

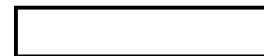
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PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY
KH-7 MISSION 4033
13-20 OCTOBER 1966

PART II



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OCTOBER 1966

COPY 185

104 PAGES



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TOP SECRET

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TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

TABLE OF CONTENTS

PREFACE	2
TRACK OF MISSION	3
HIGHLIGHTS	9
MISSILES	15
AIR FACILITIES	66
[REDACTED]	74
NAVAL ACTIVITY/PORTS	77
ELECTRONICS/COMMUNICATIONS	81
MILITARY ACTIVITY	83
COMPLEXES	89
INDEX OF TARGETS	90
ATTACHMENTS	APPENDIX

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

OAK - PART II**KH-7 MISSION 4033****PREFACE**

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 4033 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. COUNTRY CODE ABBREVIATIONS ARE PRINTED ON THE INSIDE OF THE BACK COVER PAGE.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID COORDINATES FOR NEW TARGETS ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). ANY COLOR COVERAGE IS DESIGNATED BY THE LETTER C IMMEDIATELY FOLLOWING FRAME NUMBERS.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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Highlights

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MISSION 4033, 13-20 OCTOBER 1966

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HIGHLIGHTS

1. MISSILE ACTIVITY

ELEVEN TYPE IIID SMALL SINGLE SILO LAUNCH SITES ARE NEWLY IDENTIFIED -- 4 CONFIRMED AND 1 POSSIBLE SITES AT SVOBODNYI AND 6 CONFIRMED SITES AT TATISHCHEVO. THE CURRENT COUNT OF ICBM LAUNCHERS AT DEPLOYED COMPLEXES (THE FIGURE SHOWN IN PARENTHESIS INDICATES THE NUMBER OF POSSIBLE LAUNCHERS AND IT IS NOT INCLUDED IN TOTALS) IS AS FOLLOWS --

TYPE IIIC	129 (2)
TYPE IIID	358 (25)
SUBTOTAL	487 (27)
OTHER LAUNCHERS	228
TOTAL	715 (27)

[Redacted]

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AT THE PLESETSK COMPLEX, THE GANTRY IS OBSERVED ON THE PAD AT SITE 9.

[Redacted]

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AT THE TYURATAM MISSILE TEST CENTER, 8 UNIDENTIFIED PIECES OF EQUIPMENT ARE PARKED IN THE ELECTRONIC FACILITY WEST OF SITE D2, LAUNCH COMPLEX D. THE CONFIGURATION OF THE 6 LARGER PIECES IS SIMILAR TO SCUD/FROG-TYPE EQUIPMENT.

AN SS-4 MISSILE EXERCISE IS APPARENT ON 3 OF THE 4 LAUNCH POSITIONS AT NOVOSELKI FIXED FIELD MRBM SITE 1, USSR. A TRANSPORTER, ERECTORS, OXIDIZER TRANSPORTERS, AND FUEL TRAILERS ARE OBSERVED.

AT THE FEODOSIYA PROBABLE LONG RANGE SAM LAUNCH COMPLEX, USSR, 2 PROBABLE ELECTRONIC-ASSOCIATED AREAS NEAR THE AIR WARNING RADAR FACILITY ARE NEWLY IDENTIFIED. THESE ARE SIMILAR TO THOSE PREVIOUSLY IDENTIFIED AT THE PROBABLE LONG RANGE SAM COMPLEXES AT SARY-SHAGAN, TALLINN, AND LIEPAJA.

AT THE SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR, THE LAUNCHER AT POSITION 6, SITE A, PROBABLE LONG RANGE SAM LAUNCH COMPLEX 1, IS OBSERVED ON THE ROAD IMMEDIATELY ADJACENT TO THE LAUNCH POINT AND POSSIBLY HOLDS A DRAPED MISSILE COMPONENT. THE AREA NEAR INSTRUMENTATION SITE 2, PREVIOUSLY REFERRED TO AS AN UNIDENTIFIED FACILITY, IS

TOP SECRET

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TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

NOW IDENTIFIED AS A MISSILE LAUNCH AREA AND IS DESIGNATED LAUNCH COMPLEX C. THE DESIGN AND SIZE OF THE LAUNCH AREA IS SURPRISINGLY ALMOST IDENTICAL TO LAUNCH COMPLEX H AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER.

AT THE SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA, A NEW LAUNCH COMPLEX, DESIGNATED COMPLEX D, IS IDENTIFIED 4 NM NNW OF COMPLEX C. TWO MOBILE GANTRY CRANES WHICH APPEAR TO BE THE TYPE USED WITH THE SS-1 AND SS-2 MISSILE SYSTEMS ARE OBSERVED IN THE PAD AREA.

STATUS OF COMOR TARGET READOUT

THIS OAK REPORTS ON 276 COMOR TARGETS AND 3 NON-COMOR TARGETS.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- TYURATAM MISSILE TEST CENTER
- TABLE 3 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 4 -- SAM AND ABM DEPLOYMENT
- TABLE 5 -- DATE/TIME OF PHOTOGRAPHIC PASSES.

TOP SECRET

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TABLE I. SOVIET ICBM DEPLOYMENT

COMPLEX	TYPE I		TYPE II		TYPE III		TYPE IIIC		TYPE IIID		New Positions this Mission		Total Launch Positions	Launch Groups Identified To Date	
	A&B	A-D	A&B	-	Sites	Complete	Sites	Complete	IIC	IID	IIC	IID			
	Sites Launchers	Sites Launchers	Sites Launchers	Sites Launchers	Sites Launchers	Complete	Sites Launchers	Complete							
☆ ALEYSK						17	5						17	3	
DOMBAROVSKIY						24(1#)	6						24(1#)	4	
☆ DROVYANAYA		3 6	3 9					47(1#)	20				62(1#)		5
☆ GLADKAYA		2 4	1 3					43(1#)	6				50(1#)		5
☆ IMENI GASTELLO						23	7						23	4	
ITATKA		3 6											6		
☆ KARTALY						22	6						22	4	
KOSTROMA		6 12	1 3					5(2#)					20(2#)		2
☆ KOZELSK		3 6	2 6					19(4#)					31(4#)		2
NOVOSIBIRSK		3 6	2 6										12		
OLOVYANNAYA			3 9					75	18				84	8	
OMSK			1 3										3		
PERM		5 10	1 3					36(10#)	4				49(10#)		4
☆ PLESETSK*	5 8	4 8	1 3										19		
☆ SHADRINSK			3 9										9		
☆ SVOBODNYI		7 14	1 3					30(1)		4(1)			47(1)		4
☆ TATISHCHEVO								94(5)	29	6			94(5)		10
TEYKOVO		6 12											12		
TYUMEN		2 4											4		
UZHUR						22(1#)	7						22(1#)	4	
☆ VERKHNYAYA SALDA		7 14	2 6										20		
YEDROVO		6 12	2 6					9(1#)					27(1#)		2
YOSHKAR-OLA		6 12											12		
☆ YURYA		8 16	3 9										25		
☆ ZHANGIZ-TOBE						21	6						21	4	
TOTALS	5 8	71 142	26 78		129(2#)	37	358(25)	77		10(1)		715(27)	23	42	

* DOES NOT INCLUDE 2 SSM POSITIONS AT SITE 13 nor 10 POSSIBLE SILOS OF UNIDENTIFIED TYPE.

☆ COVERED THIS MISSION

(#) POSSIBLE. THE POSSIBLE SITES ARE NOT INCLUDED IN THE TOTAL COUNT.

TOP SECRET

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TOP SECRET

Table 3. Soviet MRBM and IRBM Deployment

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	118	9	18	10	155	608
Caucasus	3		2	3	8	29
Central Asia	2	2	1	3	8	29
Far Eastern	9	1		1	11	43
Totals	132	12	21	17	182	709

Totals do not include 100 fixed field-type sites with total of 374 launch positions and one launch facility at Sovetskaya Gavan

Table 4. SAM and ABM Deployment

	Country														Totals***								
	USSR	Albania	Bulgaria	Czechoslovakia	Hungary	Poland	Rumania	Yugoslavia	China	Mongolia	North Korea	Indonesia	Egypt	Cuba			India	North Vietnam	Afghanistan				
SAM sites	SA-1	56																56	Confirmed				
																				Probable			
																				Possible			
		1																		1	Training		
SA-2		1024	2	19	24															1425	Confirmed		
																					8	Probable	
		2			1																3	Possible	
		1																			1		
SA-3		31																			42	Training***	
		109																			109	Confirmed	
																						1	Probable
						1																1	Possible
SA-2 SAM Support Facilities		200	1	4	6																246	Confirmed	
		2		2																		5	Probable
																							Possible
SA-3 SAM Assembly Facilities		13																				13	Confirmed
		2																				2	Probable
																							Possible
±Long Range SAM		19																				19	Confirmed
		1																				1	Probable
																							Possible
±± ABM Complexes		1																				1	Training
		2																				2	Confirmed
		5																				5	Probable
																							Possible

*Does not include alternate sites, USSR
 **Does not include 30 abandoned sites
 ***Total reflects individual sites

± Complexes are probably long range SAM associated
 ±± Complexes are probably ABM associated

TOP SECRET

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Missiles

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

MISSILES

PLESETSK ICBM COMPLEX

UR 6254N 04038E

NO NEW MISSILE FACILITIES ARE IDENTIFIED IN PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

THE COMPLEX WAS PREDICTED FOR COVERAGE ON 3 PASSES, 1 OF WHICH HAD POOR INTERPRETABILITY. THE OTHER 2 PASSES WERE CLOUD COVERED/NOT COVERED. PROBABLE LAUNCH SITE 16 IS NO LONGER CONSIDERED A SITE AND IS DROPPED FROM NPIC LISTINGS.

TEN LAUNCH SITES, [REDACTED] THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE COVERED. AT LAUNCH SITE 15, 2 POSSIBLE SS-5 TRANSPORTERS ARE OBSERVED.

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

PLESETSK ICBM LAUNCH SITE 2

UR 6256N 04031E

NUMEROUS RAIL CARS ARE ON THE RAIL LINE LEADING INTO THE SITE. WITHIN THE SITE, A RAIL CAR IS LOCATED IN FRONT OF THE SMALL RAIL-THROUGH BUILDING AND SEVERAL RAIL CARS ARE LOCATED BETWEEN THE LARGE RAIL-THROUGH BUILDING AND THE LAUNCH PAD. CONSTRUCTION CONTINUES ON THE LARGE BUILDING APPROXIMATELY 2,000 FT SOUTH OF THE LAUNCH PAD. NO APPARENT CHANGE IS NOTED AT THE ELECTRONIC FACILITY 2 NM SOUTH OF THE LAUNCH PAD.

PLESETSK ICBM LAUNCH SITE 3

UR 6257N 04041E

SEVERAL RAIL CARS ARE LOCATED ON VARIOUS RAIL SPURS LEADING TO THE LAUNCH PAD.

TOP SECRET

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

PLESETSK ICBM LAUNCH SITE 4

UR 6258N 04046E

SITE IS COMPLETE.

[REDACTED]

PLESETSK ICBM LAUNCH SITE 5

UR 6303N 04057E

SITE IS COMPLETE.

[REDACTED]

PLESETSK ICBM LAUNCH SITE 6

UR 6300N 04052E

THE RIGHT SILO DOOR IS IN AN OPEN POSITION. A LONG VEHICLE/PIECE OF EQUIPMENT IS LOCATED ON THE LOOP ROAD IN FRONT OF THE SILO ACCESS ROADS.

[REDACTED]

PLESETSK ICBM LAUNCH SITE 7

UR 6251N 04034E

A VEHICLE/PIECE OF EQUIPMENT IS ON THE ROAD LEADING INTO THE WEST BUILDING OF THE [REDACTED] FACILITY.

[REDACTED]

PLESETSK ICBM LAUNCH SITE 8

UR 6253N 04047E

THREE POSSIBLE PROPELLANT TRAILERS ARE LOCATED IN THE VEHICLE MAINTENANCE AREA AND A PROBABLE VEHICLE/PIECE OF EQUIPMENT IS OBSERVED AT THE [REDACTED] FACILITY.

[REDACTED]

PLESETSK ICBM LAUNCH SITE 9

UR 6253N 04051E

CLOUDS AND HAZE OBLITERATE MANY OF THE DETAILS AT THE LAUNCH SITE. THE GANTRY WHICH WAS LOCATED BEHIND THE LEFT LAUNCH PAD IS NOW POSITIONED DIRECTLY ON THE PAD. THE OPEN BASINS NORTH OF THE LAUNCH PADS ARE NOT APPARENT ON THIS PHOTOGRAPHY. UNIDENTIFIED

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

CONSTRUCTION ACTIVITY WHICH MAY BE A POSSIBLE TANK IS OBSERVED.

[REDACTED]

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PLESETSK ICBM LAUNCH SITE 10

UR 6252N 04052E

CLOUDS AND HAZE OBLITERATE MANY OF THE DETAILS OF THE LAUNCH SITE. THE OPEN BASINS NORTH OF THE LAUNCH PADS ARE NOT APPARENT ON THIS PHOTOGRAPHY. UNIDENTIFIED CONSTRUCTION ACTIVITY WHICH MAY BE 2 POSSIBLE TANKS IS OBSERVED.

[REDACTED]

25x1

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PLESETSK SSM LAUNCH SITE 13

UR 6252N 04044E

NUMEROUS VEHICLES/PIECES OF EQUIPMENT AND A POSSIBLE SS-5 TRANSPORTER MEASURING [REDACTED] ARE LOCATED ON THE APRON ADJACENT TO THE LOOP ROAD. ANOTHER POSSIBLE SS-5 TRANSPORTER [REDACTED] IS LOCATED AT THE NE CORNER OF THE LOOP ROAD. THE ERECTOR FOR THE SOUTH LAUNCH PAD HAS BEEN PULLED BACK TO THE EDGE OF THE PAD. A UNIDENTIFIED LONG CYLINDRICAL OBJECT IS LOCATED ON THE SOUTH SIDE OF THE ERECTOR.

[REDACTED]

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PLESETSK ICBM PROB LAUNCH SITE 16

UR 6246N 04035E

THE AREA IS COVERED BY NON-STEREO PHOTOGRAPHY OF POOR INTERPRETABILITY WHICH LIMITS ANALYSIS OF THE SITE. THE 2 EXCAVATIONS AND RECTANGULAR STRUCTURES SITUATED JUST EAST OF THE CROSS OF THE T-SHAPED DITCH, REPORTED ON [REDACTED] HAVE NOW BEEN EARTH MOUNDED.

25x1

THE T-SHAPED DITCH IS STILL APPARENT. THE SQUARE BUILDING AND LONG RECTANGULAR BUILDING SHOW NO CHANGE ALTHOUGH THE LONG RECTANGULAR BUILDING MAY BE EARTH BANKED. A LOOP ROAD NOW ENCLOSES THE SITE.

THE ONLY FEATURES LINKING THIS SITE TO MISSILE LAUNCH FUNCTIONS IS THE WIDE ANGLE TURNS WHERE THE ACCESS ROAD JOINS THE COMPLEX MAIN ROAD AND THE WIDE CURVATURE OF THE LOOP ROAD ITSELF. THE AREA IS NOT SECURED BY A FENCE. NO OTHER FEATURE OF THIS SITE IS COMPATIBLE

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

WITH ANY OF THE KNOWN LAUNCH SITES IN THE SOVIET UNION. THE REAL FUNCTION OF THE SITE CANNOT BE DETERMINED BUT IT IS NO LONGER CONSIDERED TO BE A LAUNCH SITE AND IT IS DROPPED FROM NPIC LISTINGS.

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PLESETSK ICBM COMPLEX SUPPORT FACILITY UR 6254N 04038E
NO APPARENT CHANGE.

25X1

PLESETSK ICBM RAIL-TO-ROAD TRANSFER POINT UR 6255N 04044E
APPROXIMATELY 11 RAIL CARS ARE OBSERVED AT THE SIDINGS.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

YURYA ICBM COMPLEX UR 5904N 04917E

NO NEW MISSILE ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

ONLY SITES 1, 6, 8, AND 9 ARE COVERED ON THIS MISSION. SITE 6 IS CLOUD COVERED AND SITES 1, 8, AND 9 CAN BE IDENTIFIED ONLY.

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

YURYA ICBM LAUNCH SITE 1

UR 5909N 04939E

IDENTIFICATION ONLY.

[REDACTED]

YURYA ICBM LAUNCH SITE 8

UR 5911N 04946E

IDENTIFICATION ONLY.

[REDACTED]

YURYA ICBM LAUNCH SITE 9

UR 5906N 04945E

IDENTIFICATION ONLY.

[REDACTED]

TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

A NEW SINGLE SILO LAUNCH SITE OF UNDETERMINED TYPE, DESIGNATED SITE I7, IS IDENTIFIED APPROXIMATELY 1.2 NM ENE OF SITE I1 AT 45-56N 063-27E. FIRST EVIDENCE OF CONSTRUCTION WAS OBSERVED ON [REDACTED] THERE WAS NO EVIDENCE OF CONSTRUCTION ON [REDACTED]

[REDACTED] THE SITE PRESENTLY CONSISTS OF 3 EXCAVATIONS IN A LINE, ORIENTED ON AN APPROXIMATE N-S AXIS, A BUILDING FOUNDATION MEASURING APPROXIMATELY 160 X 45 FT, AND A BUILDING MEASURING APPROXIMATELY [REDACTED] FT. THE SOUTHERNMOST OF THE 3 EXCAVATIONS CONTAINS A CORING. MENSURATION OF THE EXCAVATIONS AND THE CORING COULD NOT BE ACCOMPLISHED BECAUSE THE IMAGES FALL IN THE YAW SLIT AT THE EDGE OF THE FRAME.

CONSTRUCTION CONTINUES [REDACTED] AND THE NEW SUBSTATION. NO SIGNIFICANT CHANGES ARE OBSERVED AT THE PROPELLANT PRODUCTION PLANT OR THE LARGE INTERFEROMETER.

[REDACTED]

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MISSION 4033, 13-20 OCTOBER 1966

TYURATAM LAUNCH COMPLEX A

UR 4555N 06320E

25X1

AT LAUNCH PAD A1, TWO LONG, SPECIALLY CONFIGURED RAIL CARS, APPARENTLY SIMILAR TO THOSE REPORTED [REDACTED] [REDACTED] ARE PARKED ON THE SOUTH SPUR SERVING THE PAD AREA. ALSO IN THE VICINITY OF THE PAD ARE A SHORTER RAIL CAR AND 3 VEHICLES/PIECES OF EQUIPMENT. A SINGLE, LIGHT-TONED RAIL CAR AND A STRING OF RAIL CARS ARE PARKED TO THE REAR OF THE PAD ON THE APPROACH RAILS.

25X1

25X1

AT LAUNCH PADS A2-A3, A RAIL CAR IS PARKED ON THE SPUR SERVING PAD A3. THE FOLLOWING EQUIPMENT IS PARKED ON THE APPROACH SPURS WEST OF THE PADS -- 3 UNUSUAL RAIL CARS HAVING A HIGH END AND A SLOPING FRAMEWORK (ONE APPEARS TO HAVE AN EXTENDED INCLINED MEMBER). A LATTICEWORK RAIL CAR, A RAIL CAR, A CRANE CAR, AND A LIGHT-TONED CYLINDER ARE PARKED ON THE RAIL SPURS AND TWO LIGHT-TONED CYLINDERS ARE BETWEEN THE SPURS. THESE APPEAR TO BE IN THE SAME POSITIONS THEY WERE IN ON [REDACTED]

25X1

A DITCH HAS BEEN DUG AROUND 3 SIDES OF THE LARGE BUILDING UNDER CONSTRUCTION IN THE SUPPORT FACILITIES. A NEW DITCH HAS BEEN OPENED FROM THE VICINITY OF THE STEAMPLANT AND EXTENDS TOWARD THE LARGE BUILDING UNDER CONSTRUCTION. THREE BUILDINGS ON THE NORTH SIDE OF THE BUILDING HAVE BEEN REMOVED AND 2 NEW ONES ARE UNDER CONSTRUCTION IN THE VICINITY.

25X1

TYURATAM LAUNCH COMPLEX D

UR 4601N 06400E

25X1

AT SITE D1, THE CENTER AND RIGHT SILO DOORS ARE OPEN. TWO PROBABLE TRANSPORTERS ARE PARKED AT THE LARGE BUILDING AT THE ENTRANCE TO THE SITE AND AT LEAST 5 OTHER VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE SITE. FOUR RINGS ARE LYING ON THE APRON AT THE LARGE BUILDING AT THE ENTRANCE TO THE SITE.

AT SITE D2, A PROBABLE TRANSPORTER AND A VEHICLE/PIECE EQUIPMENT ARE PARKED ON THE LOOP ROAD IN FRONT OF THE SILOS AND 2 OTHER SMALL VEHICLES/PIECES OF EQUIPMENT ARE WITHIN THE SITE. THE TWO BUILDINGS REPORTED AS BEING RECONSTRUCTED INSIDE THE FENCE AT THE SITE ENTRANCE APPEAR TO BE COMPLETE AND 2 BUILDINGS ARE UNDER CONSTRUCTION OUTSIDE OF THE FENCE AT THE SITE

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

ENTRANCE.

UNIDENTIFIED EQUIPMENT IS OBSERVED AT THE ELECTRONIC FACILITY WEST OF SITE D2 AND SOUTH OF THE MAIN ACCESS ROAD. THE EQUIPMENT CONSISTS OF 8 PIECES PARKED IN A ROW TO THE REAR OF THE INSTRUMENTATION BUILDING. LENGTHS OF THESE ARE 4 APPROXIMATELY [REDACTED] 2 APPROXIMATELY [REDACTED] AND 2 APPROXIMATELY 25 FT. ALTHOUGH LIMITED ANALYSIS HAS NOT PROVIDED IDENTIFICATION OF THE EQUIPMENT, THE CONFIGURATION OF THE 6 LARGER PIECES IS SIMILAR TO SCUD/FROG-TYPE EQUIPMENT. A TENT, APPROXIMATELY [REDACTED] IS ERECTED ADJACENT TO THE LINE OF EQUIPMENT.

25X1
25X

25X1

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TYURATAM LAUNCH COMPLEX E

UR 4557N 06311E

A CRANE AND 2 VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN THE VICINITY OF THE [REDACTED] [REDACTED] AND 2 SMALL VEHICLES/PIECES OF EQUIPMENT ARE LOCATED NEAR EACH OF THE READY BUILDINGS.

25X1

25X
25X

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

TYURATAM LAUNCH COMPLEX F

UR 4601N 06305E

THREE LONG VEHICLES/PIECES OF EQUIPMENT ARE PARKED JUST EAST OF THE RIGHT SILO AND ANOTHER IS IN THE NE CORNER OF THE LAUNCH AREA. A SHORTER VEHICLE/PIECE OF EQUIPMENT IS PARKED FORWARD, AND SLIGHTLY WEST, OF THE LEFT SILO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

TYURATAM LAUNCH COMPLEX H

UR 4559N 06342E

ONLY THE L-SHAPED ELECTRONIC FACILITY EAST OF THE LAUNCH AREA IS COVERED. NO SIGNIFICANT CHANGES ARE OBSERVED.

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

25X1

[REDACTED]

25X1

TYURATAM LAUNCH GROUP I (SITES I1, I2, I3) UR 4555N 06326E

25X1

AT SITE I1, APPROXIMATELY 15 VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON IN THE VICINITY OF THE SILO AND APPROXIMATELY 7 OTHERS ARE IN THE VICINITY OF THE LARGE BUILDING AT THE SITE ENTRANCE. NO OTHER EQUIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

TYURATAM LAUNCH GROUP I (SITE I4) UR 4554N 06320E

A PROBABLE MISSILE APPROXIMATELY 90 FT LONG IS ON A TRANSPORTER JUST NORTH OF THE SILO. FOURTEEN VEHICLES/PIECES OF EQUIPMENT, INCLUDING A CRANE, ARE PARKED ON THE APRON IN THE VICINITY OF THE SILO. APPROXIMATELY 6 SMALL VEHICLES/PIECES OF EQUIPMENT ARE PARKED WEST OF THE LARGE BUILDING AT THE SILO ENTRANCE AND 9 OTHERS ARE PARKED OUTSIDE THE FENCE AT THE ENTRANCE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

TYURATAM LAUNCH COMPLEX J UR 4555N 06317E

AT LAUNCH AREA J1-J2, AN EXCAVATION, POSSIBLY FOR ANOTHER LARGE BUILDING, HAS BEEN DUG JUST SE OF THE 3 LARGE BUILDINGS INTERCONNECTED BY CONDUIT NEAR THE CENTER OF THE LAUNCH AREA. A DEEP, WIDE DITCH HAS BEEN DUG NORTHEASTWARD FROM THE EAST END OF THE EASTERN SECTION OF THE Y-SHAPED BLAST DEFLECTOR AT PAD J1. THE NEARLY SQUARE BUILDING FORWARD OF J1 APPEARS TO HAVE A CIRCULAR OPENING AT OR NEAR THE CENTER. TWO ROWS OF CLOSELY SPACED OBJECTS ARE LOCATED JUST EAST OF THE PREVIOUSLY REPORTED STEEL STRUCTURE UNDER CONSTRUCTION FORWARD OF J1. A DITCH HAS BEEN OPENED PARALLEL TO AND ON THE DOWNRANGE SIDE OF THE ARC-SHAPED CONDUIT FORWARD OF J2.

25X1

25X1

TOP SECRET

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

AT THE MISSILE ASSEMBLY AND CHECKOUT FACILITY, 4 LONG OBJECTS, EACH OF WHICH APPEARS TO BE HIGHER AT THE CENTER, ARE LOCATED ON THE GANTRY TRACK FOUNDATIONS JUST NORTH OF THE MAB. TWO ARE POSITIONED IN TANDEM ON EACH OF THE 2 WESTERN TRACK FOUNDATIONS. THE OVERALL LENGTH OF EACH TANDEM PAIR IS APPROXIMATELY 155 FT. IT IS POSSIBLE THAT CONSTRUCTION HAS BEGUN ON THE CRAWLER/TRANSPORTER. ON THE RAIL SPUR WHICH ENTERS THE SOUTH END OF THE MAB, THERE IS A STRING OF RAIL CARS, 3 OF WHICH ARE APPROXIMATELY 115 FT LONG.

[Redacted]

25X1

TYURATAM LAUNCH GROUP L (SITE L3)

UR 4604N 06305E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

25X1

TYURATAM LAUNCH GROUP L (SITE L8)

UR 4601N 06307E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

TYURATAM LAUNCH GROUP L (SITE L9)

UR 4558N 06306E

THE SILO DOOR IS OPEN AND A RING AND ONE SMALL VEHICLE/PIECE OF EQUIPMENT ARE NEARBY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

TYURATAM LAUNCH GROUP M (SITE M3)

UR 4602N 06306E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

[Redacted]

[Redacted]

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

TYURATAM MAIN SUPPORT BASE

UR 4538N 06317E

NO SIGNIFICANT CHANGE OBSERVED SINCE

YOSHKAR-OLA ICBM COMPLEX

UR 5633N 04801E

NO NEW MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

THE COMPLEX IS NOT COVERED.

SVOBODNYY ICBM COMPLEX

UR 5146N 12806E

ALMOST THE ENTIRE COMPLEX, INCLUDING 35 OF THE CURRENT TOTAL OF 39 SITES, IS COVERED BY ONE PASS OF PHOTOGRAPHY OF GOOD INTERPRETABILITY. ANOTHER PASS COVERING THE COMPLEX IS COMPLETELY CLOUD COVERED.

FIVE TYPE IIID SITES ARE NEWLY IDENTIFIED AND ARE DESIGNATED 37K, 42J, 43J, POSSIBLE 44J, AND 45L. LAUNCH SITE 39 IS NO LONGER CONSIDERED A VALID SITE AND IT IS DROPPED FROM NPIC LISTINGS.

SITE 37K IS LOCATED AT 51-26N 127-50E AND IS IN A MID-STAGE OF CONSTRUCTION. IT CAN BE NEGATED ON [REDACTED] AND WAS FIRST OBSERVED ON MISSION

SITE 42J IS LOCATED AT 51-40N 127-52E AND IS IN A MID-STAGE OF CONSTRUCTION. IT CAN BE NEGATED ON [REDACTED] AND IS FIRST OBSERVED ON THIS MISSION.

SITE 43J IS LOCATED AT 51-37N 127-53E AND IS IN AN EARLY STAGE OF CONSTRUCTION. IT CAN BE NEGATED ON [REDACTED] AND IS FIRST OBSERVED ON THIS MISSION.

POSSIBLE SITE 44J IS LOCATED AT 51-37N 128-00E AND IS IN AN EARLY STAGE OF CONSTRUCTION. IT CAN BE NEGATED ON [REDACTED] AND IS FIRST OBSERVED ON

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

THIS MISSION.

SITE 45L IS LOCATED AT 51-20N 127-48E AND IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. IT CAN BE NEGATED AND WAS FIRST OBSERVED ON

25X1

NO OTHER NEW MISSILE FACILITIES ARE OBSERVED IN THE PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

25X1

SVOBODNY ICBM LAUNCH SITE 3

UR 5154N 12809E

THREE VEHICLES/PIECES OF EQUIPMENT ARE VISIBLE IN FRONT OF THE LEFT READY BUILDING. THREE UNIDENTIFIED OBJECTS ARE ON THE LOOP ROAD.

25X1

25X1

SVOBODNY ICBM LAUNCH SITE 4

UR 5158N 12806E

A MISSILE/TRANSPORTER IS IN FRONT OF THE RIGHT READY BUILDING. FIVE VEHICLES/PIECES OF EQUIPMENT ARE VISIBLE THE ERECTOR IS IN THE UPRIGHT POSITION ON THE RIGHT PAD.

25X1

25X1

SVOBODNY ICBM LAUNCH SITE 5

UR 5151N 12812E

A POSSIBLE MISSILE IS ON THE LEFT PAD.

25X1

25
TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

SVOBODNYY ICBM LAUNCH SITE 6

UR 5143N 12759E

25X1

A MISSILE/TRANSPORTER IS LOCATED IN FRONT OF THE LEFT READY BUILDING BEHIND THE LEFT PAD. THE ERECTOR ON THE LEFT PAD IS IN AN UPRIGHT POSITION.

[REDACTED]

25X1

SVOBODNYY ICBM LAUNCH SITE 7

UR 5137N 12757E

ONE OF THE SILO DOORS HAS A MOTTLED APPEARANCE. SIX VEHICLES ARE PARKED BETWEEN THE 2 RIM BUILDINGS. TWO VEHICLES/PIECES OF EQUIPMENT ARE IN THE [REDACTED]

[REDACTED]

25X1

25X1

[REDACTED]

25X1

SVOBODNYY ICBM LAUNCH SITE 8

UR 5202N 12805E

TWO VEHICLES ARE ON THE ROAD CONNECTING THE 2 LAUNCH PADS.

[REDACTED]

25X1

SVOBODNYY ICBM LAUNCH SITE 9 (K)

UR 5127N 12801E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNYY ICBM LAUNCH SITE 10 (I)

UR 5147N 12809E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNYY ICBM LAUNCH SITE 11 (I)

UR 5153N 12810E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. CONSTRUCTION CONTINUES ON THE CONTROL FACILITY.

[REDACTED]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

SVOBODNYI ICBM LAUNCH SITE 12 (I) UR 5148N 12803E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

25X1

SVOBODNYI ICBM LAUNCH SITE 14 (I) UR 5150N 12808E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNYI ICBM LAUNCH SITE 15 (I) UR 5155N 12805E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNYI ICBM LAUNCH SITE 16 (I) UR 5151N 12802E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNYI ICBM LAUNCH SITE 17 (I) UR 5154N 12759E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNYI ICBM LAUNCH SITE 18 (J) UR 5143N 12756E

THE SITE IS NOW IN A MID-STAGE OF CONSTRUCTION.
CONSTRUCTION CONTINUES ON THE CONTROL FACILITY.

[REDACTED]

25X1

SVOBODNYI ICBM LAUNCH SITE 19 (J) UR 5146N 12800E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

25X1

25X1

TOP SECRET

[REDACTED]

[REDACTED]

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

SVOBODNY ICBM LAUNCH SITE 21 (I) UR 5157N 12759E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

25X1

SVOBODNY ICBM LAUNCH SITE 22 (I) UR 5159N 12802E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNY ICBM LAUNCH SITE 23 (I) UR 5148N 12814E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNY ICBM LAUNCH SITE 24 (K) UR 5130N 12758E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[REDACTED]

25X1

SVOBODNY ICBM LAUNCH SITE 25 (K) UR 5127N 12756E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.
CONSTRUCTION CONTINUES ON THE CONTROL FACILITY.

[REDACTED]

25X1

SVOBODNY ICBM LAUNCH SITE 26 (K) UR 5123N 12753E

IDENTIFICATION ONLY.

[REDACTED]

25X1

SVOBODNY ICBM LAUNCH SITE 27 (K) UR 5124N 12803E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

SVOBODNY ICBM LAUNCH SITE 29 (K)

UR 5121N 12759E

IDENTIFICATION ONLY.

[Redacted]

25X1

25X1

SVOBODNY ICBM LAUNCH SITE 30 (K)

UR 5131N 12750E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

SVOBODNY ICBM LAUNCH SITE 31 (J)

UR 5139N 12808E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

SVOBODNY ICBM LAUNCH SITE 32 (J)

UR 5143N 12804E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

SVOBODNY ICBM LAUNCH SITE 34 (K)

UR 5123N 12758E

IDENTIFICATION ONLY.

[Redacted]

25X1

SVOBODNY ICBM LAUNCH SITE 36 (K)

UR 5119N 12754E

IDENTIFICATION ONLY.

[Redacted]

25X1

SVOBODNY ICBM LAUNCH SITE 38 (J)

UR 5140N 12803E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TOP SECRET

[Redacted]

[Redacted]

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

SVOBODNY ICBM LAUNCH SITE 39

UR 5140N 12754E

25X1

THE SITE IS NO LONGER CONSIDERED VALID AND IS DROPPED FROM NPIC LISTINGS.

25X1

[Redacted]

25X1

[Redacted]

25X1

[Redacted]

DROVYANAYA ICBM COMPLEX

UR 5131N 11300E

NO NEW MISSILE FACILITIES OBSERVED IN PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

THE COMPLEX IS COVERED BY THREE PASSES, 2 OF WHICH ARE INTERPRETABLE. APPROXIMATELY 60 PERCENT OF THE COMPLEX PROPER IS COVERED BY CLOUD-FREE PHOTOGRAPHY.

A 5-3-5 FISH BONE ARRAY IS OBSERVED IN A SECURED AREA WEST OF THE BARRACKS IN THE ADMINISTRATION/HOUSING AREA. FOUR TO 6 NOSECONE VANS ARE IN THE [Redacted]

25X1

25X1

[Redacted]

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

25X1

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 1

UR 5125N 11300E

THE SITE IS COMPLETE.

25X1

[Redacted]

TOP SECRET

25X1

25X1

[Redacted]

[Redacted]

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

25X1

DROVYANAYA ICBM LAUNCH SITE 2

UR 5125N 11304E

25X1

TWO LONG UNIDENTIFIED OBJECTS ARE IN THE RIM FACILITY.

[REDACTED]

25X1

DROVYANAYA ICBM LAUNCH SITE 3

UR 5120N 11301E

A MISSILE IS IN FRONT OF ONE OF THE RIGHT MISSILE-READY BUILDINGS. TWO COVERED PROBABLE MISSILE COMPONENTS WERE IN THIS LOCATION ON [REDACTED]. THESE COMPONENT PARTS WERE SIMILAR TO THOSE LOCATED IN THE TRANSFER POINT. VEHICULAR ACTIVITY IS OBSERVED IN THE [REDACTED]

25X1

25X

25X1

DROVYANAYA ICBM LAUNCH SITE 4

UR 5127N 11303E

A PROBABLE MISSILE IS ON THE ROAD BETWEEN THE LEFT MISSILE-READY BUILDING AND THE PAD [REDACTED]. A POSSIBLE MISSILE IS ERECTED ON THE RIGHT PAD. TWO VEHICLES ARE ON THE ACCESS ROAD TO THE RIGHT PAD.

25X1

A MISSILE IS ERECTED ON THE LEFT PAD ON [REDACTED]. TWO VEHICLES ARE ON THE ACCESS ROAD TO THE RIGHT PAD.

25X1

25X1

DROVYANAYA ICBM LAUNCH SITE 5

UR 5122N 11250E

THE END SILO DOORS ARE OPEN AND THE CENTER DOOR IS CLOSED ON [REDACTED]. TWO VEHICLES ARE NEAR THE LEFT SILO.

25X1

THE LEFT AND CENTER DOORS ARE OPEN ON [REDACTED]. THIRTEEN UNIDENTIFIED VEHICLES ARE OBSERVED AROUND THE LAUNCH AREA.

25X1

25X1

[REDACTED]

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM LAUNCH SITE 6

UR 5120N 11254E

25X1

ALL SILO DOORS APPEAR TO BE CLOSED [REDACTED] TWO UNIDENTIFIED OBJECTS ARE IN FRONT OF 1 MISSILE-READY BUILDING AND EITHER 1 OR 2 UNIDENTIFIED OBJECTS ARE IN FRONT OF THE OTHER MISSILE-READY BUILDING.

25X1

THE CENTER AND RIGHT SILO DOORS ARE IN THE OPEN POSITION [REDACTED] TWO COVERED MISSILES/MISSILE COMPONENTS ARE IN FRONT OF 1 OF THE MISSILE-READY BUILDINGS AND 2 PROBABLE MISSILE COMPONENTS ARE IN FRONT OF THE OTHER MISSILE-READY BUILDING.

25X1

[REDACTED]

25X1

DROVYANAYA ICBM LAUNCH SITE 7 (G)

UR 5138N 11305E

THE SITE IS COMPLETE.

[REDACTED]

25X1

DROVYANAYA ICBM LAUNCH SITE 8 (G)

UR 5134N 11304E

A VAN IS PARKED ADJACENT TO THE CLOSED SILO DOOR. THE 2 LONG, ARCH-ROOFED BUILDINGS HAVE BEEN EARTH MOUNDED.

[REDACTED]

25X1

DROVYANAYA ICBM LAUNCH SITE 9 (G)

UR 5136N 11302E

THE SITE IS COMPLETE.

[REDACTED]

25X1

DROVYANAYA ICBM LAUNCH SITE 10 (G)

UR 5133N 11307E

THE SITE IS COMPLETE.

[REDACTED]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM LAUNCH SITE 11 (G) UR 5136N 11307E

25k1

THE SITE IS COMPLETE.

[REDACTED]

25k1

DROVYANAYA ICBM LAUNCH SITE 12 (G) UR 5129N 11300E

THE SITE IS COMPLETE.

[REDACTED]

25k1

DROVYANAYA ICBM LAUNCH SITE 13 (G) UR 5131N 11304E

THE SITE IS COMPLETE.

[REDACTED]

25k1

DROVYANAYA ICBM LAUNCH SITE 14 (G) UR 5129N 11306E

AN UNIDENTIFIED VEHICLE IS ON THE EARTHEN ACCESS,
ADJACENT TO THE SILO DOOR ON [REDACTED]

25X

25k1

[REDACTED]

DROVYANAYA ICBM LAUNCH SITE 15 (H) UR 5126N 11302E

THE SITE IS COMPLETE.

[REDACTED]

25k1

DROVYANAYA ICBM LAUNCH SITE 16 (G) UR 5135N 11312E

THE SITE IS COMPLETE.

[REDACTED]

25X1

TOP SECRET

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM LAUNCH SITE 18 (G) UR 5131N 11300E

THE SITE IS COMPLETE.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 19 (H) UR 5121N 11251E

THE SITE IS COMPLETE.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 20 (H) UR 5122N 11257E

AN UNIDENTIFIED VEHICLE IS ON THE SITE ACCESS ROAD.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 21 (H) UR 5120N 11304E

THE SITE IS COMPLETE.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 22 (H) UR 5122N 11302E

THE SITE IS COMPLETE.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 23 (H) UR 5125N 11309E

THE SITE IS COMPLETE.

[Redacted]

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM LAUNCH SITE 24 (H) UR 5123N 11306E

THE SITE IS COMPLETE.

[Redacted]

25X1

25X1

DROVYANAYA ICBM LAUNCH SITE 25 (H) UR 5118N 11257E

THE SITE IS COMPLETE.

[Redacted]

25X1

DROVYANAYA ICBM LAUNCH SITE 26 (H) UR 5121N 11247E

THE SITE IS NOW COMPLETE.

[Redacted]

25X1

DROVYANAYA ICBM LAUNCH SITE 28 (H) UR 5124N 11252E

THE SITE IS COMPLETE.

[Redacted]

25X1

DROVYANAYA ICBM LAUNCH SITE 41 (X) UR 5130N 11302E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION.

[Redacted]

25X1

DROVYANAYA ICBM LAUNCH SITE 45 (J) UR 5115N 11314E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TOP SECRET

[Redacted]

[Redacted]

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM LAUNCH SITE 48 (J) UR 5117N 11311E

THE SITE IS NOW IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 49 (K) UR 5131N 11318E

STAGE OF CONSTRUCTION REMAINS UNDETERMINED.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 50 (J) UR 5113N 11311E

THE SITE IS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 51 (K) UR 5131N 11312E

THE SITE IS NOW IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 52 (K) UR 5129N 11312E

CONSTRUCTION STAGE IS UNDETERMINED.

[Redacted]

DROVYANAYA ICBM LAUNCH SITE 53 (K) UR 5125N 11316E

CONSTRUCTION STAGE IS UNDETERMINED.

[Redacted]

DROVYANAYA ICBM POSS LAUNCH SITE 55 UR 5125N 11312E

CONSTRUCTION STAGE IS UNDETERMINED.

[Redacted]

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM COMPLEX SUPPORT FACILITY UR 5131N 11300E

25X1

NO SIGNIFICANT ACTIVITY OBSERVED.

[REDACTED]

25X1

DROVYANAYA ICBM RAIL-TO-ROAD TSFR POINT UR 5130N 11302E

CONSTRUCTION CONTINUES ON THE 2 SMALLER ARCH-ROOFED BUILDINGS.

25X1

25X1

[REDACTED]

FIVE

PROBABLE FUEL TRANSPORTERS ARE AT 2 BUILDINGS ON THE EAST END OF THE TRANSPORTER AND 2 POSSIBLE MISSILES OR MISSILE COMPONENTS ARE ON THE RAIL LINE. ACTIVITY IS APPARENT IN ALL PORTIONS OF THE TRANSFER POINT.

(SEE ATTACHMENT)

[REDACTED]

25X1

SHADRINSK ICBM COMPLEX UR 5608N 06340E

NO NEW MISSILE-RELATED ACTIVITY OBSERVED IN PORTIONS OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

THE LAUNCH COMPLEX IS COVERED BY 1 PASS OF STEREO PHOTOGRAPHY OF FAIR INTERPRETABILITY. ALL 3 OF THE KNOWN SITES ARE OBSERVED. A PROBABLE MISSILE TRANSPORTER/LOADER IS VISIBLE AT SITE 2. THIS PIECE OF EQUIPMENT APPEARS TO BE SIMILAR TO THE ONES SEEN AT OTHER TYPE IIIC SITES ON [REDACTED] (IMENI GASTELLO AND ZHANGIZ-TOBE). THE COMPLEX SUPPORT FACILITY AND THE RAIL-TO-ROAD TRANSFER POINT ARE NOT OBSERVED.

25X1

[REDACTED]

25X1

SHADRINSK ICBM LAUNCH SITE 1 UR 5608N 06350E

NO SIGNIFICANT ACTIVITY IS OBSERVED IN THE LAUNCH AREA. THE SITE SUPPORT FACILITY SOUTH OF THE LAUNCH AREA CONSISTS OF 2 ADMINISTRATION BUILDINGS, 8 BARRACKS, 3 VEHICLE MAINTENANCE BUILDINGS, A HEAT PLANT WITH 8 HORIZONTAL TANKS, AND 14 MISCELLANEOUS BUILDINGS.

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

THE RIM FACILITY AND [REDACTED] ARE FURTHER SOUTH. THE RIM FACILITY CONSISTS OF 2 DRIVE-IN BUILDINGS (1 EARTH MOUNDED). SEVEN PIECES OF EQUIPMENT ARE IN FRONT OF THE EARTH-MOUNDED BUILDING. THREE PIECES OF EQUIPMENT ARE IN FRONT OF THE OTHER BUILDING. [REDACTED]

25X1

25X1

25X1

25X1

SHADRINSK ICBM LAUNCH SITE 2

UR 5609N 06401E

25X1

A PROBABLE MISSILE TRANSPORTER/LOADER IS VISIBLE ON THE LOOP ROAD. A POSSIBLE CRANE IS IN FRONT OF THE RIGHT SILO. THE SITE SUPPORT FACILITY TO THE SOUTH CONTAINS 2 ADMINISTRATION BUILDINGS, 7 BARRACKS, 2 VEHICLE MAINTENANCE BUILDINGS, A HEAT PLANT, A MESSHALL, AND 9 MISCELLANEOUS BUILDINGS.

[REDACTED]

25X1

THE ADJACENT RIM FACILITY CONTAINS 2 EARTH-MOUNDED BUILDINGS. A LONG, POSSIBLY CANVAS-COVERED PIECE OF EQUIPMENT IS ON THE ROAD TO THE RIM FACILITY.

25X1

[REDACTED]

25X1

SHADRINSK ICBM LAUNCH SITE 3

UR 5606N 06356E

A CANVAS-COVERED PIECE OF EQUIPMENT IS VISIBLE OUTSIDE THE LOOP ROAD TO THE EAST. THE RIM FACILITY IMMEDIATELY TO THE NORTH OF THE LAUNCH AREA CONSISTS OF 2 EARTH-MOUNDED BUILDINGS.

[REDACTED]

25X1

THE SITE SUPPORT FACILITY CONTAINS 2 ADMINISTRATION BUILDINGS, 14 BARRACKS, A PROBABLE MESSHALL, A HEAT PLANT, 3 VEHICLE MAINTENANCE BUILDINGS, AND 7 MISCELLANEOUS BUILDINGS.

25X1

[REDACTED]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

KOZELSK ICBM COMPLEX

UR 5356N 03549E

25X1

NO NEW MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

THE COMPLEX IS COVERED BY 2 PASSES OF PHOTOGRAPHY.

[REDACTED] IS CLOUD COVERED/NOT COVERED [REDACTED] IS OBSCURED BY HEAVY CLOUD COVER.

25X1

THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, AND LAUNCH SITE 28 ARE INTERPRETABLE. LAUNCH SITES 3, 29, AND 30 CAN BE IDENTIFIED ONLY. ALL OTHER SITES ARE CLOUD COVERED OR NOT COVERED.

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

25X1

KOZELSK ICBM LAUNCH SITE 3

UR 5354N 03545E

25X1

IDENTIFICATION ONLY.

25X1

KOZELSK ICBM LAUNCH SITE 28 (H)

UR 5356N 03535E

THE LAUNCH SITE CONTINUES IN A MID-STAGE OF CONSTRUCTION.

25X1

KOZELSK ICBM POSS LAUNCH SITE 29 (H)

UR 5403N 03540E

IDENTIFICATION ONLY.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

KOZELSK ICBM PROB LAUNCH SITE 30 (H) UR 5400N 03539E

25X1

IDENTIFICATION ONLY.

[Redacted]

25X1

KOZELSK ICBM COMPLEX SUPPORT FACILITY UR 5356N 03549E

NO SIGNIFICANT ACTIVITY OBSERVED.

[Redacted]

25X1

KOZELSK ICBM RAIL-TO-ROAD TRANSFER POINT UR 5356N 03547E

NO SIGNIFICANT ACTIVITY OBSERVED.

[Redacted]

25X1

ZHANGIZ-TOBE ICBM COMPLEX UR 4912N 08109E

NO NEW MISSILE FACILITIES ARE OBSERVED IN CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

THE COMPLEX IS COVERED BY A SINGLE PASS OF PHOTOGRAPHY OF POOR INTERPRETABILITY WITH HEAVY CLOUD COVER. ONLY 3 LAUNCH SITES (1, 6, AND 11) AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED THROUGH THE CLOUDS.

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

[Redacted]

25X1

ZHANGIZ-TOBE ICBM LAUNCH SITE 1 (A) UR 4911N 08059E

SEVERAL OBJECTS ARE LOCATED IN THE VICINITY OF THE SILO.

[Redacted]

25X1

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

ZHANGIZ-TOBE ICBM LAUNCH SITE 6 (A) UR 4907N 08057E

25X1

SEVERAL OBJECTS ARE LOCATED IN THE VICINITY OF THE SILO.

[REDACTED]

25X1

ZHANGIZ-TOBE ICBM LAUNCH SITE 11 (B) UR 4917N 08105E

IDENTIFICATION ONLY.

[REDACTED]

25X1

ZHANGIZ-TOBE ICBM RAIL-TO-ROAD TSFR POINT UR 4912N 08108E

NO UNUSUAL ACTIVITY IS NOTED.

[REDACTED]

25X1

ALEYSK ICBM COMPLEX UR 5229N 08243E

NO NEW MISSILE ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY.

A PORTION OF THE COMPLEX IS COVERED BY ONE PASS OF PARTIALLY CLOUD-COVERED PHOTOGRAPHY OF FAIR INTERPRETABILITY.

THE A GROUP WITH THE EXCEPTION OF LAUNCH SITE 3 IS OBSERVED, AS IS LAUNCH SITE 13 OF THE B GROUP, AND PART OF THE RAIL-TO-ROAD TRANSFER POINT.

DECEPTION, IN THE FORM OF DUMMY ROADS, IS PRESENT AT LAUNCH SITES 6 AND 12, WHILE THE LOOP ROAD AT LAUNCH SITES 2, 5, 6, AND 12 APPEARS TO HAVE BEEN DARKENED TO MATCH THE TONE OF THE SURROUNDING TERRAIN.

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

[REDACTED]

25X1

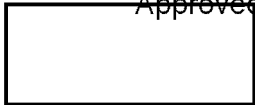
TOP SECRET

[REDACTED]

[REDACTED]

25X1

25X1



TOP SECRET



25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

ALEYSK ICBM LAUNCH SITE 1 (A)

UR 5227N 08235E

THE SITE IS COMPLETE.



25X1

25X1

ALEYSK ICBM LAUNCH SITE 2 (A)

UR 5230N 08240E

THE LOOP ROAD APPEARS TO BE DARKENED TO MATCH THE SURROUNDING TERRAIN.



25X1

ALEYSK ICBM LAUNCH SITE 5 (A)

UR 5235N 08230E

THE LOOP ROAD APPEARS TO BE DARKENED TO MATCH THE SURROUNDING TERRAIN.



25X1

ALEYSK ICBM LAUNCH SITE 6 (A)

UR 5236N 08235E

THE LOOP ROAD IS IN THE PROCESS OF BEING DARKENED AND A DUMMY ROAD IS BEING EXTENDED FROM THE END OF THE ACCESS ROAD.



25X1

ALEYSK ICBM LAUNCH SITE 12 (A)

UR 5233N 08234E

THE SITE REMAINS IN A LATE STAGE OF CONSTRUCTION. THE LOOP ROAD APPEARS TO BE DARKENED TO MATCH THE SURROUNDING TERRAIN. A DUMMY ROAD EXTENDS IN A STRAIGHT LINE FROM THE END OF THE ACCESS ROAD THROUGH THE SECURITY FENCING.

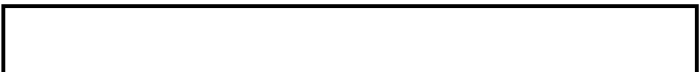


25X1

ALEYSK ICBM LAUNCH SITE 13 (B)

UR 5220N 08241E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.



25X1

TOP SECRET



25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

ALEYSK ICBM RAIL-TO-ROAD TRANSFER POINT UR 5228N 08242E

25X1

NO UNUSUAL ACTIVITY OBSERVED.

25X1

TATISCHEVO ICBM COMPLEX

UR 5140N 04534E

THE COMPLEX IS PARTIALLY COVERED ON 3 PASSES. [REDACTED] COVERS THE WESTERN PORTION AND HAS HEAVY CLOUD COVER. SEVEN SITES IN THE C GROUP AND 4 SITES IN THE D GROUP ARE OBSERVED. [REDACTED] IS CLOUD COVERED. [REDACTED] COVERS THE EASTERN PORTION AND IS CLEAR. THIRTY SITES IN THE A, E, G, H, AND J GROUPS ARE OBSERVED.

25X1

25X1

SIX NEW SITES ARE NEWLY IDENTIFIED ON [REDACTED]

25X1

SITE 103, IN THE E GROUP, IS LOCATED APPROXIMATELY 20 NM NE OF THE COMPLEX SUPPORT FACILITY AT 51-58N 045-49E. IT WAS FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON [REDACTED]

25X1

25X1

SITE 117, IN THE J GROUP, IS LOCATED APPROXIMATELY 34 NM NNE OF THE COMPLEX SUPPORT FACILITY AT 52-12N 045-48E. IT WAS FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON MISSION [REDACTED]

25X1

SITE 118, IN THE J GROUP, IS LOCATED APPROXIMATELY 31 NM NNE OF THE COMPLEX SUPPORT FACILITY AT 52-09N 045-50E. IT WAS FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON [REDACTED]

25X1

25X1

SITE 119, IN THE H GROUP, IS LOCATED APPROXIMATELY 25 NM NE OF THE COMPLEX SUPPORT FACILITY AT 52-02N 045-51E. IT WAS FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON [REDACTED]

25X1

25X1

SITE 120, IN THE E GROUP, IS LOCATED APPROXIMATELY 20 NM NE OF THE COMPLEX SUPPORT FACILITY AT 51-54N 045-56E. IT WAS FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON [REDACTED]

25X1

25X1

SITE 21, GROUP UNDETERMINED, IS LOCATED APPROXIMATELY 16 NM ENE OF THE COMPLEX SUPPORT FACILITY AT 51-47N 045-57E. IT WAS FIRST SEEN ON [REDACTED] AND CAN BE NEGATED ON [REDACTED]

25X1

25X1

ALL OF THE NEW SITES ARE IN A MID-STAGE OF CONSTRUCTION

25X1

TOP SECRET

TOP SECRET

25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

EXCEPT SITES 118 AND 121 WHICH ARE IN AN EARLY STAGE.

POSSIBLE LAUNCH SITE 87 IS NO LONGER CONSIDERED A VALID SITE AND IS DROPPED FROM NPIC LISTINGS.

WHERE EITHER MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE CONSTRUCTION STATUS OF THE SITE WILL BE REPORTED.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS

- SITE 103 --
- SITE 117 --
- SITE 118 --
- SITE 119 --
- SITE 120 --
- SITE 121 --



25X1
25X1

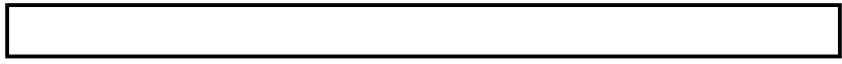


25X1

TATISHCHEVO ICBM LAUNCH SITE 1 (A)

UR 5148N 04539E

TWO RECTANGULAR BUILDINGS AT THE NORTH ENTRANCE OF THE SITE ARE COMPLETE. DITCHING PREVIOUSLY REPORTED OPENED IS NOW FILLED.



25X1

25X1

TATISHCHEVO ICBM LAUNCH SITE 2 (A)

UR 5151N 04541E

THE SITE IS COMPLETE.



25X1

TATISHCHEVO ICBM LAUNCH SITE 3 (A)

UR 5148N 04545E

THE SITE IS COMPLETE.



25X1

TOP SECRET

25X1

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

25X1

TATISHCHEVO ICBM LAUNCH SITE 5 (A) UR 5145N 04541E

THE SITE IS COMPLETE.

[REDACTED]

25X1

25X1

TATISHCHEVO ICBM LAUNCH SITE 6 (A) UR 5144N 04535E

THE SITE IS COMPLETE.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 7 (A) UR 5147N 04534E

THE SITE IS COMPLETE.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 8 (A) UR 5150N 04534E

THE SITE IS COMPLETE.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 10 (A) UR 5153N 04536E

THE LAUNCH SITE IS NOW COMPLETE.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 11 UR 5152N 04531E

THE SITE IS COMPLETE.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 20 (C) UR 5133N 04518E

THE SITE IS COMPLETE. A DECEPTIVE ROAD PATTERN EXTENDS ALONG AND OVER THE SILO ACCESS FROM THE NORTH AND EXTENDS EASTWARD.

[REDACTED]

25X1

TOP SECRET

[REDACTED]

[REDACTED]

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

TATISHCHEVO ICBM LAUNCH SITE 22 (C) UR 5132N 04513E

AN UNIDENTIFIED VEHICLE IS LOCATED NEAR THE SILO.

[REDACTED]

25X1

25X1

TATISHCHEVO ICBM LAUNCH SITE 24 (C) UR 5132N 04506E

THE SITE IS IN A LATE STAGE OF CONSTRUCTION.

DECEPTIVE ROAD PATTERN EXTENDS ALONG AND OVER THE SILO ACCESS FROM THE NORTH.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 26 (C) UR 5128N 04510E

A DECEPTIVE PATTERN ON THE SILO ACCESS IS UNIQUE AND THE FIRST OBSERVED. A LARGE RING OVER THE SILO DOOR AREA HAS A LIGHT-COLORED LANE EXTENDING AWAY FROM THE RING AT SLIGHT ANGLES TO GIVE AN ILLUSION THAT A SLANTED RAMP EXTENDS IN BOTH DIRECTIONS ALONG THE ACCESS FROM THE RING.

THE OPEN AREA ON BOTH SIDES OF THE SILO ACCESS ARE PLANTED WITH SHRUBS TO FURTHER BREAK THE GROUND PATTERN AT THE LAUNCH SITE.

THERE IS NO EVIDENCE OF AN L-TYPE ELECTRONIC FACILITY AT THIS CONTROL SITE, AND THE CONTROL FACILITIES, WHICH INCLUDE 2 SQUARE AND ONE LONG EARTH-COVERED BUILDINGS, AN EARTH-COVERED HARDENED ANTENNA, AND 2 LONG ASSOCIATED EARTH-COVERED BUILDINGS, APPEAR TO BE EXTERNALLY COMPLETE.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 32 (C) UR 5125N 04510E

THE SITE IS NOW COMPLETE. A DECEPTIVE ROAD PATTERN CROSSES ALONG THE SILO ACCESS EXTENDING OUT PAST THE SITE SECURITY FENCES.

[REDACTED]

25X1

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

TATISHCHEVO ICBM LAUNCH SITE 35 (X) UR 5141N 04532E

25X1

THE SITE IS COMPLETE. THE POSSIBLE CONTROL FACILITY HAS NOT EXPANDED. HOWEVER, A CABLE SCAR EXTENDS FROM THE EARTH-COVERED BUILDING TO THE HARDENED COMMUNICATION FACILITY EAST OF TATISHCHEVO VIA AN UNIDENTIFIED TERMINAL POINT LOCATED WEST OF THE COMPLEX MAIN ROAD AND JUST NORTH OF TATISHCHEVO.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 38 (D) UR 5140N 04502E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. THE SILO DOOR IS IN AN OPEN POSITION AND AN UNIDENTIFIED RING IS NE OF THE SILO ON THE ACCESS APRON.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 41 (D) UR 5143N 04508E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION. ONE UNIDENTIFIED LONG VEHICLE IS ON THE SOUTH SIDE OF THE OPENED SILO.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 44 (C) UR 5125N 04504E

THE SITE IS COMPLETE AND HAS A LONG, DECEPTIVE ROAD PATTERN EXTENDING NW-SE ALONG THE SILO ACCESS AND ENDING IN THE WOODED AREAS OUTSIDE OF THE SITE SECURITY FENCES.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 45 (E) UR 5152N 04546E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

TATISHCHEVO ICBM LAUNCH SITE 47 (E) UR 5155N 04543E

25X1

CONSTRUCTION STATUS IS UNDETERMINED.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 54 (D) UR 5139N 04509E

THE SITE IS NOW IN A LATE STAGE OF CONSTRUCTION WITH THE SILO DOOR IN AN OPENED POSITION. A POSSIBLE SMALL VEHICLE IS ON THE SILO APRON.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 57 (C) UR 5128N 04504E

CONSTRUCTION STATUS IS UNDETERMINED.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 72 (D) UR 5139N 04514E

THE SITE IS COMPLETE. A LONG UNIDENTIFIED VEHICLE IS ON THE NORTH END OF THE SILO ACCESS AND ANOTHER LONG VEHICLE IS AT THE SOUTH SIDE OF THE SILO. THE SILO DOOR IS OPEN.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 76 (E) UR 5152N 04557E

THE SITE REMAINS A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 77 (E) UR 5155N 04549E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION AND CAN BE CONFIRMED AS A CONTROL SITE. CONTROL BUILDINGS ARE COMPLETE BUT NOT EARTH COVERED. ONE LARGE RECTANGULAR BUILDING WEST OF THE SILO IS COMPLETE AND 1 IS UNDER CONSTRUCTION.

[Redacted]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

TATISHCHEVO ICBM LAUNCH SITE 78 (E) UR 5159N 04551E

25X1

SITE IS NOW CONFIRMED AND IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 80 UR 5201N 04545E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 81 UR 5209N 04538E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION. TWO NEW RECTANGULAR BUILDINGS ARE UNDER CONSTRUCTION SOUTH OF THE CONTROL BUILDINGS.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 82 (E) UR 5152N 04552E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM POSS LAUNCH SITE 87 UR 5149N 04554E

THIS IS NOT A VALID LAUNCH SITE AND IS DELETED FROM NPIC LISTINGS.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 95 UR 5206N 04555E

THE SITE IS NOW IN A MID-STAGE OF CONSTRUCTION. SILO DOOR TRACK FOOTINGS ARE IN PLACE.

[Redacted]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

TATISHCHEVO ICBM LAUNCH SITE 98 UR 5157N 04534E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

TATISHCHEVO ICBM LAUNCH SITE 99 UR 5209N 04544E

THE SITE IS IN A MID-STAGE OF CONSTRUCTION AND SILO DOOR TRACK FOOTINGS ARE IN PLACE.

[Redacted]

TATISHCHEVO ICBM LAUNCH SITE 100 UR 5158N 04544E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

TATISHCHEVO ICBM LAUNCH SITE 101 UR 5201N 04556E

THE SITE IS NOW CONFIRMED AND IS IN A MID-STAGE OF CONSTRUCTION. SILO DOOR TRACK FOOTINGS ARE IN PLACE.

[Redacted]

TATISHCHEVO ICBM LAUNCH SITE 102 UR 5204N 04559E

THE SITE CAN NOW BE CONFIRMED AND IS IN A MID-STAGE OF CONSTRUCTION. SILO DOOR TRACK FOOTINGS ARE IN PLACE.

[Redacted]

TATISHCHEVO ICBM LAUNCH SITE 109 UR 5214N 04540E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[Redacted]

TATISHCHEVO ICBM LAUNCH SITE 110 UR 5211N 04535E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

TOP SECRET

[Redacted]

[Redacted]

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

25X1

25X1

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 111 UR 5205N 04534E

THE SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

25X1

TATISHCHEVO ICBM LAUNCH SITE 112 UR 5206N 04540E

THE SITE IS NOW IN A MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

TATISHCHEVO ICBM PROB LAUNCH SITE 113 UR 5205N 04546E

CONSTRUCTION STATUS IS UNDETERMINED.

[REDACTED]

25X1

TATISHCHEVO ICBM LAUNCH SITE 115 UR 5202N 04538E

CONSTRUCTION STATUS IS UNDETERMINED.

[REDACTED]

25X1

TATISHCHEVO ICBM COMPLEX SUPPORT FACILITY UR 5140N 04534E

WITHIN THE RAIL HEAD AND STORAGE AREA THERE IS LESS MATERIAL IN OPEN STORAGE THAN OBSERVED ON [REDACTED]

[REDACTED] CONSTRUCTION CONTINUES IN THE ADMINISTRATION AND HOUSING AREA EAST OF TATISHCHEVO. THE HARDENED COMMUNICATION CENTER ON THE NORTH SIDE IS COMPLETE EXTERNALLY BUT NOT EARTH COVERED. A LARGE VEE CABLE SCAR POINTING NW IS IN THE ANTENNA ARRAY AREA.

[REDACTED]

25X1

25X1

25X1

TATISHCHEVO ICBM RAIL-TO-ROAD TRANSFER PT UR 5141N 04532E

A NUMBER OF SMALL VEHICLES ARE IN THE RIM FACILITY AND 2 UNIDENTIFIED VEHICLES [REDACTED]

[REDACTED] NO MISSILE ACTIVITY OBSERVED.

25X1

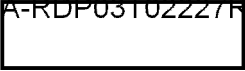
25X1

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25X1

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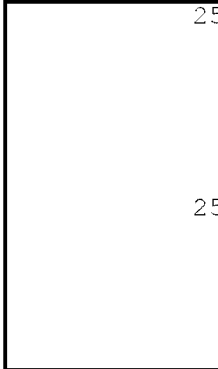
MISSION 4033, 13-20 OCTOBER 1966



25X1

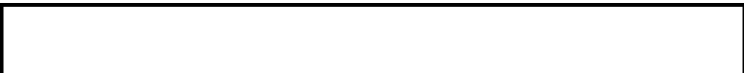
KAISIADORYS FIXED FIELD MRBM SITE

UR 5459N 02429E



25X1

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1

NOVOSELKI FIXED FIELD MRBM SITE 1

UR 5223N 02842E

THE EASTERMOST LAUNCH POSITION CONTAINS A POSSIBLE CANVAS-COVERED TRANSPORTER, A PROBABLE ERECTOR, 2 PROBABLE OXIDIZER TRANSPORTERS, A PROBABLE FUEL TRANSPORTER, A PROBABLE CHERRY PICKER, AND AT LEAST 7 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

THE CENTRAL LAUNCH POSITION CONTAINS A PROBABLE ERECTOR, 2 PROBABLE OXIDIZER TRANSPORTERS, A PROBABLE FUEL TRANSPORTER, AND AT LEAST 4 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.

THE WESTERMOST LAUNCH POSITION CONTAINS ONE PROBABLE ERECTOR AND A POSSIBLE CHERRY PICKER.

A LAUNCH POSITION NORTH OF THE 3 LAUNCH POSITIONS CONTAINS A POSSIBLE ERECTOR, 2 PROBABLE OXIDIZER TRANSPORTERS, A POSSIBLE FUEL TRAILER, AND AT LEAST 3 UNIDENTIFIED PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

(SEE ATTACHMENT)



25X1

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

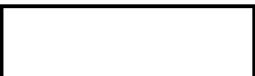
UR 4835N 04545E



25X1

THE SSM BIVOUAC AREA, LAUNCH COMPLEX C HOUSING, ADMINISTRATION, AND SUPPORT AREAS NORTH AND SOUTH, WARHEAD AREAS EAST AND WEST, THE C FINAL ASSEMBLY AND CHECKOUT AREA, THE TRANSMITTING COMMUNICATION SITE, PORTIONS OF LAUNCH AREAS 4C-2, 5C-1, G, AND D, THE D

TOP SECRET



25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

FINAL ASSEMBLY AREA, AND THE MISSILE STORAGE AND HANDLING AREA ARE COVERED ON THIS MISSION.

A MISSILE EXERCISE WITH A MISSILE ERECTOR AND A PROBABLE SS-5 MISSILE ON TRANSPORTER IS UNDERWAY ON THE SOUTH PAD AT LAUNCH AREA 5C-1. LAUNCH AREA 4C-2 AND THE COMPLEX C SUPPORT AREAS APPEAR ACTIVE.

NO NEW MISSILE FACILITIES ARE OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1

KAPUSTIN YAR LAUNCH COMPLEX C

UR 4836N 04616E

25X1

A MISSILE EXERCISE WITH AN ERECTED MISSILE ERECTOR AND A PROBABLE SS-5 MISSILE ON TRANSPORTER IS UNDERWAY ON THE SOUTH PAD AT LAUNCH AREA 5C-1. SEVERAL UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE PARKED AT LAUNCH SITE 4C-2.

APPROXIMATELY 40 MISCELLANEOUS RAIL CARS ARE PARKED ON THE RAIL LINE NORTH OF THE LAUNCH COMPLEX C FINAL ASSEMBLY AREA. THE BUILDING PREVIOUSLY REPORTED UNDER CONSTRUCTION IN THE AREA IS STILL UNDER CONSTRUCTION. NUMEROUS MISCELLANEOUS UNIDENTIFIED VEHICLES ARE OBSERVED IN THE MOTOR POOLS FOR THE SSM BIVOUAC AREA AND THE C HOUSING, ADMINISTRATION, AND SUPPORT AREAS.

NO CHANGE IS OBSERVED IN THE TRANSMITTING COMMUNICATION SITE.

25X1

KAPUSTIN YAR LAUNCH COMPLEX D

UR 4828N 04618E

25X1

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

KAPUSTIN YAR LAUNCH COMPLEX G

UR 4822N 04617E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

KAPUSTIN YAR MISSILE STOR & HANDLING AREA UR 4822N 04612E

EIGHT POSSIBLE CRUISE-MISSILE CRATES ARE OBSERVED IN CLOUD-FREE PORTIONS OF THE STORAGE AREA. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

SARY-SHAGAN ANTIMISSILE TEST CENTER

UR 4602N 07334E

LAUNCH COMPLEX C IS NEWLY DESIGNATED ON THIS MISSION. PREVIOUSLY REFERRED TO AS AN UNIDENTIFIED FACILITY, SITUATED CLOSE TO OZERO BALKHASH, 6.4 NM WEST OF INSTRUMENTATION SITE 2, IT IS NOW IDENTIFIED AS A LAUNCH AREA. ALTHOUGH UNDER OBSERVATION [REDACTED]

[REDACTED] THIS IS THE FIRST LARGE SCALE COVERAGE OF THE COMPLEX.

LAUNCH COMPLEX C IS APPROXIMATELY 16.5 NM FROM PROBABLE LONG RANGE SAM LAUNCH COMPLEX 1 ON AN APPROXIMATE AZIMUTH OF [REDACTED] IT IS ALMOST IDENTICAL TO LAUNCH COMPLEX H SITUATED AT THE NORTH END OF THE SSM LAUNCH FACILITIES AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER. COMPLEX C IS ENCLOSED BY A SINGLE RECTANGULAR FENCE, WITHIN WHICH ARE 2 LAUNCH POSITIONS, A DRIVE-IN CONTROL BUNKER, AND A POSSIBLE TANK. THE 2 LAUNCH POSITIONS ARE EACH SERVED BY A LOOP ROAD AND UPON COMPLETION, WILL APPARENTLY BE MIRROR IMAGES OF EACH OTHER. THE SOUTHERN LAUNCH POSITION, POSITION NO 1, APPEARS COMPLETE AND HAS A RECTANGULAR LAUNCH PAD, [REDACTED] WHICH STRADDLES THE ROAD AND IS SLIGHTLY OFF CENTER. A POSSIBLE ERECTOR/LAUNCHER IS DEPLOYED ON THE PAD. ON [REDACTED] A DARK OBJECT, POSSIBLY THE SAME PIECE OF EQUIPMENT, COULD BE SEEN AT THE SAME LOCATION. AT THE NORTHERN LAUNCH POSITION, POSITION NO 2, THE LAUNCH PAD HAS NOT YET BEEN

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

CONSTRUCTED. PAD SEPARATION FROM LAUNCH POINT TO ESTIMATED LAUNCH POINT IS APPROXIMATELY 400 FT. THE AZIMUTH OF BOTH LAUNCH PADS IS [REDACTED] [REDACTED] CABLE SCARS EXTEND TO EACH LAUNCH POSITION FROM THE CONTROL BUNKER WHICH IS EQUIDISTANT FROM THE 2 POSITIONS AND APPROXIMATELY 300 FT FROM THE POSSIBLE ERECTOR/LAUNCHER. JUST EAST OF THE CONTROL BUNKER IS A POSSIBLE SEMI-BURIED TANK. CLOSE TO THE SE CORNER OF THE SITE AND ON EITHER SIDE OF THE ACCESS ROAD ARE 2 SMALL BUILDINGS (ONE A PROBABLE SECURITY BUILDING), A PROBABLE TANK, AND A VERY SMALL UNIDENTIFIED STRUCTURE. A RELATIVELY LARGE AREA OF SCARRING JUST NORTH OF THE COMPLEX APPEARS TO BE A BORROW PIT.

25X1

25X1

ALMOST ALL OF THE FACILITIES COMPRISING LAUNCH COMPLEX C AT SARY-SHAGAN ARE FOUND AT LAUNCH COMPLEX H AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER. THE OVERALL SIZE OF THE FENCED AREA AT COMPLEX C (725 X 610 FT) COMPARES FAVORABLY WITH AN AREA 745 X 595 FT AT COMPLEX H. TWO LOOP ROAD-SERVED POSITIONS ARE PRESENT AT EACH COMPLEX. THE LENGTH OF THE COMPLETED PAD AT COMPLEX C, 95 FT, CAN BE EQUATED [REDACTED] THE LENGTH OF THE 2 COMPLETED PADS AT COMPLEX H. THE LACK OF MENSURAL DATA ON THE COMPLETED PADS AT COMPLEX H ON [REDACTED] PRECLUDES A WIDTH COMPARISON. A SMALL DRIVE-IN BUNKER IS POSITIONED SIMILARLY AT EACH COMPLEX WITH RESPECT TO THE 2 LAUNCH POSITIONS. TWO SMALL SIMILAR SUPPORT BUILDINGS ARE NEAR THE COMPLEX ENTRANCE IN EACH CASE. COMPLEX H, WHICH HAS AN AZIMUTH [REDACTED] WAS FIRST OBSERVED ON [REDACTED] [REDACTED] AND CAN BE NEGATED ON [REDACTED]

25X1

25X1

25X1

25X1

25X1

ROAD CONSTRUCTION TOWARD THE SITE OF THE PRESENT LAUNCH COMPLEX C WAS FIRST OBSERVED [REDACTED] AND COULD BE [REDACTED] THIS ROAD CONSTRUCTION CONTINUED [REDACTED] BY WHICH TIME THE ROAD HAD BEEN BLACK-TOPPED. NO FURTHER SIGNIFICANT CONSTRUCTION HAS BEEN NOTED ALONG THIS ROAD EXCEPT FOR THE APPEARANCE OF POWER POLES IN 1965. [REDACTED] EARTH SCARRING WAS OBSERVED AT THE TERMINUS OF THE HOOK ROAD AND FINALLY [REDACTED] PHOTOGRAPHY REVEALED THE CONSTRUCTION OF A FENCE AND A LOOP ROAD AT THE SITE OF THE PRESENT LAUNCH COMPLEX.

25X1

25X1

25X1

25X1

25X1

A FACILITY LOCATED 2,545 FT NORTH OF THE PROBABLE CALIBRATION TOWER AT INSTRUMENTATION SITE 2, AND CLOSE TO THE ORIGIN OF THE ROAD TO LAUNCH COMPLEX C, HAS BEEN CARRIED AS AN UNIDENTIFIED FACILITY, ALTHOUGH CONTAINING STRUCTURES SUGGESTIVE OF A STORAGE AND

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

CHECKOUT AREA. IT CAN NOW BE IDENTIFIED AS A MISSILE ASSEMBLY AND CHECKOUT FACILITY SERVING LAUNCH COMPLEX C, WHICH LIES 6 NM TO THE WEST. THE FACILITY, WHICH CAN BE NEGATED [REDACTED] WAS FIRST OBSERVED UNDER CONSTRUCTION [REDACTED] COMPONENTS INCLUDE A PROBABLE STEAMPLANT, A REVETTED STORAGE BUILDING (80 X 30 FT), 2 STORAGE TANKS, AN APRON (160 X 100 FT), AND 8 BUILDINGS WHICH APPEAR TO BE LARGELY FOR CHECKOUT AND STORAGE.

25X1

25X1

CERTAIN OF THE TEST CENTER FACILITIES CLOSE TO OZERO BALKHASH ARE COVERED, EXTENDING FROM PROBABLE LONG RANGE SAM LAUNCH COMPLEX 1 IN THE NORTH TO LAUNCH COMPLEX C IN THE SOUTH. INSTRUMENTATION SITES 6 AND 8 ARE ALSO COVERED. NO NEW MISSILE FACILITIES ARE OBSERVED IN PORTIONS COVERED EXCEPT FOR LAUNCH COMPLEX C AND ITS ASSOCIATED MISSILE STORAGE AND CHECKOUT AREA.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS

[REDACTED]
LAUNCH COMPLEX C - [REDACTED]
MISSILE ASSEMBLY AND CHECKOUT AREA -- [REDACTED]

25X1

25X1

25X1

25X1

SARY-SHAGAN PROB LONG RANGE SAM LCH CPLX 1 UR 4605N 07327E [REDACTED]

25X1

EACH OF THE 18 LAUNCH POSITIONS AT LAUNCH SITES A, B, AND C IS OCCUPIED BY A LAUNCHER EXCEPT LAUNCH POSITION A-6, WHERE THE LAUNCHER WITH A POSSIBLY DRAPED MISSILE COMPONENT IS OBSERVED ON THE ROAD IMMEDIATELY SOUTH OF AND ADJACENT TO THE LAUNCH POINT. THE LAUNCHER WAS POSITIONED AT THE LAUNCH POINT ON [REDACTED] BUT ON SMALL SCALE PHOTOGRAPHY [REDACTED]

25X1

25X1

25X1

[REDACTED] IT APPEARED ON THE ROAD CLOSE TO BUT NOT IN THE IDENTICAL LOCATION OBSERVED ON THIS MISSION.

TWO DOLLIES ARE POSITIONED AT THE RAIL EXTREMITIES OF ALL POSITIONS AT LAUNCH SITES B AND C EXCEPT AT POSITIONS B-4 AND B-6 WHERE THEY ARE CLOSER TO THE LAUNCHER. THEY ARE IN THE SAME APPROXIMATE LOCATION AS [REDACTED]

25X1

BETWEEN THE SETS OF TRACKS AT THE LAUNCH POSITIONS OF LAUNCH SITES B AND C, A SMALL UNIDENTIFIED

TOP SECRET

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

OBJECT/DEVICE, SIMILAR TO ONE OBSERVED AT THE TALLINN PROBABLE LONG RANGE SAM LAUNCH COMPLEX CAN BE SEEN.

THIS PHOTOGRAPHY CONFIRMS THE BUNKERING OF THE CENTRAL AREAS AT THE 3 LAUNCH SITES, WHICH WERE REVETTED AND COVERED BY NETTING ON [REDACTED]

25X1

IN THE TRACKING/GUIDANCE FACILITY, TRACKING/GUIDANCE RADAR OCCUPIES EACH OF THE 3 RADAR POSITIONS.

[REDACTED] THE SOUTH SIDE OF THE CENTRAL CONTROL AREA HAS BEEN REVETTED AND A LARGE PORTION OF THE NORTH PART OF THE CENTRAL AREA HAS BEEN ROOFED, POSSIBLY PRELIMINARY TO BUNKERING.

25X1

IN THE AREA 2.5 NM NW OF THE LAUNCH SITES, THE 2 BACK NET AND 2 SIDE NET RADARS REMAIN ON MOUNDS. SINCE [REDACTED] AN UNIDENTIFIED PIECE OF ELECTRONIC EQUIPMENT HAS APPEARED ON THE RAMP SERVING THE NORTH SIDE NET RADAR.

25X1

BUNKERING OF THE NORTHERN HALF OF THE REVETTED CENTRAL CONTROL AREA CAN NOW BE CONFIRMED AND IS ALMOST COMPLETE. WORK IS OBSERVED TO BE WELL ALONG ON THE SOUTHERN REVETMENT WALL, POSSIBLY PRELIMINARY TO BUNKERING. BUNKERING OF THE REVETTED BUILDING IN THE NE CORNER OF THE EASTERN PORTION OF THE REVETMENT HAS BEEN DISMANTLED.

NO SIGNIFICANT CHANGE IS DISCERNIBLE SINCE [REDACTED] IN THE 2 UNIDENTIFIED SITES JUST EAST OF THE BACK NET/SIDE NET AREA.

25X1

[REDACTED]

25X1

SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E [REDACTED]

25X1

THE SSM LAUNCH FACILITIES AND 3 OF THE OPERATIONAL SUPPORT AREAS ARE COVERED BY GOOD CLEAR STEREO PHOTOGRAPHY.

A NEW LAUNCH COMPLEX, DESIGNATED COMPLEX D, IS LOCATED AT 41-22N 100-15E, APPROXIMATELY 4 NM NNW OF LAUNCH COMPLEX C. THE COMPLEX CONSISTS OF A ROAD-SERVED, SINGLE, SOFT LAUNCH PAD AND A LOOP ROAD PATTERN. THE COMPLEX CAN BE NEGATED ON [REDACTED] THE FIRST EVIDENCE OF CONSTRUCTION WAS OBSERVED [REDACTED]

25X1

25X1

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

AN APPROXIMATELY [REDACTED] SQUARE LAUNCH POSITION IS CENTERED IN THE PAD AREA. A CONTROL BUNKER, MEASURING [REDACTED] IS LOCATED APPROXIMATELY 525 FT SE. AT LEAST 5 VEHICLE REVETMENTS AND 2 MOBILE GANTRY CRANES ARE ALSO LOCATED IN THE PAD AREA. THE GANTRY CRANES APPEAR TO BE THE TYPE USED WITH THE SS-1/SS-2 MISSILE SYSTEMS. A SIMILAR GANTRY CRANE WAS OBSERVED IN THE LAUNCH COMPLEX A CHECKOUT AREA ON [REDACTED] AN UNIDENTIFIED VEHICLE/PIECE OF EQUIPMENT IS LOCATED ON AN APPROACH ROAD. AT LEAST 21 SMALL VEHICLES/PIECES OF EQUIPMENT ARE LINED UP NORTH OF THE PAD.

25X1

25X1

25X1

ANALYSIS OF THE INDEX CAMERA REVEALS THAT THE CONSTRUCTION OF THE RAIL LINE LEADING NORTH FROM THE LAUNCH FACILITIES HAS BEEN EXTENDED AN ADDITIONAL 6 NM SINCE [REDACTED] THIS RAIL LINE HAS NOW REACHED A POINT APPROXIMATELY 18 NM NORTH OF THE COMPLEX C ACCESS ROAD. AN AREA OF ACTIVITY IS ALSO NOTED AT THIS POINT.

25X1

A SMALL HEAT PLANT AND 2 NEW SMALL PROBABLE BARRACKS ARE OBSERVED IN THE REVETTED STORAGE AREA. ALSO IN THIS AREA, 8 VEHICLES AND CONSIDERABLE TRACK ACTIVITY ARE NOTED FOR THE FIRST TIME. SIX NEW SMALL BARRACKS ARE OBSERVED IN THE REVETTED STORAGE AND HANDLING AREA.

EXCEPT FOR THE NEW LAUNCH COMPLEX D, NO NEW MISSILE FACILITIES ARE OBSERVED IN THE SMALL PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

(SEE ATTACHMENT)

[REDACTED]

25X1

SHUANG-CHENG-TZU MTC LCH CPLX A (SITE 1) CH 4114N 10017E

25X1

AN OPEN TRENCH IS OBSERVED LEADING FROM BETWEEN THE 2 LAUNCH PADS TO THE LARGE SUPPORT BUILDING NEAR THE ACCESS ROAD. A MOBILE CRANE IS PARKED ON THE HARDSTAND IN THE FINAL CHECKOUT AREA. AT LEAST 50 MISCELLANEOUS SUPPORT VEHICLES ARE PARKED IN THE SSM HOUSING AND SUPPORT AREA MOTOR POOL.

25X1

[REDACTED]

TOP SECRET

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

SHUANG-CHENG-TZU MTC LCH CPLX B (SITE 2) CH 4115N 10018E

25X1

CONSTRUCTION CONTINUES AT A RAPID RATE AT LAUNCH COMPLEX B. THE GANTRY APPEARS EXTERNALLY COMPLETE WITH THE FOLLOWING DIMENSIONS -- A HEIGHT OF 195 FT, A MAXIMUM WIDTH OF [REDACTED] OVER THE DRIVE MECHANISM, AND A WIDTH [REDACTED] AT THE TOP. THE OPEN WORK SPACE BETWEEN THE UPRIGHT IS 25 FT WIDE AND HAS A HEIGHT OF 140 FT. THIS OPENING DOES NOT APPEAR TO EXTEND THE FULL DEPTH OF THE GANTRY. THE GANTRY IS CONSTRUCTED OF STEEL GIRDERS IN AN OPEN LATTICEWORK PATTERN.

25X1

25X1

[REDACTED] LOOP SERVICE ROADS HAVE BEEN CONSTRUCTED BETWEEN THE SECOND RAIL SPUR AND THE LAUNCH POSITION.

25X1

CONCRETE HAS BEEN POURED ON THE APPROACH TO THE LAUNCH POSITION. THE FLAME PIT NOW APPEARS TO BE COVERED OVER, BUT THE SIDE WALLS HAVE NOT BEEN BACK FILLED. SEVERAL OPEN TRENCHES, BUILDINGS UNDER CONSTRUCTION, AND CONSIDERABLE GRADING ACTIVITY ARE VISIBLE THROUGHOUT THE LAUNCH COMPLEX.

(SEE ATTACHMENT)

25X1

SHUANG-CHENG-TZU MTC LCH CPLX C (SITE 3) CH 4118N 10017E

25X1

CONSTRUCTION CONTINUES WITHIN THE LAUNCH AREA AND THE SUPPORT FACILITIES. A PROBABLE SERVICE TOWER APPROXIMATELY 65 FT HIGH IS LOCATED WITHIN THE CIRCULAR PATTERN TO THE REAR OF THE NORTHERN PAD. THIS TOWER MAY ALSO INCORPORATE AN ERECTING MECHANISM WHICH IS CONNECTED TO THE 65-FT-LONG TRENCH TO THE REAR OF THE PAD.

AT LEAST 5 BUILDINGS HAVE BEEN COMPLETED IN THE SUPPORT FACILITIES. IRRIGATION TRENCHES ARE ALSO BEING CONSTRUCTED IN THIS AREA. A NEW TOWER IS LOCATED ON [REDACTED] APRON ON THE SOUTH SIDE OF THE ORIGINAL LOOP ACCESS ROAD. THREE VEHICLES ARE LOCATED IN THE LAUNCH AREA AND 4 VEHICLES ARE ON THE ROAD BETWEEN THE LAUNCH AND CHECKOUT AREAS.

25X1

(SEE ATTACHMENT)

25X1

TOP SECRET

50

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

SHUANG-CHENG-TZU SSM-SAM ASBLY & CHECK CPX CH 4106N 10016E

TWENTY VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN THE MOTOR POOL AREA OF THE SAM PORTION OF THE COMPLEX. SIX VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN THE MOTOR POOL AREA OF THE SSM PORTION OF THE COMPLEX. A ROUND-ROOFED RAIL CAR, APPROXIMATELY 80 FT LONG, IS LOCATED ADJACENT TO THE LARGE SSM CHECKOUT BUILDING. A CONVOY OF TEN VEHICLES IS OBSERVED TRAVELING NORTH ON THE LAUNCH ACCESS ROAD BETWEEN THE SSM-SAM ASSEMBLY AND CHECKOUT COMPLEX AND THE REVETTED STORAGE AREAS.

CONSTRUCTION CONTINUES IN THE AREA NW OF THE COMPLEX.

SEVERAL NEW BARRACKS AND WAREHOUSES AND CONSIDERABLE TRACK ACTIVITY APPEAR TO BE ASSOCIATED WITH 15-20 NEW TUNNEL ENTRANCES TO POSSIBLE UNDERGROUND STORAGE AREAS UNDER CONSTRUCTION AT VARIOUS LOCATIONS IN THE HIGH RIDGE WEST OF THE SSM-SAM ASSEMBLY AND CHECKOUT COMPLEX.

KAMCHATKA PENINSULA MISSILE IMPACT AREA UR 5722N 16142E

NINETEEN NEWLY IDENTIFIED CRATERS AND TWO POSSIBLE CRATERS ARE OBSERVED WITHIN THE IMPACT AREA. ALL 21 CRATERS, HOWEVER, ARE DISCERNIBLE IN VARYING DEGREES ON PREVIOUS MISSIONS.

CHIN-HSI CRUISE MISSILE LAUNCH SITE CH 4042N 12052E

BOTH LAUNCH POSITIONS ARE UNOCCUPIED. NO MISSILES OR MISSILE-RELATED VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED WITHIN THE AREA. A PREVIOUSLY UNREPORTED EXTENSION TO THE LARGE BUILDING APPROXIMATELY 1,200 FT

TOP SECRET

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

NORTH OF THE EAST LAUNCH SITE IS NOTED. THIS EXTENSION INCREASES THE SQUARE FOOTAGE OF THE BUILDING BY ROUGHLY TWO-THIRDS. THIS ADDITION WAS PRESENT ON

25X1

25X1

KOSHLASH LANGAR SUSPECT MISSILE TEST AREA CH 3804N 08032E

25X1

NO MISSILE-ASSOCIATED ACTIVITY IS OBSERVED IN PORTIONS OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1

NAN-YANG SUSPECT MISSILE ACTIVITY CH 3248N 11214E

NO EVIDENCE OF SURVEYING OR CONSTRUCTION OF SSM-ASSOCIATED FACILITIES IDENTIFIED IN THE CENTRAL PORTION OF THE SEARCH AREA.

25X1

SHANG-KOU RADAR SITE CH 1832N 10845E

0.5 NM EAST OF SHANG-KOU.

EW RADAR SITE CONTAINS 1 PROBABLE SCR 270 RADAR AND 1 CONTROL BUILDING. ONE OR 2 OTHER PROBABLE RADAR SITES ARE SITUATED NEARBY, ON TOP OF A HILL.

NO MISSILE-RELATED EQUIPMENT OBSERVED.

25X1

GUBA MOTKA NAVAL BASE UR 6940N 03210E

NO FACILITIES OR VESSELS OBSERVED. AREA IS 60 PERCENT CLOUD COVERED.

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

PETROPAVLOVSK NAVAL BASE TARYA BAY UR 5255N 15834E

25X1

OB -- 1 E-II-CLASS SSGN, 2 N-CLASS SSN, 2 G-CLASS SSB, 2 J-CLASS SSG, 8 F/Z-CLASS SS (1 IN FLOATING DOCK), 2 W/R-CLASS SS, 2 OSS, 1 UNARMED SKORYY-CLASS DD, 1 DON-CLASS AS, 1 NEVA-CLASS AS, 1 OSKOL-CLASS ASL, 1 BOLVA-CLASS APL, 1 ZEYA-CLASS YRSN, 1 TRANSPORTER DOCK, AND SEVERAL SMALL SUPPORT VESSELS.

TWO NEW POL TANKS AND AN EXCAVATION FOR A THIRD ARE OBSERVED IN THE POL STORAGE AREA. THE WESTERNMOST PIER NOW APPEARS COMPLETE.

[Redacted]

25X1

PETROPAVLOVSK NAVAL MISSILE STORAGE UR 5257N 15827E

OB -- 3 PROBABLE MISSILES, 37 CRATES OF VARIOUS SIZES, 4 EMPTY DOLLIES, AND 1 LARGE CRANE IN THE MISSILE STORAGE AREA.

FOOTINGS FOR 2 NEW BUILDINGS/BUNKERS ARE LOCATED NEAR THE HIGH-BAY BUILDING.

[Redacted]

25X1

PETROPAVLOVSK NVL MSL SUPPORT FACILITY UR 5257N 15829E

OB -- 1 LAMA-CLASS AEM AND 1 SIBIR-CLASS AGM AT PIERS AND 1 DESNA-CLASS AGM AT ANCHOR IN THE BAY.

ONE LARGE PORTAL-JIB CRANE AND 2 SMALL MOBILE-JIB CRANES IN PIER AREA AND 3 BARRACKS BUILDINGS UNDER CONSTRUCTION IN NORTH BARRACKS AREA ARE OBSERVED.

[Redacted]

25X1

PETROPAVLOVSK NAVAL BASE SELDEVAYA BAY UR 5254N 15830E

OB -- AT PIER AREA SE OF MAIN BASE -- 1 E-II-CLASS SSGN, 2 E-I-CLASS SSGN (1 IN FLOATING DOCK), 1 NEW CLASS AEM/ASL, 1 DNEPR-CLASS AR, 2 PM-124-CLASS YRSN, AND 4 SMALL SUPPORT CRAFT.

AT MAIN BASE -- 1 G-CLASS SSB IN TRANSPORTER DOCK, 2 F/Z-CLASS SS, 1 POSSIBLE SS, 1 OSS AGROUND, 1 W/R-CLASS SS, 1 PROBABLE T-58-CLASS MSF IN FLOATING DOCK, 1

TOP SECRET

25X1

25X1

TOP SECRET

25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

PROBABLE DE, 1 UNIDENTIFIED AUXILIARY, 1 PASSENGER SHIP, AND SEVERAL SUPPORT CRAFT.

CONSTRUCTION CONTINUES EAST OF THE MAIN BASE.

[REDACTED]

25X1

KALININGRAD SUSP NAVAL MISSILE STORAGE UR 5450N 02028E

OB -- 27 POSSIBLE STYX MISSILE CRATES, 21 TRANSPORTERS (2 MOVING), AND 3 VANS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

25X1

KALININGRAD PORT FACILITIES EAST UR 5442N 02029E

OB -- AT KALININGRAD STATE SHIPYARD 820 -- 5 MIRKA-CLASS PCE AT QUAY, 1 MIRKA-CLASS PCE IN FLOATING DOCK, 2 MIRKA-CLASS PCE ON BUILDING WAYS, 1 MIRKA/PETYA-CLASS PCE, 2 PETYA-CLASS PCE, 2 ALLIGATOR-CLASS LST, 1 PROBABLE ALLIGATOR-CLASS LST ON BUILDING WAY, AND NUMEROUS MERCHANT SHIPS IN YARD AND PORT AREA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

MOSKVA PROBABLE ABM LAUNCH COMPLEX E15 UR 5509N 03822E

THE COMPLEX STILL APPEARS TO BE INACTIVE. NO SIGNIFICANT PROGRESS OR CHANGE IS DISCERNIBLE SINCE THE FIRST LARGE SCALE PHOTOGRAPHIC COVERAGE ON MISSION [REDACTED] BUILDINGS A, B, AND C ARE STILL INCOMPLETE AND ONLY THE FOUNDATIONS ARE PRESENT FOR BUILDING D. IT APPEARS THAT THE MATERIAL WHICH MAY HAVE BEEN INTENDED FOR THE CONSTRUCTION OF THE T-SHAPED BUILDING HAS NOW BEEN REMOVED. NO CHANGE IS OBSERVED IN THE SUPPORT AREA. NO MISSILES OR MISSILE-RELATED EQUIPMENT IS DISCERNIBLE.

25X1

[REDACTED]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

SVERDLOVSK PROB LONG RANGE SAM LCH CPLX UR 5704N 06101E

25X1

THE MAJOR PORTION OF THE COMPLEX IS OBSCURED BY CLOUD COVER AND HAZE. CONSTRUCTION STATUS IS UNDETERMINED. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE DISCERNIBLE.

25X1

FEODOSIYA PROB LR SAM LAUNCH COMPLEX UR 4508N 03540E

25X1

CONSTRUCTION CONTINUES SINCE [REDACTED] AND THE COMPLEX APPEARS TO BE IN A MID-STAGE OF CONSTRUCTION. ALL LAUNCH POSITIONS HAVE BEEN GRADED AND RAIL BED PREPARATION HAS BEGUN. LAUNCH POSITION AND CENTRAL CONTROL REVETMENTS APPEAR NEARLY COMPLETE. A LOW CYLINDRICAL STRUCTURE IS ADJACENT TO EACH CONTROL CENTER ACCESS ROAD. LAUNCH SITE SERVICE ROADS HAVE NOT BEEN SURFACED. EIGHT LARGE TENTS ARE NW OF AND ADJACENT TO THE LAUNCH SITES.

THREE LONG, LOW STRUCTURES ARE OBSERVED AT THE TRACKING/GUIDANCE FACILITY AND A FOURTH IS UNDER CONSTRUCTION. DITCHES FROM EACH LAUNCH SITE CONTROL CENTER AND THE TRACKING/GUIDANCE FACILITY MERGE WITHIN THE COMPLEX AND LEAD TO A SUBSTATION WSW OF THE COMPLEX. A DITCH CONNECTS THE TRACKING/GUIDANCE FACILITY AND THE AIR WARNING RADAR FACILITY. THE SUPPORT AREA CONSISTS OF 8 BUILDINGS AND 1 UNDER CONSTRUCTION. A GUARD HOUSE IS AT THE COMPLEX ENTRANCE. A DITCH EXTENDS EAST FROM THE SUPPORT AREA AND TERMINATES AT AN EARTH MOUND BEYOND THE SECURITY FENCE. A CIRCULAR EXCAVATION IS SE OF AND ADJACENT TO THE SUPPORT AREA.

FOOTINGS FOR A PROBABLE DRIVE-THROUGH BUILDING ARE DISCERNIBLE IN THE PROBABLE MISSILE ASSEMBLY/CHECKOUT FACILITY. FACILITY ROAD SURFACING IS NEARLY COMPLETE.

A RECTANGULAR EXCAVATION IS OBSERVED ALONG THE ACCESS ROAD WITHIN THE AIR WARNING RADAR FACILITY. AN OPEN DITCH CONNECTS 2 NEWLY IDENTIFIED PROBABLE ELECTRONIC-ASSOCIATED AREAS TO THE SOUTH WITH THE FACILITY. ONE AREA CONTAINS 1 LARGE AND 2 SMALL EARTH MOUNDS, A SMALL SQUARE STRUCTURE, A PROBABLE SMALL TOWER, AND AN UNIDENTIFIED PIECE OF EQUIPMENT. AN OPEN DITCH LEADS SE FROM THE AREA, TERMINATING AT A POWER LINE FROM THE SUBSTATION WEST OF THE LAUNCH COMPLEX. A

25X1

25X1

TOP SECRET

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

SMALL EARTH MOUND AND A SMALL SQUARE STRUCTURE COMPOSE THE OTHER AREA WHICH IS SECURED. ROADS ARE UNDER CONSTRUCTION WITHIN BOTH AREAS. THESE AREAS GENERALLY EQUATE TO THOSE AT LIEPAJA AND TALLINN PROBABLE LONG RANGE SAM LAUNCH COMPLEXES.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OR ELECTRONIC EQUIPMENT OBSERVED.

25X1

SHUANG-CHENG-TZU MTC SAM SITE A12-2 CH 4106N 10020E

25X1

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

SHANG-HAI SAM SITE B36-2 CH 3126N 12126E

ALL 6 POSITIONS ARE OCCUPIED BY LAUNCHERS. FIVE OF THE POSITIONS ARE ALSO OCCUPIED WITH MISSILE TRANSPORTERS WHICH ARE PROBABLY CANVAS COVERED. THE CENTRAL GUIDANCE AREA IS REVETTED AND OCCUPIED. THE ACQUISITION RADAR POSITION IS OCCUPIED.

FOUR VANS ARE LOCATED ON THE WEST SIDE OF THE LAUNCH AREA, 6-8 PROBABLE PRIME MOVERS ARE JUST NORTH OF THE LAUNCH AREA, AND 8 TENTS ARE IN THE AREA IMMEDIATELY SOUTH OF THE LAUNCH AREA.

25X1

PLESETSK ICBM CPLX SAM SUPPORT FACILITY UR 6249N 04040E NO COMOR

POSSIBLE GROUND SUPPORT EQUIPMENT FOR THE PLESETSK PROBABLE LONG RANGE SAM LAUNCH COMPLEX HAS BEEN IDENTIFIED AT THIS FACILITY WHICH IS 26.5 NM SW OF THE PROBABLE LONG RANGE SAM COMPLEX.

THE EQUIPMENT INCLUDES 6 POSSIBLE LAUNCHERS AND 8 POSSIBLE MISSILE DOLLIES. HAZE PRECLUDES FURTHER INTERPRETATION.

25X1

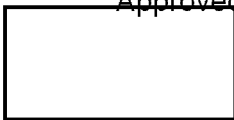
TOP SECRET

25X1

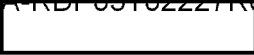
25X1

**Air
Facilities**

**Air
Facilities**



TOP SECRET



25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

AIR FACILITIES

KALININGRAD/PROVEREN AIRFIELD

UR 5446N 02025E

OB -- 21 BLINDER, 5 BADGER, 1 BEAGLE, AND 1 POSSIBLE BLINDER FUSELAGE.

AN AIR WARNING FACILITY 3,000 FT NORTH OF THE CENTER OF THE RUNWAY CONTAINS 1 OCCUPIED RADAR MOUND AND 8 ASSOCIATED VANS. THE FIELD IS EQUIPPED WITH BOTH ILS AND GCA.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1

25X1

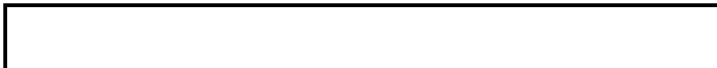
RYAZAN/DYAGILEVO AIRFIELD

UR 5439N 03935E

OB -- 3 BISON A (1 WITH WINGS REMOVED), 1 BISON C, 1 BADGER, 1 CRATE, 1 CAB, AND 8 CREEK.

THE SW END OF THE CONCRETE RUNWAY AND TAXIWAY REMAIN UNDER CONSTRUCTION. 9,850 X 240 FT NE/SW UNSERVICEABLE CONCRETE RUNWAY AND A PARALLEL 8,225 X 445 FT SERVICEABLE SOD RUNWAY.

NO NUCLEAR OR MISSILE STORAGE FACILITIES OBSERVED.



25X1

TIKSI AIRFIELD

UR 7141N 12853E

OB -- 6 CAT/CUB, 1 PROBABLE COOT, 2 PROBABLE CRATE, 11 CAB, AND 5 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1

TIKSI AIRFIELD WEST

UR 7141N 12842E

OB -- NONE OBSERVED.

TOP SECRET



25X1

25X1

TOP SECRET

25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

THE AIRFIELD IS SNOW COVERED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

AKHTUBINSK/VLADIMIROVKA AIRFIELD : UR 4818N 04613E

25X1

OB -- 4 PROBABLE BADGER, 8 POSSIBLE FITTER, AND 5 SMALL SWEPT/DELTA-WING ON TAXIWAY AND MAIN PARKING APRONS, AND 3 POSSIBLE FAGOT/FRESCO AND 1 LIGHT STRAIGHT-WING ON GRADED-EARTH PARKING APRON SOUTH OF THE 13,250-FT RUNWAY.

THE AIRBORNE WEAPONS COMPLEX IS CLOUD COVERED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

[REDACTED]

25X1

CHI-NAN AIRFIELD CH 3641N 11655E

OB -- 39 FAGOT/FRESCO, 1 CRATE, AND 14 COLT.

AN ADMINISTRATION/CONTROL BUILDING HAS BEEN CONSTRUCTED EAST OF THE SOUTH END OF THE N/S RUNWAY. THE SOUTHERN CROSSOVER TAXIWAY AND 4 REVETTED HARDSTANDS ARE BEING RESURFACED.

NO ELECTRONICS OR COMMUNICATIONS FACILITIES OBSERVED.

[REDACTED]

25X1

CHIANG-WAN AIRFIELD CH 3119N 12130E

OB -- 12 FAGOT/FRESCO AND 1 COLT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

TOP SECRET

25X1
25X1

TOP SECRET

25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

CHIN-HSI AIRFIELD

CH 4045N 12052E

OB -- 5 CAB, 12 COLT, AND 1 HOUND.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

25X1

HSIANG-TANG AIRFIELD

CH 2826N 11556E

OB -- 24 FARMER, 22 FAGOT/FRESCO, 1 CRATE, 2 COLT, AND
2 MAX/MOOSE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

HSING-CHENG AIRFIELD

CH 4036N 12043E

OB -- NONE OBSERVED.

NO RADAR OBSERVED. ONLY THE EASTERN END OF THE RUNWAY
IS COVERED ON PHOTOGRAPHY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

HSING-NING AIRFIELD

CH 2409N 11545E

OB -- 9 FARMER AND 35 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

HSU-CHOU AIRFIELD SOUTHEAST

CH 3413N 11715E

OB -- 32 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

TOP SECRET

25X1
25X1

[Redacted]

TOP SECRET

[Redacted]

[Redacted]

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

HUA-CHIA-TUN AIRFIELD

CH 3916N 12205E

OB -- AT LEAST 6 FAGOT/FRESCO.

THE SSE END OF THE AIRFIELD IS NOT COVERED ON PHOTOGRAPHY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

25X1

HUNG-CHIAO AIRFIELD

CH 3112N 12120E

OB -- 50 FAGOT/FRESCO AND 1 COOT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

KAO-MI AIRFIELD

CH 3623N 11942E

OB -- 37 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

LUNG-HUA AIRFIELD

CH 3110N 12127E

OB -- 53 FAGOT/FRESCO, 1 CRATE, 3 CAB, 11 COLT, 3 MAX/MOOSE, AND 2 HOUND.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

TOP SECRET

[Redacted]

[Redacted]

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

FU-CHOU/NAN-TAI AIRFIELD

CH 2600N 11919E

25X1

OB -- 19 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

SHIH-CHIA-CHUANG AIRFIELD

CH 3805N 11425E

25X1

OB -- [REDACTED] -- 46 FAGOT/FRESCO AND 9 PROBABLE MAX/MOOSE.

[REDACTED] -- 41 FAGOT/FRESCO AND 8 PROBABLE MAX/MOOSE.

25X1

THE FIELD IS EQUIPPED WITH ILS. NO RADAR FACILITIES OBSERVED.

[REDACTED]

25X1

TA-CHANG AIRFIELD

CH 3119N 12125E

OB -- 44 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

TSANG-HSIEN AIRFIELD

CH 3824N 11655E

OB -- 4 BEAGLE, 3 FISHBED, 8 FARMER, 21 FAGOT/FRESCO, AND 2 MAX/MOOSE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

WU-CHOU AIRFIELD

CH 2328N 11118E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

25X1
25X1

[REDACTED]

25X1

WU-KUNG AIRFIELD

CH 3417N 10815E

OB [REDACTED] -- 2 BADGER, 2 FISHBED, 5 BEAGLE, 2 FARMER, 46 FAGOT/FRESCO, 12 BULL, 1 CRATE, 1 AERO-45, AND 1 COLT.

25X1

25X1

[REDACTED] -- 1 BADGER, 11 BULL, 7 BEAGLE, 2 FARMER, 47 FAGOT/FRESCO, 2 COOT, 1 AERO-45, 1 COLT, AND 1 MAX/MOOSE.

25X1

NO RADAR FACILITIES OBSERVED.

[REDACTED]

25X1

HSI-AN AIRCRAFT ASSEMBLY & REPAIR PLANT

CH 3417N 10815E

SEE WU-KUNG AIRFIELD, [REDACTED] FOR OB. NO NEW CONSTRUCTION OR EVIDENCE OF TYPE OF PRODUCTION OBSERVED.

25X1

[REDACTED]

25X1

LIN-FEN AIRFIELD

CH 3602N 11129E

OB [REDACTED] -- 43 FAGOT/FRESCO, 1 COLT, AND 1 MAX/MOOSE-TYPE.

25X1

[REDACTED] -- 44 FAGOT/FRESCO, 1 COLT, AND 1 MAX/MOOSE-TYPE.

25X1

THE FIELD IS EQUIPPED WITH GCA, ILS, AND RADAR.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

YEN-CHENG AIRFIELD

CH 3326N 12012E

OB -- 41 FAGOT/FRESCO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

[Redacted]

25X1

WU-WEI AIRFIELD

CH 3759N 10234E

25X1

OB -- NONE OBSERVED.

ONLY THE EASTERMOST RUNWAY IS COVERED ON PHOTOGRAPHY.

[Redacted]

25X1

HSU-CHOU AIRFIELD NORTHWEST

CH 3417N 11710E

OB -- 10 COLT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

KU-CHE AIRFIELD

CH 4144N 08259E

OB -- 1 CAB.

A NEW 5,100 X 175 FT E/W SERVICEABLE GRADED-EARTH RUNWAY HAS BEEN DELINEATED IMMEDIATELY SOUTH OF THE OLD RUNWAY. ONLY THE END MARKERS OF THE OLD RUNWAY REMAIN VISIBLE. HOWEVER, IT IS PROBABLY STILL SERVICEABLE.

[Redacted]

25X1

IRKUTSK AIRFIELD SOUTHEAST

UR 5216N 10422E

OB -- 3 BLINDER, 4 BADGER, 5 BEAGLE, 1 FIREBAR, 18 CAMEL, 2 COOT, 14 CAT/CUB (1 ON FINAL APPROACH), 2 COKE, 6 CRATE, 5 CAB, 21 COLT, 7 CREEK, 16 HOUND (3 WITHOUT ROTORS), 6 HARE (2 WITHOUT ROTORS), 1 POSSIBLE HOOK FUSELAGE, AND 1 HOUND FUSELAGE.

THE FIELD IS EQUIPPED WITH ILS AND GCA.

[Redacted]

25X1

TOP SECRET

[Redacted]

25X1

25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

WU-MAO-CHIEH AIRFIELD

CH 4039N 10903E

25X1

OB -- NONE OBSERVED.

THE SE DISPERSAL AREA NOW CONTAINS A THIRTEENTH
HARDSTAND. IT IS CIRCULAR WITH A LARGE BLAST WALL
IMMEDIATELY TO THE SOUTH. THE REMAINING 12 REVETTED
HARDSTANDS AND TAXIWAY APPEAR ESSENTIALLY COMPLETE
EXCEPT FOR PAVING.

A ROAD UNDER CONSTRUCTION AND SEVERAL DITCHES LEAD 2.5
NM NORTH TO A SUPPORT AREA CONTAINING APPROXIMATELY 35
BUILDINGS IN VARIOUS STAGES OF CONSTRUCTION.

TWO SMALLER SUPPORT AREAS UNDER CONSTRUCTION LIE
APPROXIMATELY 3 NM NW OF THE AIRFIELD AND ARE SERVED BY
A COMMON ROAD WHICH FORKS JUST TO THE SOUTH.

A RAIL SPUR UNDER CONSTRUCTION EXTENDS APPROXIMATELY
HALFWAY TO THE AREAS BEFORE TURNING EAST AND ENDING.
THE RAIL SPUR SERVING THE AIRFIELD IS STILL UNDER
CONSTRUCTION.

25X1

TOP SECRET

25X1

25X1

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**Naval
Activity /
Ports**

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

NAVAL ACTIVITY/PORTS

TA-HSIEH TAO NAVAL BASE

CH 2953N 12157E

25X1

OB -- 4 R/W-CLASS SS, 2 POSSIBLE S-1-CLASS OSS, 1 TA-CHIH-CLASS ASL, AND 4 UNIDENTIFIED SMALL VESSELS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

CHOU-SHAN NAVAL BASE AND SHIPYARD

CH 3000N 12206E

OB -- AT NAVAL BASE WEST -- 3 RIGA-CLASS DE, 1 POSSIBLE HASHIDATE-CLASS OPF, 1 POSSIBLE ETORUFU-CLASS OPF, 2 POSSIBLE KAIBOKAN-CLASS OPF, AND 1 POSSIBLE T-43-CLASS MSF.

AT SHIPYARD -- 4 POSSIBLE YP/PT ON MARINE RAILWAY, 1 UNIDENTIFIED VESSEL IN FLOATING DRYDOCK, AND 11 UNIDENTIFIED VESSELS.

AT NAVAL BASE EAST -- 1 POSSIBLE T-43-CLASS MSF, 3 PROBABLE KRONSTADT-CLASS PC, AND 1 POSSIBLE LCT-3-CLASS LCU.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

SHANG-HAI NAVAL BASE WU-SUNG

CH 3123N 12130E

OB -- 5 SHANGHAI-CLASS PTF, 2 T-43-CLASS MSF, 2 LSIL-CLASS LSIL, 3 POSSIBLE J-CLASS MSM, 1 POSSIBLE AT, AND 1 POSSIBLE AUXILIARY.

AT KAO-CHIAO NAVAL BASE -- 1 SHANGHAI-CLASS PTF, 1 POSSIBLE SWATOW-CLASS PGM/P-6-CLASS PT, AND 4 PROBABLE WHAMPOA-CLASS YP.

EXTENSIVE CONSTRUCTION ACTIVITY WEST OF THE INSTALLATION INCLUDES ADDITIONAL BARRACKS/STORAGE STRUCTURES, 4 OPEN LATTICE STEEL STRUCTURES ASSOCIATED WITH THE CONSTRUCTION SITE, A MOTOR POOL, AND OPEN STORAGE OF BULK MATERIALS.

[REDACTED]

25X1

TOP SECRET

25X1

25X1

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

CHING-LAN CHIANG MOTOR TORPEDO BOAT BASE CH 1933N 11049E

OB -- 5 P-6-CLASS PT ON REPAIR/STORAGE WAYS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

25X1

NIKOLAYEV SHIPYARD NOSENKO 444

UR 4657N 03159E

OB -- THE 2 POSSIBLE HELICOPTER-ASSAULT SHIPS REMAIN IN THE FITTING-OUT BASIN (2 PROBABLE SURFACE-TO-AIR MISSILE LAUNCHERS ARE LOCATED FORWARD ON THE SHIP NEAREST COMPLETION), 2 UGRA-CLASS AS (UNDER CONSTRUCTION ON WAYS), 1 LIMA-CLASS AEM, 1 UNIDENTIFIED VESSEL IN EARLY STAGE OF CONSTRUCTION, 2 PEREKOP/POLTAVA-CLASS MERCHANT SHIPS (1 ON BUILDING WAYS), AND 4 FISH FACTORY SHIPS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X1

NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA 445

UR 4659N 03201E

OB -- 2 KASHIN-CLASS DLG, 2 KOTLIN-CLASS DDG, 1 UNIDENTIFIED AUXILIARY, AND 3 SIBIR-CLASS REFRIGERATOR SHIPS. ONE POSSIBLE SIBIR-CLASS IS UNDER CONSTRUCTION ON WAYS. TWO POSSIBLE VESSELS ON THE BUILDING WAYS ARE OBSCURED BY OVERHEAD GIRDERS.

ON THE NORTH BANK OF THE INGUL RIVER, QUAY WALLS ARE BEING EXTENDED, FILL IS BEING DREDGED FROM THE RIVER BOTTOM, AND FOOTINGS ARE VISIBLE FOR A POSSIBLE NEW BUILDING.

[Redacted]

25X1

SHANG-HAI SHIPYARD COMPLEX

CH 3115N 12132E

OB -- SHANG-HAI NAVAL BASE AND SHIPYARD HU-TUNG --1 RIGA-CLASS DE, 2 POSSIBLE NEW CLASS PTH IN SECURED WET BASIN, 3 MEDIUM LCVP/LCM, 3 CHIEN-SHE (315-FT-TYPE) TANKERS, 1 UNNAMED SMALL AO, 2 PROBABLE NEW CLASS

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

AUXILIARIES, 4 RIVER BARGES AT DOWNSTREAM WHARF, 1 RIVER PASSENGER FERRY, AND SEVERAL SMALL UNIDENTIFIED CRAFT IN WATER. NINE PROBABLE PATROL CRAFT (4 POSSIBLE NEW CLASS PT-4 PARTIALLY COVERED BY SHEDS, 1 LARGER PATROL BOAT NEAR FOOT OF WAYS MOSTLY COVERED BY SHEDS, AND 3 UNIDENTIFIED PATROL CRAFT PARTIALLY COVERED BY SHEDS), 2 NEW CLASS PASSENGER/CARGO VESSELS (1 APPEARS NEAR LAUNCHING AND THE SECOND IS IN AN EARLY STAGE OF CONSTRUCTION), AND 1 UNNAMED CLASS SMALL AO NEAR COMPLETION OR UNDERGOING REPAIR ARE ALL OBSERVED ON BUILDING WAYS.

THE LARGE SHED ON THE BUILDING WAY APPEARS UNCHANGED AND THE FOOT OF THE 2 UPRIVER WAYS ARE COVERED BY WEATHERSHEDS.

SHANG-HAI SHIPYARD CHUNG-HUA -- 7 PROBABLE NEW CLASS PROBABLE YP, 20 NEW CLASS LCVP/LCM, AND 1 POSSIBLE NAVAL AUXILIARY IN WATER AND 4 LCVP/LCM (1 IN EARLY STAGES OF CONSTRUCTION) AND 1 UNIDENTIFIED VESSEL UNDER CONSTRUCTION ON THE WAYS.

SHANG-HAI SHIPYARD EAST -- 1 PROBABLE S-1-CLASS OSS AT FITTING-OUT WHARF, 1 UKURU-CLASS OPF, 1 KRONSHADT-CLASS PC, 1 T-43-CLASS MSF, 2 YP, 4 LST-1-CLASS LST, 1 LSM-CLASS LSM, 1 UNNAMED CLASS AO, 1 BARRICUDA-CLASS AN, 1 GOLOVNYI-CLASS ATA, 1 UNIDENTIFIED ATA, 2 WORK BARGES, AND UNIDENTIFIED NON-COMBATANT CRAFT IN WATER, 1 W/R-CLASS AND 1 UNIDENTIFIED NON-COMBATANT ENGINE-AFT VESSEL IN GRAVING DOCK, 2 PROBABLE SWATOW-CLASS PGM IN LAUNCH BASIN AND 1 POSSIBLE M-V-CLASS SS, 5 PROBABLE YP/PT, 1 UNIDENTIFIED HULL, AND APPROXIMATELY 3 UNIDENTIFIED CRAFT ON BUILDING/REPAIR WAYS.

SHANG-HAI SHIPYARD WEST -- 3 MERCHANT SHIPS IN GRAVING DOCKS, 1 MERCHANT SHIP AND 1 RAIL FERRY AT QUAY, AND SEVERAL UNIDENTIFIED SMALL CRAFT.

SHANG-HAI NAVAL BASE JUKONG WHARVES -- 5 LST-1-CLASS LST AND 3 LSM-1-CLASS LSM.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

TOP SECRET

25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

KIMCHAEK NAVAL BASE AND PORT FACILITIES KN 4039N 12912E

25X1

OB -- NONE IDENTIFIABLE.

NUMEROUS SMALL CRAFT/FISHING BOATS AND 1 OCEAN-GOING CARGO VESSEL ARE OBSERVED. FOUR CIVIL CRAFT ARE UNDER CONSTRUCTION AT THE SMALL BOATYARD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

TOP SECRET

25X1

25X1

**Electronics/
Communications**

TOP SECRET

25X1

MISSION 4033, 13-20 OCTOBER 1966

25X1

ELECTRONICS/COMMUNICATIONS

ODESSA HF SPHERICAL/CIRCULAR ARRAY FAC UR 4626N 03030E

25X1

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

SINGYE SUSPECT RADAR SITE KN 3830N 12632E

THE EASTERN 10 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO RADAR SITE OBSERVED.

[REDACTED]

25X1

LOP NOR SUSPECT RADAR CH 4356N 08704E

A 7-NM RADIUS OF THE REFERENCED COORDINATES IS COVERED. NO RADAR OR ELECTRONIC-TYPE ACTIVITY IS OBSERVED.

[REDACTED]

25X1

YOSHKAR-OLA TALL KING-AD HQ RADAR FAC UR 5637N 04758E NO COMOR

3 NM EAST OF YOSHKAR-OLA. SECURED FACILITY CONSISTS OF 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING, AND 1 HEIGHT FINDER RADAR ON A MOUND.

AN AIR WARNING RADAR FACILITY 2,000 FT WEST OF THE TALL KING CONSISTS OF 4 OCCUPIED RADAR MOUNDS.

SUPPORT FOR THIS FACILITY IS WITHIN THE SAME SECURITY AND CONSISTS OF APPROXIMATELY 5 BUILDINGS. YOSHKAR-OLA AIRFIELD IS LOCATED 3 NM NE OF THE TALL KING.

[REDACTED]

25X1

ASPIDNOYE PROBABLE TROPOSCATTER FACILITY UR 6928N 16121E NO COMOR

8 NM NORTH OF ASPIDNOYE. FACILITY, SITUATED ON TOP OF A HILL, CONSISTS OF 10-12 BUILDINGS/STRUCTURES AND 2-3 AREAS OF ACTIVITY POSSIBLY SUGGESTING FUTURE ANTENNA POSITIONS.

[REDACTED]

25X1

TOP SECRET

[REDACTED]

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

ONE OF THE BUILDINGS, A STRUCTURE CONSISTING OF 2 PARALLEL WINGS AND A CONNECTING PASSAGEWAY, APPEARS IDENTICAL TO THAT FOUND AT OTHER SOVIET TROPOSCATTER FACILITIES. NO ANTENNAS OR ANTENNA FOUNDATIONS ARE OBSERVED.

TOP SECRET

**Military
Activity**

TOP SECRET

25X1
25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

MILITARY ACTIVITY

CHE-CHIANG MILITARY COMPLEX

CH 2645N 11236E

OB -- 25 CARGO TRUCKS, 11 CARTS, 1 BUS, AND 3 PIECES OF EQUIPMENT.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1
25X1

HENG-YANG AMMUNITION DEPOT ENE FEN-SHUI-AD CH 2656N 11243E

PILES OF UNIDENTIFIED WHITE MATERIAL ARE VISIBLE IN FRONT OF 2 WAREHOUSES AND POSSIBLY 3 OTHER WAREHOUSES. NO INDICATION OF TROOP OR SUPPLY BUILDUP IS OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[REDACTED]

25X1

HENG-YANG AMMUNITION DEPOT SOUTHEAST

CH 2651N 11241E

PILES OF WHITE MATERIAL, POSSIBLY A DECONTAMINATION AGENT, ARE VISIBLE IN FRONT OF 2 WAREHOUSES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

HUO-LU MILITARY AREAS

CH 3801N 11425E

OB -- 28 CARGO TRUCKS AND 10 PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

TOP SECRET

[REDACTED]

[REDACTED]

25X1
25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

KA-ERH-MU ARMY SUPPLY & ORD REPAIR DEPOT CH 3627N 09455E

OB -- 759 CARGO TRUCKS, 13 PRIME MOVERS, 40 CARGO BEDS, 26 VEHICLE CHASSIS, 65 POL TRUCKS, 2 CRANES, 3 BUSES, AND 42 UNIDENTIFIED PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

LEI-PEI MILITARY AREAS CH 2122N 11016E

IDENTIFICATION ONLY.

[REDACTED]

TENG-CHUNG MILITARY COMPLEX CH 2502N 09829E

OB -- 3 CARGO TRUCKS AND 3 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO EVIDENCE OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

PYONGYANG MILITARY SCHOOL KN 3900N 12550E

OB -- 13 CARGO TRUCKS AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

LARANG POSSIBLE MILITARY INSTALLATION TI 2749N 08859E

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET

TOP SECRET

25X1
25X1

MISSION 4033, 13-20 OCTOBER 1966

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[REDACTED]

25X1

TZU-MU-TSUNG BARRACKS NORTHWEST

TI 2941N 09423E

OB -- 40 CARGO TRUCKS AND 70 TENTS IN AREA C, 17 CARGO TRUCKS IN AREA B, AND 4 CARGO TRUCKS IN AREA A.

CONSTRUCTION ACTIVITY CONTINUES JUST SOUTH OF AREA C. NO INDICATIONS OF TROOP OR SUPPLY BUILDUP OBSERVED.

[REDACTED]

25X1

25X1

YA-TUNG ARMY BARRACKS

TI 2728N 08854E

OB -- 1 CARGO TRUCK.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

YA-TUNG MILITARY STRONGPOINTS

TI 2725N 08852E

OB -- 10 CARGO TRUCKS.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

JIH-KO-TSE ARMY BKS TASHI KYITSA MAGAR

TI 2915N 08853E

OB -- 26 CARGO TRUCKS.

FOURTEEN TENTS ARE OBSERVED IN AREA 6. NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

[REDACTED]

25X1

TOP SECRET

[REDACTED]

[REDACTED]

25X1
25X1

TOP SECRET

25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

SHIH-CHIA-CHUANG BARRACKS AREA

CH 3805N 11430E

OB -- 8 UNIDENTIFIED VEHICLES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1

25X1

SHIH-CHIA-CHUANG ARMY BKS & TRNG CEN W

CH 3802N 11425E

OB -- 25 CARGO TRUCKS AND 15 VEHICLES/PIECES OF EQUIPMENT.

INSTALLATION CONTAINS 1 HEADQUARTERS BUILDING, 3 AUDITORIUMS, 27 LARGE BARRACKS WITH MESSHALLS, 146 BARRACKS, 13 ADMINISTRATION BUILDINGS, 1 MULTI-WINGED HOSPITAL, 3 POWERPLANTS, 2 MULTISTORY MAINTENANCE BUILDINGS, 13 LARGE GENERAL STORAGE BUILDINGS, 12 MESSHALLS, 16 PROBABLE QUARTERS, 22 VEHICLE MAINTENANCE/STORAGE BUILDINGS, 2 LARGE MONITOR-ROOFED REPAIR BUILDINGS, 150 SUPPORT/STORAGE BUILDINGS, 3 SUB-CALIBER/FLAT-TRAJECTORY FIRING RANGES, 2 SMALL-ARMS FIRING RANGES, 1 TANK/ASSAULT-GUN RANGE, 2 SWIMMING POOLS, AND 3 PARADE/EXERCISE FIELDS.



25X1

YUAN-SHIH BARRACKS AREAS NORTHEAST

CH 3746N 11432E

OB -- FIFTEEN 122/152MM FA PIECES WITH LIMBERS DETACHED, 11 PROBABLE 122/152MM FA PIECES WITH LIMBERS, 9 OTHER FA PIECES, AND 14 PROBABLE CARGO TRUCKS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X1

HSU-CHOU HEADQUARTERS 68TH ARMY

CH 3416N 11711E

OB -- 47 TANKS/ASSAULT GUNS, 28 AAA PIECES, AND 17 CARGO TRUCKS IN AREA B, 2 CARGO TRUCKS IN AREA I, 30 POSSIBLE POL TANK TRUCKS, AND 6 CARGO TRUCKS IN AREA J.

TOP SECRET

25X1

25X1

TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

25X1

ONE TANK/ASSAULT-GUN FIRING RANGE IN AREA G AND 1 MOVING-TARGET RANGE IN AREA L HAVE BEEN RETURNED TO CULTIVATION. AN ATHLETIC FIELD IS OBSERVED IN AREA L.

25X1

LIN-CHENG ARMY BARRACKS

CH 3448N 11715E

OB -- 9 FA PIECES, 5 TRACKED PRIME MOVERS, AND 2 CARGO TRUCKS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

CHI-NAN HQ CHI-NAN MILITARY REGION

CH 3640N 11702E

OB -- 10 CARGO TRUCKS AND 1 POSSIBLE BUS.

NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

CHI-NAN MILITARY AREAS

CH 3635N 11656E

OB -- 7 TANKS, 6 CARGO TRUCKS, 15 POSSIBLE VEHICLE TRAILERS, 1 UTILITY TRAILER, AND 28 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

HAI-FENG AAA TRAINING AREA

CH 2305N 11525E

OB -- 3 CARGO TRUCKS.

TWO FIGURE-8 DRIVER-TRAINING COURSES IN THE AREA APPEAR ABANDONED. NO INDICATION OF TROOP OR SUPPLY BUILDUP OBSERVED.

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TOP SECRET

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TOP SECRET

[Redacted]

25X1

MISSION 4033, 13-20 OCTOBER 1966

[Redacted]

25X1

[Redacted]

25X1

A-SSU-HO-TA SUSPECT MILITARY AREA

CH 3754N 09515E

[Redacted]

25X1

INSTALLATION IS A CONSTRUCTION AND AGRICULTURAL COMMUNE WITH NUMEROUS CARGO TRUCKS. NO MILITARY FEATURES ARE OBSERVED.

[Redacted]

25X1

TOP SECRET

[Redacted]

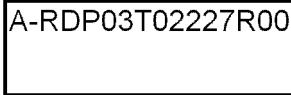
[Redacted]

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25X1

Complexes

TOP SECRET

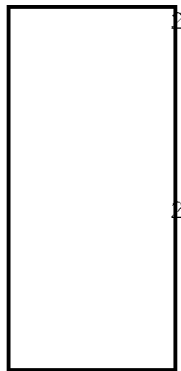


MISSION 4033, 13-20 OCTOBER 1966

COMPLEXES

MONG CAI COMPLEX

VN 2132N 10759E



NO EQUIPMENT, TROOP MOVEMENT, NEW CONSTRUCTION, OR IMPROVEMENT TO TRANSPORTATION FACILITIES OBSERVED. NO NEW OR PREVIOUSLY UNREPORTED COMMUNICATIONS OBSERVED.



PANG-PEI RAIL FACILITIES

CH 4339N 11158E

RAIL YARD AND ADJACENT SPURS CONTAIN APPROXIMATELY 250 PIECES OF ROLLING STOCK. CONSTRUCTION CONTINUES IN THE PROBABLE INDUSTRIAL AREA SE OF THE RAIL YARD. LARGE QUANTITIES OF MATERIAL ARE OBSERVED IN OPEN STORAGE ADJACENT TO A LONG SHED PARALLEL TO THE RAILROAD AT THE NORTH END OF THE RAIL YARD. NO IDENTIFIABLE VEHICLES OR WEAPONS ARE OBSERVED.



TOP SECRET



Index

TOP SECRET

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25X1

25X1

MISSION 4033, 13-20 OCTOBER 1966

INDEX OF TARGETS

COMOR	INSTALLATION NAME	CTY	COORDINATES	OAK
	PLESETSK ICBM COMPLEX	UR	6254N 04038E	2
	PLESETSK ICBM LAUNCH SITE 2	UR	6256N 04031E	2
	PLESETSK ICBM LAUNCH SITE 3	UR	6257N 04041E	2
	PLESETSK ICBM LAUNCH SITE 4	UR	6258N 04046E	2
	PLESETSK ICBM LAUNCH SITE 5	UR	6303N 04057E	2
	PLESETSK ICBM LAUNCH SITE 6	UR	6300N 04052E	2
	PLESETSK ICBM LAUNCH SITE 7	UR	6251N 04034E	2
	PLESETSK ICBM LAUNCH SITE 8	UR	6253N 04047E	2
	PLESETSK ICBM LAUNCH SITE 9	UR	6253N 04051E	2
	PLESETSK ICBM LAUNCH SITE 10	UR	6252N 04052E	2
	PLESETSK SSM LAUNCH SITE 13	UR	6252N 04044E	2
	PLESETSK ICBM PROB LAUNCH SITE 16	UR	6246N 04035E	2
	PLESETSK ICBM COMPLEX SUPPORT FACILITY	UR	6254N 04038E	2
	PLESETSK ICBM RAIL-TO-ROAD TRANSFER POINT	UR	6255N 04044E	2
	YURYA ICBM COMPLEX	UR	5904N 04917E	2
	YURYA ICBM LAUNCH SITE 1	UR	5909N 04939E	2
	YURYA ICBM LAUNCH SITE 8	UR	5911N 04946E	2
	YURYA ICBM LAUNCH SITE 9	UR	5906N 04945E	2
	VERKHNYAYA SALDA ICBM COMPLEX	UR	5802N 06024E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 2	UR	5808N 06016E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 3	UR	5810N 06027E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 5	UR	5813N 06054E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 7	UR	5814N 06040E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 8	UR	5813N 06049E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 9	UR	5805N 06012E	1
	VERKHNYAYA SALDA ICBM LAUNCH SITE 10	UR	5808N 06032E	1
	TYURATAM MISSILE TEST CENTER	UR	4538N 06317E	2
	TYURATAM LAUNCH COMPLEX A	UR	4555N 06320E	2
	TYURATAM LAUNCH COMPLEX D	UR	4601N 06400E	2
	TYURATAM LAUNCH COMPLEX E	UR	4557N 06311E	2
	TYURATAM LAUNCH COMPLEX F	UR	4601N 06305E	2
	TYURATAM LAUNCH COMPLEX H	UR	4559N 06342E	2
	TYURATAM LAUNCH GROUP I (SITES I1, I2, I3)	UR	4555N 06326E	2
	TYURATAM LAUNCH GROUP I (SITE I4)	UR	4554N 06320E	2
	TYURATAM LAUNCH COMPLEX J	UR	4555N 06317E	2
	TYURATAM LAUNCH GROUP L (SITE L3)	UR	4604N 06305E	2
	TYURATAM LAUNCH GROUP L (SITE L8)	UR	4601N 06307E	2
	TYURATAM LAUNCH GROUP L (SITE L9)	UR	4558N 06306E	2
	TYURATAM LAUNCH GROUP M (SITE M3)	UR	4602N 06306E	2
TYURATAM MAIN SUPPORT BASE	UR	4538N 06317E	2	
YOSHKAR-OLA ICBM COMPLEX	UR	5633N 04801E	2	
SVOBODNYI ICBM COMPLEX	UR	5146N 12806E	2	
SVOBODNYI ICBM LAUNCH SITE 3	UR	5154N 12809E	2	
SVOBODNYI ICBM LAUNCH SITE 4	UR	5158N 12806E	2	

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TOP SECRET

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

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SVOBODNYY ICBM LAUNCH SITE 5	UR 5151N 12812E 2
SVOBODNYY ICBM LAUNCH SITE 6	UR 5143N 12759E 2
SVOBODNYY ICBM LAUNCH SITE 7	UR 5137N 12757E 2
SVOBODNYY ICBM LAUNCH SITE 8	UR 5202N 12805E 2
SVOBODNYY ICBM LAUNCH SITE 9 (K)	UR 5127N 12801E 2
SVOBODNYY ICBM LAUNCH SITE 10 (I)	UR 5147N 12809E 2
SVOBODNYY ICBM LAUNCH SITE 11 (I)	UR 5153N 12810E 2
SVOBODNYY ICBM LAUNCH SITE 12 (I)	UR 5148N 12803E 2
SVOBODNYY ICBM LAUNCH SITE 14 (I)	UR 5150N 12808E 2
SVOBODNYY ICBM LAUNCH SITE 15 (I)	UR 5155N 12805E 2
SVOBODNYY ICBM LAUNCH SITE 16 (I)	UR 5151N 12802E 2
SVOBODNYY ICBM LAUNCH SITE 17 (I)	UR 5154N 12759E 2
SVOBODNYY ICBM LAUNCH SITE 18 (J)	UR 5143N 12756E 2
SVOBODNYY ICBM LAUNCH SITE 19 (J)	UR 5146N 12800E 2
SVOBODNYY ICBM LAUNCH SITE 21 (I)	UR 5157N 12759E 2
SVOBODNYY ICBM LAUNCH SITE 22 (I)	UR 5159N 12802E 2
SVOBODNYY ICBM LAUNCH SITE 23 (I)	UR 5148N 12814E 2
SVOBODNYY ICBM LAUNCH SITE 24 (K)	UR 5130N 12758E 2
SVOBODNYY ICBM LAUNCH SITE 25 (K)	UR 5127N 12756E 2
SVOBODNYY ICBM LAUNCH SITE 26 (K)	UR 5123N 12753E 2
SVOBODNYY ICBM LAUNCH SITE 27 (K)	UR 5124N 12803E 2
SVOBODNYY ICBM LAUNCH SITE 29 (K)	UR 5121N 12759E 2
SVOBODNYY ICBM LAUNCH SITE 30 (K)	UR 5131N 12750E 2
SVOBODNYY ICBM LAUNCH SITE 31 (J)	UR 5139N 12808E 2
SVOBODNYY ICBM LAUNCH SITE 32 (J)	UR 5143N 12804E 2
SVOBODNYY ICBM LAUNCH SITE 34 (K)	UR 5123N 12758E 2
SVOBODNYY ICBM LAUNCH SITE 36 (K)	UR 5119N 12754E 2
SVOBODNYY ICBM LAUNCH SITE 38 (J)	UR 5140N 12803E 2
SVOBODNYY ICBM LAUNCH SITE 39	UR 5140N 12754E 2

25X1

DROVYANAYA ICBM COMPLEX	UR 5131N 11300E 2
DROVYANAYA ICBM LAUNCH SITE 1	UR 5125N 11300E 2
DROVYANAYA ICBM LAUNCH SITE 2	UR 5125N 11304E 2
DROVYANAYA ICBM LAUNCH SITE 3	UR 5120N 11301E 2
DROVYANAYA ICBM LAUNCH SITE 4	UR 5127N 11303E 2
DROVYANAYA ICBM LAUNCH SITE 5	UR 5122N 11250E 2
DROVYANAYA ICBM LAUNCH SITE 6	UR 5120N 11254E 2
DROVYANAYA ICBM LAUNCH SITE 7 (G)	UR 5138N 11305E 2
DROVYANAYA ICBM LAUNCH SITE 8 (G)	UR 5134N 11304E 2
DROVYANAYA ICBM LAUNCH SITE 9 (G)	UR 5136N 11302E 2
DROVYANAYA ICBM LAUNCH SITE 10 (G)	UR 5133N 11307E 2
DROVYANAYA ICBM LAUNCH SITE 11 (G)	UR 5136N 11307E 2
DROVYANAYA ICBM LAUNCH SITE 12 (G)	UR 5129N 11300E 2
DROVYANAYA ICBM LAUNCH SITE 13 (G)	UR 5131N 11304E 2
DROVYANAYA ICBM LAUNCH SITE 14 (G)	UR 5129N 11306E 2
DROVYANAYA ICBM LAUNCH SITE 15 (H)	UR 5126N 11302E 2
DROVYANAYA ICBM LAUNCH SITE 16 (G)	UR 5135N 11312E 2
DROVYANAYA ICBM LAUNCH SITE 18 (G)	UR 5131N 11300E 2
DROVYANAYA ICBM LAUNCH SITE 19 (H)	UR 5121N 11251E 2

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TOP SECRET

TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

DROVYANAYA ICBM LAUNCH SITE 20 (H)	UR 5122N 11257E 2
DROVYANAYA ICBM LAUNCH SITE 21 (H)	UR 5120N 11304E 2
DROVYANAYA ICBM LAUNCH SITE 22 (H)	UR 5122N 11302E 2
DROVYANAYA ICBM LAUNCH SITE 23 (H)	UR 5125N 11309E 2
DROVYANAYA ICBM LAUNCH SITE 24 (H)	UR 5123N 11306E 2
DROVYANAYA ICBM LAUNCH SITE 25 (H)	UR 5118N 11257E 2
DROVYANAYA ICBM LAUNCH SITE 26 (H)	UR 5121N 11247E 2
DROVYANAYA ICBM LAUNCH SITE 28 (H)	UR 5124N 11252E 2
DROVYANAYA ICBM LAUNCH SITE 41 (X)	UR 5130N 11302E 2
DROVYANAYA ICBM LAUNCH SITE 45 (J)	UR 5115N 11314E 2
DROVYANAYA ICBM LAUNCH SITE 48 (J)	UR 5117N 11311E 2
DROVYANAYA ICBM LAUNCH SITE 49 (K)	UR 5131N 11318E 2
DROVYANAYA ICBM LAUNCH SITE 50 (J)	UR 5113N 11311E 2
DROVYANAYA ICBM LAUNCH SITE 51 (K)	UR 5131N 11312E 2
DROVYANAYA ICBM LAUNCH SITE 52 (K)	UR 5129N 11312E 2
DROVYANAYA ICBM LAUNCH SITE 53 (K)	UR 5125N 11316E 2
DROVYANAYA ICBM POSS LAUNCH SITE 55	UR 5125N 11312E 2
DROVYANAYA ICBM COMPLEX SUPPORT FACILITY	UR 5131N 11300E 2
DROVYANAYA ICBM RAIL-TO-ROAD TSFR POINT	UR 5130N 11302E 2
SHADRINSK ICBM COMPLEX	UR 5608N 06340E 2
SHADRINSK ICBM LAUNCH SITE 1	UR 5608N 06350E 2
SHADRINSK ICBM LAUNCH SITE 2	UR 5609N 06401E 2
SHADRINSK ICBM LAUNCH SITE 3	UR 5606N 06356E 2
OMSK ICBM COMPLEX	UR 5504N 07331E 1
PERM ICBM COMPLEX	UR 5742N 05619E 1
GLADKAYA ICBM COMPLEX	UR 5606N 09214E 1
GLADKAYA ICBM LAUNCH SITE 7 (F)	UR 5614N 09215E 1
GLADKAYA ICBM LAUNCH SITE 12 (F)	UR 5613N 09210E 1
GLADKAYA ICBM COMPLEX SUPPORT FACILITY	UR 5606N 09214E 1
GLADKAYA ICBM RAIL-TO-ROAD TRANSFER POINT	UR 5607N 09213E 1
KOZELSK ICBM COMPLEX	UR 5356N 03549E 2
KOZELSK ICBM LAUNCH SITE 3	UR 5354N 03545E 2
KOZELSK ICBM LAUNCH SITE 28 (H)	UR 5356N 03535E 2
KOZELSK ICBM POSS LAUNCH SITE 29 (H)	UR 5403N 03540E 2
KOZELSK ICBM PROB LAUNCH SITE 30 (H)	UR 5400N 03539E 2
KOZELSK ICBM COMPLEX SUPPORT FACILITY	UR 5356N 03549E 2
KOZELSK ICBM RAIL-TO-ROAD TRANSFER POINT	UR 5356N 03547E 2
ZHANGIZ-TOBE ICBM COMPLEX	UR 4912N 08109E 2
ZHANGIZ-TOBE ICBM LAUNCH SITE 1 (A)	UR 4911N 08059E 2
ZHANGIZ-TOBE ICBM LAUNCH SITE 6 (A)	UR 4907N 08057E 2
ZHANGIZ-TOBE ICBM LAUNCH SITE 11 (B)	UR 4917N 08105E 2
ZHANGIZ-TOBE ICBM RAIL-TO-ROAD TSFR POINT	UR 4912N 08108E 2
ALEYSK ICBM COMPLEX	UR 5229N 08243E 2
ALEYSK ICBM LAUNCH SITE 1 (A)	UR 5227N 08235E 2
ALEYSK ICBM LAUNCH SITE 2 (A)	UR 5230N 08240E 2
ALEYSK ICBM LAUNCH SITE 5 (A)	UR 5235N 08230E 2
ALEYSK ICBM LAUNCH SITE 6 (A)	UR 5236N 08235E 2
ALEYSK ICBM LAUNCH SITE 12 (A)	UR 5233N 08234E 2
ALEYSK ICBM LAUNCH SITE 13 (B)	UR 5220N 08241E 2

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TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

25X1

25X1

ALEYSK ICBM RAIL-TO-ROAD TRANSFER POINT	UR 5228N 08242E	2
KARTALY ICBM COMPLEX	UR 5302N 06034E	1
KARTALY ICBM LAUNCH SITE 24 (D)	UR 5243N 06034E	1
KARTALY ICBM LAUNCH SITE 25 (D)	UR 5241N 06042E	1
IMENI GASTELLO ICBM COMPLEX	UR 5106N 06618E	1
IMENI GASTELLO ICBM LAUNCH SITE 10 (B)	UR 5052N 06617E	1
IMENI GASTELLO ICBM LAUNCH SITE 20 (D)	UR 5124N 06615E	1
IMENI GASTELLO ICBM COMPLEX SUPPORT FAC	UR 5106N 06618E	1
IMENI GASTELLO ICBM RAIL-TO-ROAD TSFR PT	UR 5106N 06617E	1
TATISCHEVO ICBM COMPLEX	UR 5140N 04534E	2
TATISHCHEVO ICBM LAUNCH SITE 1 (A)	UR 5148N 04539E	2
TATISHCHEVO ICBM LAUNCH SITE 2 (A)	UR 5151N 04541E	2
TATISHCHEVO ICBM LAUNCH SITE 3 (A)	UR 5148N 04545E	2
TATISHCHEVO ICBM LAUNCH SITE 5 (A)	UR 5145N 04541E	2
TATISHCHEVO ICBM LAUNCH SITE 6 (A)	UR 5144N 04535E	2
TATISHCHEVO ICBM LAUNCH SITE 7 (A)	UR 5147N 04534E	2
TATISHCHEVO ICBM LAUNCH SITE 8 (A)	UR 5150N 04534E	2
TATISHCHEVO ICBM LAUNCH SITE 10 (A)	UR 5153N 04536E	2
TATISHCHEVO ICBM LAUNCH SITE 11	UR 5152N 04531E	2
TATISHCHEVO ICBM LAUNCH SITE 20 (C)	UR 5133N 04518E	2
TATISHCHEVO ICBM LAUNCH SITE 22 (C)	UR 5132N 04513E	2
TATISHCHEVO ICBM LAUNCH SITE 24 (C)	UR 5132N 04506E	2
TATISHCHEVO ICBM LAUNCH SITE 26 (C)	UR 5128N 04510E	2
TATISHCHEVO ICBM LAUNCH SITE 32 (C)	UR 5125N 04510E	2
TATISHCHEVO ICBM LAUNCH SITE 35 (X)	UR 5141N 04532E	2
TATISHCHEVO ICBM LAUNCH SITE 38 (D)	UR 5140N 04502E	2
TATISHCHEVO ICBM LAUNCH SITE 41 (D)	UR 5143N 04508E	2
TATISHCHEVO ICBM LAUNCH SITE 44 (C)	UR 5125N 04504E	2
TATISHCHEVO ICBM LAUNCH SITE 45 (E)	UR 5152N 04546E	2
TATISHCHEVO ICBM LAUNCH SITE 47 (E)	UR 5155N 04543E	2
TATISHCHEVO ICBM LAUNCH SITE 54 (D)	UR 5139N 04509E	2
TATISHCHEVO ICBM LAUNCH SITE 57 (C)	UR 5128N 04504E	2
TATISHCHEVO ICBM LAUNCH SITE 72 (D)	UR 5139N 04514E	2
TATISHCHEVO ICBM LAUNCH SITE 76 (E)	UR 5152N 04557E	2
TATISHCHEVO ICBM LAUNCH SITE 77 (E)	UR 5155N 04549E	2
TATISHCHEVO ICBM LAUNCH SITE 78 (E)	UR 5159N 04551E	2
TATISHCHEVO ICBM LAUNCH SITE 80	UR 5201N 04545E	2
TATISHCHEVO ICBM LAUNCH SITE 81	UR 5209N 04538E	2
TATISHCHEVO ICBM LAUNCH SITE 82 (E)	UR 5152N 04552E	2
TATISHCHEVO ICBM POSS LAUNCH SITE 87	UR 5149N 04554E	2
TATISHCHEVO ICBM LAUNCH SITE 95	UR 5206N 04555E	2
TATISHCHEVO ICBM LAUNCH SITE 98	UR 5157N 04534E	2
TATISHCHEVO ICBM LAUNCH SITE 99	UR 5209N 04544E	2
TATISHCHEVO ICBM LAUNCH SITE 100	UR 5158N 04544E	2
TATISHCHEVO ICBM LAUNCH SITE 101	UR 5201N 04556E	2
TATISHCHEVO ICBM LAUNCH SITE 102	UR 5204N 04559E	2
TATISHCHEVO ICBM LAUNCH SITE 109	UR 5214N 04540E	2
TATISHCHEVO ICBM LAUNCH SITE 110	UR 5211N 04535E	2
TATISHCHEVO ICBM LAUNCH SITE 111	UR 5205N 04534E	2

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MISSION 4033, 13-20 OCTOBER 1966

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TATISHCHEVO ICBM LAUNCH SITE 112	UR	5206N	04540E	2
TATISHCHEVO ICBM PROB LAUNCH SITE 113	UR	5205N	04546E	2
TATISHCHEVO ICBM LAUNCH SITE 115	UR	5202N	04538E	2
TATISHCHEVO ICBM COMPLEX SUPPORT FACILITY	UR	5140N	04534E	2
TATISHCHEVO ICBM RAIL-TO-ROAD TRANSFER PT	UR	5141N	04532E	2
PISHCHA FIXED FIELD MRBM SITE	UR	5135N	02346E	1
BRODY MRBM LAUNCH SITE 2	UR	5013N	02505E	1
KAI SIADORYS FIXED FIELD MRBM SITE	UR	5459N	02429E	2
PETRIKOV MRBM LAUNCH SITE	UR	5210N	02834E	1
KONKOVICHI MRBM LAUNCH SITE	UR	5215N	02837E	1
NOVOSELKI FIXED FIELD MRBM SITE 1	UR	5223N	02842E	2
NOVOSELKI FIXED FIELD MRBM SITE 2	UR	5225N	02841E	1
KRUPA MRBM LAUNCH SITE 2	UR	5249N	02445E	1
SHCHITNO FIXED FIELD MRBM SITE 1	UR	5243N	02458E	1
SHCHITNO FIXED FIELD MRBM SITE 2	UR	5241N	02457E	1
VEPRIAI MRBM LAUNCH SITE	UR	5508N	02438E	1
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR	4835N	04545E	2
KAPUSTIN YAR LAUNCH COMPLEX C	UR	4836N	04616E	2
KAPUSTIN YAR LAUNCH COMPLEX D	UR	4828N	04618E	2
KAPUSTIN YAR LAUNCH COMPLEX G	UR	4822N	04617E	2
KAPUSTIN YAR MISSILE STOR & HANDLING AREA	UR	4822N	04612E	2
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR	4602N	07334E	2
SARY-SHAGAN PROB LONG RANGE SAM LCH CPLX 1	UR	4605N	07327E	2
SHUANG-CHENG-TZU MISSILE TEST CENTER	CH	4107N	10020E	2
SHUANG-CHENG-TZU MTC LCH CPLX A (SITE 1)	CH	4114N	10017E	2
SHUANG-CHENG-TZU MTC LCH CPLX B (SITE 2)	CH	4115N	10018E	2
SHUANG-CHENG-TZU MTC LCH CPLX C (SITE 3)	CH	4118N	10017E	2
SHUANG-CHENG-TZU SSM-SAM ASBLY & CHECK CPX	CH	4106N	10016E	2
KAMCHATKA PENINSULA MISSILE IMPACT AREA	UR	5722N	16142E	2
CHIN-HSI CRUISE MISSILE LAUNCH SITE	CH	4042N	12052E	2
PEI-CHING GM DEV PROD CTR CHANG-HSIN-TIEN	CH	3950N	11608E	1
HU-HO-HAO-TE POSS SOL PROPL RKT MTR CPLX	CH	4045N	11158E	1
LAO CAI SAM SEARCH	VN	2229N	10359E	1
KOSHLASH LANGAR SUSPECT MISSILE TEST AREA	CH	3804N	08032E	2
NAN-YANG SUSPECT MISSILE ACTIVITY	CH	3248N	11214E	2
SHANG-KOU RADAR SITE	CH	1832N	10845E	2
PAO-TOU SAM SEARCH AREA	CH	4039N	10958E	1
GUBA MOTKA NAVAL BASE	UR	6940N	03210E	2
IOKANGA NAVAL BASE AND SHIP REPAIR YARD	UR	6804N	03932E	1
PETROPAVLOVSK NAVAL BASE TARYA BAY	UR	5255N	15834E	2
PETROPAVLOVSK NAVAL MISSILE STORAGE	UR	5257N	15827E	2
PETROPAVLOVSK NVL MSL SUPPORT FACILITY	UR	5257N	15829E	2
PETROPAVLOVSK NAVAL BASE SELDEVAYA BAY	UR	5254N	15830E	2
KALININGRAD SUSP NAVAL MISSILE STORAGE	UR	5450N	02028E	2
KALININGRAD PORT FACILITIES EAST	UR	5442N	02029E	2
ODESSA NAVAL BASE & SHIPYARD MARTI	UR	4629N	03044E	1
MOSKVA SUSPECT ABM AREA	UR	5545N	03737E	1
MOSKVA PROBABLE ABM LAUNCH COMPLEX E15	UR	5509N	03822E	2
NIZHNIY TAGIL PROB LONG RANGE SAM LCH CPLX	UR	5806N	06053E	1

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MISSION 4033, 13-20 OCTOBER 1966

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SVERDLOVSK PROB LONG RANGE SAM LCH CPLX	UR 5704N 06101E 2
FEODOSIYA PROB LR SAM LAUNCH COMPLEX	UR 4508N 03540E 2
PEI-CHING SAM SITE B26-2	CH 3951N 11609E 1
SHUANG-CHENG-TZU MTC SAM SITE A12-2	CH 4106N 10020E 2
ULAAN BAATAR SAM SITE A27-2	MG 4755N 10649E 1
SHANG-HAI SAM SITE B36-2	CH 3126N 12126E 2
PLESETSK ICBM CPLX SAM SUPPORT FACILITY	UR 6249N 04040E 2
KALININGRAD/PROVEREN AIRFIELD	UR 5446N 02025E 2
ORSHA AIRFIELD SOUTHWEST	UR 5426N 03018E 1
RYAZAN/DYAGILEVO AIRFIELD	UR 5439N 03935E 2
ZHITOMIR/SKOMOROKHI AIRFIELD	UR 5010N 02844E 1
TIKSI AIRFIELD	UR 7141N 12853E 2
TIKSI AIRFIELD WEST	UR 7141N 12842E 2
AKHTUBINSK/VLADIMIROVKA AIRFIELD	UR 4818N 04613E 2
CHI-NAN AIRFIELD	CH 3641N 11655E 2
CHIANG-WAN AIRFIELD	CH 3119N 12130E 2
CHIN-HSI AIRFIELD	CH 4045N 12052E 2
HSIANG-TANG AIRFIELD	CH 2826N 11556E 2
HSING-CHENG AIRFIELD	CH 4036N 12043E 2
HSING-NING AIRFIELD	CH 2409N 11545E 2
HSU-CHOU AIRFIELD SOUTHEAST	CH 3413N 11715E 2
HUA-CHIA-TUN AIRFIELD	CH 3916N 12205E 2
HUNG-CHIAO AIRFIELD	CH 3112N 12120E 2
KAO-MI AIRFIELD	CH 3623N 11942E 2
LUNG-HUA AIRFIELD	CH 3110N 12127E 2
FU-CHOU/NAN-TAI AIRFIELD	CH 2600N 11919E 2
SHIH-CHIA-CHUANG AIRFIELD	CH 3805N 11425E 2
TA-CHANG AIRFIELD	CH 3119N 12125E 2
TSANG-HSIEN AIRFIELD	CH 3824N 11655E 2
WU-CHOU AIRFIELD	CH 2328N 11118E 2
WU-KUNG AIRFIELD	CH 3417N 10815E 2
HSI-AN AIRCRAFT ASSEMBLY & REPAIR PLANT	CH 3417N 10815E 2
LIN-FEN AIRFIELD	CH 3602N 11129E 2
YEN-CHENG AIRFIELD	CH 3326N 12012E 2
HUAI-JEN AIRFIELD	CH 3944N 11310E 1
PYONGYANG AIRFIELD EAST	KN 3901N 12550E 1
SUNAN AIRFIELD	KN 3912N 12540E 1
HWANGJU AIRFIELD 2	KN 3839N 12548E 1
WU-WEI AIRFIELD	CH 3759N 10234E 2
HU-HO-HAO-TE AIRFIELD EAST	CH 4051N 11148E 1
HSU-CHOU AIRFIELD NORTHWEST	CH 3417N 11710E 2
KU-CHE AIRFIELD	CH 4144N 08259E 2
IRKUTSK AIRFIELD SOUTHEAST	UR 5216N 10422E 2
LAN-CHO-WAN-TZU AIRFIELD	CH 4356N 08705E 1
WU-MAO-CHIEH AIRFIELD	CH 4039N 10903E 2

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MISSION 4033, 13-20 OCTOBER 1966

SHANG-HAI NVB A SHPYD CHIANG-NAN DOCK CO	CH 3112N 12129E 1
TA-HSIEH TAO NAVAL BASE	CH 2953N 12157E 2
CHOU-SHAN NAVAL BASE AND SHIPYARD	CH 3000N 12206E 2
SHANG-HAI NAVAL BASE WU-SUNG	CH 3123N 12130E 2
CHING-LAN CHIANG MOTOR TORPEDO BOAT BASE	CH 1933N 11049E 2
NIKOLAYEV SHIPYARD NOSENKO 444	UR 4657N 03159E 2
NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA 445	UR 4659N 03201E 2
SHANG-HAI SHIPYARD COMPLEX	CH 3115N 12132E 2
KIMCHAEK NAVAL BASE AND PORT FACILITIES	KN 4039N 12912E 2
HSU-CHOU MATERIEL DEPOT SSW	CH 3414N 11707E 1
ODESSA HF SPHERICAL/CIRCULAR ARRAY FAC	UR 4626N 03030E 2
SINGYE SUSPECT RADAR SITE	KN 3830N 12632E 2
LOP NOR SUSPECT RADAR	CH 4356N 08704E 2
YOSHKAR-OLA TALL KING-AD HQ RADAR FAC	UR 5637N 04758E 2
ASPIDNOYE PROBABLE TROPOSCATTER FACILITY	UR 6928N 16121E 2
CHE-CHIANG MILITARY COMPLEX	CH 2645N 11236E 2
FU-CHING ARMY BARRACKS NORTHWEST SHAN-TIENCH	2548N 11918E 1
HENG-YANG AMMUNITION DEPOT ENE FEN-SHUI-AOCH	2656N 11243E 2
HENG-YANG AMMUNITION DEPOT SOUTHEAST	CH 2651N 11241E 2
HSIN-CHIN BARRACKS AND STORAGE AREA	CH 3923N 12158E 1
HUO-LU MILITARY AREAS	CH 3801N 11425E 2
KA-ERH-MU ARMY SUPPLY & ORD REPAIR DEPOT	CH 3627N 09455E 2
LEI-PEI MILITARY AREAS	CH 2122N 11016E 2
TENG-CHUNG MILITARY COMPLEX	CH 2502N 09829E 2
ICHON HEADQUARTERS & ARMY BARRACKS AREAS	KN 3829N 12653E 1
PYONGYANG MILITARY SCHOOL	KN 3900N 12550E 2
CHI-LUNG ARMY BARRACKS	TI 2820N 08521E 1
LARANG POSSIBLE MILITARY INSTALLATION	TI 2749N 08859E 2
JIH-TU ARMY BARRACKS NORTH	TI 3327N 07942E 1
TASHIGONG MILITARY AREA	TI 3232N 07941E 1
TZU-MU-TSUNG BARRACKS NORTHWEST	TI 2941N 09423E 2
YA-TUNG ARMY BARRACKS	TI 2728N 08854E 2
YA-TUNG MILITARY STRONGPOINTS	TI 2725N 08852E 2
JIH-KO-TSE ARMY BKS TASHI KYITSA MAGAR	TI 2915N 08853E 2
VAN HOI MILITARY AREAS	VN 2134N 10452E 1
YEH-CHENG BKS/SUPPLY DEPOT BESH ARIK NW	CH 3754N 07727E 1
PA-YEN-KAO-LO HQ 154 INDEP INFANTRY DIV	CH 4013N 10653E 1
SHIH-CHIA-CHUANG BARRACKS AREA	CH 3805N 11430E 2

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MISSION 4033, 13-20 OCTOBER 1966

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SHIH-CHIA-CHUANG ARMY BKS & TRNG CEN W	CH 3802N 11425E 2
YUAN-SHIH BARRACKS AREAS NORTHEAST	CH 3746N 11432E 2
HENG-CHENG MILITARY CAMP	CH 3826N 10624E 1
LIN-HSIA BARRACKS AREA	CH 3533N 10308E 1
HSU-CHOU HEADQUARTERS 68TH ARMY	CH 3416N 11711E 2
LIN-CHENG ARMY BARRACKS	CH 3448N 11715E 2
CHI-NAN HQ CHI-NAN MILITARY REGION	CH 3640N 11702E 2
CHI-NAN MILITARY AREAS	CH 3635N 11656E 2
WU-WEI BARRACKS AREA	CH 3757N 10239E 1
WU-WEI STORAGE AREA	CH 3749N 10242E 1
HAI-FENG AAA TRAINING AREA	CH 2305N 11525E 2
TALDY HOUSING AREA	CH 4326N 08254E 1
A-SSU-HO-TA SUSPECT MILITARY AREA	CH 3754N 09515E 2
WU-PU-CHIEH ROAD CONSTRUCTION	CH 2314N 10454E 1
HA-NOI/LAO CAI RR SEGMENT 3	VN 2140N 10456E 1
FU-CHOU COMPLEX	CH 2605N 11918E 1
SHANG-HAI COMPLEX	CH 3114N 12128E 1
MONG CAI COMPLEX	VN 2132N 10759E 2
JONGKHA DZONG COMPLEX	TI 2851N 08517E 1
PANG-PEI RAIL FACILITIES	CH 4339N 11158E 2
CHING-SHUI-PAO RAIL FACILITIES	CH 3923N 09908E 1

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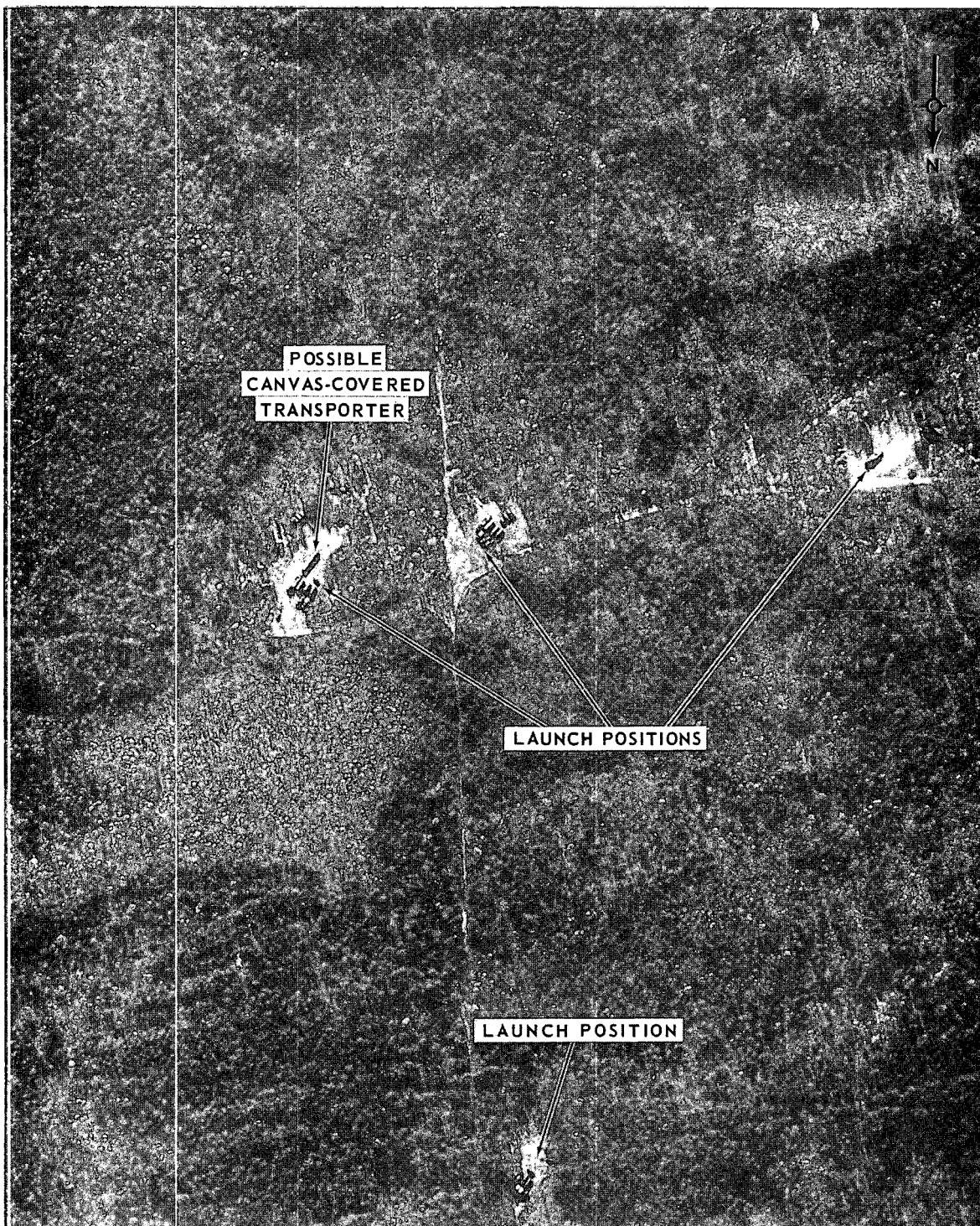
Attachments

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TOP SECRET

MISSION 4033, 13-20 OCTOBER 1966

ATTACHMENT 2



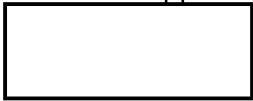
FIXED FIELD MRBM SITE 1, NOVOSELKI, USSR

NPIC L-2193 (10/66)

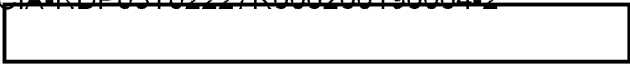
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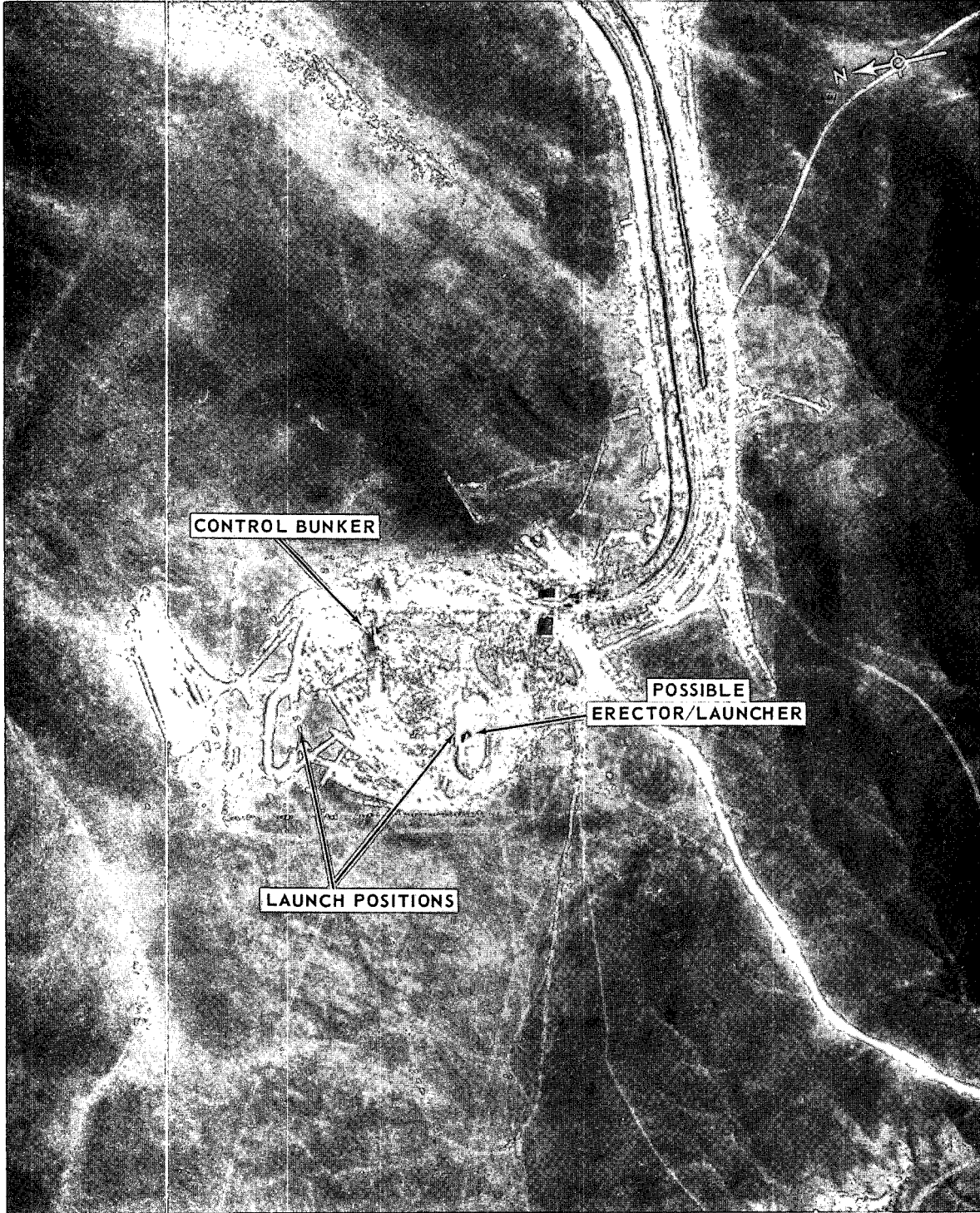
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MISSION 4033, 13-20 OCTOBER 1966

ATTACHMENT 3



LAUNCH SITE 1, LAUNCH COMPLEX C, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR

94 (10/66)

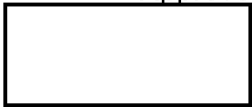


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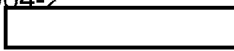
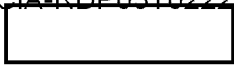
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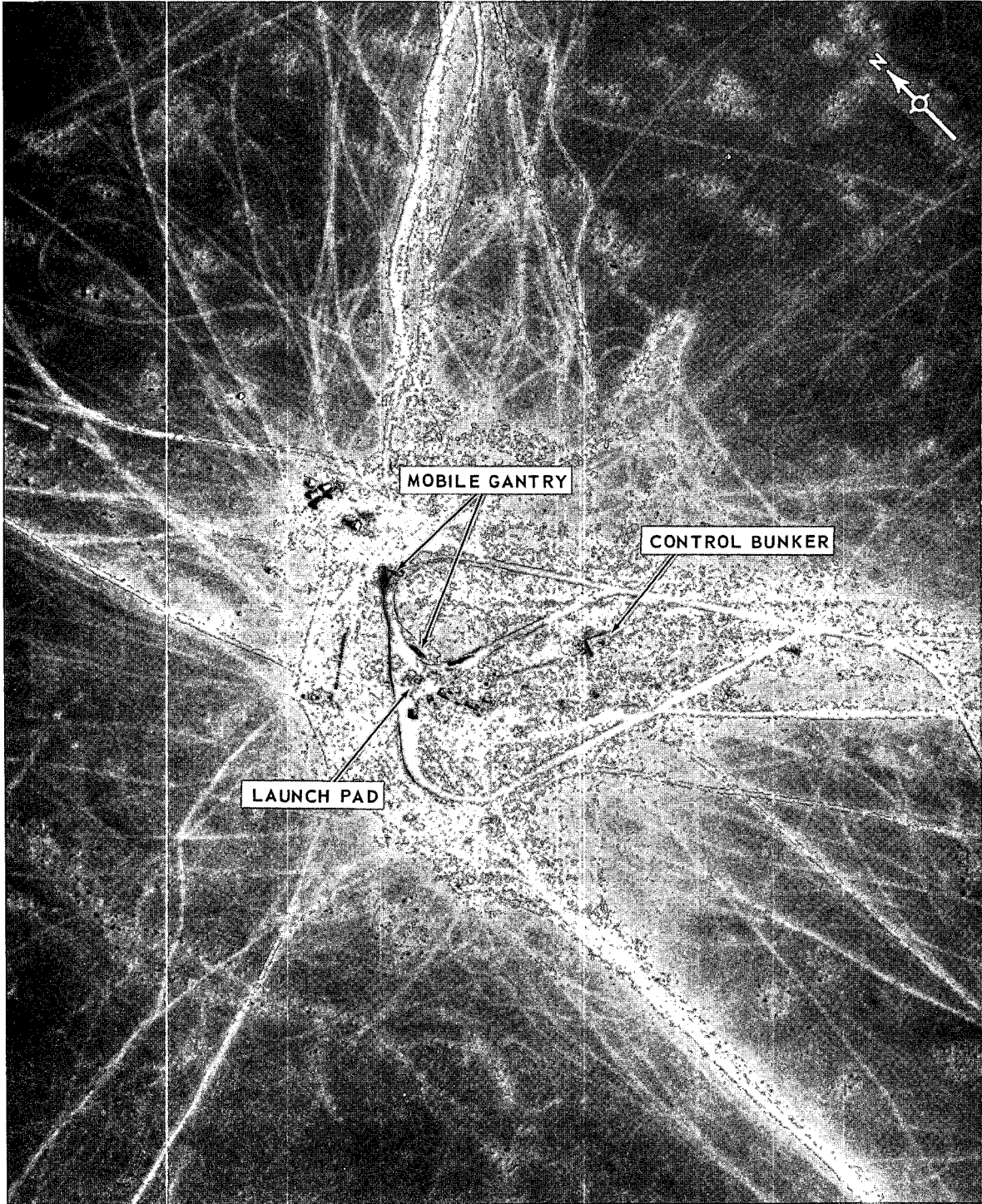
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MISSION 4033, 13-20 OCTOBER 1966

ATTACHMENT 4



LAUNCH COMPLEX D, SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA



MPIC L-2195 (10/66)

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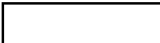


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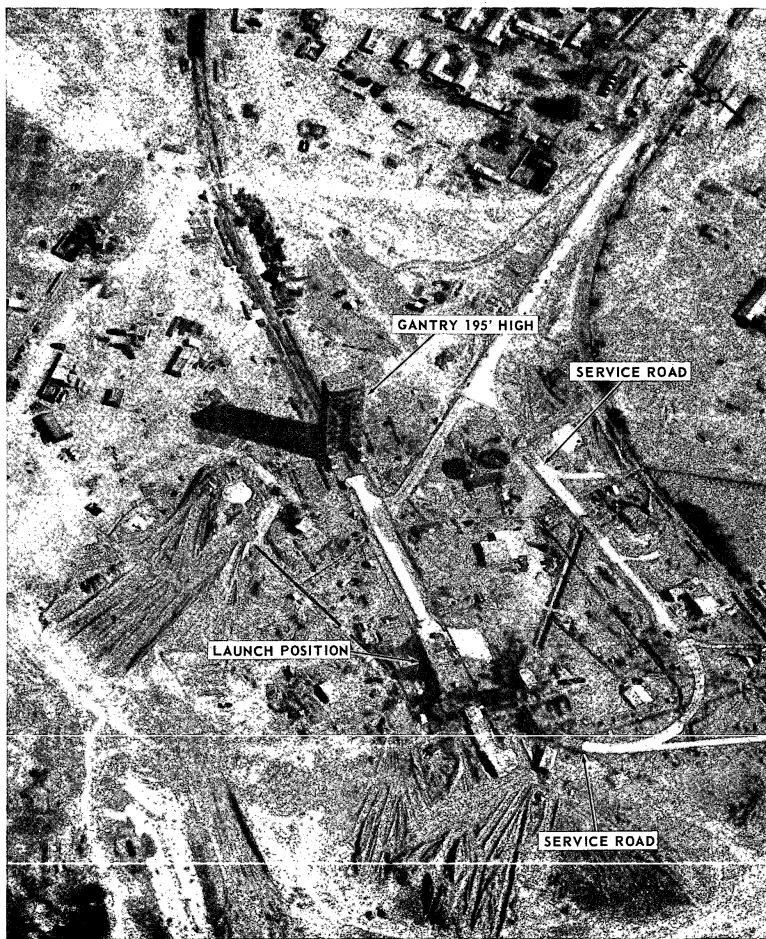


MISSION 4033, 13-20 OCTOBER 1966

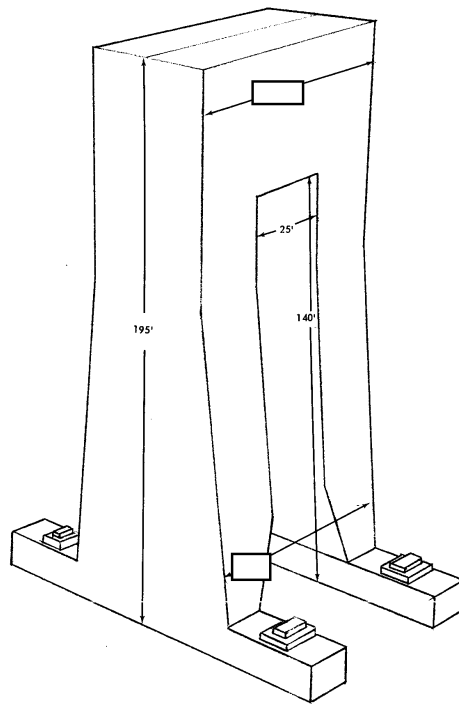


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ATTACHMENT 5



LAUNCH COMPLEX B, SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA

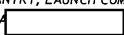


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NPIC L-2196 (10/66)

DIMENSIONAL SKETCH OF GANTRY, LAUNCH COMPLEX B, SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA



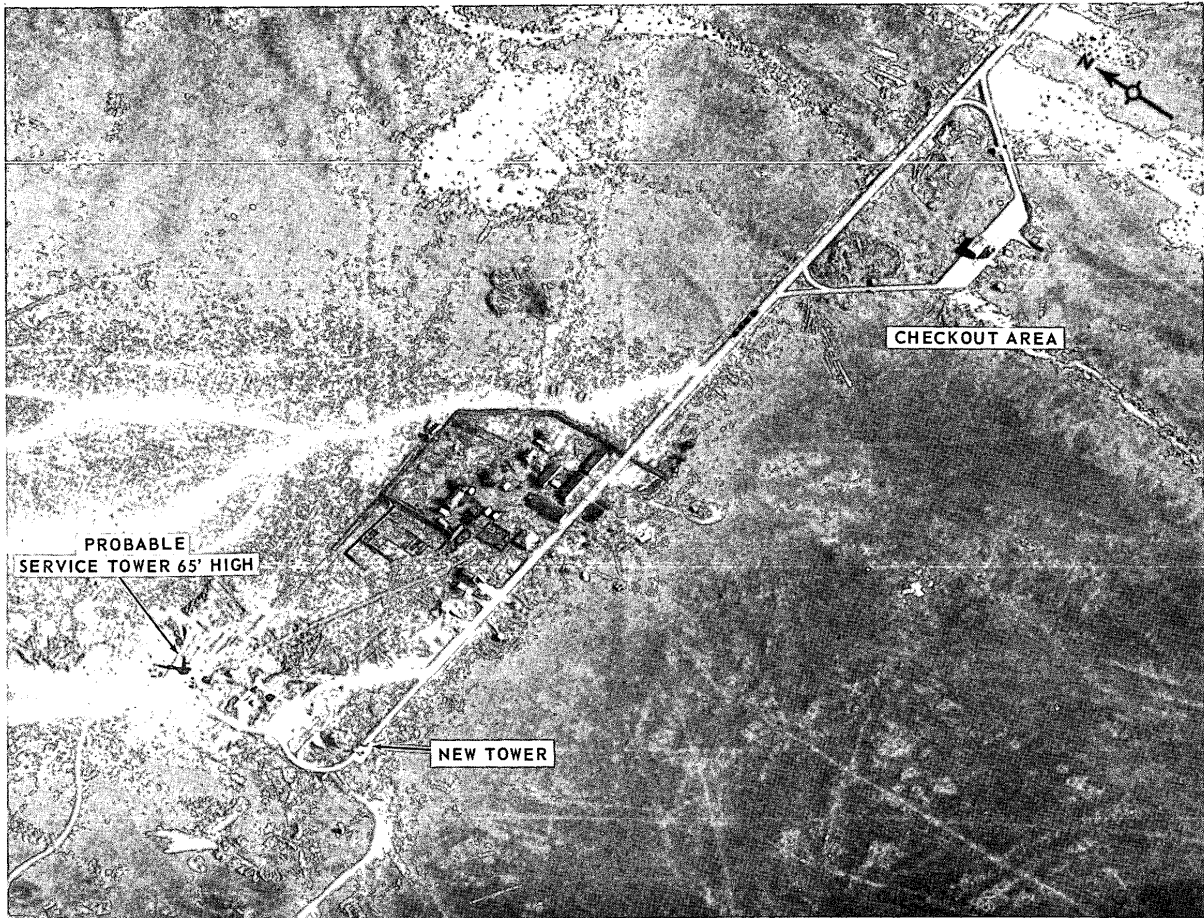
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NPIC L-2197 (10/66)

LAUNCH COMPLEX C, SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA

TOP SECRET

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MISSION 4033, 13-20 OCTOBER 1966

ATTACHMENT 6

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COUNTRY CODES

The following is an alphabetic listing of country codes as compiled from the Bombing Encyclopedia. Locations of targets in this report are indicated by the country code preceding the coordinates.

AD	Aden	GO	Gotland Is.	PK	Pakistan (West)
AF	Afghanistan	GR	Greece	PO	Poland
AG	Algeria	GV	Guinea	PT	Portugal
AL	Albania	GW	West Germany	PU	Portuguese Guinea
AM	Andaman and Nicobar Is.	HK	Hong Kong	QA	Qatar
AN	Andorra	HU	Hungary	RA	Rwanda
AO	Angola	ID	Indonesia	RI	Rio Muni
AU	Austria	IF	Ilni	RK	Ryukyu Is.
AZ	Azores Is.	IL	Iceland	RM	Mali
BA	Bahrain Is.	IN	India	RS	Socotra Is.
BK	Botswana (Bechuanaland)	IQ	Iraq	RU	Rumania
BE	Belgium	IR	Iran	RY	Zambia
BH	Bornholm Is.	IS	Israel	RZ	Rhodesia
BI	Balearic Is.	IT	Italy	SB	San Marino
BJ	Nanpo Shoto	IV	Ivory Coast	SD	Sardinia
BM	Burma	JA	Japan	SE	Seychelles Is.
BO	Sabah (N. Borneo)	JK	Jammu and Kashmir	SF	French Somaliland
BS	Lesotho (Basutoland)	JO	Jordan	SG	Sarawak
BT	Bhutan	KE	Kenya	SI	Sicily
BU	Bulgaria	KN	North Korea	SJ	Society Is.
BW	Berlin, West	KS	South Korea	SK	Senegal
BX	Brunei	KU	Kuwait	SL	Sierra Leone
BY	Burundi	LA	Laos	SM	Somali Republic
CA	Canary Is.	LC	Laccadive Is.	SP	Spain
CB	Cambodia	LE	Lebanon	SR	Saudi Arabia
CD	Central African Republic	LI	Liberia	SS	Spanish Sahara
CE	Ceylon	LS	Liechtenstein	ST	Sao Tome E Principe
CG	Chad	LX	Luxembourg	SU	Sudan
CH	China	LY	Libya	SV	Svalbard
CL	Caroline Is.	MA	Malagasy Republic	SW	Sweden
CM	Cameroon	MC	Macao	SY	Syria
CP	Congo (Brazzaville)	MD	Madeira Is.	SZ	Switzerland
CR	Crete	MF	Malaysia	TA	Tanzania
CT	Corsica	MG	Mongolia	TC	Trucial States
CV	Cape Verde Is.	ML	Malta	TH	Thailand
CX	Congo (Leopoldville)	MN	Monaco	TI	Tibet
CY	Cyprus	MO	Morocco	TK	Turkey
CZ	Czechoslovakia	MR	Mascarene Is.	TM	Portuguese Timor
DA	Dahomey	MT	Mauritania	TO	Togo
DE	Denmark	MV	Maldives Is.	TU	Tunisia
DO	Dodecanese Is.	MZ	Mozambique	TW	Taiwan
EG	Egypt	NE	Netherlands	UA	Republic of South Africa
EP	Pakistan (East)	NI	Nigeria	UG	Uganda
ET	Ethiopia	NK	Niger	UR	USSR
FI	Finland	NO	Norway	UV	Upper Volta
FO	Faeroe Is.	NP	Nepal	VN	North Vietnam
FR	France	NS	Surinam	VS	South Vietnam
GA	Gambia	NW	New Guinea	VT	Vatican City
GC	Gabon	NY	Malawi	WA	Swaziland
GE	East Germany	NZ	New Zealand	YE	Yemen
GH	Ghana	OM	Muscat Oman	YU	Yugoslavia
GI	Gibraltar	PI	Philippines		

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