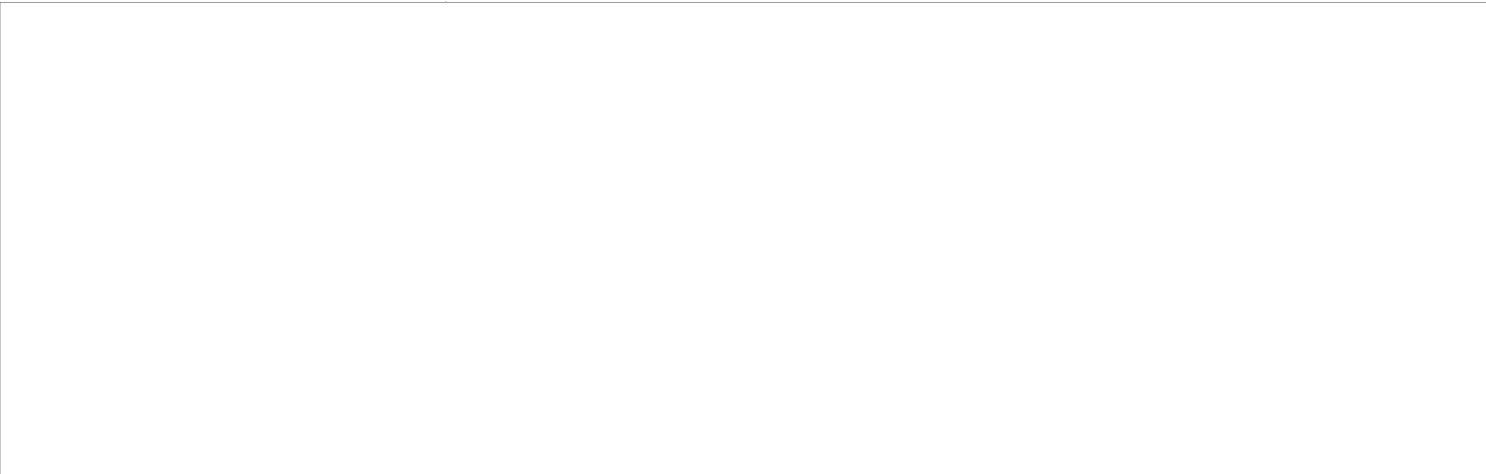
TOP SECRET CHESS RUFF



25X1
25X1

USED FOR MHD DEVELOPMENT.

THE NOGINSK FACILITY WAS FIRST OBSERVED IN 1961 OR EARLY 1962. UNFORTUNATELY, FOR FUNCTION ANALYSIS PURPOSES, THE FACILITY WAS ESSENTIALLY COMPLETE WHEN FIRST OBSERVED--ONLY A FEW PERIPHERAL BUILDINGS WERE NOT UNDER ROOF. IN 1973 BOTH THE CIA AND SANDIA LABORATORIES TENTATIVELY IDENTIFIED THE FACILITY AS A POSSIBLE AEROBALLISTIC RANGE. IN 1975 D. E. BOYLAN, ARO, INC., ANALYZED THE NOGINSK FACILITY AND OUTLINED A NUMBER OF REASONS WHY HE BELIEVED IT NOT TO BE AN AEROBALLISTIC RANGE. THIS CURRENT STUDY CONCURS WITH THIS LATTER CONCLUSION. MR. BOYLAN CONSIDERED OTHER POSSIBLE USES FOR THE FACILITY BUT FOUND LITTLE SUPPORTIVE EVIDENCE FOR THESE OPERATIONS.



25X1

DIA STDY DST1000C-549-78 25 AUG 78



SEC CLASS: 25

MSN:

91P

ACCN: S084946

25X1

MISSILES, BALLISTIC MISSILE SYSTEMS ACTIVITY

UR

WAC NO :
IDHS CODE:

BE/OBJ NO:
EPF CAT : 40

NPIC NO :
COMIREX NO:

THIS SEMIANNUAL PUBLICATION REPORTS ON ACTIVITY AND ASSESMENT OF THE SOVIET BALLISTIC MISSILE PROGRAM RELATED TO OPERATIONAL AND EMERGING MRBM, IRBM, AND ICBM SYSTEMS. THE PERIOD COVERED BY THIS REPORT IS 1 JANUARY 1978 THROUGH 30 JUNE 1978.

TOP SECRET CHESS RUFF



25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

THIS REPORT IS ACTIVITY ORIENTED AND IS INTENDED FOR CONSUMERS OF CURRENT TECHNICAL INTELLIGENCE IN THE SUBJECT AREA. FOR COMPLETE SYSTEMS ANALYSES AND CHARACTERISTICS, THE READER IS REFERRED TO OTHER FORMAL DOCUMENTS ON THE SPECIFIC SYSTEMS.

NPIC MEMO [Redacted] 18 JUL 78 [Redacted] SEC CLASS: 13 MSN: 2P ACCN: 5084947 25X1
WUHAN IRON + STEEL PLANT CH 303734N 1142627E

[Redacted]

25X1

DMA STDY [Redacted] 14 AUG 78 [Redacted] SEC CLASS: 25 MSN: 55P ACCN: 5084948 25X1
KAMCHATKA MISSILE IMPACT AREAS ACT SUMMARY UR 5712 N 16133 E

[Redacted]

25X1

THIS IS THE THIRD ANNUAL WORKING PAPER ON THE KAMCHATKA IMPACT AREA ACTIVITY. MOST OF THE BACKGROUND DATA PRESENTED IN THE PREVIOUS REPORTS HAS NOT BEEN CHANGED.

THE CONTENTS SUMMARIZE ANOTHER YEAR'S WORK WITH STATISTICS THROUGH OCTOBER 1977. THE STATISTICS ON NUMBER OF IMPACT CRATERS IDENTIFIED AND DATED MAY NOT LOOK AS GOOD AS EXPECTED [Redacted] AND FOR THIS REASON A FEW SOMEWHAT CRITICAL COMMENTS HAVE BEEN MADE.

25X1

25X1

25X1

[Large Redacted Area]

25X1

[Redacted]

TOP SECRET CHESS RUFF

25X1

25X1

CIA BIIR RCS13-0012-78 AUG 78 SEC CLASS: 05C MSN: 10P ACCN: S084955

LIPETSK IRON + STEEL PLANT UR 523325N 0393822E

25X1

THE LIPETSK IRON AND STEEL PLANT IS PROBABLY THE THIRD LARGEST INTEGRATED IRON AND STEEL PLANT IN THE SOVIET UNION. IN 1974 IT PRODUCED 4,000,000 TONS OF STEEL. OUTPUT INCREASED TO 8,500,000 TONS IN 1977. BY COMPARISON, IN 1977 THE MAGNITOGORSK METALLURGICAL COMBINE PRODUCED 15,500,000 TONS OF STEEL AND THE KRIVROY ROG METALLURGICAL PLANT LENIN PRODUCED 14,000,000 TONS. THE SOVIETS PREDICT AN ANNUAL OUTPUT OF 16,000,000 TONS OF STEEL AT LIPETSK BY 1990.

SOVIET SOURCES INDICATE THAT THE ROLLED STEEL PRODUCTS OF THE PLANT INCLUDE CONSTRUCTION STEEL, SHEET STEEL FOR THE AUTOMOBILE INDUSTRY, STEEL PLATE FOR SHIPBUILDING, STEEL FOR HIGH-PRESSURE PIPE, AND SILICON STEEL FOR ELECTRICAL EQUIPMENT.

THE PLANT BEGAN OPERATION IN 1934 BUT WAS DESTROYED DURING THE SECOND WORLD WAR. RECONSTRUCTION BEGAN IN 1949 AND BY 1951 THE PLANT WAS OPERATING AGAIN. LIPETSK HAS UNDERGONE MAJOR EXPANSION SINCE 1972 WITH THE CONSTRUCTION OF TWO COKE OVEN BATTERIES, A BLAST FURNACE, A BASIC OXYGEN FURNACE BUILDING, AND A ROLLING MILL. THIS EXPANSION ACCOUNTS FOR THE DOUBLING OF STEEL PRODUCTION BETWEEN 1974 AND 1977.

AT LEAST ONE SEMIDETACHED, ONE POSSIBLE SEMIDETACHED, AND SIX DETACHED CIVIL DEFENSE SHELTERS ARE

TOP SECRET CHESS RUFF

25X1

[REDACTED] TOP SECRET CHESS RUFF [REDACTED]

25X1
25X1

LOCATED AT THE PLANT. FOUR DETACHED SHELTERS ARE LOCATED AT NEARBY UNIDENTIFIED PLANTS. THESE PLANTS ARE PROBABLY ASSOCIATED WITH THE IRON AND STEEL PLANT.

THIS REPORT CONSISTS OF A DISCUSSION OF THE PLANT AND A PHOTOGRAPH KEYED TO A TABLE LISTING THE PLANT'S MAJOR FACILITIES AND CIVIL DEFENSE SHELTERS.

25X1

TOP SECRET CHESS RUFF [REDACTED]

25X1

TOP SECRET CHESS RUFF

25X1

25X1

DIA STDY DDB1100-192-78 AUG 78 [] SEC CLASS: 25 MSN: 10P ACCN: S08496025X1

MILITARY, READINESS GRND FORCE BELORUSSIAN MD UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

PREVIOUS ANALYSES OF THE READINESS CATEGORIES OF DIVISIONS IN THE BELORUSSIAN MILITARY DISTRICT HAVE BEEN IMPAIRED BY A LIMITED QUANTITY OF HUMAN SOURCE INTELLIGENCE (HUMINT) AND THE AMBIGUOUS NATURE OF PHOTOGRAPHIC INTELLIGENCE (PHOTINT) DERIVED SIGNATURES. AN EXPANSION OF HUMINT DATA COUPLED WITH REANALYSIS OF PHOTINT NOW PERMITS A REASSESSMENT OF THE READINESS OF DIVISIONS IN BELORUSSIA. THIS STUDY EXAMINES THE READINESS OF DIVISIONS IN BELORUSSIA AND SETS FORTH SOME CONCLUSIONS.

DOD STDY 1710-260-012-78 JUN 78 [] SEC CLASS: 24 MSN: 25P ACCN: S08496125X1

ELECTRONICS, CHOP REST AW RADAR DEPLOYMENT CH
WAC NO : [] NPIC NO :
IDHS CODE: [] COMIREX NO: 25X1
ELECTRONICS, TREE FORK 2 AW RADAR DEPLOYMENT CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:
ELECTRONICS, SUUJI D AW RADAR DEPLOYMENT CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

THIS REPORT PROVIDES BACKGROUND INFORMATION AND ARTIST'S CONCEPTS OF THE CHOP REST, TREE FORK 2 AND SUUJI D (TSR) RADARS. THESE RADARS ARE DEPLOYED IN THE PRC AT SITES INVOLVED WITH BMEWS PRACTICE ACTIVITY AND ALSO AT CONVENTIONAL AIR DEFENSE SITES. SITE CONFIGURATIONS AND DEPLOYMENT PATTERNS ARE DISCUSSED.

25X1

25X1

161
TOP SECRET CHESS RUFF

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

[Large Redacted Area]

25X1

25X1

DIA NBRG NDA06-5128-77 28 AUG 78

SEC CLASS: 05A MSN:

1P

ACCN: S085008

TARABULUS PORT FACILITIES

LY 325408N 0131127E

[Redacted]

25X1

[Redacted]

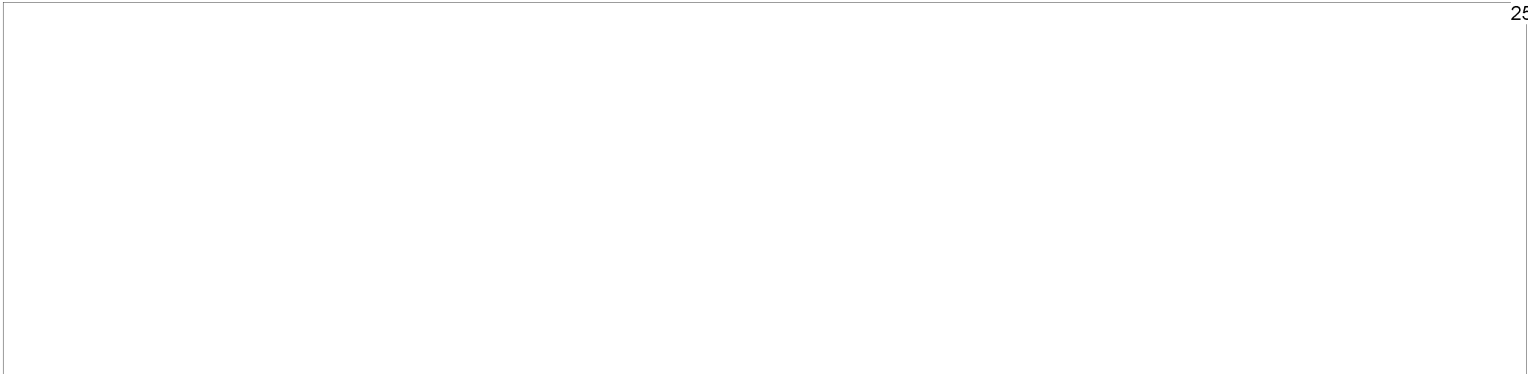
25X1

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TOP SECRET CHESS RUFF

25X1
23A1



25X1

DIA NBRG NDA07-5150-78 20 SEP 78 SEC CLASS: 05G MSN: 1P ACCN: S085021
STAROSYSOYEVKA ARMY BARRACKS AL1 UR 441150N 1331900E



25X1

DIA NBRG NDA07-5151-78 20 SEP 78 SEC CLASS: 05G MSN: 1P ACCN: S085022
GUSINOOZERSK MILITARY BARRACKS AL1 + HQ MRD UR 511930N 1062715E



25X1

DIA NBRG NDA07-5152-78 20 SEP 78 SEC CLASS: 05B MSN: 1P ACCN: S085023
BAYRAM ALI ARMY BARRACKS AL2 UR 373700N 0620915E



25X1

DIA NBRG NDA07-5132-78 20 SEP 78 SEC CLASS: 05G MSN: 1P ACCN: S085024
BULGAN ARMY BARRACKS AL1 MG 483454N 1032803E



25X1

DIA NBRG NDA07-5133-78 20 SEP 78 SEC CLASS: 05G MSN: 1P ACCN: S085025

TOP SECRET CHESS RUFF



25X1

[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

CHOYBALSAN MILITARY BARRACKS AL5 + HQ TK DIV MG 480333N 1143755E

[Redacted]

25X1

[Large Redacted Block]

25X1

DIA NBRG NDA07-5149-78 20 SEP 78 SEC CLASS: 05B MSN: 1P ACCN: S085028

YAMBOL ARMY BARRACKS 1 BU 422901N 0263120E

[Redacted]

25X1

DIA NBRG NDA07-5153-78 20 SEP 78 SEC CLASS: 05B MSN: 1P ACCN: S085029

TSELINOGRAD ARMY BARRACKS AL1 UR 511052N 0712313E

[Redacted]

25X1

DIA NBRG NDA07-5154-78 20 SEP 78 SEC CLASS: 05B MSN: 1P ACCN: S085030

BOBRUYSK ARMY BARRACKS AL2/HQ TK ARMY/TK DIV UR 530830N 0291438E

[Redacted]

25X1

DIA NBRG NDA07-5155-78 20 SEP 78 SEC CLASS: 05B MSN: 1P ACCN: S085031

BAYRAM ALI TACTICAL SS-1 BARRACKS AL1 UR 373616N 0621030E

[Redacted]

25X1

[Redacted]

25X1

167
TOP SECRET CHESS RUFF

[Redacted]

25X1

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[Redacted]

TOP SECRET CHESS RUFF

[Redacted]

25X1

DIA IIM 563-59527-78 15 SEP 78 [Redacted] SEC CLASS: 13 MSN: 1P ACCN: 5085082 25X1
NYANGI AIRFIELD FITTER SU-17 COUNT UR 504034N 1060833E

[Redacted]

25X1

[Large Redacted Area]

25X1

NPIC MEMO [Redacted] 25 SEP 78 [Redacted] SEC CLASS: 14B MSN: 3P ACCN: 5085087 25X1

KOTLUBAN RADIO RELAY STATION UR 485700N 0441345E

[Redacted]

25X1

NOVYY ROGACHIK RADIO RELAY STATION UR 484025N 0440332E

[Redacted]

25X1

KALACH NA DONU RADIO RELAY STATION UR 484040N 0432910E

[Redacted]

25X1

25X1

25X1

[Redacted]

[Redacted]

TOP SECRET CHESS RUFF

25X1
25X1

[REDACTED]
NIZHNE CHRISKAYA RADIO RELAY STATION SW UR 482040N 0430350E

25X1
25X1

[REDACTED]
MORSKOY RADIO RELAY STATION UR 480507N 0423550E

25X1

[REDACTED]
MELEKHOVSKAYA RADIO RELAY STATION NE UR 473120N 0403450E

25X1

[REDACTED]
MARIINSKAYA RADIO RELAY STATION UR 473800N 0414320E

25X1

[REDACTED]
KONSTANTINOVSKIY RADIO RELAY STATION UR 474227N 0410825E

25X1

THIS MEMO DESCRIBES THE TYPES AND ORIENTATION AND CURRENT STATUS OF RADIO-RELAY ANTENNAS IN THE VOLGOGRAD - ROSTOV AREA. IMAGERY USED DATED APRIL 1977 TO PRESENT.*

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Top Secret



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