

**TOP SECRET**

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NPIC/R-103/62  
July 1962

PHOTOGRAPHIC INTERPRETATION REPORT

**Declass Review  
NIMA/DoD**

**OAK - PART III  
MISSION 9037  
23-26 JUNE 1962**



ARMY



NAVY



AIR FORCE



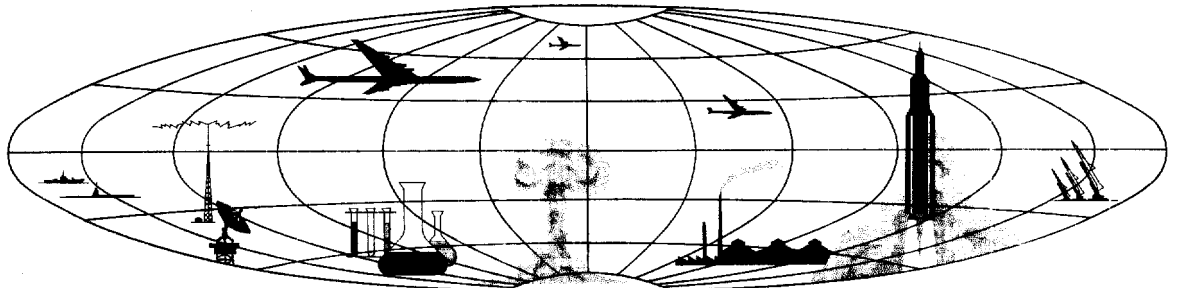
CIA

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



**TOP SECRET**

GROUP 1  
Excluded from automatic  
downgrading and declassification

## OAK - PART III MISSION 9037

### PREFACE

THIS IS THE THIRD AND LAST DAILY OAK REPORT BASED ON MISSION 9037 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT COVERS THE OAK-REPORTING PERIOD FROM 1530 HOURS, 2 JULY 1962, TO 1630 HOURS, 3 JULY 1962. THE REPORT IS DIVIDED INTO 3 SECTIONS -- SECTION 1 DEALING WITH TARGETS OBSERVED (TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED, BECAUSE OF LIMITING CONDITIONS, ARE ALSO INCLUDED), 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. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

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).

PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE PREFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE (X-Y) GRID COORDINATES ARE GIVEN IN PARENTHESES FOLLOWING THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APRIL 1962.

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY FROM MISSION 9037 WAS ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

25X6

Approved For Release 2001/08/21 : CIA-RDP78B04560A000200010050-1

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SUMMARY

STATUS OF COMOR TARGET READOUT

A TOTAL OF 52 TARGETS WERE OBSERVED DURING THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

SUMMARY OF MISSILE ACTIVITY

THE FOLLOWING IS A COMPILATION OF MISSILE LAUNCH FACILITIES (INCLUDING PROBABLES AND POSSIBLES) OBSERVED TO DATE ON MISSION 9037. THIS COMPILATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY --

TYPE	PART I	PART II	PART III	TOTAL
ICBM LAUNCH AREAS --	2	--	--	2
MRBM LAUNCH SITES --	2	4	1	7
SA-3 SAM LAUNCH SITES --	1	2	3	6
SA-2 SAM LAUNCH SITES --	0	0	14	14
SAM SUPPORT FACILITIES --	0	0	1	1

HIGHLIGHTS

THREE EARLY WARNING RADAR SITES ARE NEWLY IDENTIFIED IN THE VICINITY OF LENINGRAD (ELECTRONICS BONUS 1).

A NEWLY-IDENTIFIED POSSIBLE MRBM SITE IS LOCATED NEAR RISTI

25X1A

THREE SA-3 SAM SITES ARE NEWLY IDENTIFIED IN THE WESTERN USSR, NEAR SHCHUCHIN, PRUZHANY AND VOLKOVYSK (MISSILE BONUS 2,3,5).

A TOTAL OF 14 SA-2 SAM LAUNCH SITES (MISSILE BONUS 1) AND 1 SAM SUPPORT FACILITY (MISSILE BONUS 4) WERE NEWLY IDENTIFIED DURING THE SCAN.

MISSILES

25X1A [REDACTED] UZHUR SUSPECT SSM AREA 5518N 08950E

A SEARCH WITHIN A 50 NM RADIUS OF UZHUR REVEALED NO SSM ACTIVITY. SEARCH AREA IS APPROXIMATELY 50 PERCENT CLOUD COVERED.

25X1D [REDACTED]

25X1A [REDACTED] SHARYA SUSPECT SSM AREA 5823N 04532E

A SEARCH WITHIN A 50 NM RADIUS OF SHARYA REVEALED NO SSM ACTIVITY. 75 PERCENT OF SEARCH AREA IS CLOUD COVERED.

25X1D [REDACTED]

25X1A [REDACTED] SHAKHUNYA SUSPECT SSM AREA 5740N 04637E

A SEARCH WITHIN A 50 NM RADIUS OF SHAKHUNYA REVEALED NO SSM ACTIVITY. APPROXIMATELY 75 PERCENT OF THE SEARCH AREA WAS CLOUD COVERED.

25X1D [REDACTED]

25X1A [REDACTED] KEMEROVO SUSPECT SSM AREA 5522N 08602E

A SEARCH OF NORTHERN HALF OF A 50 NM RADIUS OF KEMEROVO REVEALED NO SSM ACTIVITY IN THE CLOUD-FREE AREAS. 40 PERCENT OF SEARCH AREA COVERED BY SCATTERED CLOUDS. SOUTHERN HALF OF SEARCH AREA NOT COVERED.

25X1D [REDACTED]

25X1A [REDACTED] TALLINN SUSPECT MRBM AREA 5924N 02444E

A SEARCH WITHIN A 25 NM RADIUS OF TALLINN REVEALED NO MRBM ACTIVITY. 75 PERCENT OF SEARCH AREA IS CLOUD COVERED.

25X1D

[REDACTED]

25X1A [REDACTED] VOLKOVYSK SUSPECT MRBM AREA 5310N 02428E

NO MISSILE OR ASSOCIATED ACTIVITY OBSERVED. AREA 70 PERCENT CLOUD-FREE.

25X1D

[REDACTED]

25X1A [REDACTED] UZHGOROD/PERECHIN SUSPECT MRBM AREA 4837N 02218E

A SEARCH OF EASTERN HALF OF A 25 NM RADIUS OF UZHGOROD AND PERECHIN REVEALED NO MRBM ACTIVITY. WESTERN HALF NOT COVERED.

25X1D

[REDACTED]

25X1A [REDACTED] KHYROV/SAMBOR SUSPECT MRBM AREA 4932N 02250E

A SEARCH WITHIN A 25 NM RADIUS OF KHYROV AND SAMBOR REVEALED NO MRBM ACTIVITY. SEARCH AREA IS CLOUD-FREE.

25X1D

[REDACTED]

25X1A [REDACTED] KRAKOVETS/YAVOROV SUSPECT MRBM AREA 4958N 02310E

A 25 NM RADIUS SEARCH OF KRAKOVETS/YAVOROV ON CLEAR PHOTOGRAPHY REVEALED NO MRBM SITES.

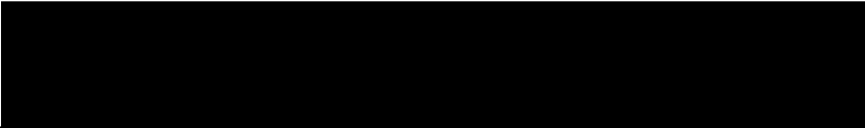
25X1D

[REDACTED]

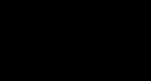
25X1A [REDACTED] GRANOV MRBM LAUNCH SITE 1 4856N 02930E

THE UNIDENTIFIED INSTALLATION SOUTH OF THE LAUNCH SITE IS OBSCURED BY CLOUDS AND CLOUD SHADOW. FUNCTION CANNOT BE DETERMINED.

25X1D



25X1A



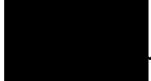
OSTROG MRBM LAUNCH SITE 1 5014N 02644E

SITE IS NOW CONFIRMED. IT IS RECTANGULAR WITH TWO READY BUILDINGS BETWEEN THE 4 LAUNCH PADS. AT LEAST 8 SUPPORT BUILDINGS ON NE SIDE OF PAD AREA. SITE IS COMPLETE.

25X1D



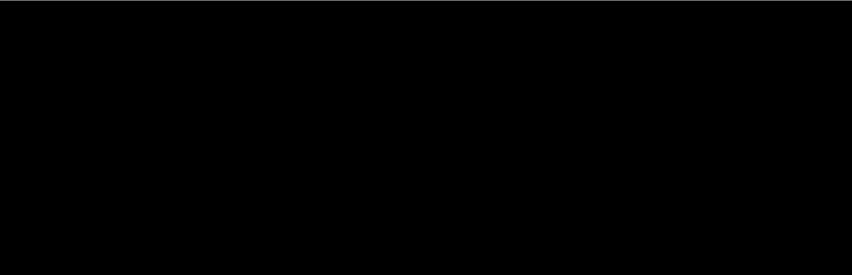
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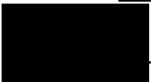
SARNY/KLESOV SUSPECT MRBM AREA 5120N 02636E

SEARCH WITHIN A 25 NM RADIUS OF SARNY AND KLESOV REVEALS NO SSM ACTIVITY. SEARCH AREA 90 PERCENT CLOUD FREE.

25X1D



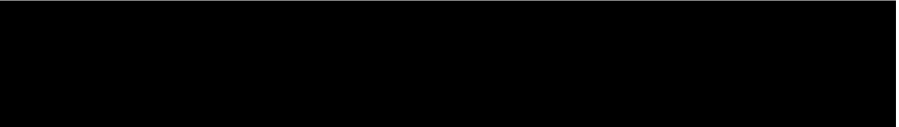
25X1A



OSTROG MRBM LAUNCH SITE 2 5017N 02641E

SITE APPEARS COMPLETE. IT CONSISTS OF 4 PADS WITH A READY BUILDING LOCATED ENE OF EACH. ONE SUPPORT AREA IS LOCATED JUST EAST OF THE PAD AREA AND ANOTHER IS LOCATED 0.5 NM SSE OF THE LAUNCH SITE.

25X1D



25X1A [REDACTED] GUSEV MRBM LAUNCH SITE 1 5441N 02206E

IDENTIFICATION ONLY.

25X1D

[REDACTED]

25X1A [REDACTED] MUKACHEVO MRBM LAUNCH SITE 1 4820N 02238E

IDENTIFICATION ONLY.

25X1D

[REDACTED]

25X1A [REDACTED] IECAVA MRBM LAUNCH SITE 1 5635N 02403E

CLOUDS PRECLUDE DETERMINATION OF CONSTRUCTION STATUS.

25X1D

[REDACTED]

25X1A [REDACTED] ZAGARE MRBM LAUNCH SITE 1 5623N 02319E

LAUNCH SITE IS IN CLOUD-SHADOW, BUT APPEARS COMPLETE. TWO READY BUILDINGS SERVE THE 4 PADS. THE SUPPORT AREA IS PARTIALLY CLOUD-COVERED.

25X1D

[REDACTED]

25X1A [REDACTED] KULDIGA SUSPECT MRBM AREA 5658N 02159E

A SEARCH WITHIN A 25 NM RADIUS OF KULDIGA REVEALED NO MRBM SITES IN THE CLOUD-FREE AREAS. 50 PERCENT OF SEARCH AREA CLOUD COVERED.

25X1D

[REDACTED]

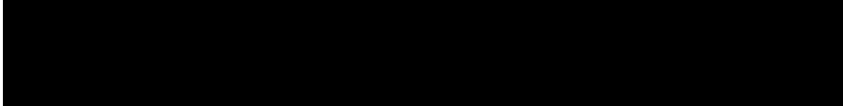
25X1A [REDACTED] ASANOVSHCHINA MRBM LAUNCH SITE 5731N 02813E

A REANALYSIS OF THE MATCHING SITE (SHEVELO MRBM SITE 1) AT 57-37-08N 028-12-00E REVEALS THAT THE SITE IS



RECTANGULAR IN CONFIGURATION AND COMPLETE.

25X1D



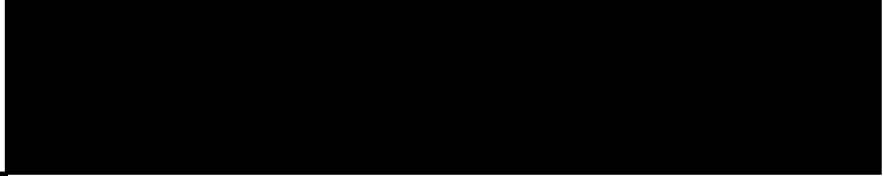
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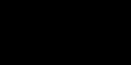
JONAVA MRBM LAUNCH SITE 1 5501N 02414E

SITE IS COMPLETE. THERE ARE AT LEAST 12 BUILDINGS IN THE SUPPORT AREA. NO MATCHING SITE OBSERVED.

25X1D



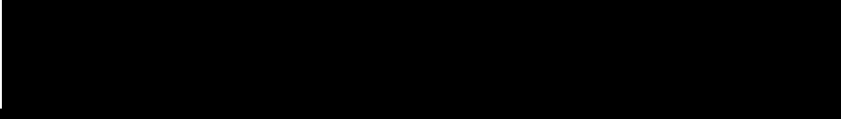
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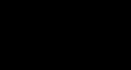
GRESK MRBM LAUNCH SITE 1 5316N 02745E

IDENTIFICATION ONLY.

25X1D



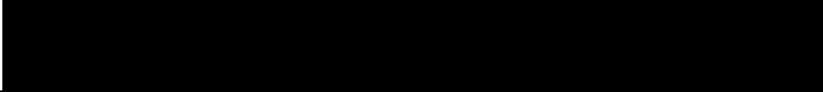
25X1A



IVANOVO MRBM LAUNCH SITE 5210N 02541E

SITE APPEARS COMPLETE. NO EVIDENCE OF CAMOUFLAGE.

25X1D



25X1A



ROVNO SUSPECT MRBM AREA 5037N 02615E

A SEARCH OF THE AREA WITHIN A 25 NM RADIUS OF ROVNO REVEALED NO SSM ACTIVITY OTHER THAN THE SITES PREVIOUSLY REPORTED NEAR OSTROG. SEARCH AREA IS CLOUD FREE.

25X1D



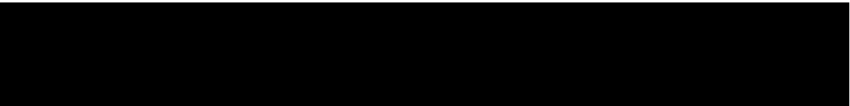
25X1A



VEPRIAI MRBM LAUNCH SITE 5508N 02439E

SITE APPEARS COMPLETE.

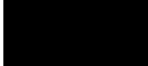
25X1D



25X1D



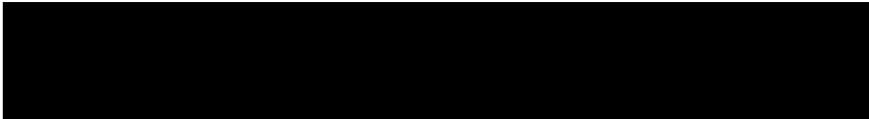
25X1A



SIMUNA MRBM LAUNCH SITE 5908N 02627E

CONSTRUCTION IS COMPLETE. DENSITY OF WOODED AREA AROUND SITE AND DARKNESS PRECLUDE AN ACCURATE BUILDING COUNT.

25X1D



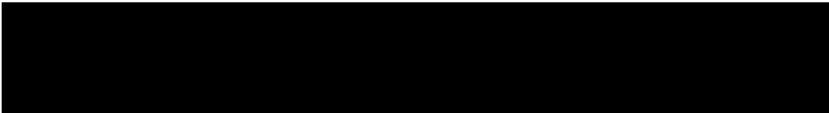
25X1A



VAIKE MAARJA MRBM LAUNCH SITE 5912N 02620E

CONSTRUCTION IS COMPLETE. DENSITY OF WOODED AREA AROUND SITE AND DARKNESS PRECLUDE AN ACCURATE BUILDING COUNT.

25X1D



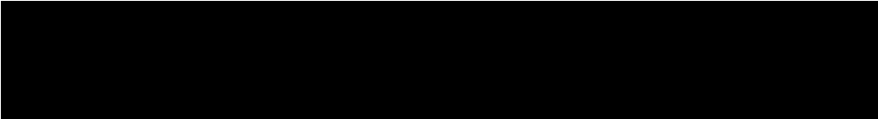
25X1A



PRUZHANY MRBM LAUNCH SITE 1 5231N 02409E

SITE APPEARS COMPLETE.

25X1D



25X1A



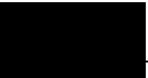
KOZYANY MRBM LAUNCH SITE 5521N 02652E

IDENTIFICATION ONLY.

25X1D



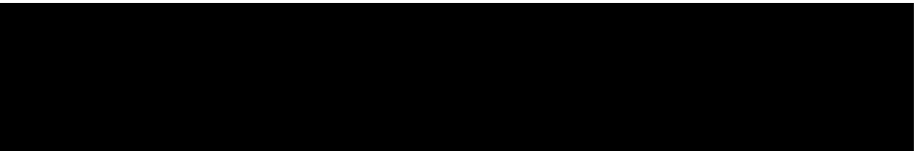
25X1A



KONKOVICHI MRBM LAUNCH SITE NO 1 5215N 02838E

SITE APPEARS COMPLETE. NO EVIDENCE OF CAMOUFLAGE.

25X1D



25X1A



UKMERGE MRBM LAUNCH SITE 1 5511N 02442E

~~TOP SECRET CHESS RUFF~~

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SITE IS IN CLOUD SHADOW, BUT APPEARS COMPLETE.

25X1D

25X1A

LIDA MRBM LAUNCH SITE 2 5357N 02528E

SITE 2 IS COMPLETE.  
AT LEAST 8 BUILDINGS IN SUPPORT AREA. DETAILED  
INTERPRETATION PRECLUDED BY TREES AND SHADOWS. LIDA  
SITE 1 IS CLOUD COVERED.

25X1D

25X1A

VSELYUB MRBM LAUNCH SITE 1 5346N 02543E

SITE 1 IS COMPLETE. THERE ARE AT LEAST 10 BUILDINGS  
IN THE SUPPORT AREA. LIDA SITE 2 IS ALSO COMPLETE.

25X1D

25X1A

VSELYUB MRBM LAUNCH SITE 2 5348N 02546E

SITE 2 IS COMPLETE. THERE ARE AT LEAST 6 BUILDINGS IN  
THE SUPPORT AREA. LIDA SITE 2 IS ALSO COMPLETE.

25X1D

25X1A

DYATLOVO MRBM LAUNCH SITE 5333N 02516E

IDENTIFICATION ONLY.

25X1D

25X1A

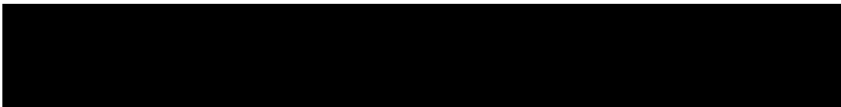
IECAVA MRBM LAUNCH SITE 2 5639N 02408E

ALL 4 PADS ARE PARTIALLY VISIBLE AND ONE READY  
BUILDING IS VISIBLE. HOWEVER, CLOUDS PRECLUDE AN  
ANALYSIS OF CONSTRUCTION STATUS.

~~TOP SECRET CHESS RUFF~~

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25X1D



25X1A



RISTI MRBM LAUNCH SITE 1 5904N 02403E

RISTI MRBM LAUNCH SITE 1 APPEARS COMPLETE. A NEWLY IDENTIFIED POSSIBLE MATCHING MRBM SITE IS LOCATED 3 NM NNE OF LAUNCH SITE 1 AT 59-06N 024-06E. THE NEW POSSIBLE LAUNCH SITE CONSISTS OF A SUPPORT AREA WHICH INCLUDES A DRIVE-THROUGH BUILDING AND 6 ASSOCIATED BUILDINGS. CLOUDS OBSCURE AREA WHERE LAUNCHING POSITIONS WOULD NORMALLY BE LOCATED.

25X1D

PHOTO REFERENCES FOR SIGNIFICANT ITEMS ON ARE AS FOLLOWS --

25X1D

RISTI NO 1 (X7.2-Y3.4)  
RISTI NO 2 (X70.9-Y3.9)

25X1D



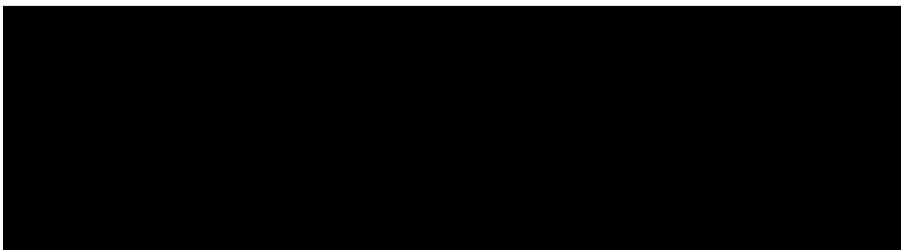
25X1A



KRUPA MRBM LAUNCH SITE 1 5248N 02442E

SITE APPEARS COMPLETE.

25X1D



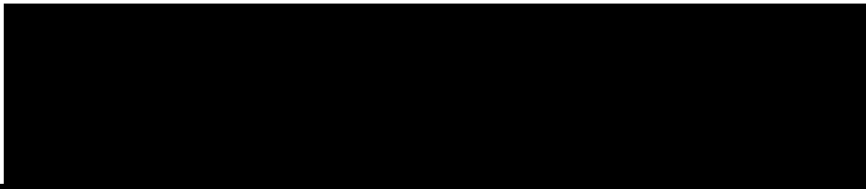
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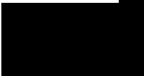
KRUPA MRBM LAUNCH SITE 2 5249N 02445E

SITE APPEARS COMPLETE.

25X1D



25X1A



DERAZHNYA MRBM LAUNCH SITE 2 4926N 02728E

SITE APPEARS COMPLETE.

25X1D



25X1D



25X1A



BREST MRBM LAUNCH SITE 2 5151N 02402E

SITE APPEARS COMPLETE.

25X1D



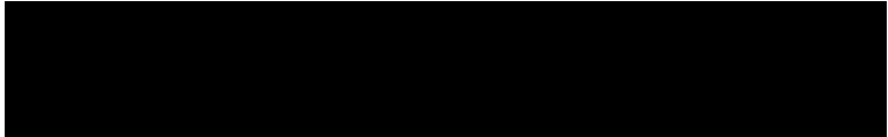
25X1A



ZHMERINKA MRBM LAUNCH SITE 4910N 02804E

LAUNCH SITE STILL UNDER CONSTRUCTION.  
2 READY BUILDINGS COMPLETED.

25X1D



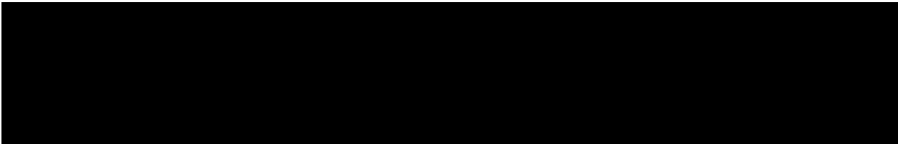
25X1A



ZHITOMIR MRBM LAUNCH SITE 1 5004N 02816E

SITE STILL UNDER CONSTRUCTION.  
NORTHERN 2 PADS AND THEIR ASSOCIATED READY BUILDINGS  
ARE NOT YET COMPLETE.

25X1D



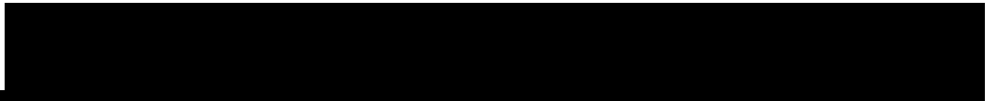
25X1A



DUNAYEVTSY MRBM LAUNCH SITE 4855N 02659E

THREE READY BUILDINGS AND A CLEARING FOR THE 4TH READY  
BUILDING ARE VISIBLE. FOUR PAD CLEARINGS ARE ALSO  
VISIBLE. THE SUPPORT AREA APPEARS COMPLETE.

25X1D



25X1A



LIPNIKI MRBM LAUNCH SITE 5112N 02826E

LIPNIKI IS NOW A CONFIRMED OFFSET INLINE LAUNCH SITE  
WITH 4 LAUNCH PADS. SITE APPEARS NEAR COMPLETION.  
EACH PAD IS SERVED BY READY BUILDING DIRECTLY TO REAR.  
SUPPORT AREA JUST SE OF SITE CONTAINS AT LEAST 12  
BUILDINGS. NO MATCHING SITE IS VISIBLE. HOWEVER,  
SCATTERED CLOUDS PRECLUDE A COMPLETE SEARCH.

25X1D



25X1A



MOTOL MRBM LAUNCH SITE 5212N 02544E

SITE APPEARS COMPLETE. NO EVIDENCE OF CAMOUFLAGE.

25X1D



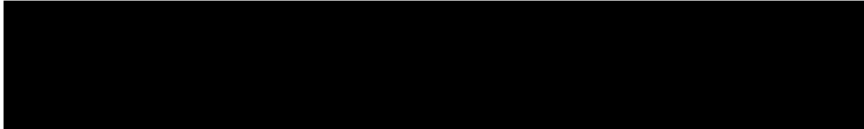
25X1A



SOKAL MRBM SITE 2 5027N 02421E

SITE APPEARS COMPLETE. NO EVIDENCE OF CAMOUFLAGE.

25X1D



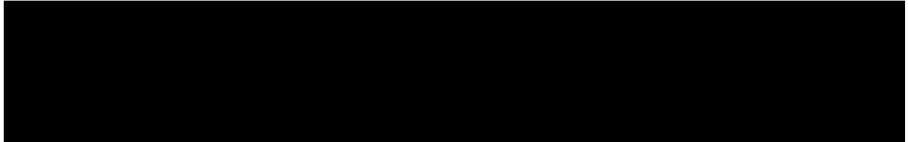
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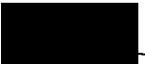
PETRIKOV MRBM LAUNCH SITE 5210N 02835E

SITE APPEARS COMPLETE. NO EVIDENCE OF CAMOUFLAGE.

25X1D



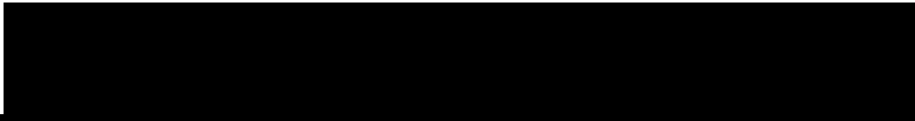
25X1A



KIVERTSY MRBM LAUNCH SITE 3 5058N 02539E

NO EVIDENCE OF CAMOUFLAGE. SEARCH ON CLOUD-FREE PHOTOGRAPHY REVEALS NO MATCHING SITE. THIS SITE IS LARGER THAN SITES 1 AND 2, HAS MORE SUPPORT FACILITIES, AND A BETTER ROAD.

25X1D



25X1A



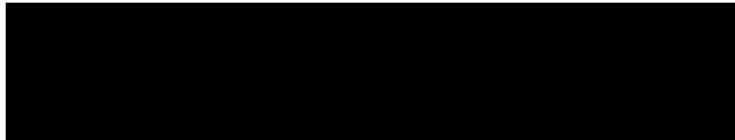
GRODNO SUSPECT MRBM AREA 5339N 02350E

NO MRBM OR MISSILE-ASSOCIATED ACTIVITY OBSERVED WITHIN A 25 NM RADIUS OF GRODNO.

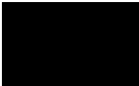
25X1D



25X1D



25X1A



VECZVARDE SUSPECT SSM AREA 5634N 02240E

A SEARCH WITHIN A 25 NM RADIUS OF VECZVARDE REVEALED NO SSM ACTIVITY. 75 PERCENT OF SEARCH AREA CLOUD COVERED.

25X1D



25X1A



SARY SHAGAN ANTIMISSILE TEST COMPLEX 4612N 07348E

THE SARY SHAGAN ANTIMISSILE TEST COMPLEX IS COVERED BY PHOTOGRAPHY OF EXCELLENT QUALITY FROM INSTRUMENTATION SITE 5 EASTWARD THROUGH THE FACILITIES ON THE SHORE OF LAKE BALKHASH. ONLY 2 SIGNIFICANT CHANGES ARE EVIDENT SINCE

25X1D



AT LAUNCH COMPLEX A THERE ARE 4 SAM LAUNCH SITES. THE NE PAIR (SITES 1 AND 2) CLOSELY RESEMBLE THE TYPICAL FAN-TYPE SA-2 SITES. THE SW PAIR (SITES 3 AND 4) DIFFER. THESE SITES ARE GENERALLY CIRCULAR IN CONFIGURATION WITH 6 LAUNCH POSITIONS. THE LAUNCH POSITIONS CONTAIN 2 OBJECTS AND ARE CONNECTED TO THE CENTER OF THE SITE BY STRAIGHT SCARS WHICH PROBABLY INDICATE BURIED CABLES.

25X1D

A NEWLY-IDENTIFIED SAM TRAINING CENTER IS LOCATED APPROXIMATELY 35 NM SSW OF SARY SHAGAN



(X16.5-Y3.2, 42-25N 073-20E). IT CONSISTS OF A RECTANGULAR SECURED AREA CONTAINING 3 SA-2 LAUNCH SITES IN A LINE AND A SMALL SECURED AREA JUST NE

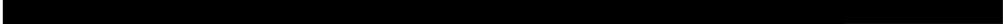
25X1D

CONTAINING ONE LARGE AND 5 SMALL BUILDINGS. THESE SITES WERE NOT PRESENT ON

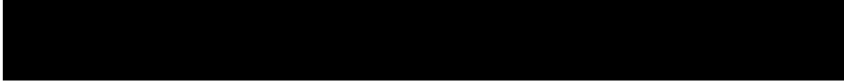
25X1D

WERE PRESENT AND NOT RECOGNIZABLE ON

BUT



25X1D



25X1A



KOVEL SUSPECT MISSILE AREA 5113N 02443E

NO MISSILE-ASSOCIATED ACTIVITY OBSERVED WITHIN A 25 NM RADIUS OF KOVEL. SEARCH AREA 95 PERCENT CLOUD FREE.

25X1D



25X1A




LENINGRAD SUSPECT ABM AREA 5955N 03020E

FURTHER ANALYSIS OF THE PADDLEWHEEL SITES AT 3 COMPLEXES NEAR LENINGRAD (PREVIOUSLY REPORTED IN OAK, PART 1, PAGE 7) PROVIDES SUFFICIENT EVIDENCE TO IDENTIFY THEM AS POSSIBLE ANTIMISSILE MISSILE (AMM) LAUNCH COMPLEXES. EACH COMPLEX HAS 5 POSSIBLE AMM LAUNCH SITES, EACH CONSISTING OF 6 LAUNCH POSITIONS. IN ADDITION TO THE LAUNCH AREAS, AND ASSOCIATED HOUSING AND SUPPORT AREAS, THE SW AND NW COMPLEXES HAVE PROBABLE ELECTRONICS FACILITIES. NO SIMILAR ELECTRONICS FACILITY IS DISCERNIBLE ON PARTIALLY CLOUD-COVERED PHOTOGRAPHY OF THE NE COMPLEX ON MISSION 9037 OR ON POOR PHOTO IMAGERY OF PREVIOUS MISSIONS.

25X1B

25X1B

BONUS 1. THE FOLLOWING SA-2 SAM SITES  ALL ARE COMPLETE OR PROBABLY COMPLETE.

LENINGRAD SAM SITE 5932N 02957E

25 NM SSW OF LENINGRAD AT 59-32-40N 029-57-30E.  
USATC 200-0153-25AL, 2D ED, FEB 60.

25X1D



YOSHKAR OLA ICBM COMPLEX SUPPORT FACILITY SAM SITE 5664N 04806E

12 NM NNE OF YOSHKAR OLA ICBM COMPLEX SUPPORT FACILITY AT 56-44-20N 048-06-00E.  
USATC 200-0155-22A, 1ST ED, OCT 59.

25X1D





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BARANO ORENBURGSKOYE MRBM COMPLEX SAM SITE  
4429N 13135E

12.5 NM NE OF BARANO ORENBURGSKOYE MRBM COMPLEX  
AT 44-29-15N 131-35-30E.  
USATC 200-0282-21A, 2D ED, JUL 59.

25X1D

BELOMORSK SAM SITE 6426N 03424E

10.5 NM SW OF BELOMORSK AT 64-26-05N 034-24-25E.  
USATC 200-0091-25AL, 2D ED, NOV 59.

25X1D

MOLOSKOVITSY MRBM COMPLEX SAM SITE 5932N 02847E

13.5 NM NW OF MOLOSKOVITSY MRBM COMPLEX AT 59-32-40N  
028-47-40E.  
USATC 200-0153-4A, 1ST ED, JAN 59.

25X1D

LENINGRAD SAM SITE 5953N 02911E

27 NM WSW OF LENINGRAD AT 59-53-40N 029-11-30E.  
USATC 200-0153-4A, 1ST ED, JAN 59.

25X1D

LENINGRAD SAM SITE 6018N 03036E

25 NM NNE OF LENINGRAD AT 60-18-50N 030-36-50E.  
USATC 200-0103-25AL, 2D ED, FEB 60.

25X1D

KRASNOYARSK SAM SITE 5609N 09234E

15 NM NW OF KRASNOYARSK AT 56-09-55N 092-34-50E.  
USATC 200-0159-23A, 1ST ED, SEP 59.

25X1D

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NAZAROVO SAM SITE 5557N 09001E

7.5 NM WSW OF NAZAROVO AT 55-57-55N 090-01-50E.  
USATC 200-0161-4HL, 2D ED, NOV 61.

25X1D

SHCHUCHIN AIRFIELD SAM SITE 5335N 02438E

4.8 NM WEST OF SHCHUCHIN AIRFIELD AT 53-35-30N  
024-38-00E.  
USATC 200-0168-18AZ, 2D ED, AUG 58.

25X1D

VOLKOVYSK SAM SITE 5318N 02422E

9 NM NNW OF VOLKOVYSK AT 53-18-00N 024-22-20E.  
USATC 200-0168-17A, 1ST ED, NOV 57.

25X1D

YEVPARATORIYA SAM SITE 4515N 03309E

10 NM WNW OF YEVPARATORIYA AT 45-15-40N 033-09-00E.  
USATC 200-0250-19AL, 2D ED, NOV 59.

25X1D

CHEMNOMORSKOYE SAM SITE 4530N 03240E

1.5 NM WEST OF CHEMNOMORSKOYE AT 45-30-48N  
032-40-50E.  
USATC 200-0290-19AL, 2D ED, NOV 59.

25X1D

KEDAINIAI AIRFIELD SAM SITE 5519N 02349E

2.3 NM EAST OF KEDAINIAI AIRFIELD AT 55-19-30N  
023-49-10E.  
USATC 200-0168-2A, 1ST ED, MAR 57.

25X1D



BONUS 2. VOLKOVYSK SA-3 SAM SITE 5318N 02421E

9.5 NM NNW OF VOLKOVYSK AT 53-18-10N  
024-21-30E.  
USATC 200-0168-17A, 1ST ED NOV 57.

25X1D



BONUS 3. SHCHUCHIN AIRFIELD SA-3 SAM SITE 5335N 02437E

5 NM WEST OF SHCHUCHIN AIRFIELD, AT 53-35-45N  
024-37-30E.  
NEWLY IDENTIFIED COMPLETED SA-3 SAM SITE.  
USATC 200-0168-18ZA, 2D ED, AUG 60.

25X1D



BONUS 4. SHCHUCHIN AIRFIELD SAM SUPPORT FACILITY 5335N 02459E

8 NM ESE OF SHCHUCHIN AIRFIELD, AT 53-35-00N  
024-59-00E.  
NEWLY IDENTIFIED COMPLETED SUPPORT FACILITY.  
USATC 200-0168-18ZA, 2D ED, AUG 58.

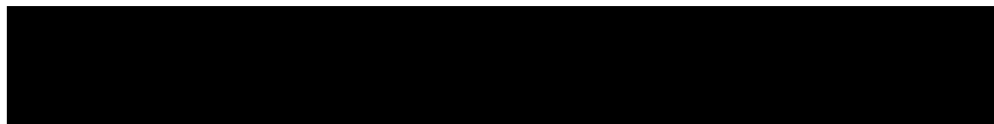
25X1D



BONUS 5. PRUZHANY SA-3 SAM SITE 5216N 02420E

18 NM SSE OF PRUZHANY, AT 52-16-10N 024-20-00E.  
NEWLY IDENTIFIED COMPLETED SA-3 SAM SITE.  
USATC 200-0168-22A, 1ST ED, JUN 57.

25X1D



TOP SECRET CHESS RUFF

NPIC/R-103/62

ELECTRONICS

BONUS 1. LENINGRAD EARLY WARNING RADAR NET

THREE EARLY WARNING RADAR SITES HAVE BEEN IDENTIFIED IN A NET AROUND LENINGRAD. EACH SITE CONSISTS OF SIX MOBILE RADAR POSITIONS (ON MOUNDS), TWO POSSIBLE TALL KING RADARS, ONE CENTRALLY LOCATED CONTROL BUNKER, A NEARBY SUPPORT AREA, AND A NEARBY POSSIBLE CALIBRATION POSITION. IN SOME ASPECTS, THESE SITES ARE SIMILAR TO THE MOSCOW TRAPEZOIDAL RADAR SITES.

ONE SITE IS 5 NM SOUTHEAST OF PORKHOV, AND 135 NM SOUTH-SOUTHWEST OF LENINGRAD, AT 57-44N 029-41E. THIS SITE HAS ONE UNOCCUPIED MOBILE RADAR POSITION.

THE SECOND SITE IS 11 NM SOUTHWEST OF RAKVERE, AND 135 NM WEST-SOUTHWEST OF LENINGRAD, AT 59-19N 026-00E. THE MOBILE RADARS ARE NOT VISIBLE ON THE SIX POSITIONS.

THE THIRD SITE IS 5 NM SOUTHWEST OF VYBORG, AND 75 NM NORTHWEST OF LENINGRAD, AT 60-43N 028-34E. ALL RADARS ARE IN POSITION.

25X1D

25X2

TOP SECRET CHESS RUFF

25X1A

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SECTION 2. TARGETS NOT OBSERVED BECAUSE OF CLOUD COVER OR DARKNESS

[REDACTED] UST UKHTA AREA ICBM SEARCH 6338N 05352E  
YURYA ICBM LAUNCH COMPLEX 5914N 04929E  
KOSTROMA ICBM LAUNCH COMPLEX 5750N 04122E  
GLAZOV SUSPECT ICBM LAUNCH COMPLEX 5750N 05257E  
PERM ICBM LAUNCH COMPLEX 5742N 05619E  
KUNGUR SUSPECT ICBM COMPLEX 5738N 05620E  
YEDROVO ICBM LAUNCH COMPLEX 5751N 03341E  
TATARSK SUSPECT SSM AREA 5513N 07558E  
KURGAN SUSPECT SSM AREA 5526N 06520E  
SEROV SUSPECT SSM AREA 5936N 06035E  
BEZHETSK SUSPECT SSM AREA 5747N 03641E  
VIESVILE MRBM LAUNCH SITE 5501N 02221E  
GUSEV MRBM LAUNCH SITE 2 5444N 02205E  
TORVA MRBM LAUNCH SITE NO 2 5759N 02606E  
TARTU SUSPECT MRBM AREA 5823N 02643E  
KURENETS SUSPECT MRBM AREA 5433N 02657E  
RUSKI MRBM LAUNCH SITE NO 1 5725N 02650E  
VORU MRBM LAUNCH SITE NO 2 5749N 02651E  
VORU MRBM LAUNCH SITE NO 1 5746N 02647E  
DISNA MRBM LAUNCH SITE 5535N 02816E  
SMORGON MRBM LAUNCH SITE 1 5432N 02617E  
ZELKI MRBM LAUNCH SITE 5537N 02826E  
POSTAVY MRBM LAUNCH SITE 1 5510N 02655E  
TAPA SUSPECT MISSILE AREA 5916N 02558E  
RAGNIT PROB MRBM LAUNCH SITE 5502N 02211E  
LIDA MRBM LAUNCH SITE 1 5347N 02521E  
BEREZOVKA MRBM LAUNCH SITE 5336N 02526E  
BORKOVICHI MRBM LAUNCH SITE 5541N 02827E  
KARA-BABAU POSS MRBM LAUNCH SITE 1 4431N 07759E  
MOLOTOV ARMS PL MOTOVILIKHA MOLOTOV 172 5802N 05617E  
MOLOTOV AIRCRAFT ENGINE PLANT STALIN 19 5759N 05614E  
OMSK AREA, POSSIBLE STATIC TEST AREA 5527N 07322E  
MEDVED SUSPECT MRBM AREA 5818N 03031E  
MARTSIENA POSS MISSILE SUPPORT INSTALLN 5647N 02607E  
PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE 5255N 15830E  
VLADIMIR SUBMARINE BASE 4354N 13530E  
VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 4306N 13156E  
PROMYSLOVKA NAVAL COMPLEX 4300N 13220E  
KALININGRAD NAVAL MISSILE FACILITIES 5450N 02028E

25X2

SECTION 3. TARGETS NOT COVERED BY THE PHOTOGRAPHY

[REDACTED] VERKHNYAYA SALDA ICBM LAUNCH COMPLEX 5802N 06033E

25X1A

20

25X1A

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CHULYM SUSPECT ICBM AREA 5510N 08015E  
TYURA TAM MISSILE TEST CENTER 4550N 06318E  
SVOBODNYI ICBM LAUNCH COMPLEX 5122N 12808E  
MEGET/TELMA SUSPECT ICBM AREA 5224N 10403E  
BELAYA SUSPECT ICBM AREA 5252N 10328E  
SHADRINSK ICBM LAUNCH COMPLEX 5605N 06338E  
TEYKOVO ICBM LAUNCH COMPLEX 5654N 04035E  
KANDAGACH SUSPECT SSM AREA 4928N 05726E  
ASHKHABAD SUSPECT SSM AREA 3757N 05823E  
BELOGORSK SUSPECT SSM AREA 5055N 12828E  
KAMEN-NA-OBI SUSPECT SSM AREA 5347N 08120E  
BARABINSK SUSPECT SSM AREA 5522N 07821E  
IZHEVSK SUSPECT SSM AREA 5650N 05311E  
BRATSK SUSPECT SSM AREA 5605N 10148E  
KRASNAYA GORBATKA SUSPECT SSM AREA 5552N 04146E  
RZHEV SUSPECT SSM AREA 5615N 03420E  
SVERDLOVSK SUSPECT SSM AREA 5650N 06037E  
NOVOSIBIRSK SUSPECT SSM AREA 5502N 08256E

25X1D

BERDSK SUSPECT SSM AREA 5445N 08305E  
KANDALAKSHA SUSPECT SSM AREA 6709N 03225E  
MURMANSK SUSPECT SSM AREA 6858N 03305E  
TASHKENT SUSPECT SSM AREA 4119N 06916E  
CHELYABINSK SUSPECT SSM AREA 5510N 06125E  
KIMRY SUSPECT SSM AREA 5652N 03721E  
KARANGIT MISSILE TEST AREA 4502N 03552E  
LENINAKAN/YEREVAN SUSPECT MRBM AREA 4048N 04350E  
KROLEVETS MRBM LAUNCH SITE 1 5136N 03328E  
YEREVAN SUSPECT MRBM AREA 4011N 04430E  
LEBEDIN MRBM LAUNCH SITE 1 5033N 03426E  
GROSS STEFFELSDORF SUSPECT MRBM AREA (CZECH) 4823N 02002E  
ZIPSER NEUDORF SUSPECT MRBM AREA (CZECH) 4857N 02034E  
ZELENA-FRYDEK SUSPECT MRBM AREA (CZECH) 4941N 01821E  
RUZOMBEROK SUSPECT MRBM AREA (CZECH) 4905N 01919E  
BOZNSKA BYSTRICA SUSPECT MRBM AREA (CZECH) 4844N 01909E  
LEBEDIN MRBM LAUNCH SITE 2 5035N 03424E  
AKHTYRKA MRBM LAUNCH SITE 1 5015N 03450E  
AKHTYRKA MRBM LAUNCH SITE 2 5021N 03456E  
KUSHKA SUSPECT SSM AREA 3516N 06224E  
BAYRAM-ALI SUSPECT SSM AREA 3737N 06212E  
TAKHIA TASH SUSPECT SSM AREA 4254N 05918E  
VOZZHAYEVKA SUSPECT SSM AREA 5043N 12843E  
MOSCOW/KALININGRAD GUIDED MISSILE PLANT 88 5555N 03748E  
ZAGORSK SUSPECT STATIC TEST FAC KRASNOZAVODSK 5627N 03812E  
ZLATOUST ARMAMENTS PLANT 66 5510N 05938E  
KARABASH SUSPECT MISSILE TEST FACILITY 5727N 06013E  
SVERDLOVSK SUSPECT STATIC TEST STAND 5652N 06037E

25X1A

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BRZEG (BRIEG) SUSPECT MISSILE AREA (POLAND) 5051N 01728E  
NOVE MESTO POD SUSPECT MISSILE AREA (CZECH) 5056N 01515E  
CHU-HSIEN SUSPECT MISSILE AREA (CHINA) 2902N 11857E  
SHA-CHENG-CHIANG SUSPECT MISSILE AREA (CHINA) 2710N 12024E  
SAN-TU-TAO SUSPECT MISSILE AREA (CHINA) 2639N 11941E

25X6

CHENG-HSIEN SUSPECT MISSILE AREA (CHINA) 25X6  
LUOSTARI/PECHENGA RR SEARCH 6925N 03100E  
LIU-CHOU/NAN NING/DONG DANG RAIL LINE (CHINA) 2249N 10819E  
KUN-MING/LAO KAY RAIL LINE (CHINA) 2502N 10242E  
SEVEROMORSK SUSPECT MISSILE STORAGE 6906N 03328E  
SAYDA GUBA SUBMARINE BASE 6915N 03321E  
OLENYA GUBA SUBMARINE BASE 6913N 03323E  
POLYARNYY NAVAL BASE 6912N 03328E  
TYUVA GUBA NAVAL BASE 6912N 03335E  
SVERDLOVSK SUSPECT ABM AREA 5650N 06037E  
NOVOSIBIRSK SUSPECT ABM AREA 5502N 08256E  
MOSCOW SUSPECT ABM AREA 5545N 03737E  
BRATSK SUSPECT ABM AREA 5654N 10030E  
DOLON AIRFIELD 5032N 07912E  
TSANG HSIEN AIRFIELD (CHINA) 3824N 11655E  
RAMENSKOYE AIRCRAFT EXPERIMENTAL PLANT 5535N 03807E

25X2

25X2

25X2

25X2

25X1D

25X1D

NING-MING TRANSSHIPMENT POINT (CHINA) 2212N 10705E  
NAN-NING COMPLEX (CHINA) 2249N 10819E  
PEIPING COMPLEX (CHINA) 3945N 11624E

25X1A

TOP SECRET  
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