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NPIC/R-29/62

March 1962

PHOTOGRAPHIC INTERPRETATION REPORT

(OAK FILES)

APPROVED FOR
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OAK-PART III MISSION 9031

27 FEBRUARY - 3 MARCH 1962



ARMY



NAVY



AIR FORCE



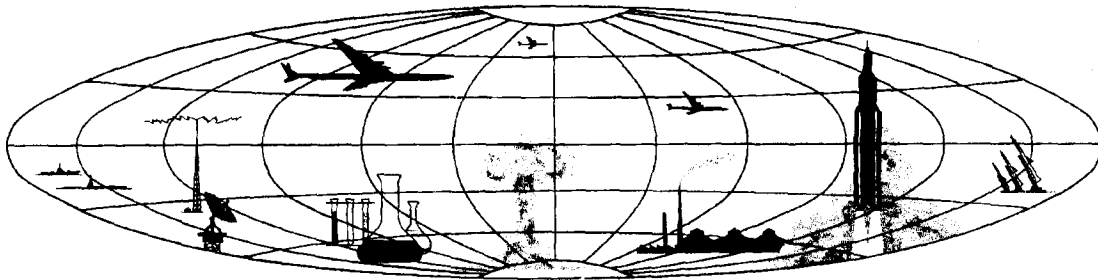
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ERRATUM FOR NPIC/R-29/62

The airfield reported near Nikolayevskoye (NPIC/R-29/62, OAK-Part III, Mission 9031, Aircraft Bonus I, pp 3 and 16) is not a newly identified airfield. It was previously reported in NPIC/MCI-1/62 (Mission Coverage Index, [redacted] as Nikolayevskoye Airfield [redacted]

[redacted] Although the overall length of the runway could not be determined [redacted] the MCI reported that approximately 9,000 feet had been cleared of snow. The overall runway length of 15,300 feet reported in OAK-Part III, Mission 9031 remains valid.

US Air Target Chart, Series 200, Sheet 0199-24A, 1st ed, Sep 59, and Airfields and Seaplane Stations of the World (ASSOTW), Vol 39, Feb 59, report a Nikolayevskoye Airfield [redacted] 2.5 nautical miles northwest of Nikolayevskoye, at 52-21N 116-58E, with an estimated 4,000-foot runway. No airfield is discernible at these coordinates.

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OAK - PART III
MISSION 9031

PREFACE

THIS IS THE THIRD AND LAST DAILY OAK REPORT BASED ON MISSION 9031 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT COVERS THE OAK-REPORTING PERIOD FROM 1430 HOURS, 10 MARCH 1962, TO 1430 HOURS, 11 MARCH 1962. THE REPORT IS DIVIDED INTO THREE SECTIONS -- SECTION 1 DEALING WITH TARGETS OBSERVED, SECTION 2 DEALING WITH TARGETS NOT OBSERVED BECAUSE OF CLOUD COVER, AND SECTION 3 DEALING WITH TARGETS NOT COVERED BY THE PHOTOGRAPHY.

SECTION 1 IS ARRANGED BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY (BONUS TARGETS) OBSERVED DURING THE OAK-REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT FOLLOWING THE LISTING OF COMOR TARGETS.

THE NAMES WHICH APPEAR IN THE HEADERS FOR MRBM SITES ARE THE NAMES WHICH CONFORM WITH TDI CRITERIA (REFERENCE -- NAMING OF SURFACE-TO-SURFACE INSTALLATIONS, J2DM-35-62, 14 FEB 62). NAMES IN PARENTHESES FOLLOWING SUCH HEADERS ARE THE NAMES GIVEN IN THE COMOR REQUIREMENT LIST.

PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. ALL PASSES ARE DESCENDING (NORTH-TO-SOUTH), AS INDICATED BY THE LETTER PREFIX TO THE PASS NUMBER. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN FOR THE BEST FRAME.

ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

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SUMMARYFINAL STATUS OF COMOR TARGET READOUT
(TOTAL NUMBER OF COMOR TARGETS -- 251)

A TOTAL OF 59 COMOR TARGETS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT. THIS REPORT ALSO LISTS 59 COMOR TARGETS WHICH WERE CLOUD COVERED AND 58 COMOR TARGETS WHICH WERE NOT COVERED BY THE PHOTOGRAPHY. THE 176 COMOR TARGETS COVERED IN THIS REPORT, TOGETHER WITH THE 27 COMOR TARGETS REPORTED IN OAK 9031 - PART 1 AND THE 48 COMOR TARGETS REPORTED IN OAK 9031 - PART 2, BRINGS THE TOTAL NUMBER OF COMOR TARGETS ACCOUNTED FOR TO 251.

IT SHOULD BE NOTED THAT THE COMPILATION OF TARGETS NOT COVERED BY THE PHOTOGRAPHY IS BASED ON EXAMINATION OF THE APPROXIMATE TRACK OF MISSION 9031. THE SCAN OF PHOTOGRAPHY FOR THE MISSION COVERAGE INDEX (MCI) MAY RESULT IN A REVISION OF THIS COMPILATION.

SUMMARY OF MISSILE ACTIVITY

THE FOLLOWING IS A COMPILATION OF MISSILE LAUNCH FACILITIES (INCLUDING PROBABLES AND POSSIBLES) OBSERVED TO DATE ON MISSION 9031. THIS COMPILATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY --

TYPE	PART 1	PART 2	PART 3	TOTAL
ICBM LAUNCH AREAS	3	0	2	5
MRBM LAUNCH SITES	1	10	3	14
SA-2 SAM SITES	0	0	1	1
SA-3 SAM SITES	0	1	0	1

IN ADDITION TO THE READOUT OF COMOR TARGETS, AN INITIAL SCAN WAS MADE DURING THE OAK EXERCISE OF ALL PASSES COVERING THE 5-DEGREE BAND FROM 55 DEGREES NORTH LATITUDE TO 60 DEGREES NORTH LATITUDE FOR SSM ACTIVITY.

HIGHLIGHTS

THE FOLLOWING ITEMS OF SPECIAL INTEREST ARE CONTAINED IN THIS REPORT --

NEWLY IDENTIFIED ICBM LAUNCH COMPLEX AT TEYKOVO (MISSILE BONUS 1).

SUSPECT ICBM LAUNCH COMPLEX UNDER CONSTRUCTION NE OF OMSK

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[REDACTED]

[REDACTED]

ASANOVSHCHINA (OSTROV) MRBM LAUNCH SITE NO 1 CONFIRMED

[REDACTED]

FORMER YELSK MRBM LAUNCH SITE NO 2 NOW CONSIDERED YELSK COMPLEX SUPPORT AREA. NEWLY CONFIRMED YELSK MRBM LAUNCH SITE NO 2 5.8 NM ESE OF YELSK [REDACTED]

[REDACTED]

BORZYA AIRFIELD, 5 NM WNW OF BORZYA, HAS AN 11,000-FOOT E/W RUNWAY AND A PROBABLE 9,000-FOOT ENE/WSW RUNWAY [REDACTED]

KHADA BULAK AIRFIELD, 7 NM NW OF KHADA BULAK, HAS AN 8,900-FOOT NW/SE RUNWAY AND A 6,400-FOOT E/W RUNWAY (AIRCRAFT BONUS 2).

SECTION 1. TARGETS OBSERVED

MISSILES

[REDACTED] 6703N 06524E POLYARNYY URAL SUSPECT ICBM AREA

ONLY EASTERN HALF OF AREA COVERED. HEAVY CLOUDS AND HAZE OVER 80 PERCENT OF AREA COVERED PRECLUDE CONFIRMATION OR DENIAL OF MISSILE ACTIVITY.

[REDACTED]

[REDACTED] 5920N 03828E CHEREPOVETS SUSPECT ICBM AREA

FUNCTION OF UNIDENTIFIED INSTALLATION CANNOT BE DETERMINED. THIS INSTALLATION HAS NO SIMILARITY TO KNOWN ICBM COMPLEXES LOCATED IN USSR. NO ICBM-RELATED ACTIVITY WAS IDENTIFIED IN THE VICINITY OF CHEREPOVETS.

[REDACTED]

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[REDACTED] 5914N 04929E YURYA ICBM LAUNCH COMPLEX

LAUNCH AREAS B, C AND D ARE VISIBLE. LAUNCH AREA A IS NOT IDENTIFIABLE DUE TO HAZE AND SNOW. COMPLEX SUPPORT FACILITY IDENTIFIABLE.

PREVIOUSLY UNIDENTIFIED AREA WEST OF COMPLEX SUPPORT FACILITY IS VISIBLE AND IS NOT A LAUNCH AREA. HOWEVER, FUNCTION CANNOT BE DETERMINED AT THIS TIME.

THE MAIN ROAD SERVING LAUNCH AREAS C AND D EXTENDS NORTH PAST LAUNCH AREA D TO AN AREA OF UNIDENTIFIED ACTIVITY. NO MAJOR CHANGES ARE APPARENT IN THIS AREA SINCE [REDACTED] DEC 61, AND NO LAUNCH AREA PATTERN IS IDENTIFIABLE AT THIS DATE. HAZE PRECLUDES FURTHER INTERPRETATION.

LAUNCH AREA B [REDACTED]
 LAUNCH AREA C [REDACTED]
 LAUNCH AREA D [REDACTED]
 COMPLEX SUPPORT FACILITY [REDACTED]

[REDACTED] HAZE, SCATTERED CLOUDS, POOR QUALITY

[REDACTED] 6432N 04032E ARKHANGELSK SUSPECT ICBM AREA

NO EVIDENCE OF ICBM DEPLOYMENT WAS FOUND WITHIN A 25 NM RADIUS OF ARKHANGELSK. CLOUDS AND HAZE LIMIT INTERPRETATION.

[REDACTED] 5434N 05556E UFA SUSPECT ICBM AREA

ONLY A SMALL PORTION OF AREA COVERED. NO MISSILE ACTIVITY OBSERVED.

[REDACTED] 5203N 11330E CHITA SUSPECT ICBM AREA

NO MISSILE OR UNUSUAL ACTIVITY OBSERVED WITHIN 25 NM RADIUS OF CHITA. HOWEVER, POSSIBLE MISSILE RELATED FACILITIES, POSSIBLY ASSOCIATED WITH THE KAPUSTIN YAR 2,500 NM IMPACT AREA, WERE OBSERVED 52 NM NORTH OF CHITA

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4830N 13506E KHABAROVSK SUSPECT ICBM AREA

AN UNIDENTIFIED ROAD-SERVED INSTALLATION, POSSIBLY MISSILE RELATED, IS LOCATED 23 NM ENE OF KHARBAROVSK AND 13.5 NM NE OF KHARBAROVSK BLAGODATNOYE AIRFIELD AT 48-35N 135-37E.

NO LAUNCH PADS OR DEFINITE MISSILE FACILITIES CAN BE IDENTIFIED. HOWEVER, THE GENERAL PATTERN AND LAYOUT OF THIS INSTALLATION IS SUGGESTIVE OF POSSIBLE MRBM ACTIVITY. NO ICBM ACTIVITY OBSERVED WITHIN A 25 NM RADIUS OF KHABAROVSK.

5750N 04122E KOSTROMA ICBM LAUNCH COMPLEX

THE STATUS OF THE COMPLEX AS SEEN ON MISSION 9031 [REDACTED] IS AS FOLLOWS --

LAUNCH AREA A -- APPROXIMATELY 6 BUILDINGS IN THE PAD AREA. ONE OF THESE IS THE MISSILE READY BUILDING FOR THE EAST PAD. THE OTHER 5 ARE SMALL BUILDINGS, 3 ALONG THE CENTER ROAD AND 2 ALONG THE EAST SIDE. LAUNCH SUPPORT APPEARS UNCHANGED.

LAUNCH AREA B -- THERE ARE APPROXIMATELY 6 BUILDINGS IN THE PAD AREA WHICH WERE NOT SEEN [REDACTED] DEC 61. ONE IS THE MISSILE READY BUILDING FOR THE WEST PAD. THE OTHER 5 ARE SMALL BUILDINGS, 3 ALONG THE CENTER ROAD, AND 2 ALONG THE WEST SIDE. THE LAUNCH SUPPORT AREA APPEARS UNCHANGED.

PROBABLE LAUNCH AREA C -- GROUND SCARRING HAS INCREASED APPROXIMATELY 100 PERCENT. THERE ARE ABOUT 12 BUILDINGS IN THE AREA, 3 OF WHICH WERE SEEN [REDACTED]

A NEW GROUND SCAR NOT PRESENT [REDACTED] PROBABLY A ROAD CONSTRUCTION, IS APPARENT LEADING WEST FROM THE ACCESS ROAD TO LAUNCH AREA B. THIS SCAR IS ABOUT ONE NM NORTH OF THE JUNCTION OF THE ACCESS ROAD WITH THE MAIN ROAD. THE SCAR INTERSECTS THE ACCESS ROAD AT APPROXIMATELY A 90-DEGREE ANGLE AND RUNS WEST INTO THE WOODS FOR APPROXIMATELY .5 NM. NO ACTIVITY IS APPARENT AT THE END OF THE SCAR. COORDINATES AT END OF THE SCAR ARE 57-58N 041-14E. [REDACTED]

COMPLEX SUPPORT FACILITY -- NO APPARENT CHANGE IN THIS FACILITY, LOCATED ON THE OUTSKIRTS OF KOSTROMA AT 57-46-35N 041-00-50E. [REDACTED]

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[REDACTED]

PROBABLE TRANSFER POINT -- NEW EARTH SCARS NORTH OF THE BUILDING AREA (57-51-10N 044-15-15E). NO NEW BUILDINGS ARE APPARENT [REDACTED]

[REDACTED]

[REDACTED] 6052N 06005E POLUNOCHNOYE SUSPECT ICBM AREA

NO MISSILE ACTIVITY OBSERVED WITHIN A 35 NM RADIUS OF POLUNOCHNOYE.

[REDACTED]

[REDACTED] 7158N 10230E KHATANGA SUSPECT ICBM AREA

NO ICBM OR OTHER MISSILE RELATED ACTIVITY OBSERVED WITHIN A 100 NM RADIUS OF KHATANGA.

[REDACTED]

[REDACTED] 5649N 06230E YELANSKIY SUSPECT ICBM AREA

AN AREA WITHIN A RADIUS OF 50 NM CENTERED ON THE ABOVE COORDINATES WAS SEARCHED FOR ICBM SITES. NO ACTIVITY WAS OBSERVED WHICH COULD BE ASSOCIATED WITH ICBM.

[REDACTED]

[REDACTED] 5337N 05557E STERLITAMAK SUSPECT ICBM AREA

ONLY WESTERN HALF OF 25 NM RADIUS COVERED. CLOUDS AND SNOW LIMIT INTERPRETATION. NO MISSILE ACTIVITY OBSERVED IN VISIBLE PORTIONS.

[REDACTED]

[REDACTED] 5605N 06338E SHADRINSK ICBM LAUNCH COMPLEX

NO SIGNIFICANT CHANGES APPARENT SINCE [REDACTED] DEC 61. THE ROAD FROM THE SUPPORT FACILITY TO THE TRANSFER POINT IS CLEARED OF SNOW. THE PATTERN OF THE LAUNCH AREAS STILL CANNOT BE FIRMLY DETERMINED. THERE APPEARS TO BE ADDITIONAL GROUND SCARRING IN THE VICINITY OF LAUNCH AREA A AND 2 POSSIBLE BUILDINGS NEAR THESE SCARS.

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LAUNCH AREA A [REDACTED]
 LAUNCH AREA B [REDACTED]
 COMPLEX SUPPORT FACILITY - [REDACTED]
 TRANSFER POINT - [REDACTED]

[REDACTED] CLEAR, SNOW COVER

[REDACTED] 5504N 07334E OMSK SUSPECT ICBM LAUNCH COMPLEX UNDER CONSTRUCTION

THE PREVIOUSLY REPORTED UNIDENTIFIED CONSTRUCTION PROJECT NE OF OMSK IS A SUSPECT ICBM COMPLEX IN AN EARLY STAGE OF CONSTRUCTION. LAUNCH AREAS CANNOT BE LOCATED AT THIS TIME. HOWEVER, THE RAIL AND ROAD NETWORKS RESEMBLE THOSE AT KNOWN ICBM COMPLEX SUPPORT FACILITIES AND TRANSFER POINTS.

[REDACTED] DEC 61, REVEALED A NEW RAIL LINE AND ROAD (NEW SINCE 1957 TALENT COVERAGE AND NOT SHOWN ON USATC 163-10A, MAY 59) FROM OMSK TO THIS COMPLEX. A BRANCH OF THE RAIL LINE SERVES THE SUPPORT FACILITY [REDACTED] LOCATED APPROXIMATELY 3 NM NE OF OMSK AT 55-03N 073-30E. A SPUR ENTERS THE SUPPORT FACILITY AND TERMINATES IN 3 SPURS, ONE WITH A DOUBLE END SIDING. SEVERAL UNIDENTIFIED STRUCTURES HAVE BEEN CONSTRUCTED WITHIN THIS FACILITY [REDACTED]

[REDACTED] BOTH THE RAIL-SERVED SUPPORT FACILITY AND AN ADJACENT HOUSING/SUPPORT AREA WHICH CONTAINS APPROXIMATELY 30 BUILDINGS (20 PRESENT [REDACTED]) APPEAR TO BE SECURED AND ARE SERVED BY THE ROAD FROM OMSK.

THE RAIL LINE PARALLELS THE ROAD FOR APPROXIMATELY 5.5 NM TO A POINT WHERE THE RAIL LINE BRANCHES SLIGHTLY AWAY FROM THE ROAD AND THEN AGAIN PARALLELS IT FOR APPROXIMATELY 4,000 FT WHERE THE RAIL TERMINATES [REDACTED] THERE ARE NO STRUCTURES AT THE TERMINUS. THE ROAD CONTINUES NORTHWARD THROUGH SCATTERED WOODS FOR APPROXIMATELY 5.5 NM WHERE IT FORKS TO THE NE AND WEST. THE NE FORK TERMINATES AS A HEART-SHAPED LOOP ROAD CONTAINING A PROBABLE BUILDING [REDACTED] THIS SECTION OF THE ROAD AND THE PROBABLE BUILDING ARE NEW [REDACTED] THE ROAD IS A WELL-ENGINEERED RIGHT-OF-WAY AND APPEARS TO BE STILL UNDER CONSTRUCTION. NUMEROUS CONSTRUCTION SCARS ARE APPARENT ON BOTH SIDES OF THE ROAD. THE WEST FORK CONTINUES FOR ABOUT ONE NM WHERE IT TERMINATES IN A WOODED AREA [REDACTED]

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SIMILAR IN SIZE AND CONFIGURATION TO THE REGIONAL MILITARY STORAGE AREA AT SUROVATIKA.

5613N 08755E MARIINSK U/I CONSTRUCTION PROJECT

HAZE AND SNOW COVER OVER CONSTRUCTION ACTIVITY PRECLUDE A DETAILED ANALYSIS. HOWEVER, A REANALYSIS OF THIS AREA ON MISSION [REDACTED] INDICATES THAT THIS IS PROBABLE MINING ACTIVITY. A RAIL SIDING SERVES THE INSTALLATION.

6401N 03406E VERKHNIY IDEL U/I COMPLEX

/ NO APPARENT MISSILE-ASSOCIATED ACTIVITY.

5224N 11700E NIKOLAYEVSKOYE SUSPECT MISSILE AREA

NO MISSILE ACTIVITY OBSERVED WITHIN A 25 NM RADIUS OF NIKOLAYEVSKOYE.

5309N 02914E BOBRUYSK SUSPECT MRBM AREA

NO MISSILE OR UNUSUAL ACTIVITY OBSERVED WITHIN 25 NM RADIUS OF BOBRUYSK. HOWEVER, HAZE SEVERLY LIMITS INTERPRETATION.

6710N 03225E KANDALAKSHA SUSPECT MRBM AREA

NO MISSILE ACTIVITY OBSERVED WITHIN A 25 NM RADIUS OF KANDALAKSHA.

5924N 02444E TALLINN SUSPECT MRBM AREA

NO MRBM SITES OBSERVED WITHIN A 25-NM RADIUS OF TALLINN.

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[] 5310N 02428E VOLKOVYSK SUSPECT MRBM AREA

NO MISSILE OR UNUSUAL ACTIVITY OBSERVED WITHIN 25 NM RADIUS OF VOLKOVYSK.

[]

[] 4457N 03406E SIMFEROPOL SUSPECT MRBM AREA

CITY VISIBLE THROUGH HOLE IN OVERCAST. REMAINDER OF 25 NM AREA CLOUD-COVERED.

[]

1806Z 5444N 02205E GUSEV MRBM LAUNCH SITE NO 2
(GUSEV MRBM LAUNCH AREA 2)

READY BUILDINGS LOCATED TO THE EAST OF EACH PREVIOUSLY IDENTIFIED LAUNCH PAD.

[]

[] 5441N 02206E GUSEV MRBM LAUNCH SITE NO 1
(GUSEV MRBM LAUNCH AREA 1)

READY BUILDINGS LOCATED TO THE EAST OF EACH PREVIOUSLY IDENTIFIED LAUNCH PAD.

[]

[] 5142N 02912E YELSK MRBM LAUNCH SITE NO 1
(YELSK MRBM LAUNCH AREA 1)

NO APPARENT CHANGE SINCE [] JUN 61.

[]

[] 5146N 02917E YELSK MRBM LAUNCH SITE NO 2
(YELSK MRBM LAUNCH AREA 2)

AREA FORMERLY REFERRED TO AS SITE NO 2 IS NOW CONSIDERED THE YELSK COMPLEX SUPPORT AREA. IT RESEMBLES SUPPORT AREAS IDENTIFIED ELSEWHERE. A NEW 4 PAD RECTANGULAR SITE, NOW CONFIRMED AS YELSK NO 2, LIES 5.8 NM ESE OF YELSK AND 5.8 NM ENE OF LAUNCH SITE NO 1, AT 5146-50N 029-17-50E.

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4840N 02449E NOVA VES MRBM LAUNCH SITE NO 1
(NADVORNAYA MRBM LAUNCH AREA 2)

IDENTIFICATION ONLY. SCATTERED CLOUDS AND SNOW COVER PRECLUDE
 INTERPRETATION.

5225N 03040E BORKHOV MRBM LAUNCH SITE NO 2
(GOMEL MRBM LAUNCH AREA 2)

NO APPARENT CHANGE

5219N 03041E BORKHOV MRBM LAUNCH SITE NO 1
(GOMEL MRBM LAUNCH AREA 1)

NO APPARENT CHANGE SINCE MISSION 9017, JUN 61.

4854N 03028E MOLODETSKOYE MRBM LAUNCH SITE NO 1
(DOBROVODY LAUNCH AREA 1)

NO APPARENT CHANGE SINCE AUG-SEP 61. SITE SUPPORT
 FACILITIES IMMEDIATELY TO THE SE. ROAD NET IS CLEARLY VISIBLE.

5759N 02606E TORVA MRBM LAUNCH SITE NO 2
(TORVA MRBM LAUNCH AREA 2)

SITE PARTIALLY CLOUD COVERED. NO APPARENT CHANGE IN VISIBLE
 PORTIONS.

5823N 02643E TARTU SUSPECT MRBM AREA

NO MISSILE OR UNUSUAL ACTIVITY OBSERVED WITHIN 25 NM RADIUS OF
 TARTU. SNOW COVER AND HAZE LIMIT INTERPRETATION.

5731N 02813E ASANOVSHCHINA MRBM LAUNCH SITE NO 1

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(OSTROV MRBM LAUNCH AREA)

THIS CONFIRMED IRREGULAR MRBM LAUNCH SITE IS LOCATED 12 NM NNW OF OSTROV AND 5 NM WNW OF ASANOVSHCHINA. HOWEVER, NO DIRECT ROAD CONNECTION IS EVIDENT. FOR MATCHING LAUNCH AREA SEE SHEVELO MRBM LAUNCH SITE NO 1 (BONUS 2 UNDER MISSILES).

[REDACTED]

[REDACTED] 5725N 02650E RUSKI NO 1 MRBM LAUNCH SITE NO 1
(ALUKSNE MRBM LAUNCH AREA)

SITE ONLY PARTIALLY VISIBLE. NO MATCHING MRBM SITE IDENTIFIED.

[REDACTED]

[REDACTED] 5316N 02745E GRESK MRBM LAUNCH SITE NO 2
(GRESK MRBM LAUNCH AREA 2)

NO APPARENT CHANGE SINCE [REDACTED] DEC 61.

[REDACTED]

[REDACTED] 5523N 02843E POLOTSK MRBM LAUNCH SITE NO 1
(POLOTSK MRBM LAUNCH AREA 1)

INLINE MRBM LAUNCH SITE LOCATED IN A WOODED AREA 7 NM SSE OF POLOTSK AT 55-23-00N 028-43-00E CONSISTS OF FOUR PADS, EACH WITH A READY BUILDING, WITH HOUSING AND SUPPORT LOCATED IMMEDIATELY TO THE NE OF THE PADS. CONSTRUCTION APPEARS COMPLETE.

[REDACTED]

[REDACTED] 5525N 02834E POLOTSK MRBM LAUNCH SITE NO 2
(POLOTSK MRBM LAUNCH AREA 2)

INLINE-TYPE LAUNCH SITE, WHICH APPEARS COMPLETE, IS LOCATED IN A WOODED AREA 8 NM SW OF POLOTSK AT 55-25-10N 028-34-30E. SITE CONSISTS OF FOUR LAUNCH PADS WITH ASSOCIATED READY BUILDINGS AND SUPPORT FACILITIES.

[REDACTED]

[REDACTED] 5749N 02651E VORU MRBM LAUNCH SITE NO 2
(VORU MRBM LAUNCH AREA 2)

SITE IS PARTIALLY CLOUD COVERED. NO CHANGES IN VISIBLE PORTIONS.

[REDACTED]

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[REDACTED] 5746N 02647E VORU MRBM LAUNCH SITE NO 1
(VORU MRBM LAUNCH AREA 1)

SITE IS PARTIALLY CLOUD COVERED. NO CHANGES IN VISIBLE PORTIONS.

[REDACTED]

[REDACTED] 5209N 02607E PINSK SUSPECT MRBM AREA

NO MISSILE OR UNUSUAL ACTIVITY OBSERVED IN VISIBLE PORTIONS.

[REDACTED]

[REDACTED] 5341N 02350E GRODNO SUSPECT MRBM AREA

SEARCH FOR SUSPECT MRBM SITES WAS MADE WITH NEGATIVE RESULTS. NO MISSILE OR UNUSUAL ACTIVITY OBSERVED.

[REDACTED]

[REDACTED] 5535N 02816E DISNA MRBM LAUNCH SITE NO 1
(DISNA MRBM LAUNCH AREA 1)

LAUNCH SITE APPEARS COMPLETE. NO APPARENT CHANGES SINCE [REDACTED]
DEC 61.

[REDACTED]

[REDACTED] 5908N 02627E SIMUNA MRBM LAUNCH SITE NO 1
(RAKVERE MRBM LAUNCH AREA 1)

NO APPARENT CHANGE SINCE [REDACTED] SEP 61.

[REDACTED]

[REDACTED] 5912N 02620E VAIKE MAARJA MRBM LAUNCH SITE NO 1
(RAKVERE MRBM LAUNCH AREA 1)

IDENTIFICATION ONLY. CLOUDS PRECLUDE INTERPRETATION.

[REDACTED]

[REDACTED] 5315N 02743E GRESK MRBM LAUNCH SITE NO 1
(GRESK MRBM LAUNCH AREA 1)

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NO APPARENT CHANGE SINCE [] DEC 61.

[]

5537N 02826E ZELKI MRBM LAUNCH SITE NO 2
(DISNA MRBM LAUNCH AREA 2)LAUNCH SITE APPEARS COMPLETE. NO APPARENT CHANGES SINCE []
DEC 61.

[]

5440N 02108E GVARDEYSK MRBM LAUNCH SITE NO 1 (NEGATED)
(GVARDEYSK MRBM LAUNCH AREA 1)STEREO-STUDY OF THIS SITE ON MISSION 9031 FAILS TO CONFIRM THIS AS
AN MRBM LAUNCH SITE. NO PADS ARE PRESENT, AND THE TERRAIN IS NOT
SUITABLE FOR CONSTRUCTION OF A FOUR-PAD SITE. THIS IS CONSIDERED
NOT TO BE AN MRBM LAUNCH SITE. NOTHING HAS BEEN ADDED TO THE AREA
SINCE [] AUG-SEP 61.

[]

5521N 02652E KOZYANY MRBM LAUNCH SITE
(KOZYANY MRBM LAUNCH AREA)CONSTRUCTION APPEARS COMPLETE. ROAD CONNECTS SITE TO POSTAVY MRBM
SUPPORT AREA. NO MATCHING SITE IN IMMEDIATE VICINITY.

[]

5510N 02655E POSTAVY MRBM LAUNCH SITE
(POSTAVY MRBM LAUNCH AREA)NO APPARENT CHANGE SINCE [] DEC 61. NO MATCHING SITE
IDENTIFIED. HOWEVER, KOZYANY MRBM LAUNCH SITE IS 11.1 NM NNW OF THE
POSTAVY LAUNCH SITE.

[]

5215N 02838E KONKOVICHI MRBM LAUNCH SITE NO 1
(KURITICHI PROB MRBM LAUNCH AREA)

IDENTIFICATION ONLY. HAZE PRECLUDES INTERPRETATION.

[]

5650N 05311E IZHEVSK ARMS & MCH EQUIP PLT 71 & 74

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NO TEST STANDS, NEW CONSTRUCTION OR VERTICAL CHECKOUT BUILDINGS OBSERVED WITHIN 25 NM RADIUS OF IZHEVSK.

4947N 03001E BELAYA TSEKOV SUSPECT MRBM AREA

NO MISSILE OR UNUSUAL ACTIVITY OBSERVED WITHIN 25 NM RADIUS OF BELAYA TSEKOV.

5009N 02907E ZHITOMIR PROBABLE MRBM SUPPORT AREA

ZHITOMIR COMPLEX NOT COVERED, BUT AREA UP TO WITHIN APPROXIMATELY 10 NM EAST OF ZHITOMIR SEARCHED. MRBM SUPPORT INSTALLATION NOT OBSERVED.

5818N 03031E MEDVED SUSPECT MRBM AREA

IDENTIFICATION ONLY. CLOUDS PRECLUDE DETAILED INTERPRETATION.

4721N 06520E LAKE CHUBAR TENGIZ AREA FIELD LAUNCH POINT

FIELD LAUNCH POINT BARELY DISCERNIBLE THROUGH HEAVY HAZE. NO OTHER MISSILE ACTIVITY OBSERVED. HAZE PRECLUDES DETAILED INTERPRETATION.

6829N 03321E MURMANSK SUSPECT ICBM AREA

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

4007N 12422E AN-TUNG -- SAN-TAO-KOU RAIL SEARCH (CHINA)

AN AREA 50 NM WIDE ON THE CHINESE SIDE OF THE CHINA-KOREAN BORDER WAS SEARCHED FROM AN-TUNG (40-07N 124-22N) TO THE EDGE OF PHOTO COVERAGE AT APPROXIMATELY 41-22N 126-28E. NO MISSILE-ASSOCIATED ACTIVITY WAS OBSERVED. ONLY A FEW SMALL BARRACKS-TYPE MILITARY AREAS WERE OBSERVED, PRIMARILY IN THE AN-TUNG AREA. THE NUMBER AND TYPE OF AIRCRAFT OBSERVED WERE AS FOLLOWS -- AN-TUNG AIRFIELD - ONE POSSIBLE TRANSPORT-TYPE AIRCRAFT AT 40-01N 124-17E, AND UIJU

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AIRFIELD, 40-09N 124-30E, 2 POSSIBLE FIGHTER-TYPE AIRCRAFT.

BONUS 1. 5654N 04035E TEYKOVO ICBM LAUNCH COMPLEX -- NEWLY IDENTIFIED

A NEW ICBM LAUNCH COMPLEX HAS BEEN IDENTIFIED NEAR TEYKOVO. THE COMPLEX CONSISTS OF A SUPPORT FACILITY (56-52N 040-35E), A TRANSFER POINT (56-54N 040-35E), AND TWO LAUNCH AREAS. THE COMPLEX SUPPORT FACILITY APPEARS COMPLETE. THE TRANSFER POINT AND LAUNCH AREA A (56-55N 040-30E) ARE IN LATE STAGE OF CONSTRUCTION. LAUNCH AREA B (56-56N 040-34E) APPEARS TO BE IN AN EARLY STAGE OF CONSTRUCTION.

REEXAMINATION OF PREVIOUS COVERAGE INDICATES THAT THE COMPLEX SUPPORT FACILITY APPEARED ON [REDACTED] (AUG-SEP 61), [REDACTED] ADJOINING AREAS WERE CLOUD COVERED. ON [REDACTED] (DEC 61), [REDACTED] THE SUPPORT FACILITY, TRANSFER POINT, LAUNCH AREA A AND THE ROAD TO LAUNCH AREA B WERE VISIBLE. CONSTRUCTION PROGRESS IS NOTICEABLE FROM [REDACTED] THE PATTERN FOR LAUNCH AREA B BECAME APPARENT IN THIS 3-MONTH INTERVAL.

TEYKOVO IS APPROXIMATELY 60 NM SSW OF KOSTROMA AND APPROXIMATELY 17 NM WSW OF IVANOVO.

LAUNCH AREA A - [REDACTED]

LAUNCH AREA B - [REDACTED]

SUPPORT AREA - [REDACTED]

TRANSFER POINT - [REDACTED]

BONUS 2. SHEVELO MRBM LAUNCH SITE NO 1 -- NEWLY IDENTIFIED

RECTANGULAR LAUNCH SITE 5.5 NM NORTH OF ASANOVSHCHINA LAUNCH SITE NO 1. IT APPEARS COMPLETE AND IS SERVED BY GOOD ROADS LEADING SOUTH 18 NM TO OSTROV. THE SMALL VILLAGE OF SHEVELO CAN BE REACHED INDIRECTLY BY ROAD VIA A FERRY OR BRIDGE ACROSS THE VELIKAYA RIVER.

BONUS 3. 5904N 02403E RISTA MRBM SITE -- NEWLY IDENTIFIED

RECTANGULAR MRBM SITE 4.2 NM NORTH OF RISTA, AT 59-04-00N 024-03-00E.

BONUS 4. 5455N 07301E OMSK SAM SITE -- NEWLY IDENTIFIED

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COMPLETED SA-2 SAM LAUNCH SITE 13 NM WSW OF OMSK AT 54-55-10N
 072-01-30E.

AIRCRAFT

[REDACTED] 5023N 11627E BORZYA AIRFIELD

APPROXIMATELY 5 NM WNW OF BORZYA AT 50-24N 116-22E. RUNWAY PATTERN
 CONSISTS OF ONE RUNWAY APPROXIMATELY 11,000 FT LONG AND 235 FT WIDE,
 ORIENTED E/W, AND ONE PROBABLE RUNWAY APPROXIMATELY 9,000 FT IN
 LENGTH, ORIENTED ENE/WSW. [REDACTED]
 [REDACTED] SNOW COVER AND SMALL SCALE PRECLUDE POSITIVE
 IDENTIFICATION OF AIRCRAFT.

BONUS 1. 5220N 11650E NIKOLAYEVSKOYE AREA, NEW AIRFIELD

15,300 FT NW/SE RUNWAY. EXTENSIVE RAIL-SERVED SUPPORT FACILITIES
 EAST OF THE RUNWAY. [REDACTED] PROBABLE
 AIRCRAFT PARKED BETWEEN RUNWAY AND SUPPORT FACILITIES CANNOT BE
 IDENTIFIED AS TO NUMBER AND TYPE.

BONUS 2. 5045N 11615E KHADA BULAK STATION NORTH

APPROXIMATELY 7 NM NW OF KHADA BULAK. LISTED IN ASSOTW, VOL 39, DEC
 58, AS SOD LANDING AREA. PRESENT STATUS IS AS FOLLOWS -- MAIN
 RUNWAY NW/SE APPROXIMATELY 8,900 X 240 FT. SECONDARY RUNWAY 6,400 X
 190 FT E/W BEGINNING JUST EAST OF SE END OF MAIN RUNWAY. THE TWO
 RUNWAYS ARE CONNECTED BY A TAXIWAY. PARKING APRON LOCATED WEST OF
 THE TWO RUNWAYS AND CONNECTED BY TAXIWAYS ON EITHER END. SUPPORT
 AREA LOCATED APPROXIMATELY 6,000 FT WEST OF PARKING APRON. LARGE
 FACILITY LOCATED ACROSS THE RAILROAD AND HIGHWAY TO THE SW IS
 PROBABLY ASSOCIATED WITH THE AIRFIELD. TWO PROBABLE BUILDINGS
 1,760 X 80 FT, APPROXIMATELY 4 NM SOUTH OF AND CONNECTED BY ROAD TO
 THE LARGE FACILITY.

SECTION 2. TARGETS NOT OBSERVED BECAUSE OF CLOUD COVER

[REDACTED] 5634N 04803E YOSHKAR-OLA ICBM LAUNCH COMPLEX
 5006N 04524E KAMYSHIN SUSPECT ICBM AREA
 5747N 10805E KIRENSK SUSPECT ICBM AREA
 5658N 08533E ITATKA ICBM LAUNCH COMPLEX

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6750N 17848W	TULTIN SUSPECT MRBM AREA
4837N 02218E	UZHGOROD/PERECHIN SUSPECT MRBM AREA
4819N 02231E	BEREGOVO MRBM LAUNCH SITE NO 2 (MUKACHEVO MRBM LAUNCH AREA 1)
4932N 02250E	KHYROV/SAMBOR SUSPECT MRBM AREA
4958N 02310E	KRAKOVETS/YAVOROV SUSPECT MRBM AREA
4851N 02643E	KAMENETS-PODOLSKIY MRBM LAUNCH SITE NO 1 (DUNAYEVTSY MRBM LAUNCH AREA)
4856N 02930E	GRANOV MRBM LAUNCH SITE (GRANOV MRBM LAUNCH AREA)
4835N 02436E	NADVORNAYA SUSPECT MRBM AREA
4512N 03322E	YEVPARATORIYA SUSPECT MRBM AREA
5020N 02631E	OSTROG/PLUZHNOYE AREA SUSPECT MRBM AREA
5045N 02559E	KLEVEN SUSPECT MRBM AREA
5120N 02636E	SARNY/KLESOV SUSPECT MRBM AREA
5011N 02704E	SHEPETOVKA SUSPECT MRBM AREA
5052N 02819E	KOROSTEN MRBM LAUNCH SITE (KOROSTEN MRBM LAUNCH AREA)
4839N 02442E	PARYSHCHE MRBM LAUNCH SITE NO 1 (NADVORNAYA MRBM LAUNCH AREA 1)
4820N 02238E	BEREGOVO MRBM LAUNCH SITE NO 3 (MUKACHEVO MRBM LAUNCH AREA 2)
5433N 02657E	KURENETS SUSPECT MRBM AREA
5658N 02159E	KULDIGA SUSPECT MRBM AREA
5140N 03911E	VORONEZH SUSPECT MRBM AREA
5010N 02816E	ZHITOMIR MRBM LAUNCH SITE (GODYKHA MRBM LAUNCH AREA)
5119N 02811E	OLEVSK MRBM LAUNCH SITE NO 2 (USOVO MRBM LAUNCH AREA 2)
5037N 02615E	ROVNO SUSPECT MRBM AREA
5037N 02710E	KORETS SUSPECT MRBM AREA
5432N 02617E	SMORGON MRBM LAUNCH SITE NO 1 (SOLY MRBM LAUNCH AREA)
5231N 02409E	PRUZHANY MRBM LAUNCH SITE NO 1 (PRUZHANY MRBM LAUNCH AREA 1)
5916N 02558E	TAPA SUSPECT MISSILE AREA
4835N 04545E	KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER
5749N 16204E	UKA/PESCHANYIY SUSPECT MISSILE AREA
4825N 03459E	DNEPROPETROVSK MOTOR VEHICLE PLANT 3 (DAZ)
4838N 03515E	NOVOMOSKOVSK POSSIBLE MISSILE TEST AREA
5510N 05938E	ZLATOUST ARMAMENTS PLANT 66
4251N 13121E	SLAVYANKA SUSPECT MRBM AREA
3855N 12139E	DAIREN SUSPECT MISSILE AREA (CHINA)
5538N 03418E	NOVO DUGINO SUSPECT MISSILE AREA
2710N 12024E	SHA-CHENG-CHIANG SUSPECT MISSILE AREA (CHINA)
2639N 11941E	SAN-TU-TAO SUSPECT MISSILE AREA (CHINA)
5113N 02443E	KOVEL SUSPECT MISSILE AREA
4817N 02233E	MUKACHEVO MISSILE SUPPORT AREA
3847N 12114E	LU-SHUN SUBMARINE BASE (CHINA)

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4354N 13530E VLADIMIR SUBMARINE BASE
 5502N 08256E NOVOSIBIRSK SUSPECT ABM AREA
 5311N 05007E KUYBYSHEV SUSPECT ABM AREA
 5548N 04905E KAZAN SUSPECT ABM AREA
 5032N 07912E DOLON AIRFIELD
 5110N 12826E UKRAINA AIRFIELD
 2628N 11252E LEI YANG AIRFIELD (CHINA)
 3417N 10815E WU-KUNG AIRFIELD (CHINA)
 5552N 04908E KAZAN AIRFRAME PLANT GORBUNOV 22

2112N 11024E CHAN CHIANG/TSAMKONG NAVAL BASE (CHINA)
 HAINAN NORTH COAST AREA (CHINA)
 3032N 11417E WU-CHANG SHIPYARD (CHINA)

SECTION 3. TARGETS NOT COVERED BY THE PHOTOGRAPHY

5510N 08015E CHULYM SUSPECT ICBM AREA
 5224N 10403E MEGET/TELMA SUSPECT ICBM AREA
 5007N 12927E ZAVITAYA SUSPECT ICBM AREA
 5016N 12732E BLAGOVESHCHENSK SUSPECT ICBM AREA
 5252N 10328E BELAYA SUSPECT ICBM AREA
 5044N 12843E VOZZHAYEVKA SUSPECT MISSILE AREA
 4416N 13123E SOFIYE ALEKSEYEVSKOYE MRBM LAUNCH SITE NO 1
 (BARANO ORENBURGSKOYE MRBM LAUNCH AREA 1)
 4420N 13130E SOFIYE ALEKSEYEVSKOYE MRBM LAUNCH SITE NO 2
 (BARANO ORENBURGSKOYE MRBM LAUNCH AREA 2)
 4401N 13226E LYALICHI (KREMOVO) POSS MRBM LAUNCH SITE NO 1
 4411N 13333E NOVAYA SYSOYEVKA PROB MRBM LAUNCH SITE
 4307N 13308E SUCHAN SUSPECT MRBM AREA
 4255N 13302E YEKATERINOVKA SUSPECT MRBM AREA
 4255N 13248E NOVOLITOVSK SUSPECT MRBM AREA
 4502N 03552E KARANGIT SUSPECT MISSILE TEST AREA
 4048N 04350E LENINAKAN/YEREVAN SUSPECT MRBM AREA
 5137N 03328E KROLEVETS MRBM LAUNCH SITE
 (KROLEVETS MRBM LAUNCH AREA)
 4011N 04430E YEREVAN SUSPECT MRBM AREA
 5034N 03428E LEBEDIN SUSPECT MISSILE AREA
 4107N 10020E TEIN TSUNG TA WAN MISSILE TEST CENTER (CHINA)
 4051N 10941E TU-KO-MA-CHIANG POSS MSLE PROP TEST FAC (CHINA)
 5801N 05614E PERM MISSILE PRODUCTION SEARCH

4545N 12639E HARBIN SUSPECT MISSILE AREA (CHINA)

5051N 01728E BRZEG (BRIEG) SUSPECT MISSILE AREA (POLAND)
 5056N 01515E NOVE MESTO POD SUSPECT MISSILE AREA (CZECH)

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3451N	11421E	KAI-FENG MISSILE-RELATED ACTIVITY (CHINA)
3225N	11140E	LAO-HO-KOU MISSILE-RELATED ACTIVITY (CHINA)
3301N	11231E	NAN-YANG MISSILE-RELATED ACTIVITY (CHINA)
2249N	10819E	NAN-NING TO DONG DANG RAIL SEARCH (CHINA)
2502N	10242E	KUN-MING TO LAO-KAY RAIL SEARCH (CHINA)
5255N	15830E	PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE
4306N	13155E	VLADIVOSTOK SUSPECT ABM AREA
4714N	03942E	ROSTOV SUSPECT ABM AREA
3824N	11655E	TSANG HSIEN AIRFIELD (CHINA)

5309N	15823E	KHUTOR INTERFEROMETER STATION
5257N	15814E	PARATUNKA INTERFEROMETER STATION
2222N	11335E	TANG-CHIA MILITARY ACTIVITY (CHINA)
2212N	10705E	NING-MING, TRANSSHIPMENT POINT (CHINA)
2249N	10819E	NAN-NING COMPLEX (CHINA)
2504N	10241E	KUN-MING COMPLEX (CHINA)
2307N	11315E	CANTON COMPLEX (CHINA)
3945N	11624E	PEIPING COMPLEX (CHINA)

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