

# SUPPLEMENT

## PHOTOGRAPHIC INTERPRETATION REPORT



# KH-4 MISSION 1043

## 8-22 AUGUST 1967

MISSILE EDITION

TCS-80497/67  
SEPTEMBER 1967  
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118 PAGES

handle via **TALENT-KEYHOLE** control only

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GROUP 1 EXCLUDED FROM  
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WARNING

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TARGET CATEGORIES

1. GUIDED MISSILES \*
    - A. ICBM Deployment
    - B. IRBM and MRBM (including search areas)
    - C. Research and Development (including space)
    - D. Production Facilities (including test)
    - E. Suspect Missile (Search area or undetermined activity)
    - F.
    - G. Naval Launched Missiles
    - H. Anti-Missile Missile
    - I. SAM Sites
    - J. Short Range Surface-to-surface Missiles
    - K. Missile support/storage areas
    - L. SAM Training Complexes
  2. AIRCRAFT
    - A. Long Range Bases
    - B. Production Facilities (including R and D)
    - C. Airfields
  3. NUCLEAR ENERGY
    - A. Test Area
    - B. Production
    - C. Stockpiles
    - D. Research Institutes
    - E. Suspect Activity
  4. NAVAL ACTIVITY
    - A. Operating Bases
    - B. Production Yards
    - C. Commercial Ports
    - D. Locks and Canals
  5. BIOLOGICAL/CHEMICAL WARFARE
    - A. BW/CW Test Areas (including test)
    - B. Production
    - C. Storage
    - D. Research Institutes
    - E. Suspect Activity
  6. ELECTRONICS
    - A. Missile Tracking Facilities
    - B. Electronics (general)
  7. MILITARY
    - A. Military Installations
    - B. Special Areas
    - C.
    - D. Landing Beaches
    - E.
    - F.
    - G. Tactical SSM Support Facilities
  8. URBAN/INDUSTRIAL
    - A. Complexes
    - B. Industrial Plants
    - C. Geodetic Control Points
  9. OTHER
    - A. Unidentified Installations
- \* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

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PREFACE

THIS EDITION OF THE OAK SUPPLEMENT FOR MISSION 1043 REPORTS ON THE MISSILE TARGETS NOT INCLUDED IN THE OAK REPORTS. MILITARY TARGETS ARE REPORTED IN TCS-80498/67 AND ALL OTHER TARGETS IN TCS-80499/67.

THIS REPORT ALSO CONTAINS NON-COMIREX TARGETS REFLECTING SIGNIFICANT CHANGE, TARGETS WITH SIGNIFICANT ORDER OF BATTLE (OB) INFORMATION, AND TARGETS WHICH ARE NEWLY IDENTIFIED OR KNOWN BUT REPORTED FOR THE FIRST TIME BY NPIC.

TARGETS ARE ARRANGED BY SUBJECT AND WITHIN EACH SUBJECT BY COMIREX TARGET NUMBER. PREVIOUSLY REPORTED NON-COMIREX TARGETS ARE LISTED UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMIREX TARGETS. NEWLY REPORTED TARGETS ARE DESIGNATED AS BONUS TARGETS AND ARE LISTED AFTER THE NON-COMIREX TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE AND THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY THE FRAME NUMBERS. SYMBOLS FOR LIMITING CONDITIONS AFFECTING 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), GR (GROUND RESOLUTION), AND SS (SMALL SCALE). 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 (NONSTEREO).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. 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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HIGHLIGHTS

AT THE MINSK PROBABLE LONG RANGE SAM LAUNCH COMPLEX, USSR, THE CONFIGURATION IS NOW VERY APPARENT. THREE LAUNCH SITES ARE UNDER CONSTRUCTION AND CLEARINGS ARE OBSERVED IN THE TRACKING/GUIDANCE AREA. PRIOR TO THIS MISSION, ONLY A FENCE LINE AND A PORTION OF THE MAIN ACCESS ROAD WERE VISIBLE.

SA-2 SAM SITES ARE NEWLY IDENTIFIED AT THE FOLLOWING LOCATIONS IN EGYPT -- 28.5 NM NW OF AL ISMAILIYAH, 23.5 NM NNW OF TANTA, AND 19.1 NM NNE OF TANTA.

AT THE PERM MUNITIONS & CHEMICAL COMBINE K KIROV 98, USSR, A NEW, PROBABLE DOUBLE-CASE CASTING IS IN THE MID-STAGE OF CONSTRUCTION SOUTHWEST OF THE NITROGLYCERIN PRODUCTION AREA.

AT THE KURUMOCH ROCKET ENGINE TEST FACILITY, USSR, A PROBABLE DIFFUSER TUBE HAS BEEN ADDED TO THE WESTERN TEST POSITION OF TEST STAND NO. 3.

STATUS OF TARGET READOUT

THIS SUPPLEMENT REPORTS ON 359 COMIREX TARGETS, ONE NON-COMIREX TARGET, AND 4 BONUS TARGETS.

## **Missiles**

25X1A

MISSILES

PLESETSK MISSILE AND SPACE CENTER UR 6254N 04038E

THE ENTIRE MISSILE AND SPACE CENTER IS COVERED WITH THE EXCEPTION OF THE ADMINISTRATION/HOUSING AREA AND LAUNCH SITE 5.

25X1D

PLESETSK LAUNCH SITE 1 UR 6255N 04027E

SERVICE TOWERS ARE OBSERVED ON BOTH PADS. A VEHICLE/PIECE OF EQUIPMENT IS ON THE RAMP TO THE LEFT PAD. A POSSIBLE VEHICLE/PIECE OF EQUIPMENT IS ON THE RAMP AT THE RIGHT PAD.

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

25X1D

PLESETSK LAUNCH SITE 2 UR 6256N 04031E

THE SERVICE TOWER IS OBSERVED IN PLACE AT THE LAUNCH SITE.

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

25X1D

PLESETSK LAUNCH SITE 3 UR 6257N 04041E

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

25X1D

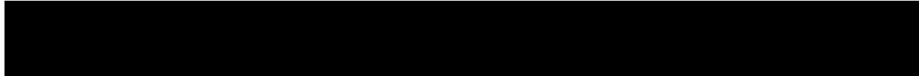
PLESETSK LAUNCH SITE 4 UR 6258N 04046E

ERECTOR MECHANISMS ARE OBSERVED IN PLACE AT BOTH PADS. A POSSIBLE STRUCTURE HAS BEEN ADDED TO THE SW PORTION OF THE SUPPORT FACILITY AT SITE 4. NO MISSILES



OBSERVED.

25X1D



25X1A

PLESETSK LAUNCH SITE 6 UR 6300N 04052E

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

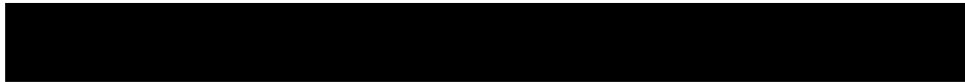
25X1D



PLESETSK LAUNCH SITE 7 UR 6251N 04034E

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

25X1D



PLESETSK LAUNCH SITE 8 UR 6253N 04047E

25X1D

THE 3 LARGE CYLINDRICAL OBJECTS  ARE STILL IN THE SAME POSITION AT THE SS-8 RAIL-TO-ROAD TRANSFER POINT AT SITE 8 AS REPORTED 

25X1D

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

25X1D



PLESETSK LAUNCH SITE 9 UR 6253N 04051E

THE GANTRY IS IN PLACE ON THE WEST PAD. MATERIALS FOR GANTRY CONSTRUCTION ARE STILL PRESENT TO THE REAR OF THE EAST PAD AREA.

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

25X1D

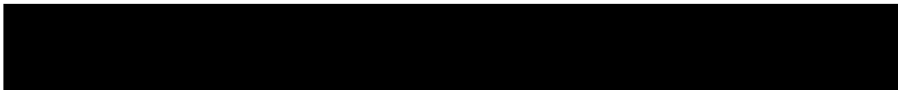


PLESETSK LAUNCH SITE 10

UR 6252N 04052E

THE GANTRY IS IN PLACE ON THE EAST PAD. MATERIALS ARE PRESENT TO THE REAR OF THE WEST PAD FOR POSSIBLE GANTRY CONSTRUCTION.

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



25X1D

PLESETSK LAUNCH SITE 11

UR 6257N 04126E

A PROBABLE MISSILE TRANSPORTER IS OBSERVED ON THE HARDSTAND OF THE NORTH PAD.

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



25X1D

PLESETSK PROB LAUNCH SITE 12

UR 6258N 04132E

POSSIBLE CONCRETE PAVING EXTENDS FROM THE ACCESS ROAD TO THE 2 STRUCTURES/BUILDINGS LOCATED WEST OF THE ACCESS ROAD WITHIN THE MAIN SECURED AREA. THE CONCRETE PAVING AT THE END OF THE ACCESS ROAD HAS BEEN EXTENDED AND WIDENED. A THIRD AREA OF NEW PAVING EXTENDS TO A PROBABLE STRUCTURE JUST TO THE EAST OF THE ACCESS ROAD AND DIRECTLY EAST OF THE LARGE STRUCTURE/BUILDING ON THE WEST SIDE OF THE ACCESS ROAD. NO DEFINITE LAUNCH POINT CAN BE IDENTIFIED AT THIS TIME. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.



25X1D

PLESETSK LAUNCH SITE 13

UR 6252N 04044E

ERECTORS ARE OBSERVED IN PLACE ON BOTH PADS. NO MISSILES OBSERVED. SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE IN THE VEHICLE PARKING AREA AT THE EAST END OF THE LOOP ROAD.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X1D

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25X1A

PLESETSK LAUNCH SITE 14

UR 6258N 04133E

THE PAD AREA HAS BEEN EXTENDED ON THE NORTH SIDE AND APPARENTLY LENGTHENED. THE SHAPE OF THE PAD MORE NEARLY CONFORMS TO THAT AT LAUNCH SITE 11 THAN PREVIOUSLY REPORTED. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

PLESETSK LAUNCH SITE 15

UR 6258N 04124E

POOR INTERPRETABILITY PRECLUDES A DETAILED READOUT OF THIS SITE. IN CONTRAST TO SITE 21, IT APPEARS THAT THE LOOP ROAD IS NOT PAVED AT THIS TIME. BACKFILLING OF THE SILOS, CONDUIT, AND ASSOCIATED STRUCTURES MAY HAVE BEEN COMPLETED AT THE 2 NORTHERN SILOS. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

PLESETSK LAUNCH SITE 16

UR 6246N 04035E

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

25X1D

PLESETSK LAUNCH SITE 17

UR 6254N 04124E

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

25X1D

PLESETSK LAUNCH SITE 18

UR 6258N 04139E

EARTH-MOUNDING OF SILO HEADWORKS AND ASSOCIATED BUILDINGS IS APPARENT. THE ACCESS ROAD APPEARS ELEVATED TO THE SILO AREA. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

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25X1A

PLESETSK LAUNCH SITE 19

UR 6255N 04136E

SILO HEADWORKS APPEAR COMPLETE. A POSSIBLE STRUCTURE IS ATTACHED TO THE EAST SIDE OF THE SILO HEADWORKS. A POSSIBLE STRUCTURE IS UNDER CONSTRUCTION ADJACENT TO THE SOUTH SIDE OF THE SILO HEADWORKS. A BUILDING UNDER CONSTRUCTION ON THE NORTH SIDE OF THE ACCESS ROAD APPEARS TO BE IDENTICAL TO ONE AT SITE 17 AND HAS THE SAME RELATIONSHIP TO THE SILO HEADWORKS. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

PLESETSK PROB LAUNCH SITE 20

UR 6255N 04140E

THE ACCESS ROAD AND PART OF THE PAD AREA APPEAR PAVED. A PROBABLE BUILDING IS SOUTH OF THE ACCESS ROAD. APPARENT MOUNDING OF THE SILO HEADWORKS IS EVIDENT. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

PLESETSK LAUNCH SITE 21

UR 6258N 04123E

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

25X1D

PLESETSK LAUNCH SITE 22

UR 6253N 04145E

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

25X1D

PLESETSK LAUNCH SITE 23

UR 6300N 04133E

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

25X1D

25X1A

PLESETSK LAUNCH SITE 24 UR 6300N 04133E

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

25X1D

25X2

PLESETSK CONSTRUCTION SUPPORT FACILITY UR 6254N 04038E

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

25X1D

PLESETSK RAIL-TO-ROAD TRANSFER POINT UR 6255N 04044E

SEVERAL RAIL CARS AND SEVERAL POSSIBLE VEHICLES/PIECES OF EQUIPMENT ARE IN THE TRANSFER POINT.

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

25X1D

YOSHKAR-OLA ICBM COMPLEX UR 5633N 04801E

ALL 6 SITES ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED. THE COMPLEX SUPPORT FACILITY AND THE RAIL-TO-ROAD TRANSFER POINT ARE COVERED.

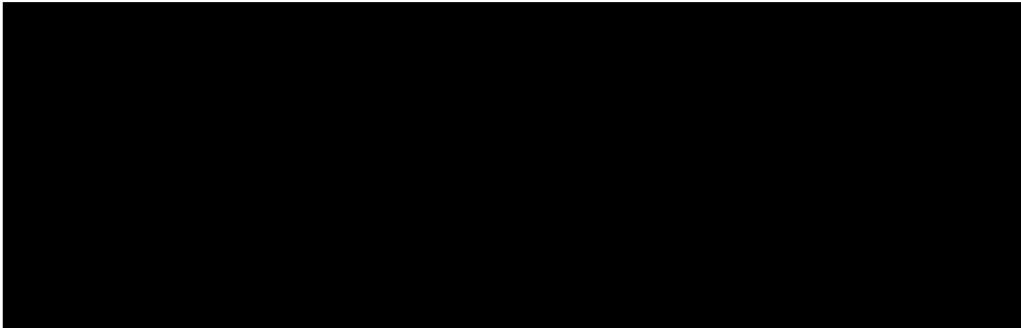
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25X1D



25X1A

SVOBODNY ICBM COMPLEX UR 5146N 12806E



TEN TYPE IIID LAUNCH SITES (1 POSSIBLE), 2 TYPE IIB LAUNCH SITES, AND 1 TYPE IID LAUNCH SITE ARE INTERPRETABLE. LAUNCH SITES 1, 6, 11, 56, AND 73 CAN BE IDENTIFIED ONLY. NO SIGNIFICANT ACTIVITY OBSERVED.

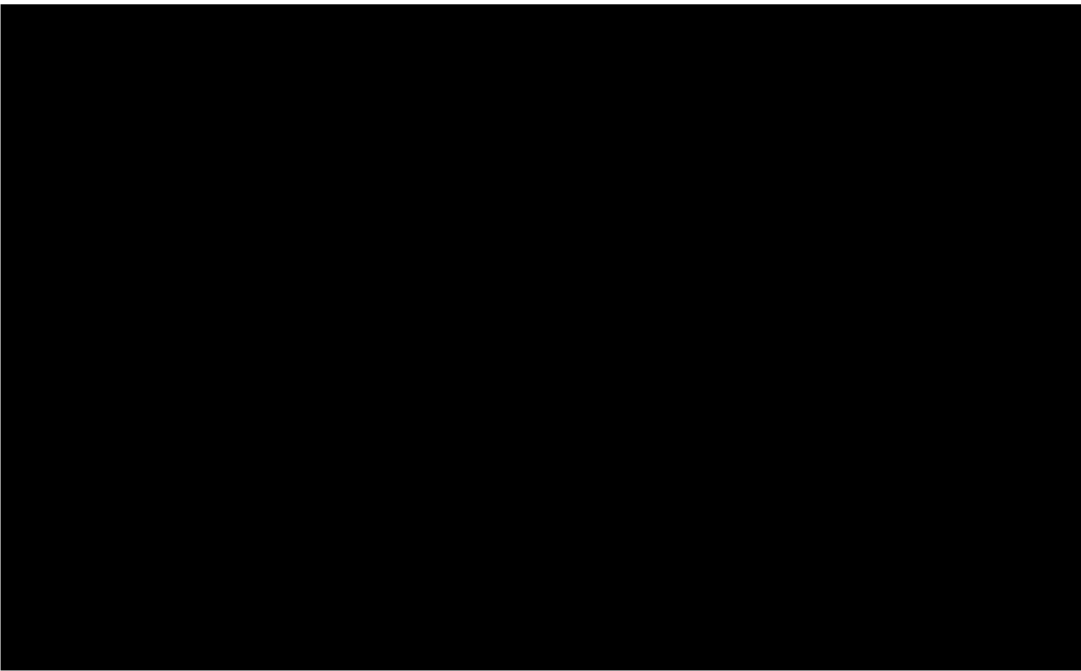
DETAILED DATA FOR INTERPRETABLE TYPE IIID LAUNCH SITES --

LAUNCH GROUP I -- ALL 10 SITES ARE COMPLETE. SITE 21 IS INTERPRETABLE.

LAUNCH GROUP L -- SITES 40, 41, AND 49-52 ARE IN LATE STAGES OF CONSTRUCTION.

LAUNCH GROUP N -- POSSIBLE LAUNCH SITE 68 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

25X1D



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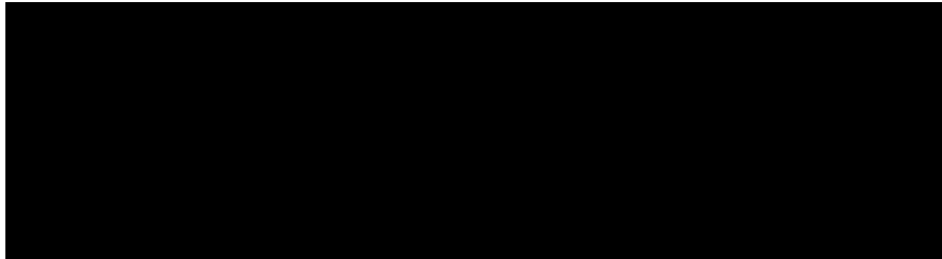
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25X1D



25X1A

KOSTROMA ICBM COMPLEX

UR 5746N 04101E

THE COMPLEX SUPPORT FACILITY CAN BE IDENTIFIED ONLY. LAUNCH SITE 37 IS INTERPRETABLE AND REMAINS IN THE MID-STAGE OF CONSTRUCTION. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



ITATKA ICBM COMPLEX

UR 5650N 08535E

TWO OF THE 3 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED. THE THIRD LAUNCH SITE CAN BE IDENTIFIED ONLY.

25X1D



OMSK ICBM COMPLEX

UR 5504N 07331E

THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT, AND LAUNCH SITE 1 ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



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TOP SECRET CHESS RUFF

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25X1D



25X1A

PERM ICBM COMPLEX

UR 5742N 05619E



FORTY OF THE 41 KNOWN TYPE IIID LAUNCH SITES, 6 SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED. NO SIGNIFICANT ACTIVITY OBSERVED.

DETAILED DATA FOR INTERPRETABLE TYPE IIID LAUNCH SITES --

LAUNCH GROUP G -- ALL 10 SITES (7, 11-13, 15, 18-20, 23, AND 35) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP H -- ALL 10 SITES (29-34, 36, 40, 42, AND 59) ARE COMPLETE AND INTERPRETABLE.

LAUNCH GROUP I -- ALL 10 SITES ARE COMPLETE. NINE SITES (8, 10, 17, 22, 25, 38, 39, 41, AND 43) ARE INTERPRETABLE.

LAUNCH GROUP J -- ALL 10 SITES (45-49, 51, 52, 57, 58, AND 61) ARE COMPLETE AND INTERPRETABLE.

LAUNCH SITE 60X REMAINS IN THE LATE STAGE OF CONSTRUCTION.

25X1D



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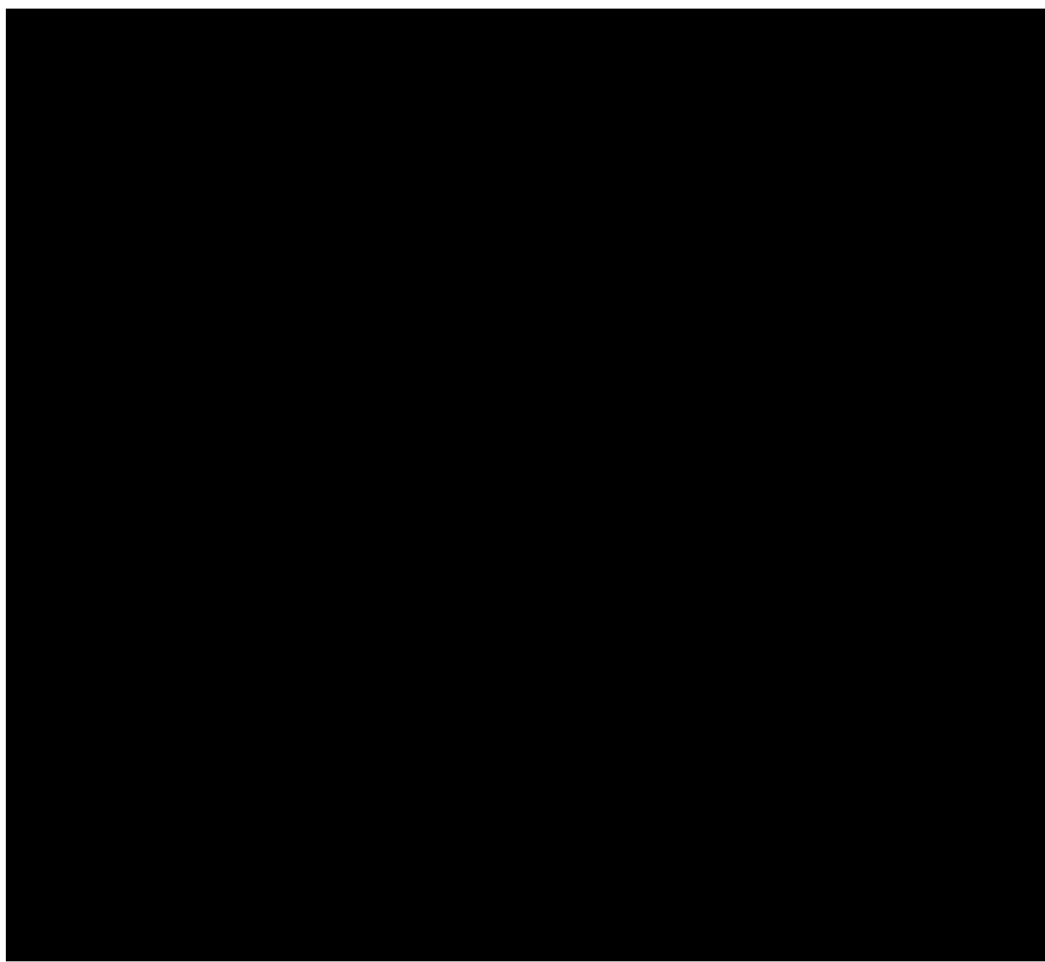
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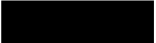
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25X1D



25X1A

TEYKOVO ICBM COMPLEX

UR 5652N 04034E 

THE COMPLEX SUPPORT FACILITY, THE RAIL-TO-ROAD TRANSFER POINT, AND SITES 3, 4, 5, AND 6 ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



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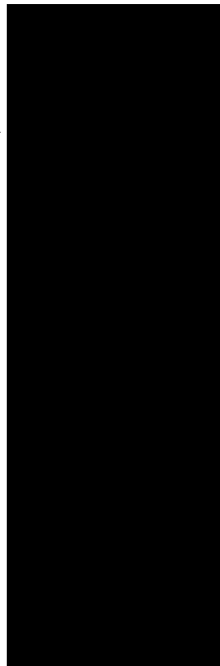
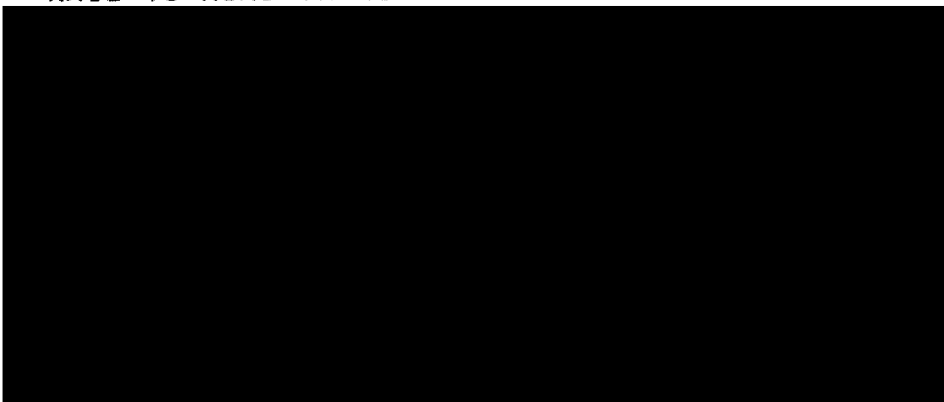
25X1A

TYUMEN ICBM COMPLEX

UR 5652N 06551E

SITES 2 AND 3 AND THE COMPLEX SUPPORT FACILITY ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED. THE RAIL-TO-ROAD TRANSFER POINT CAN BE IDENTIFIED ONLY.

25X1D



GLADKAYA ICBM COMPLEX

UR 5606N 09214E

THIRTY-SEVEN OF THE 64 KNOWN LAUNCH SITES AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE.

DETAILED DATA AND CONSTRUCTION STATUS --

GROUP F -- FOUR OF THE 10 COMPLETED SITES (7, 9, 10, AND 22) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED. SITES 8, 11, 12, 14, 15, AND 20 CAN BE IDENTIFIED ONLY.

GROUP G -- FOUR OF THE 10 COMPLETED SITES (18, 21, 39, AND 40) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED. SITES 16, 17, 19, 23, 24, AND 38 CAN BE IDENTIFIED ONLY.

GROUP H -- SIX OF THE 10 COMPLETED SITES (25-27, 33, 34, AND 36) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

GROUP I -- FIVE OF THE 10 COMPLETED SITES (35, 43-45, AND 47) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

GROUP J -- FIVE OF THE 10 COMPLETED SITES (51, 52, 54, 57, AND 62) ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED. SITES 49, 55, AND 56 CAN BE IDENTIFIED ONLY.

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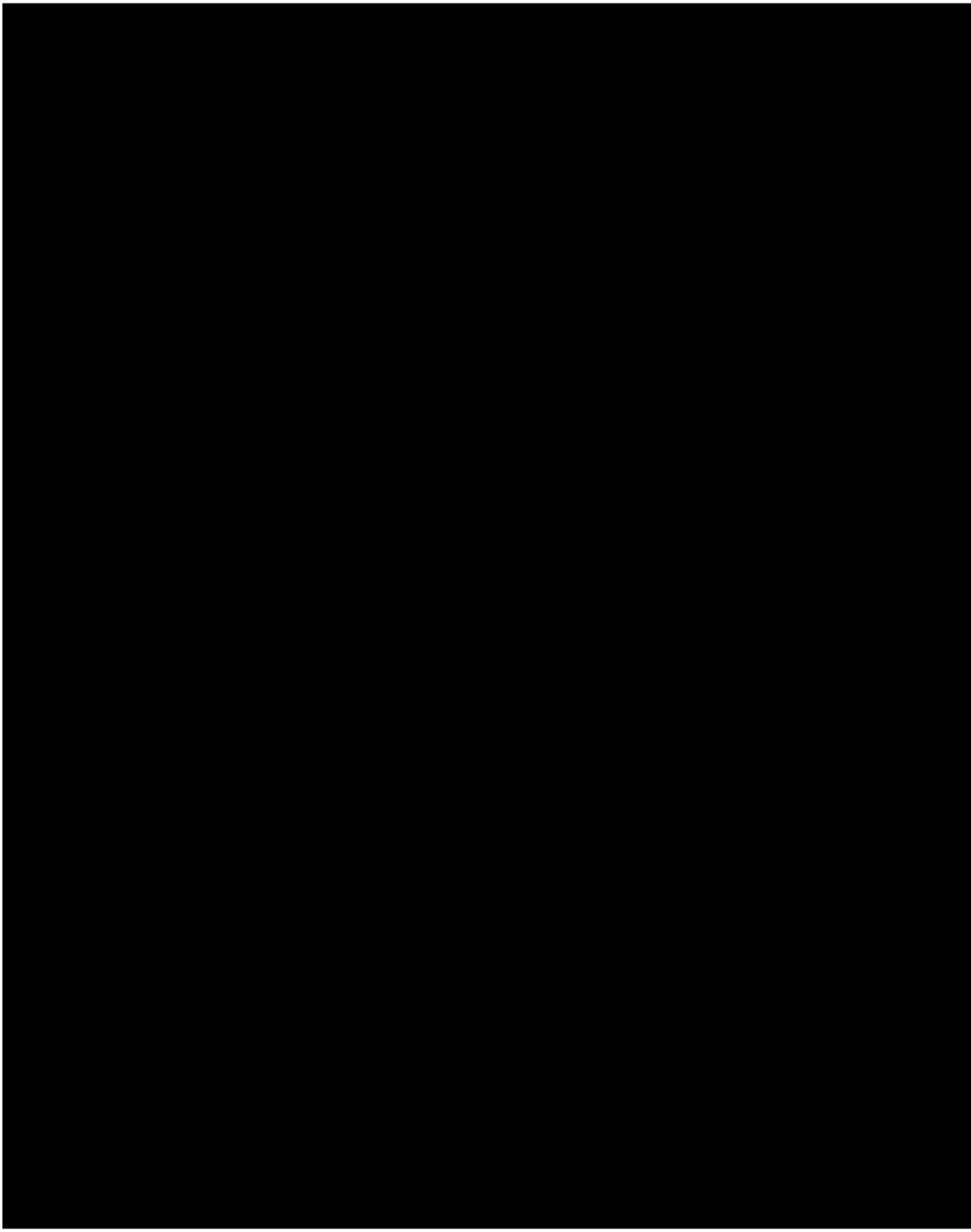
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GROUP K -- LAUNCH SITE 64 IS COMPLETE. SITES 60 AND 66-72 ARE IN UNDETERMINED STAGES OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.

LAUNCH SITES 2, 3, 5, AND TRANSFER POINT 59X ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

25X1D



25X1D

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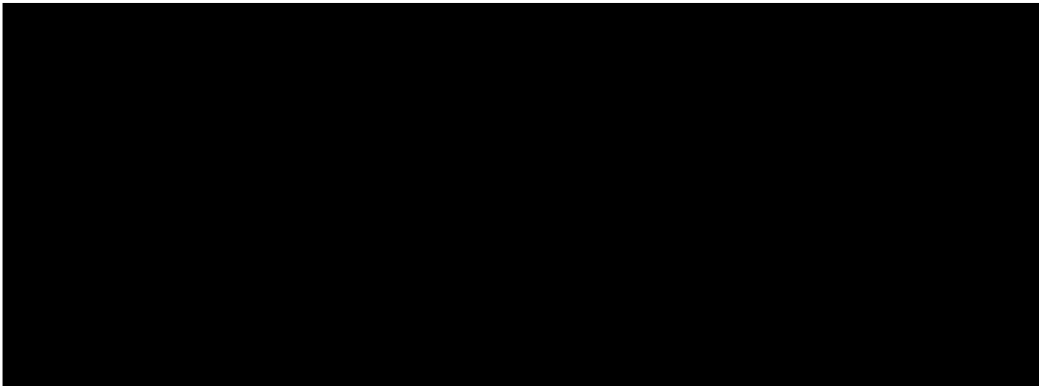
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25X1D



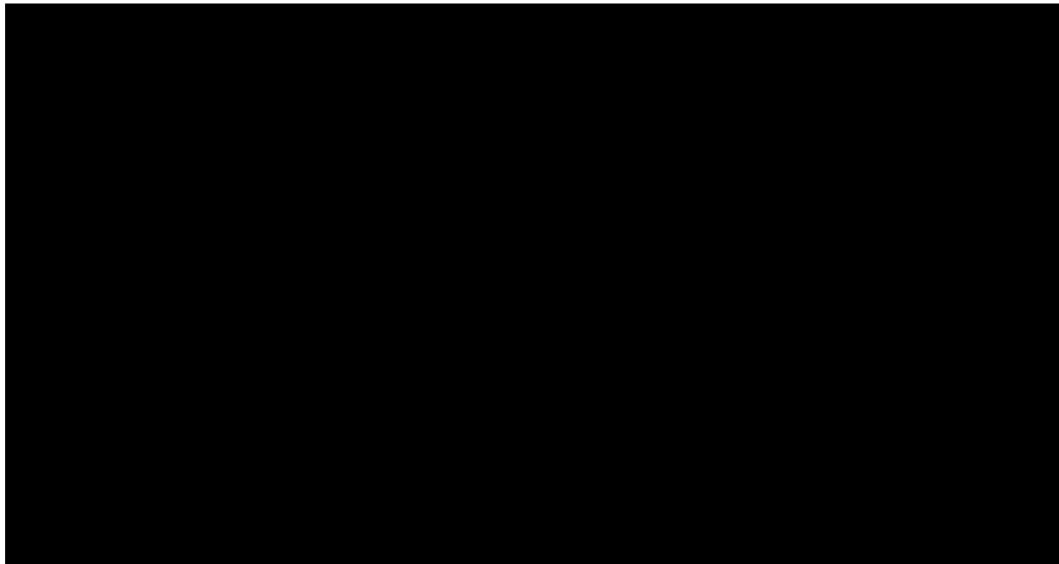
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NOVOSIBIRSK ICBM COMPLEX

UR 5515N 08259E

THE 5 KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED ON PHOTOGRAPHY OF FAIR-TO-POOR INTERPRETABILITY. NO SIGNIFICANT ACTIVITY IS OBSERVED AT THE LAUNCH SITES OR THE RAIL-TO-ROAD TRANSFER POINT. THE COMPLEX SUPPORT FACILITY APPEARS TO BE AT A NORMAL LEVEL OF ACTIVITY.

25X1D



KOZELSK ICBM COMPLEX

UR 5356N 03549E

THIRTY-TWO TYPE IIID LAUNCH SITES, 2 PROBABLE TYPE IIID LAUNCH SITES, 4 SS-8 LAUNCH SITES, THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITY ARE INTERPRETABLE. TWO TYPE IIID LAUNCH SITES CAN BE IDENTIFIED ONLY. UNIDENTIFIED GROUND SCARRING IS IN THE VICINITY OF PROBABLE LAUNCH SITE 55. AT THE RAIL-TO-ROAD TRANSFER POINT

25X9

Handle Via  
TALENT-KEYHOLE  
Control System Only

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TOP SECRET CHESS RUFF

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X9



DETAILED DATA AND CONSTRUCTION STATUS --

GROUP G -- SEVEN OF THE 10 COMPLETED LAUNCH SITES (7, 9-12, 22, AND 26) ARE INTERPRETABLE.

GROUP H -- FIVE OF THE 10 LAUNCH SITES (15-17, 30, AND 39) ARE INTERPRETABLE. CONSTRUCTION STATUS IS UNDETERMINED.

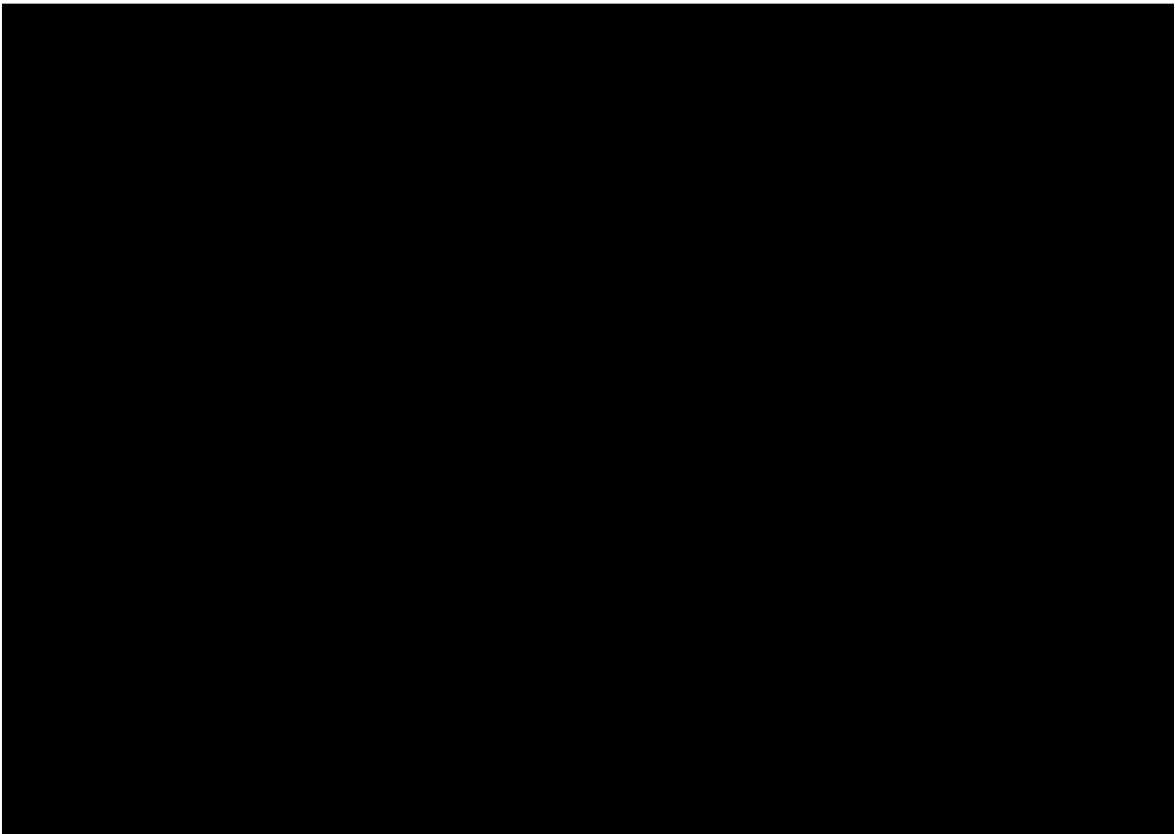
GROUP I -- ALL 10 LAUNCH SITES (32-38, 40, 41, AND 45) ARE INTERPRETABLE. CONSTRUCTION STATUS IS UNDETERMINED.

GROUP J -- ALL 10 LAUNCH SITES (43, 44, AND 47-54) ARE INTERPRETABLE. CONSTRUCTION STATUS IS UNDETERMINED.

GROUP K -- PROBABLE LAUNCH SITE 55 IS INTERPRETABLE. CONSTRUCTION STATUS IS UNDETERMINED.

RAIL-TO-ROAD TRANSFER POINT SITE 46X IS INTERPRETABLE. CONSTRUCTION STATUS IS UNDETERMINED.

25X1D



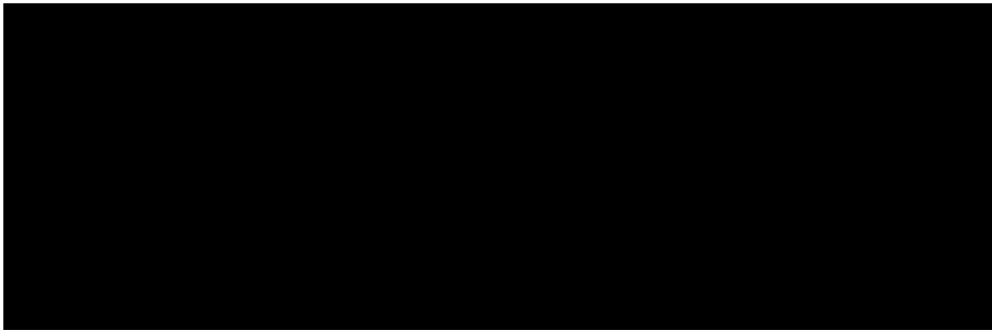
25X1D

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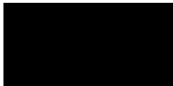
25X1D



25X1A

OLOVYANNAYA ICBM COMPLEX

UR 5049N 11550E



25X1D

FORTY-EIGHT OF THE 87 KNOWN TYPE IIID LAUNCH SITES, THE 3 TYPE IIIA SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE. THIS TOTAL INCLUDES NEWLY IDENTIFIED POSSIBLE LAUNCH SITE 92L (REPORTED IN TCS-80495/67, THE OAK [REDACTED] ELEVEN TYPE IIID SITES CAN BE IDENTIFIED ONLY. LAUNCH SITE 87L IS NOW CONFIRMED. A LOW LEVEL OF ACTIVITY IS OBSERVED IN THE DISTRIBUTION POINT OF THE COMPLEX SUPPORT FACILITY. THREE PIECES OF EQUIPMENT ARE OBSERVED IN THE RIM FACILITY OF THE TRANSFER POINT. NO SIGNIFICANT ACTIVITY IS OBSERVED AT THE 3 TYPE IIIA SITES OR AT ANY OTHER COMPONENT OF THE COMPLEX.

CONSTRUCTION STATUS AND DETAILED DATE FOR TYPE IIID SITES --

LAUNCH GROUP D -- ALL 10 COMPLETED SITES (4-13) ARE INTERPRETABLE.

LAUNCH GROUP E -- EIGHT OF THE 10 COMPLETED SITES (14-16, 18, AND 20-23) ARE INTERPRETABLE.

LAUNCH GROUP F -- FOUR OF THE 10 COMPLETED SITES (39, 40, 42, AND 43) ARE INTERPRETABLE.

LAUNCH GROUP G -- FIVE OF THE 10 COMPLETED SITES (25-27, 31, AND 33) ARE INTERPRETABLE. SITES 30 AND 34 CAN BE IDENTIFIED ONLY.

LAUNCH GROUP I -- THREE OF THE 10 SITES (81, 83, AND 85) ARE INTERPRETABLE. SITES 81 AND 85 ARE IN LATE STAGES OF CONSTRUCTION AND SITE 83 IS COMPLETE.

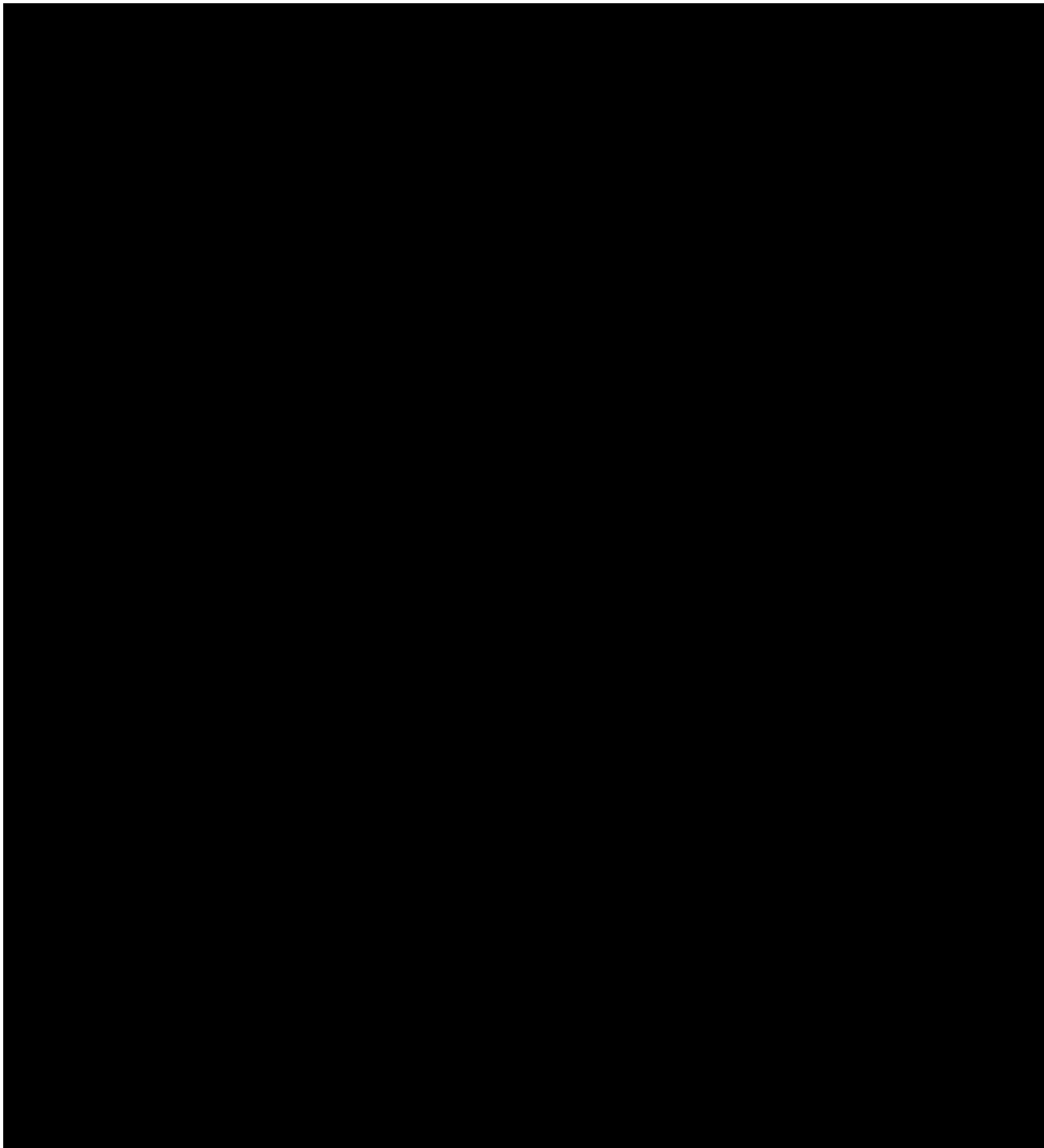
LAUNCH GROUP J -- FOUR OF THE 10 SITES (74-77) ARE INTERPRETABLE AND COMPLETE.

LAUNCH GROUP K -- ALL 10 SITES (63, 66-72, 79, AND 80) ARE INTERPRETABLE. ALL ARE COMPLETE EXCEPT SITE 67 WHICH IS IN A LATE STAGE OF CONSTRUCTION.

LAUNCH GROUP L -- THREE OF THE 6 KNOWN SITES (87, 90, AND POSSIBLE 92) ARE INTERPRETABLE. ALL 3 ARE IN EARLY STAGES OF CONSTRUCTION.

TRANSFER POINT SITE -- SITE 24X IS IN A LATE STAGE OF CONSTRUCTION.

25X1D

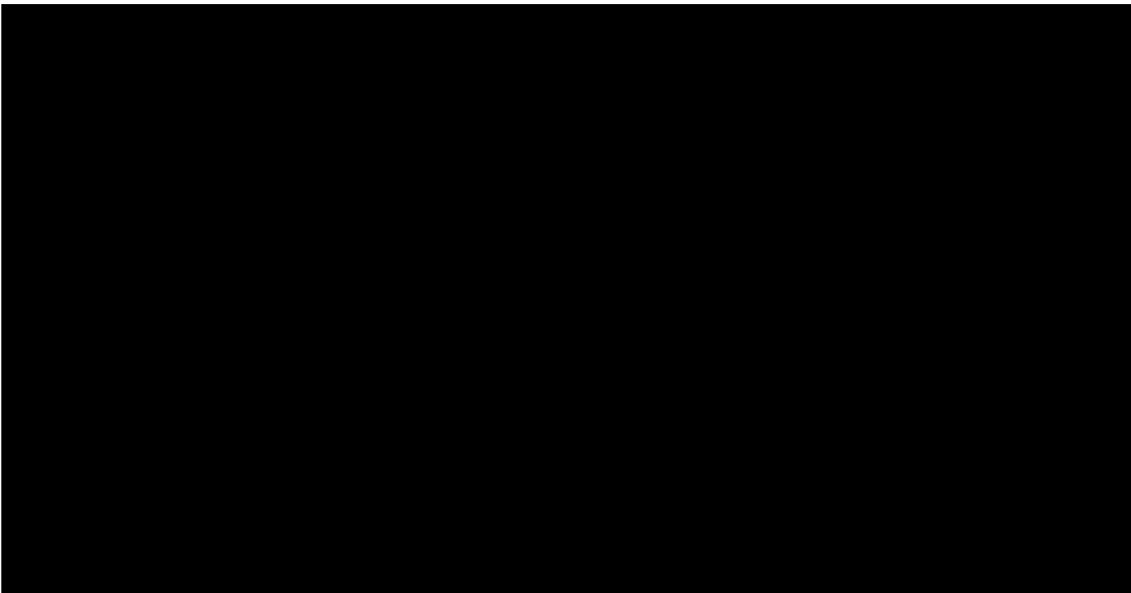


25X1D

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25X1D



25X1A

DOMBAROVSKIY ICBM COMPLEX

UR 5101N 05950E



TWENTY-SIX OF THE KNOWN 37 TYPE IIIC LAUNCH SITES AND A PORTION OF THE COMPLEX SUPPORT FACILITY ARE INTERPRETABLE. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STAGES AND DETAILED DATA FOR LAUNCH SITES --

LAUNCH GROUP A -- FOUR OF THE 6 COMPLETED SITES (2, 3, 6, AND 7) ARE INTERPRETABLE.

LAUNCH GROUP B -- FIVE OF THE 6 COMPLETED SITES (9-13) ARE INTERPRETABLE.

LAUNCH GROUP C -- FOUR OF THE 6 COMPLETED SITES (14, 15, 17, AND 19) ARE INTERPRETABLE.

LAUNCH GROUP D -- FOUR OF THE 6 SITES (22, 23, 25, AND 26) ARE INTERPRETABLE. THESE SITES ARE NOW COMPLETE.

LAUNCH GROUP E -- ALL 6 SITES (28-32 AND 34) ARE INTERPRETABLE. THEY ARE ALL IN THE MID-STAGE OF CONSTRUCTION.

LAUNCH GROUP F -- THREE OF THE 6 SITES (35, 37, AND 39) ARE INTERPRETABLE. THEY ARE IN THE MID-STAGE OF CONSTRUCTION.

25X1D

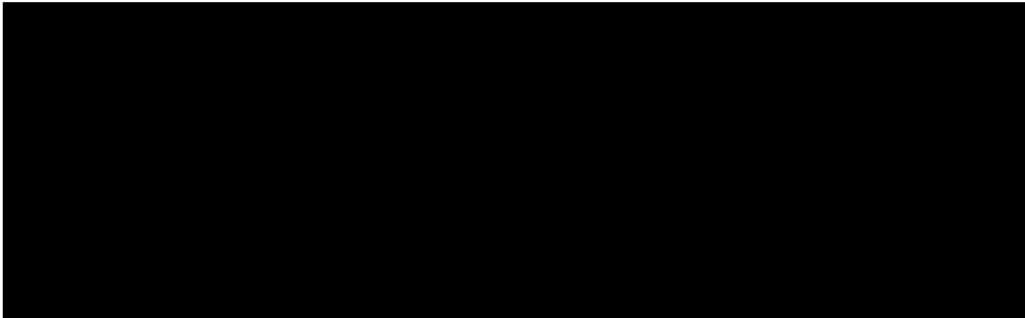


25X1D

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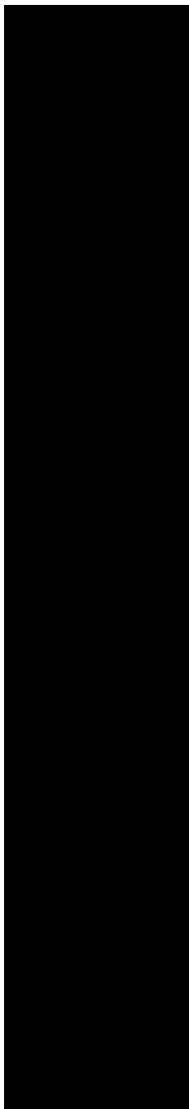
25X1D



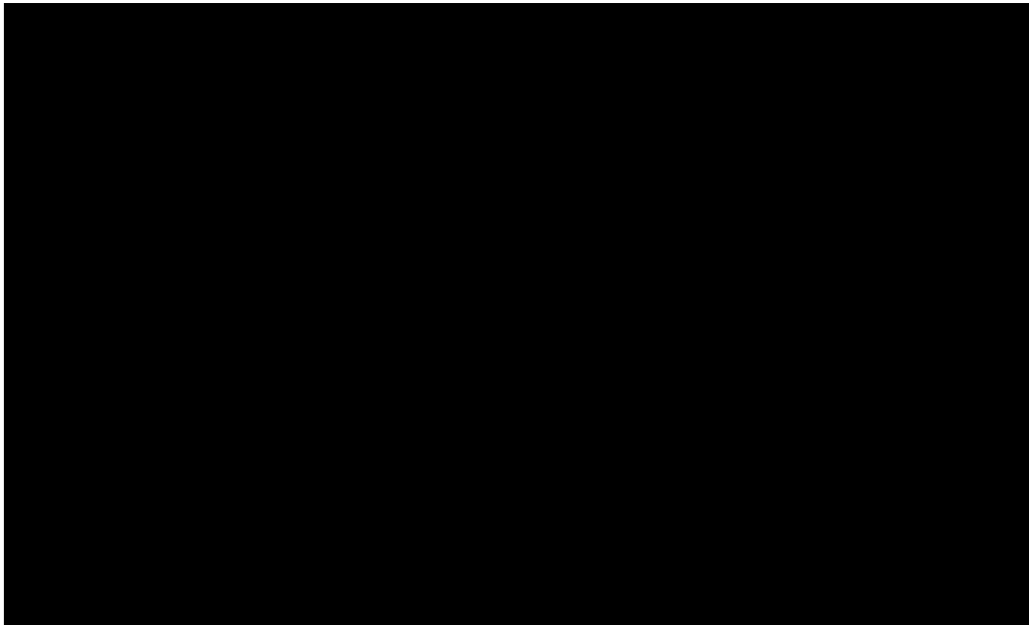
25X1A

ALEYSK ICBM COMPLEX UR 5229N 08243E

EIGHT OF THE 19 KNOWN SITES ARE INTERPRETABLE.  
LAUNCH GROUP B -- SITES 8-11 AND 13 NOW APPEAR COMPLETE.  
LAUNCH GROUP C -- SITES 17, 19, AND 20 ARE IN THE MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.



25X1D



IMENI GASTELLO ICBM COMPLEX UR 5106N 06618E

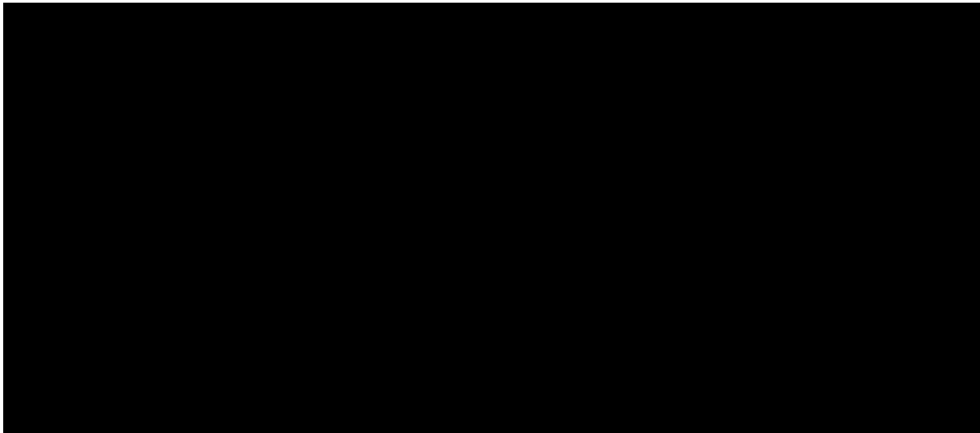
FIVE OF THE 25 KNOWN TYPE IIIC LAUNCH SITES ARE OBSERVED ON PHOTOGRAPHY OF FAIR-TO-POOR INTERPRETABILITY. THE COMPLEX SUPPORT FACILITY AND THE RAIL-TO-ROAD TRANSFER POINT ARE CLOUD COVERED. NO SIGNIFICANT ACTIVITY OBSERVED.

CONSTRUCTION STATUS AND DETAILED DATA FOR INTERPRETABLE  
TYPE IIIIC LAUNCH SITES --

LAUNCH GROUP C -- ALL 6 SITES ARE COMPLETE. ONE SITE  
(17) IS INTERPRETABLE.

LAUNCH GROUP D -- FOUR SITES (20, 22, 24, AND 25) ARE  
INTERPRETABLE. THEY REMAIN IN THE MID-STAGE OF  
CONSTRUCTION.

25X1D



25X1A

TATISHCHEVO ICBM COMPLEX

UR 5140N 04534E



ONE HUNDRED AND NINETEEN TYPE IIID LAUNCH SITES, 1  
POSSIBLE LAUNCH SITE, THE RAIL-TO-ROAD TRANSFER POINT,  
AND THE COMPLEX SUPPORT FACILITY ARE OBSERVED. LAUNCH  
SITES 146, 147, AND 148, PROBABLE LAUNCH SITES 149,  
150, AND 151, AND POSSIBLE LAUNCH SITE 152 ARE FIRST  
OBSERVED ON THIS MISSION (SEE TCS-80495/67, THE OAK  
REPORT [REDACTED] LAUNCH SITE 146 IS THE CONTROL  
SITE FOR THE L GROUP WITH SILO CORING AND EXCAVATION  
FOR GROUP CONTROL BUILDINGS IN PROGRESS. ALL SITES IN  
THE L GROUP ARE IN EARLY STAGES OF CONSTRUCTION. IN  
THE H GROUP, THERE IS A DEFINITE CONSTRUCTION LAG ON  
SITES 101 AND 126-129 WHICH ARE IN THE MID-STAGE OF  
CONSTRUCTION. THE REMAINING 5 SITES IN THE H GROUP ARE  
WELL INTO THE LATE STAGE OF CONSTRUCTION. CONTROL SITE  
124 IN THE K GROUP HAS THE RECTANGULAR MOUND PATTERN  
OFF-SET APPROXIMATELY A PATTERN WIDTH WEST OF THE SILO.  
THIS IS THE ONLY SITE THAT APPEARS TO BE ALTERED FROM  
THE NORMAL PATTERN THAT SURROUNDS THE SILO. THE  
OFF-SET IS POSSIBLY DUE TO TERRAIN FEATURES. COMPLEX  
PERIMETER SITES IN THE G, I, J, AND K GROUPS HAVE  
HELICOPTER PADS INSTALLED. THE 7 HOUND HELICOPTERS AT  
THE RAIL-TO-ROAD TRANSFER POINT, REPORTED [REDACTED]  
[REDACTED] PROBABLY ARE OR WILL BE PERMANENTLY BASED

25X1D

25X1D

25X1D

AT THE COMPLEX. POSSIBLE LAUNCH SITE 145 IS NOT CONSIDERED A VALID SITE AND IS DELETED FROM NPIC LISTINGS. AT THE RAIL-TO-ROAD TRANSFER POINT, RAIL AND VEHICLE ACTIVITY IS HEAVY. A NEW AREA UNDER CONSTRUCTION SOUTH OF THE TRANSFER POINT HAS EXPANDED WITH ADDITIONAL DITCHING AND EARTH GRADING, PROBABLY FOR ADDITIONAL BUILDINGS. FUNCTION OF THIS AREA CANNOT BE DETERMINED, BUT THE AREA IS AN EXPANDED PART OF THE RAIL-TO-ROAD TRANSFER POINT AND IS BEING CONNECTED WITH UTILITIES FROM TRANSFER POINT RESOURCES. THE COMPLEX HARDENED COMMAND AND CONTROL BUILDING HAS BEEN EARTH COVERED AND HOUSING CONSTRUCTION AT THE COMPLEX SUPPORT FACILITY IS COMPLETE. AN AIR LIQUEFACTION PLANT SOUTH OF PETROVSK, ON THE EAST SIDE OF THE COMPLEX MAIN ROAD BETWEEN SITES 91 AND 116, IS COMPLETE. ADJACENT TO THE COMPLETED PLANT, A PROBABLE DUPLICATE FACILITY IS UNDER CONSTRUCTION. THIS PLANT WILL PROBABLY FURNISH THE LIQUID NITROGEN REQUIREMENTS OF THE ICBM COMPLEX. NO OTHER SIGNIFICANT MISSILE ACTIVITY OBSERVED.

DETAILED DATA AND CONSTRUCTION STATUS --

GROUP A -- ALL 10 COMPLETED LAUNCH SITES (1-3 AND 5-11) ARE INTERPRETABLE.

GROUP B -- ALL 10 COMPLETED LAUNCH SITES (12-17, 19, 21, 29, AND 30) ARE INTERPRETABLE.

GROUP C -- ALL 10 COMPLETED LAUNCH SITES (20, 22, 24-28, 32, 44, AND 57) ARE INTERPRETABLE.

GROUP D -- ALL 10 COMPLETED LAUNCH SITES (36-42, 54, 72, AND 73) ARE INTERPRETABLE.

GROUP E -- ALL 10 LAUNCH SITES (45, 47, 76, 77, 80, 82, 100, 103, 120, AND 122) ARE INTERPRETABLE AND THE GROUP IS NOW COMPLETE.

GROUP F -- ALL 10 COMPLETED LAUNCH SITES (51, 58, 59, 61-63, 65, 66, 89, AND 90) ARE INTERPRETABLE.

GROUP G -- ALL 10 COMPLETED LAUNCH SITES (67, 71, 75, 88, 92, 97, 98, 108, 131, AND 137) ARE INTERPRETABLE. SITE 92 AND POSSIBLY 88 AND 131 HAVE HELICOPTER PADS.

GROUP H -- ALL 10 LAUNCH SITES ARE INTERPRETABLE. SITES 94-96 AND 102 ARE IN LATE STAGES OF CONSTRUCTION AND SITES 101, 119, AND 126-129 REMAIN IN THE MID-STAGE OF CONSTRUCTION.



TOP SECRET CHESS RUFF

TCS-80497/67

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GROUP I -- ALL 10 COMPLETED LAUNCH SITES (74, 83-86, 93, 104, 116, AND 136) ARE INTERPRETABLE. ALL SITES HAVE HELICOPTER PADS.

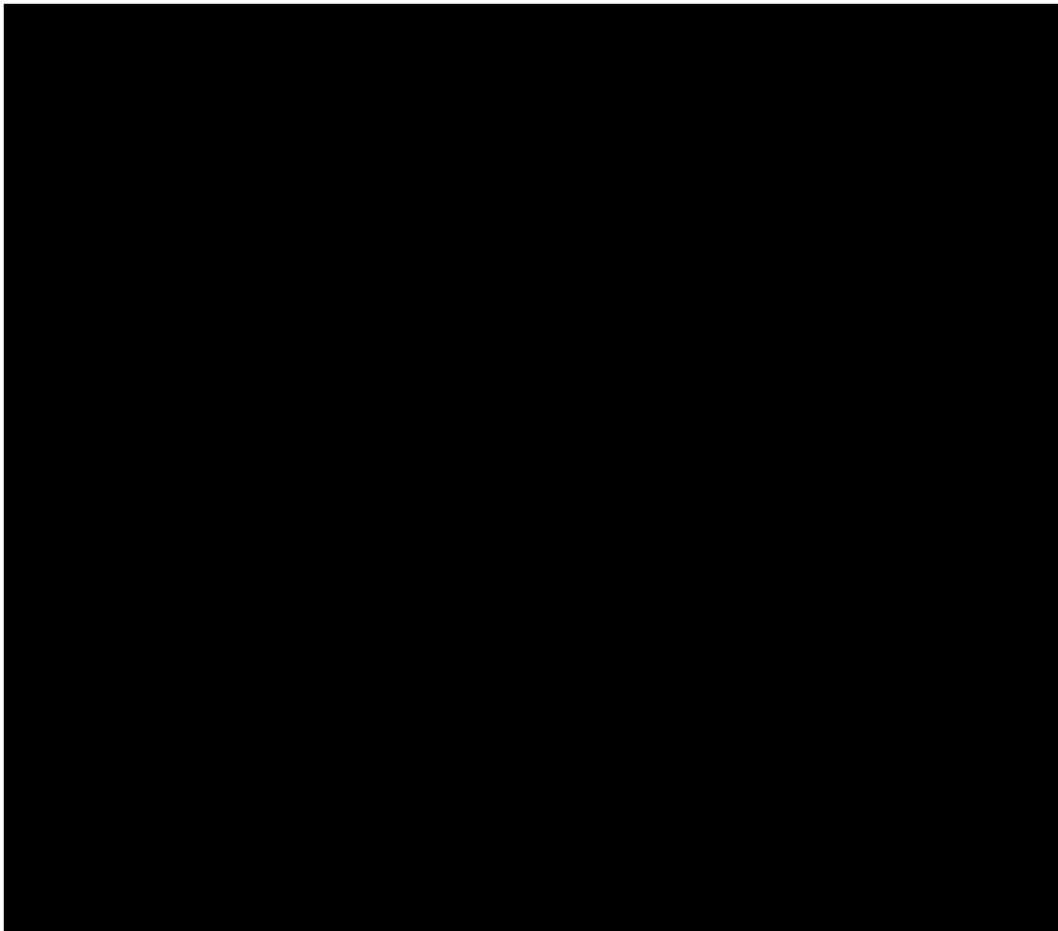
GROUP J -- ALL 10 LAUNCH SITES ARE INTERPRETABLE. SITES 81, 109-112, 115, 117, 118, AND 123 ARE COMPLETE AND HAVE HELICOPTER PADS. SITE 99 REMAINS IN A LATE STAGE OF CONSTRUCTION.

GROUP K -- ALL 10 LAUNCH SITES ARE INTERPRETABLE. ALL SITES (121, 124, 125, 132-134, AND 138-141) ARE COMPLETE AND HAVE HELICOPTER PADS.

GROUP L -- ALL 9 LAUNCH SITES (143, 144, 146-148, PROBABLE 149 THROUGH PROBABLE 151, AND POSSIBLE 152) ARE INTERPRETABLE. ALL SITES ARE IN EARLY STAGES OF CONSTRUCTION. SITE 146 IS THE CONTROL SITE FOR THE GROUP.

RAIL-TO-ROAD TRANSFER POINT -- COMPLETED LAUNCH SITE 35X IS INTERPRETABLE.

25X1D



TOP SECRET CHESS RUFF

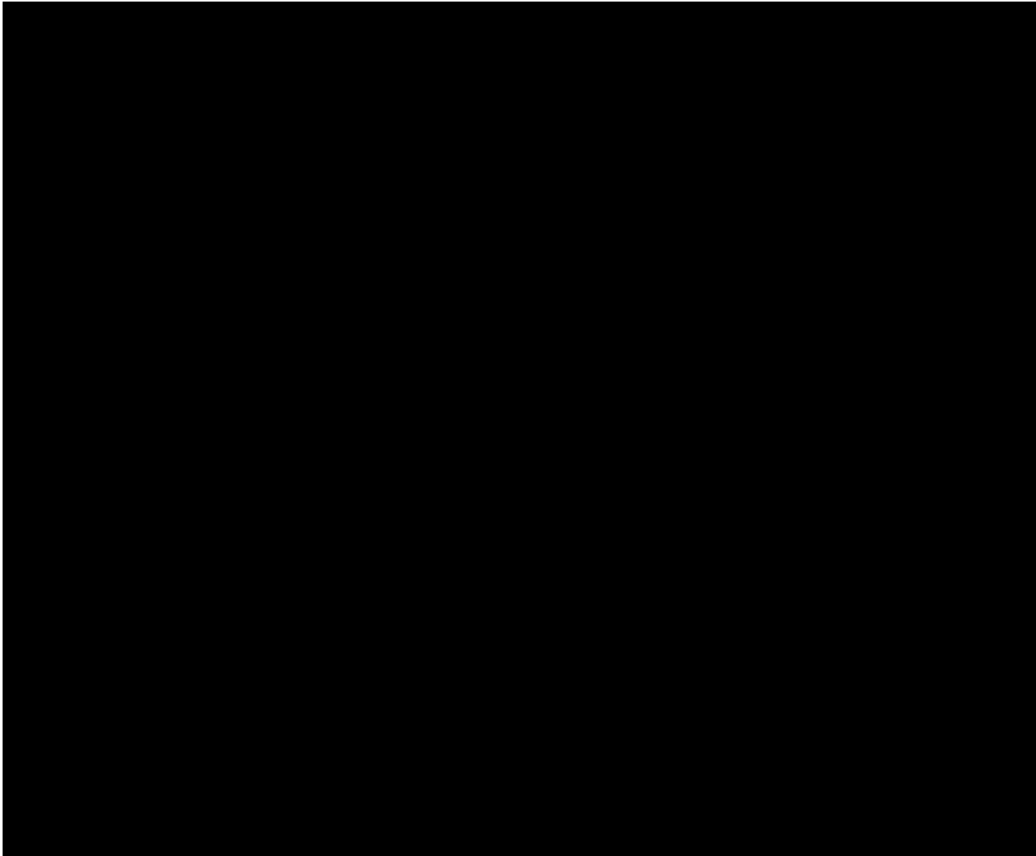
25X1D

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**Next 3 Page(s) In Document Exempt**

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25X1D



25X1A

PETROVSKIY IRBM LAUNCH SITE UR 5000N 05657E

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

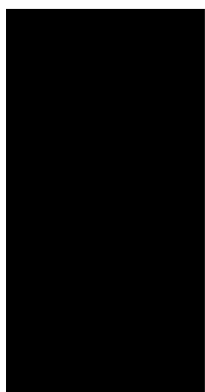
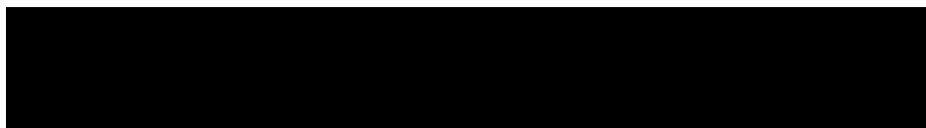
25X1D



BALTA MRBM LAUNCH SITE 1 UR 4801N 02934E

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

25X1D



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TOP SECRET CHESS RUFF

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TCS-80497/67

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25X1A

KODMYA FIXED FIELD MRBM SITE

UR 4804N 02918E

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

25X1D

SOFIYE-ALEKSEYEVSKOYE MRBM LAUNCH SITE

UR 4415N 13122E

A POSSIBLE MISSILE ERECTOR IS VISIBLE ON 1 LAUNCH PAD.  
TWO POSSIBLE VEHICLES ARE IN THE MOTOR POOL AREA.

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

25X1D

BARANO-ORENBURGSKOYE MRBM LAUNCH SITE

UR 4420N 13130E

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

25X1D

SOFIYE-ALEKSEYEVSKOYE FIXED FLD MRBM SITE UR 4411N 13124E

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

25X1D

OLEVSK MRBM LAUNCH SITE 1

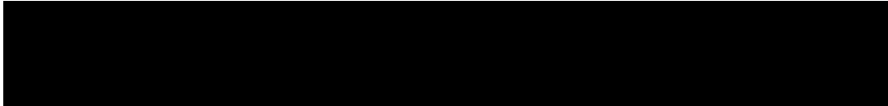
UR 5108N 02759E

PROBABLE ERECTORS ARE POSITIONED ON EACH OF THE 4  
LAUNCH PADS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



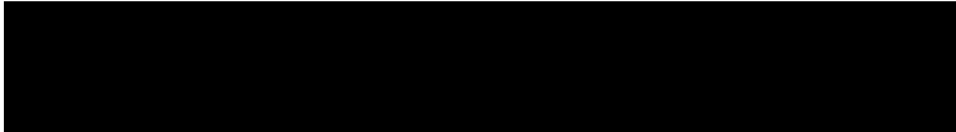
25X1A

OLEVSK MRBM LAUNCH SITE 2 UR 5110N 02803E

PROBABLE ERECTORS ARE POSITIONED ON EACH OF THE 4 LAUNCH PADS.

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

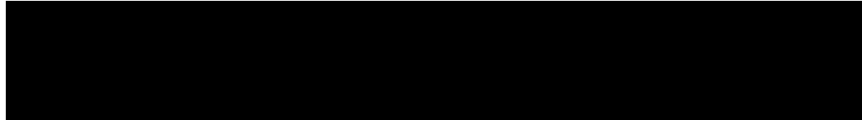
25X1D



RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE UR 5103N 02807E

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

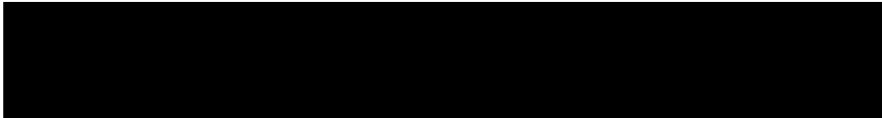
25X1D



RUDNYA ZLOTINSKAYA FIXED FIELD MRBM SITE UR 5108N 02800E

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

25X1D

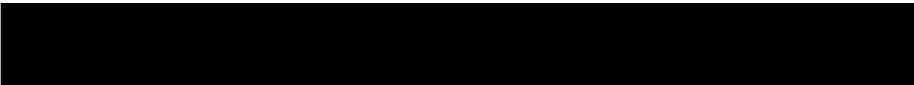


SKALA-PODOLSKAYA MRBM LAUNCH SITE 1 UR 4851N 02608E

ERECTORS ARE POSITIONED ON THE 2 VISIBLE PADS.

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

25X1D



KH-4 MISSION 1043, 8-22 AUGUST 1967

SKALA-PODOLSKAYA MRBM LAUNCH SITE 2 UR 4852N 02603E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D

SKALA-PODOLSKAYA FIXED FIELD MRBM SITE 1 UR 4853N 02613E

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

25X1D

SKALA-PODOLSKAYA FIXED FIELD MRBM SITE 2 UR 4852N 02616E

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

25X1D

BREST MRBM LAUNCH SITE 1 UR 5148N 02400E

PROBABLE ERECTORS ARE ON ALL 4 PADS.

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

25X1D

BREST MRBM LAUNCH SITE 2 UR 5151N 02401E

PROBABLE ERECTORS ARE ON ALL 4 PADS.

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

25X1D

PISHCHA FIXED FIELD MRBM SITE UR 5135N 02346E

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

25X1D

ZAMSHANY FIXED FIELD MRBM SITE UR 5151N 02402E

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

25X1D

BRODY MRBM LAUNCH SITE 2 UR 5012N 02505E

POSSIBLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D

YAZLOVCHIK FIXED FIELD MRBM SITE UR 5005N 02501E

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

25X1D

STANISLAVCHIK FIXED FIELD MRBM SITE UR 5006N 02456E

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

25X1D

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~~TOP SECRET CHESS RUFF~~

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

DERAZHNYA MRBM LAUNCH SITE 1 UR 4920N 02726E

A PROBABLE ERECTOR IS POSITIONED ON EACH OF THE 3  
VISIBLE LAUNCH PADS.

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

25X1D

DERAZHNYA MRBM LAUNCH SITE 2 UR 4926N 02728E

A PROBABLE MISSILE ERECTOR IS POSITIONED ON EACH OF THE  
3 VISIBLE LAUNCH PADS.

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

25X1D

KHMELNITSKIY FIXED FIELD MRBM SITE UR 4925N 02706E

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

25X1D

LETICHEV FIXED FIELD MRBM SITE 1 UR 4922N 02743E

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

25X1D

DISNA MRBM LAUNCH SITE UR 5535N 02816E

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



25X1D



25X1A

ZELKI MRBM LAUNCH SITE UR 5535N 02824E

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

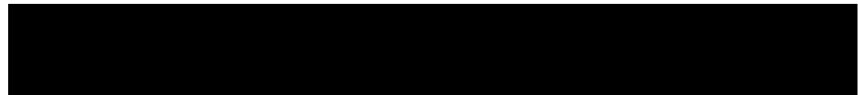
25X1D



BORKOVICHI MRBM LAUNCH SITE UR 5541N 02827E

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

25X1D



DERNOVICHI FIXED FIELD MRBM SITE UR 5547N 02819E

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

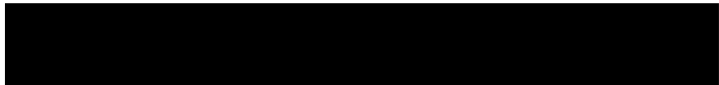
25X1D



DEMIDOVO FIXED FIELD MRBM SITE UR 5601N 02818E

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

25X1D



MORACHKOVO FIXED FIELD MRBM SITE UR 5553N 02816E

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

25X1D



DYATLOVO MRBM LAUNCH SITE UR 5332N 02517E

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



25X1D

BEREZOVKA MRBM LAUNCH SITE UR 5335N 02527E

PROBABLE ERECTORS ARE POSITIONED ON EACH LAUNCH PAD.

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



25X1D

ZBLYANY MRBM LAUNCH SITE UR 5335N 02517E

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



25X1D

BEREZOVKA FIXED FIELD MRBM SITE UR 5342N 02530E

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



25X1D

BORKHOV MRBM LAUNCH SITE 1 UR 5218N 03042E

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



25X1D

BORKHOV MRBM LAUNCH SITE 2 UR 5224N 03038E

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

25X1D

GOMEL FIXED FIELD MRBM SITE 1 UR 5220N 03050E

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

25X1D

GOMEL FIXED FIELD MRBM SITE 2 UR 5224N 03050E

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

25X1D

GRANOV IRBM LAUNCH SITE 1 UR 4856N 02930E

A NEW LOOP ROAD HAS BEEN CONSTRUCTED AT THE NEARBY  
RAIL-TO-ROAD TRANSFER POINT OF THE GRANOV IRBM COMPLEX.  
NO SIGNIFICANT ACTIVITY OBSERVED AT THE LAUNCH SITE.

25X1D

GRANOV IRBM LAUNCH SITE 2 UR 4850N 02928E

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

25X1D

GRESK MRBM LAUNCH SITE 1 UR 5314N 02742E

25X1D

PROBABLE ERECTORS ARE POSITIONED ON EACH  
LAUNCH PAD.

~~TOP SECRET CHESSE RUFF~~

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1D [REDACTED] ERECTORS ARE PROBABLY PRESENT ON AT LEAST  
2 LAUNCH PADS.

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

25X1D [REDACTED]

25X1A

GRESK MRBM LAUNCH SITE 2 UR 5316N 02740E

25X1D [REDACTED] ONLY THE SUPPORT AREA IS VISIBLE.

[REDACTED] ERECTORS ARE PROBABLY PRESENT ON AT LEAST  
2 OF THE LAUNCH PADS.

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

25X1D [REDACTED]

URECHYE MRBM LAUNCH SITE UR 5311N 02758E

25X1D [REDACTED] ONLY 1 LAUNCH PAD AND PART OF THE SUPPORT  
AREA ARE VISIBLE. A PROBABLE ERECTOR IS POSITIONED ON  
THE LAUNCH PAD.

25X1D [REDACTED] A POSSIBLE MISSILE ERECTOR IS ON AT LEAST  
1 LAUNCH PAD.

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

25X1D [REDACTED]

SUNZHENSKOYE MRBM LAUNCH SITE UR 4308N 04454E

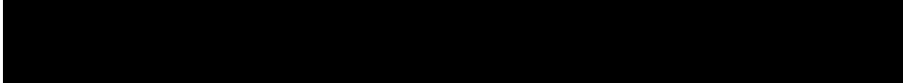
A POSSIBLE MISSILE ERECTOR IS POSITIONED ON EACH LAUNCH  
PAD. EIGHT PROBABLE OXIDIZER TRAILERS ARE IN THE  
OXIDIZER HANDLING AREA AND AN UNDETERMINED NUMBER OF  
POSSIBLE FUEL TRAILERS ARE IN THE FUEL HANDLING AREA.

~~TOP SECRET CHESSE RUFF~~

KH-4 MISSION 1043, 8-22 AUGUST 1967

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

25X1D



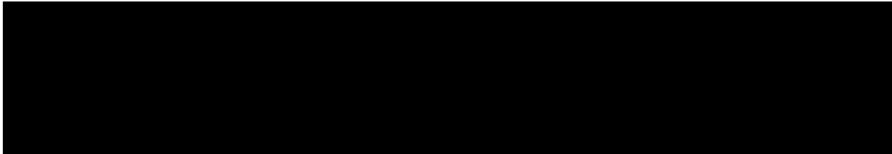
25X1A

NESTEROVSKAYA MRBM LAUNCH SITE UR 4311N 04457E

A POSSIBLE MISSILE ERECTOR IS POSITIONED ON EACH OF THE  
3 VISIBLE LAUNCH PADS.

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

25X1D



ACHKH0Y-MARTAN MRBM LAUNCH SITE UR 4310N 04510E

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

25X1D



JONAVA MRBM LAUNCH SITE UR 5500N 02414E

ONLY THE SUPPORT AREA IS VISIBLE.

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

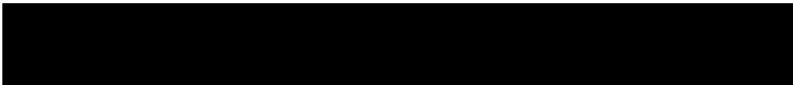
25X1D



KAISIADORYS FIXED FIELD MRBM SITE UR 5459N 02428E

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

25X1D



KAMENETS-PODOLSKIY MRBM LAUNCH SITE 1 UR 4851N 02642E

A PROBABLE ERECTOR IS POSITIONED ON ALL 4 LAUNCH PADS.  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

DUNAYEVTSY MRBM LAUNCH SITE UR 4855N 02659E

A PROBABLE ERECTOR IS POSITIONED ON ALL 4 LAUNCH PADS.  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

YARMOLINTSY FIXED FIELD MRBM SITE UR 4912N 02646E

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

25X1D

VINKOVTSY FIXED FIELD MRBM SITE UR 4856N 02711E

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

25X1D

KIVERTSY MRBM LAUNCH SITE 1 UR 5053N 02530E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 PADS.  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6

~~TOP SECRET CHESS RUFF~~

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

KIVERTSY MRBM LAUNCH SITE 2

UR 5056N 02536E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D

TROSTYANETS MRBM LAUNCH SITE

UR 5058N 02539E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D

KIVERTSY FIXED FIELD MRBM SITE

UR 5050N 02523E

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

25X1D

PETRIKOV MRBM LAUNCH SITE

UR 5210N 02834E

ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D

KONKOVICHI MRBM LAUNCH SITE

UR 5215N 02837E

ERECTORS ARE POSITIONED ON 3 OF THE 4 PADS.

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

25X1D

NOVSELKI FIXED FIELD MRBM SITE 1 UR 5223N 02843E

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

25X1D

NOVOSELKI FIXED FIELD MRBM SITE 2 UR 5226N 02841E

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

25X1D

KOROSTEN MRBM LAUNCH SITE 1 UR 5051N 02818E

AN EXERCISE IS UNDERWAY ON ONE PAD WITH AN ERECTOR AND SEVERAL UNIDENTIFIED VEHICLES PRESENT. ERECTORS ARE PRESENT ON THE OTHER 3 PADS.

25X1D

PROBABLE ERECTORS ARE POSITIONED ON EACH LAUNCH PAD.

25X1D

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

25X1D

KOROSTEN MRBM LAUNCH SITE 2 UR 5052N 02831E

A PROBABLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

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

25X1D



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LITKI FIXED FIELD MRBM SITE 1 UR 5101N 02827E

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

25X1D

YEMILCHINO FIXED FIELD MRBM SITE 1 UR 5052N 02753E

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

25X1D

YEMILCHINO FIXED FIELD MRBM SITE 2 UR 5052N 02753E

A PROBABLE ERECTOR IS POSITIONED ON ONE LAUNCH PAD.  
SEVERAL PIECES OF UNIDENTIFIED EQUIPMENT ARE VISIBLE ON  
THE OTHER 2 LAUNCH POSITIONS.

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

25X1D

LITKI FIXED FIELD MRBM SITE 2 UR 5101N 02824E

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

25X1D

KOZHANOVICHI MRBM LAUNCH SITE 1 UR 5210N 02751E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 LAUNCH PADS.

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

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

KOZHANOVICHI MRBM LAUNCH SITE 2 UR 5211N 02748E

PROBABLE ERECTORS ARE POSITIONED ON ALL 4 LAUNCH PADS.

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

25X1D

LYUDENEVICH I FIXED FIELD MRBM SITE UR 5218N 02741E

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

25X1D

SUDARGAS FIXED FIELD MRBM SITE UR 5500N 02235E

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

25X1D

MANZOVKA FIXED FIELD MRBM SITE UR 4412N 13234E

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

25X1D

KURGANCHA MRBM LAUNCH SITE 1 UR 3937N 06557E

PROBABLE ERECTORS ARE POSITIONED ON EACH LAUNCH PAD.  
TWO ERECTORS ARE ORIENTED IN LINE WITH THE ACCESS ROAD  
AND 2 OTHERS ARE ORIENTED NW/SE AT AN ANGLE OF  
APPROXIMATELY 30 DEGREES TO THE ACCESS ROAD.

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

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1D



25X1A

KURGANCHA MRBM LAUNCH SITE 2 UR 3936N 06552E

A PROBABLE MISSILE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. ONE ERECTOR IS ORIENTED IN LINE WITH THE ACCESS ROAD AND THE OTHER 3 ARE ORIENTED AT AN ANGLE TO THE ACCESS ROAD.

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

25X1D



TYM MRBM LAUNCH SITE UR 3935E 06542E

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

25X1D



KURGANCHA FIXED FIELD MRBM SITE UR 3945N 06601E

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

25X1D



LIDA MRBM LAUNCH SITE 2 UR 5357N 02527E

A POSSIBLE ERECTOR IS ON 1 PAD.

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

25X1D



LUTSK MRBM LAUNCH SITE 1 UR 5046N 02502E

PROBABLE ERECTORS ARE POSITIONED ON EACH OF THE 4 LAUNCH PADS.

Handle Via  
TALENT-KEYHOLE  
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~~TOP SECRET CHESS RUFF~~

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

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

25X1D

[REDACTED]

25X1A

LUTSK MRBM LAUNCH SITE 2

UR 5050N 02503E

PROBABLE ERECTORS ARE POSITIONED ON EACH OF THE 4  
LAUNCH PADS.

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

25X1D

[REDACTED]

VLADIMIR-VOLYNSKIY MRBM LAUNCH SITE

UR 5048N 02442E

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

25X1D

[REDACTED]

GOROKHOV FIXED FIELD MRBM SITE

UR 5035N 02448E

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

25X1D

[REDACTED]

SHATSK FIXED FIELD MRBM SITE 1

UR 5327N 02748E

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

25X1D

[REDACTED]

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

SHATSK FIXED FIELD MRBM SITE 2

UR 5326N 02750E

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

25X1D

KURDZHIPSKAYA MRBM LAUNCH SITE

UR 4431N 04000E

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

25X1D

SHIRVANSKAYA MRBM LAUNCH SITE

UR 4425N 03953E

ONLY THE LAUNCH POSITIONS ARE VISIBLE.

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

25X1D

TULSKAYA FIXED FIELD MRBM SITE

UR 4431N 04014E

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

25X1D

MAYKOP FIXED FIELD MRBM SITE

UR 4433N 03957E

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

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

MOLOSKOVITSY MRBM LAUNCH SITE 1

UR 5928N 02905E

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

25X1D

MOLOSKOVITSY MRBM LAUNCH SITE 2

UR 5929N 02912E

PROBABLE ERECTORS ARE POSITIONED ON 3 PADS. SEVERAL  
PIECES OF EQUIPMENT ARE VISIBLE ON THE SOUTHERNMOST  
LAUNCH PAD. NO MISSILES OBSERVED.

25X1D

GURLEVO MRBM LAUNCH SITE

UR 5925N 02854E

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

25X1D

NOVA VES MRBM LAUNCH SITE

UR 4839N 02448E

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

25X1D

IVANOVITSE FIXED FIELD MRBM SITE

UR 4838N 02454E

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

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

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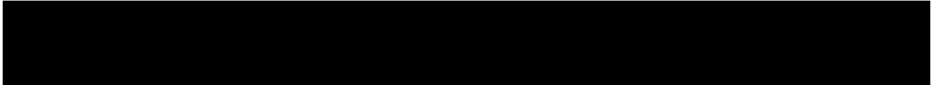
TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

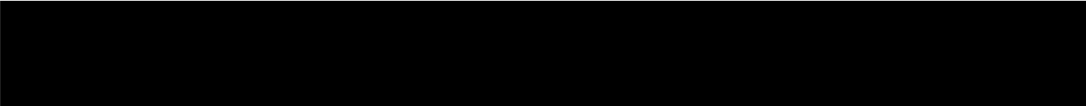
25X1A

NOVOSYSOYEVKA IRBM LAUNCH SITE 1 UR 4411N 13326E

A PROBABLE MISSILE ERECTOR IS POSITIONED ON EACH LAUNCH PAD. A RECTANGULAR HARDSTAND, APPROXIMATELY THE SIZE OF A LAUNCH PAD, HAS BEEN CONSTRUCTED IN THE LAUNCH AREA. TWO VEHICLES/PIECES OF EQUIPMENT ARE POSITIONED ON THE HARDSTAND.



NOVOSYSOYEVKA IRBM LAUNCH SITE 2 UR 4407N 13328E



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



SLAVUTA FIXED FIELD MRBM SITE UR 5016N 02657E

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



SHEPETOVKA FIXED FIELD MRBM SITE UR 5012N 02658E

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



ASANOVSHCHINA MRBM LAUNCH SITE UR 5731N 02812E

A PROBABLE ERECTOR IS ON EACH OF THE 4 PADS.

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



Handle Via

TALENT-KEYHOLE

Control System Only

TOP SECRET CHESS RUFF

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PCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

SHEVELEVO MRBM LAUNCH SITE

UR 5737N 02811E

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

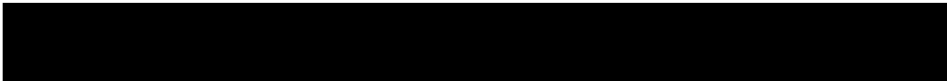


25X1D

REDKINO MRBM LAUNCH SITE

UR 5724N 02826E

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

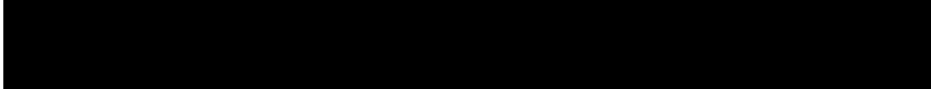


25X1D

SHABANY FIXED FIELD MRBM SITE

UR 5723N 02813E

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



25X1D

KAMENNY MOST IRBM LAUNCH SITE

UR 4757N 03053E

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



25X1D

SHEMNOVKA IRBM LAUNCH SITE 1

UR 4758N 03058E

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



25X1D

SEMENOVKA IRBM LAUNCH SITE 2

UR 4753N 03058E

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



Handle Via  
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Control System Only

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6 TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

UNREPORTED FEATURES OBSERVED.



IVANOVO MRBM LAUNCH SITE

UR 5210N 02541E

ERECTORS ARE VISIBLE ON ALL 4 PADS.

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



MOTOL MRBM LAUNCH SITE

UR 5212N 02544E

POSSIBLE ERECTORS ARE VISIBLE ON ALL 4 PADS.

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



POLOTSK MRBM LAUNCH SITE 1

UR 5522N 02844E

A POSSIBLE MISSILE ERECTOR IS OBSERVED ON EACH LAUNCH PAD. PROBABLE PROPELLANT TRAILERS ARE PARKED IN THE PROPELLANT HANDLING AREA.



POLOTSK MRBM LAUNCH SITE 2

UR 5524N 02833E

A POSSIBLE MISSILE ERECTOR IS OBSERVED ON EACH OF THE 2 VISIBLE LAUNCH PADS.



PLISSA FIXED FIELD MRBM SITE 1

UR 5512N 02802E

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



25X1D

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

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KH-4 MISSION 1043, 8-22 AUGUST 1967

TCS-80497/67  
25X1A

PLISSA FIXED FIELD MRBM SITE 2

UR 5511N 02754E

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

25X1D

POSTAVY MRBM LAUNCH SITE 1

UR 5509N 02653E

A PROBABLE MISSILE ERECTOR IS ON EACH LAUNCH PAD.  
PROBABLE PROPELLANT TRAILERS ARE VISIBLE IN THE  
PROPELLANT HANDLING AREA.

25X1D

KOZYANY MRBM LAUNCH SITE

UR 5520N 02651E

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

25X1D

POSTAVY MRBM LAUNCH SITE 2

UR 5506N 02700E

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

25X1D

PRUZHANY MRBM LAUNCH SITE 1

UR 5230N 02408E

PROBABLE ERECTORS ARE PRESENT ON ALL 4 PADS.

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

25X1D

Handle Via  
TALENT-KEYHOLE  
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Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6

~~TOP SECRET CHESS RUFF~~

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

PRUZHANY MRBM LAUNCH SITE 2

UR 5233N 02406E

PROBABLE ERECTORS ARE PRESENT ON ALL 4 PADS.

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

25X1D

STRIGOVO FIXED FIELD MRBM SITE

UR 5223N 02414E

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

25X1D

SHCHERCHEVO FIXED FIELD MRBM SITE

UR 5222N 02410E

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

25X1D

PRUZHANY FIXED FIELD MRBM SITE

UR 5226N 02419E

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

25X1D

SHCHITNO FIXED FIELD MRBM SITE 1

UR 5243N 02458E

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

25X1D

Handle Via  
TALENT-KEYHOLE  
Control System Only

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TOP SECRET CHESS RUFF

TCS-80497/67

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25X1A

KARA-BABAU IRBM LAUNCH SITE 1

UR 4431N 07746E

PROBABLE MISSILE ERECTORS ARE PRESENT ON AT LEAST 3 OF THE LAUNCH PADS AND AN UNIDENTIFIED VEHICLE IS VISIBLE IN FRONT OF EACH READY BUILDING. NUMEROUS OTHER VEHICLES ARE IN THE LAUNCH AREA.

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

25X1D

KARA-BABAU IRBM LAUNCH SITE 2

UR 4430N 07759E

THE CANVAS-COVERED STRUCTURES REPORTED [REDACTED] HAVE BEEN REMOVED. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

25X1D

25X1D

KARA-BABAU IRBM LAUNCH SITE 3

UR 4431N 07741E

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

25X1D

MAZANKA MRBM LAUNCH SITE

UR 4453N 03419E

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

25X1D

BALKI MRBM LAUNCH SITE

UR 4456N 03426E

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

25X1D

Handle Via  
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TOP SECRET CHESS RUFF

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25X1A

BYTEN MRBM LAUNCH SITE 1 UR 5252N 02521E

ERECTORS ARE PRESENT ON ALL 4 LAUNCH PADS.

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

25X1D

BYTEN MRBM LAUNCH SITE 2 UR 5255N 02521E

ERECTORS ARE PRESENT ON ALL 4 PADS.

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

25X1D

BYTEN FIXED FIELD MRBM SITE UR 5254N 02522E

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

25X1D

GAVINOVICHI FIXED FIELD MRBM SITE UR 5301N 02536E

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

25X1D

SMORGON IRBM LAUNCH SITE 2 UR 5426N 02618E

A POSSIBLE MISSILE ERECTOR IS VISIBLE ON EACH LAUNCH  
PAD.

25X1D

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TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

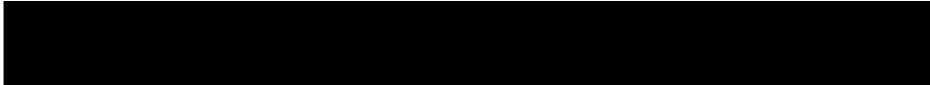
SOKAL MRBM LAUNCH SITE 1

UR 5022N 02418E

POSSIBLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D



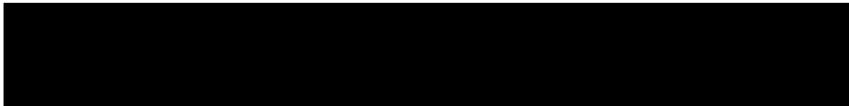
SOKAL MRBM LAUNCH SITE 2

UR 5027N 02420E

POSSIBLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

25X1D

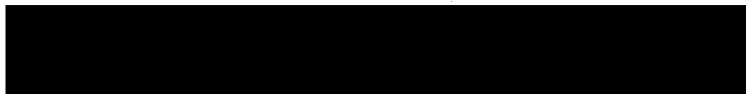


SKAUDVILE FIXED FIELD MRBM SITE

UR 5523N 02231E

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

25X1D



UKMERGE MRBM LAUNCH SITE

UR 5511N 02442E

A PROBABLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD.

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

25X1D



BALNINKAI FIXED FIELD MRBM SITE

UR 5513N 02501E

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

25X1D



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TOP SECRET CHESS RUFF

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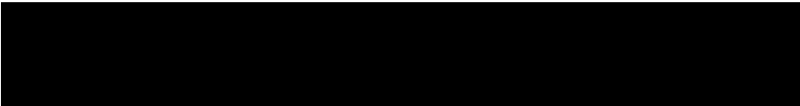
25X1A

MOLODETSKOYE MRBM LAUNCH SITE

UR 4853N 03027E

POSSIBLE MISSILE ERECTORS ARE POSITIONED ON EACH LAUNCH PAD.

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



OVRUCH MRBM LAUNCH SITE 1

UR 5117N 02816E

POSSIBLE PROPELLANT TRAILERS ARE IN THE PROPELLANT HANDLING AREA. POSSIBLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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

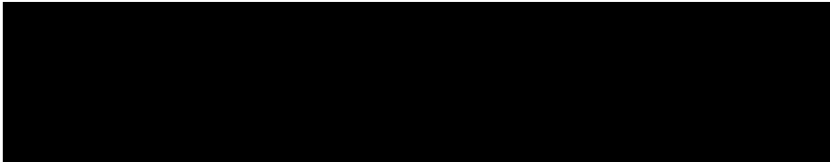


OVRUCH MRBM LAUNCH SITE 2

UR 5118N 02810E

POSSIBLE PROPELLANT TRAILERS ARE POSITIONED IN THE PROPELLANT HANDLING AREA. A POSSIBLE EXERCISE IS UNDERWAY ON ONE PAD AND POSSIBLE ERECTORS ARE PRESENT ON THE OTHER 3 PADS.

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



LIPNIKI MRBM LAUNCH SITE

UR 5112N 02826E

POSSIBLE ERECTORS ARE POSITIONED ON ALL 4 PADS.

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



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TOP SECRET CHESS RUFF

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25X1D



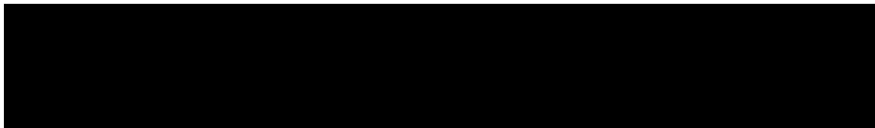
25X1A

LUGINY FIXED FIELD MRBM SITE

UR 5107N 02822E

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

25X1D

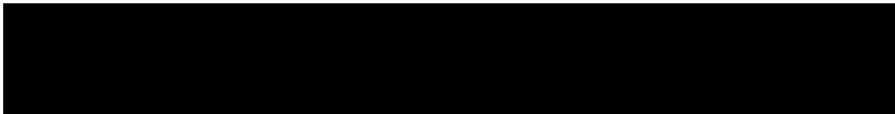


BOLSUNY FIXED FIELD MRBM SITE

UR 5107N 02827E

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

25X1D



VSELYUB MRBM LAUNCH SITE 1

UR 5345N 02542E

POSSIBLE MISSILE ERECTORS ARE ON EACH LAUNCH PAD.  
POSSIBLE PROPELLANT TRAILERS ARE IN THE PROPELLANT  
HANDLING AREA.

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

25X1D



VSELYUB MRBM LAUNCH SITE 2

UR 5347N 02546E

POSSIBLE MISSILE ERECTORS ARE ON AT LEAST 2 OF THE 4  
LAUNCH PADS. POSSIBLE PROPELLANT TRAILERS ARE IN THE  
PROPELLANT HANDLING AREA.

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

25X1D





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25X1A

YELSK MRBM LAUNCH SITE 1 UR 5142N 02912E

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

25X1D

YELSK MRBM LAUNCH SITE 2 UR 5147N 02918E

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

25X1D

YELSK FIXED FIELD MRBM SITE UR 5151N 02905E

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

25X1D

ZHITOMIR MRBM LAUNCH SITE 1 UR 5004N 02815E

A PROBABLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD.

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

25X1D

ZHITOMIR MRBM LAUNCH SITE 2 UR 5010N 02816E

AN EXERCISE APPEARS TO BE IN PROGRESS WITH ERECTORS AND UNIDENTIFIED PIECES OF EQUIPMENT VISIBLE ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

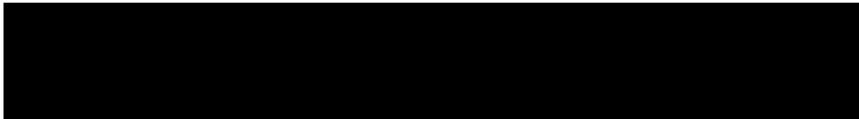
25X1D

A PROBABLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD.

25X1D

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

25X1D

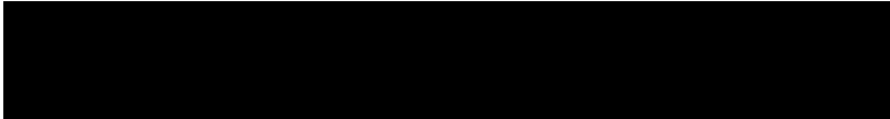


25X1A

BERDICHEV MRBM LAUNCH SITE UR 5005N 02822E

A PROBABLE ERECTOR IS POSITIONED ON EACH LAUNCH PAD.  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BERDICHEV FIXED FIELD MRBM SITE UR 4951N 02825E

A LIGHT-COLORED UNIDENTIFIED OBJECT IS POSITIONED TO ONE SIDE OF ONE LAUNCH POSITION. NO MISSILES OBSERVED.  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



GNIVAN MRBM LAUNCH SITE UR 4908N 02811E

25X1D

PROBABLE ERECTORS ARE POSITIONED ON EACH LAUNCH PAD. NO MISSILES OBSERVED.

25X1D

POSSIBLE ERECTORS ARE POSITIONED ON 3 LAUNCH PADS. NO MISSILES OBSERVED.

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

25X1D



VINNITSA MRBM LAUNCH SITE UR 4917N 02820E

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

25X1D



KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1D

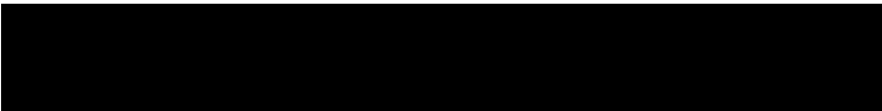


25X1A

VINNITSA FIXED FIELD MRBM SITE UR 4913N 02819E

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

25X1D



BAR FIXED FIELD MRBM SITE UR 4905N 02742E

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

25X1D



KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR UR 4835N 04545E

ONLY THE EASTERN HALF OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH APPROXIMATELY 85 PERCENT CLOUD COVER. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS.

25X1D



KAPUSTIN YAR LAUNCH COMPLEX B UR 4841N 04616E

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

25X1D



KAPUSTIN YAR LAUNCH COMPLEX C UR 4836N 04616E

AT LAUNCH AREA 6C, THE CONTROL BUNKERS AND THE OPEN CONDUIT TRENCHES APPEAR TO HAVE BEEN EARTH COVERED. NO MISSILES OBSERVED.

LAUNCH AREAS 1-5C CAN BE IDENTIFIED ONLY.

25X1D



25X1A

SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E



25X1D

FACILITIES COVERED AT THE TEST CENTER [REDACTED] EXTEND FROM THE ANTI-SATELLITE/SPACE TRACKING RADAR FACILITY IN THE EAST TO LAUNCH COMPLEX B IN THE WEST. THE FACILITIES IN THE MAIN AREA ALONG OZERO BALKHASH ARE COVERED ON GENERALLY CLEAR PHOTOGRAPHY. INTERPRETATION OF THE FACILITIES TO THE WEST IS HAMPERED BY HEAVY CLOUD COVER.

25X1D

AN SA-2 SAM SITE IS NEWLY IDENTIFIED ON THIS MISSION. IT WAS FIRST OBSERVED [REDACTED] AND CAN BE NEGATED [REDACTED] IT IS A STANDARD STAR CONFIGURATION SITE CONSISTING OF 6 REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND 3 REVETTED HOLD POSITIONS. THE SITE IS APPROXIMATELY 1 NM SW OF THE WEST END OF DIRT STRIP NO 1 AT 45-54-10N 073-25-10E. THE SITE IS DESIGNATED SARY-SHAGAN SAM SITE B22-2.

25X1D

25X1D

25X1D

ALSO NEWLY IDENTIFIED ON THIS MISSION ARE 4 ADDITIONAL TARGET MARKERS NEAR THE NEWLY IDENTIFIED SA-2 SAM SITE. THESE CIRCULAR TARGET MARKERS WERE ALSO FIRST OBSERVED [REDACTED] AND CAN BE NEGATED [REDACTED] THE NEWLY IDENTIFIED SA-2 SITE IS JUST TO THE EAST OF THE 4 ORIGINAL TARGET MARKERS WHICH ARE ALIGNED GENERALLY NORTH-SOUTH. ALL 4 OF THE NEWER TARGET MARKERS ARE ALIGNED IN A ROW IN AN EAST-WEST DIRECTION. THREE OF THE 4 NEWER TARGET MARKERS ARE EAST OF THE SA-2 SAM SITE AND 1 IS WEST OF THE 4 ORIGINAL TARGET MARKERS. A CENTER LINE CONNECTING THE NEWER TARGET MARKERS PASSES THROUGH THE CENTER OF THE SA-2 SAM SITE.

25X1D

FACILITIES COVERED [REDACTED] AT THE TEST CENTER EXTEND FROM ASAT/SPACE TRACKING FACILITY IN THE EAST TO TRACKING FACILITY 8 IN THE WEST. NO NEW MISSILE FACILITIES OBSERVED.

25X1D



SARY-SHAGAN LAUNCH COMPLEX A (ZONE A) UR 4625N 07252E

LAUNCH COMPLEX A AND PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2 ARE COVERED ON 3 PASSES OF PHOTOGRAPHY OF GENERALLY FAIR-TO-POOR INTERPRETABILITY. THE FOLLOWING IS BASED [REDACTED]

NO SIGNIFICANT CHANGES ARE OBSERVED [REDACTED] IN THE HEADQUARTERS AND ADMINISTRATION AREA, ELECTRONICS SITES D, F, AND G, THE SAM ON-SITE SUPPORT FACILITY, AND THE AIRSTRIP. VEHICULAR MOVEMENT HAS OCCURRED [REDACTED] AT THE SITE SUPPORT FACILITY AND ELECTRONICS SITE E. THE CENTRAL GUIDANCE AREAS OF LAUNCH SITES 1 AND 2 ARE OCCUPIED.

AT LAUNCH SITE 1, LAUNCH POSITIONS 1/1 THROUGH 1/5 AND POSITION 1/7 APPEAR OCCUPIED, AND POSITION 1/6 REMAINS UNOCCUPIED. EQUIPMENT NORTH AND EAST OF THE LAUNCH SITE CANNOT BE IDENTIFIED. OCCUPANCY OF LAUNCH POSITIONS AT LAUNCH SITE 2 CANNOT BE DETERMINED. THE CENTRAL AREAS AT LAUNCH SITES 3 AND 4 ARE OCCUPIED. AT LAUNCH SITE 3, LAUNCHERS ARE OBSERVED AT LAUNCH POSITIONS 3/1, 3/2, 3/5, AND 3/6, AND A PROBABLE LAUNCHER AT POSITION 3/5 APPEARS LONGER THAN THE OTHERS AND MAY BE OCCUPIED. TWO DOLLIES ARE PRESENT AT POSITIONS 3/4, 3/5, AND 3/6, ONE DOLLY AT POSITION 3/2, AND NO DOLLIES AT POSITIONS 3/1 AND 3/3. EQUIPMENT PARKED NORTH OF POSITION 3/3 CANNOT BE IDENTIFIED. AT LAUNCH SITE 4, LAUNCHERS ARE PRESENT AT POSITIONS 4/1 THROUGH 4/4 AND 4/6, AND POSITION 4/5 REMAINS UNOCCUPIED. THE LAUNCHER AT POSITION 4/6 APPEARS LONGER THAN THE OTHERS AND MAY BE OCCUPIED. TWO DOLLIES ARE PRESENT AT POSITIONS 4/1 AND 4/3, ONE DOLLY AT POSITIONS 4/2 AND 4/4, AND NO DOLLIES AT POSITIONS 4/5 AND 4/6. IN THE MISSILE-HANDLING AREA, A LIGHT-TONED OBJECT, PROBABLY THE BOOSTER SECTION OF A MISSILE, IS SEEN ON EACH OF THE TWO 215-FT LONG RAIL-EQUIPPED STRUCTURES.

AT ELECTRONICS SITE B, RADAR POSITIONS B-1 AND B-2 ARE OCCUPIED. POSITION B-3 IS STILL UNOCCUPIED. AT LAUNCH SITE 5, 2 OBJECTS HAVE APPEARED NEAR THE SE CORNER OF THE MISSILE-READY BUILDING [REDACTED]

[REDACTED] ROOFING HAS CONTINUED [REDACTED] ON THE MISSILE-READY BUILDING AT LAUNCH SITE 6. AT ELECTRONIC SITE C, RADAR POSITIONS C-1 AND C-2 REMAIN UNCHANGED. ROOFING PROGRESS IS NOTED [REDACTED] ON THE WEST WING OF THE CENTRAL CONTROL BUILDING. EQUIPMENT PARKED ADJACENT TO THE NW CORNER

TOP SECRET CHESS RUFF

TCS-80497/67

OF THIS BUILDING AND ON THE APRON AT RADAR POSITION C-3 CANNOT BE IDENTIFIED. THE STATUS OF PREVIOUSLY REPORTED CONSTRUCTION IN THE MISSILE STORAGE AND CHECKOUT AREA CANNOT BE DETERMINED.

25X1D AT PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2, LAUNCHERS APPEAR TO BE PRESENT AT ALL LAUNCH POSITIONS EXCEPT POSITION B/2. THE PHOTOGRAPHY DOES NOT PERMIT IDENTIFICATION OF ALL OF THE DOLLIES AT LAUNCH SITE A. MISSILE DOLLIES AT LAUNCH SITE B APPEAR POSITIONED AS [REDACTED] NO RAILS ARE IN EVIDENCE AT LAUNCH SITE B. AT POSITION B/6, A VEHICLE/PIECE OF EQUIPMENT IS OBSERVED BETWEEN THE LAUNCHER AND THE DOLLIES. THE APPROXIMATELY 35-FT LONG PIECE OF EQUIPMENT/OBJECT OBSERVED ON THE ROAD ADJACENT TO POSITION B/2 [REDACTED]

25X1D [REDACTED] NO SIGNIFICANT CHANGE IS OBSERVED AT THE ASSOCIATED TRACKING/GUIDANCE RADAR FACILITY, THE AIR WARNING RADAR FACILITY, AND THE 2 NEARBY UNIDENTIFIED SITES. INSTRUMENTATION SITES A-1 AND A-2 CAN BE IDENTIFIED ONLY.

25X1D THE FOLLOWING ACTIVITY IS OBSERVED AT LAUNCH COMPLEX A [REDACTED]  
25X1D AT LAUNCH SITE 3, LAUNCHERS AND DOLLIES APPEAR AS SEEN [REDACTED] EXCEPT FOR OCCUPANCY OF THE LAUNCH POINT AT POSITION 3/4 WHICH IS UNDETERMINED. IT CANNOT BE ASCERTAINED WHETHER THE LAUNCHER AT POSITION 3/5 REMAINS OCCUPIED OR NOT. AT LAUNCH SITE 4, LAUNCHERS AND DOLLIES REMAIN AS SEEN [REDACTED] EXCEPT FOR OCCUPANCY OF POSITION 4/6 WHICH IS UNDETERMINED. THE LAUNCHER AT POSITION 4/4 APPEARS BULKIER THAN THE OTHERS AND MAY BE OCCUPIED. A POSSIBLE TRANSPORTER WHICH WAS NOT PRESENT [REDACTED] IS ADJACENT TO THE LAUNCHER AT POSITION 4/2. ONE OF THE 2 OBJECTS WHICH APPEARED NEAR THE SE CORNER OF THE MISSILE-READY BUILDING AT LAUNCH SITE 5 [REDACTED] IS NO LONGER PRESENT. VEHICULAR MOVEMENT IS NOTED AT THE SITE SUPPORT FACILITY [REDACTED]

25X1D ALL OTHER FACILITIES APPEAR ESSENTIALLY UNCHANGED OR CAN BE IDENTIFIED ONLY [REDACTED]

25X1D [REDACTED] FACILITIES CAN BE IDENTIFIED ONLY.

25X1D [REDACTED]

SARY-SHAGAN LAUNCH COMPLEX B (ZONE B) UR 4559N 07231E

25X1D

[REDACTED] 2 UNIDENTIFIED PIECES OF EQUIPMENT ARE PARKED ON THE EAST EDGE OF LAUNCH PAD B-2. TWO VEHICLES/PIECES OF EQUIPMENT ARE PARKED NEAR THE ERECTOR AT LAUNCH POSITION B-4. A GALOSH CANISTER IS ENGAGED IN THE ERECTOR AND ELEVATED (BUT NOT VERTICALLY) AT LAUNCH POSITION C-2. THE CANISTER IS POINTED TO THE NW.

25X1D

[REDACTED] THE 2 UNIDENTIFIED PIECES OF EQUIPMENT REMAIN PARKED ON THE EAST EDGE OF LAUNCH PAD B-2. GALOSH CANISTERS ARE IN THE ERECTORS AT LAUNCH POSITIONS C-1, C-2, AND C-3. NONE OF THE CANISTERS APPEARS TO BE RAISED.

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

25X1D

[REDACTED]

SARY-SHAGAN LAUNCH COMPLEX C UR 4549N 07325E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

[REDACTED]

SARY-SHAGAN PROB LR SAM LAUNCH CPLX 1 UR 4605N 07327E

25X1D

[REDACTED] ALL LAUNCH POSITIONS OF SITES A, B, AND C ARE OCCUPIED BY LAUNCHERS. THE DOLLIES AT SITE A, REPORTED [REDACTED] ARE LOCATED IN THE SAME POSITION NEAR THE CENTER OF THE LAUNCH SITE. AN UNIDENTIFIED OBJECT (VEHICLE/PIECE OF EQUIPMENT), WHICH APPEARS TO BE LARGER THAN A DOLLY, IS ON THE ROAD NEAR LAUNCH POSITION A/5. NO RAILS ARE IN PLACE AT SITE A. AT LAUNCH POSITION C/2, ONE OF THE DOLLIES APPEARS TO BE POSITIONED AT THE APEX OF THE TRACKS. THE LAUNCHER APPEARS LARGER THAN AT THE OTHER LAUNCH POSITIONS AND IS PROBABLY OCCUPIED. ALL OTHER DOLLIES AT LAUNCH SITES B AND C ARE AT THE HOLD POSITION. CONSTRUCTION CONTINUES IN THE SUPPORT AREA. MOST OF THE TRENCHING IN THIS AREA HAS BEEN BACKFILLED. NO SIGNIFICANT CHANGE IS APPARENT IN THE TRACKING/GUIDANCE RADAR

25X1D

FACILITY. ALL 3 RADAR MOUNDS ARE OCCUPIED. THE BACK NET/SIDE NET AIR WARNING FACILITY AND THE 2 UNIDENTIFIED ASSOCIATED FACILITIES REMAIN UNCHANGED.

THE PROBABLE MISSILE-HANDLING FACILITY 10 NM WNW OF THE LAUNCH COMPLEX IS UNCHANGED.

25X1D [REDACTED] FACILITIES CAN BE IDENTIFIED ONLY. ON  
25X1D [REDACTED] NO DISCERNIBLE CHANGES ARE OBSERVED EXCEPT  
THAT BOTH DOLLIES AT LAUNCH POSITION C/2 ARE AT THE HOLD POSITION.

25X1D [REDACTED]

25X1A

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

25X1D AT INSTRUMENTATION SITE 5, 3 PROBABLE BARRACKS, 7 OTHER BUILDINGS/STRUCTURES, AND 2 PROBABLE SMALL ENVIRONMENTAL DOMES ON SMALL STRUCTURES HAVE BEEN ADDED. THEY WERE FIRST SEEN [REDACTED]

25X1D AT INSTRUMENTATION SITE 8, PREVIOUSLY UNREPORTED ADDITIONS INCLUDE 2 PROBABLE BARRACKS, 1 PROBABLE BARRACKS UNDER CONSTRUCTION, 3 BUILDINGS/STRUCTURES, AN EXTENSION TO ONE BUILDING, AND 1 POSSIBLE ENVIRONMENTAL DOME ON A SMALL STRUCTURE.

25X1D [REDACTED]

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX A CH 4115N 10017E

25X1D SURFACING OF THE ROAD EAST AND WEST OF THE PREVIOUSLY REPORTED TROUGH-LIKE STRUCTURE IS UNDERWAY IN THE CONSTRUCTION AREA. THE TRENCH TO THE CONTROL BUNKER APPEARS TO HAVE BEEN BACKFILLED. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED IN THE COMPLEX.

25X1D [REDACTED]

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX C CH 4118N 10017E

AN OBJECT/PIECE OF EQUIPMENT IS LOCATED AT THE COMPLEX CHECKOUT AREA, ADJACENT TO THE CHECKOUT BUILDING.



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

25X1D

25X1A

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX D CH 4122N 10015E

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

25X1D

SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX CH 4102N 10030E

NO SIGNIFICANT ACTIVITY OR NEW CONSTRUCTION IS OBSERVED AT THE SAM COMPLEX.

25X1D

AT LAUNCH SITE A, 2 LAUNCH POSITIONS ARE OCCUPIED BY PROBABLE LAUNCHERS AND A THIRD POSITION IS OCCUPIED, PROBABLY BY A SUPPORT TRUCK

25X1D

THE GUIDANCE AREA CONTAINS AT LEAST 4 VEHICLES/VANS AND THE HOLD REVETMENT IS OCCUPIED BY AT LEAST 4 VEHICLES/PIECES OF EQUIPMENT (2 PROBABLY MISSILE TRANSPORTERS).

AT LAUNCH SITE B, 2 AND POSSIBLY 3 LAUNCH POSITIONS ARE OCCUPIED, THE GUIDANCE AREA CONTAINS A PROBABLE RADAR, AND THE HOLD REVETMENT IS OCCUPIED BY 2 PROBABLE SA-2 MISSILE TRANSPORTERS.

LAUNCH SITE C IS UNOCCUPIED. NO NEW CONSTRUCTION FEATURES ARE OBSERVED.

NO NEW CONSTRUCTION OR ACTIVITY IS OBSERVED IN THE HOUSING AND SUPPORT AREA OR THE 6 DOWNRANGE INSTRUMENTATION SITES. SEVERAL VEHICLES/VANS ARE OBSERVED AROUND THE MAIN INSTRUMENTATION CONTROL BUILDING AND THE RADAR A AT THE INSTRUMENTATION CONTROL CENTER. THE DEPLOYED SA-2 SITE, AT THE CENTER OF THE MISSILE TEST CENTER, IS UNOCCUPIED.

25X1D

ACTIVITY AT THE ADJACENT BARRACKS AREA INCLUDES AT LEAST 3 NEW SUPPORT BUILDINGS CONSTRUCTED  
NUMEROUS PROBABLE CARGO/DUMP TRUCKS ARE PARKED IN THE AREA.

25X1D

25X1D



25X1A

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

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

25X1D



SHUANG-CHENG-TZU MTC MAIN SUPPORT BASE CH 4058N 10011E

A NEW RAIL SPUR HAS BEEN CONSTRUCTED LEADING WEST FROM THE NORTH END OF THE RAIL YARD. ITS TEMPORARY TERMINUS IS AT THE BASE OF THE HILL NW OF THE SUPPORT BASE. TWO NEW BUILDINGS HAVE BEEN COMPLETED AT THE NORTH AIRFIELD, ONE NEAR THE WEST END AND ONE TO THE NORTH OF THE 2 EXISTING BUILDINGS. THREE HARDSTANDS HAVE BEEN ADDED TO THE 2 OLDER HARDSTANDS IN THE PARKING AREA.

25X1D



SHUANG-CHENG-TZU PROB SSM TRNG SITE 1 CH 4143N 10025E

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

25X1D



SHUANG-CHENG-TZU PROB SSM TRNG SITE 2 CH 4143N 10041E

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

25X1D



SARY-SHAGAN MRBM IMPACT AREA 1 UR 4617N 07200E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1D

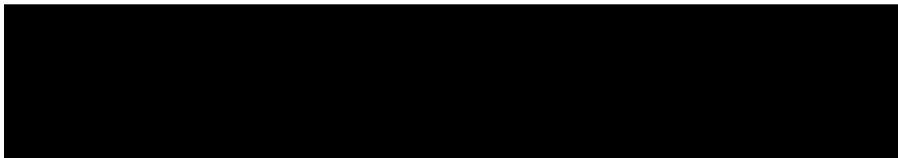


25X1A

SARY-SHAGAN MRBM IMPACT AREA 2 UR 4634N 07236E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN MRBM IMPACT AREA 3 UR 4627N 07244E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN MRBM IMPACT AREA 4 UR 4628N 07319E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SARY-SHAGAN MRBM IMPACT AREA 5 UR 4608N 07240E

SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.

25X1D



SASYKTAU MISSILE LAUNCH FACILITY UR 4732N 04926E

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

25X1D



SARY-SHAGAN IMPACT AREA

UR 4623N 07324E

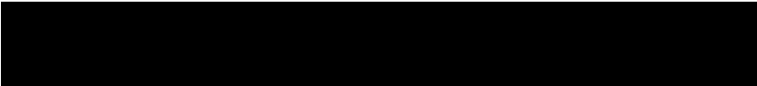
SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.



SARY-SHAGAN AMM IMPACT AREA 1

UR 4715N 07100E

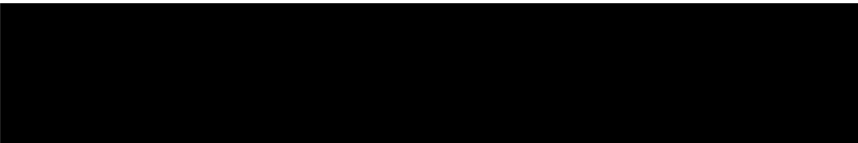
SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.



SARY-SHAGAN AMM IMPACT AREA 3

UR 4655N 07245E

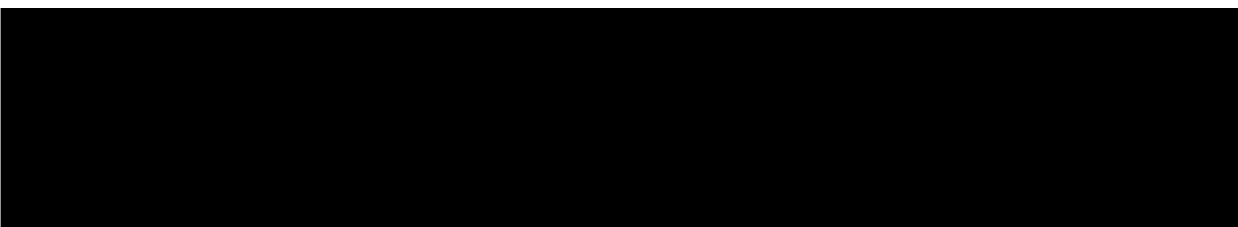
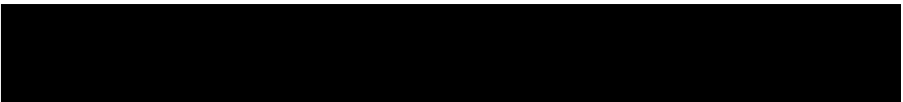
SMALL SCALE PRECLUDES IDENTIFICATION OF MISSILE IMPACT CRATERS.



NENOKSA MISSILE TEST CENTER

UR 6438N 03911E

LAUNCH AREAS A, B, AND C AND THE SUPPORT AREA ARE OBSERVED. AT LAUNCH AREA A, THE 3 PREVIOUSLY IDENTIFIED LAUNCHERS ARE STILL PRESENT. AT LAUNCH AREA B, DETAILED ACTIVITY CANNOT BE DETERMINED, BUT THE BOOM CRANE PREVIOUSLY PARKED ON THE CONCRETE LAUNCH PAD IS NOW PROBABLY IN THE PARKING AREA JUST SOUTH OF THE LAUNCH AREA. LAUNCH AREA C CAN BE IDENTIFIED ONLY. NO CHANGES OBSERVED IN THE SUPPORT AREA.



Handle Via  
TALENT-KEYHOLE  
Control System Only

TOP SECRET CHESS RUFF

Approved For Release 2002/02/27 : CIA-RDP99T01396R000100510001-6

TCS-80497/67

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1B



25X1A

ZAGORSK ROCKET ENG TEST FAC KRASNOZAVODSK UR 5625N 03810E

NO INDICATIONS OF TEST ACTIVITY OBSERVED.

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

25X1D



KURUMOCH ROCKET ENGINE TEST FACILITY UR 5332N 04951E

SIGNS OF PREVIOUS TEST ACTIVITY REMAIN AT VERTICAL TEST STANDS 1, 2, AND 3. A PROBABLE DIFFUSER TUBE HAS BEEN ADDED TO THE WESTERN TEST POSITION OF VERTICAL TEST STAND 3. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



PERM ARMAMENT PLANT 172 UR 5802N 05618E

NO LARGE RAIL CARS OBSERVED.

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

25X1D



KUYBYSHEV AIRFRAME PLANT STALIN 1 UR 5313N 05017E

THE PREVIOUSLY REPORTED NEW BUILDING IS ESSENTIALLY COMPLETE. TEN TO 15 LARGE RAIL CARS ARE IN THE PLANT AREA. NO OTHER CHANGES OBSERVED. NO MISSILES OR MISSILE COMPONENTS OBSERVED.

25X1D



25X1A

OMSK AIRCRAFT ENGINE PLANT BARANOVA 29 UR 5457N 07325E

CONSTRUCTION CONTINUES ON THE LARGE ASSEMBLY BUILDING.

NO MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS DISCERNIBLE.

25X1D



UFA AIRCRAFT ENGINE PLANT A-26 UR 5447N 05607E

A LARGE NEWLY IDENTIFIED ASSEMBLY-TYPE BUILDING IS VISIBLE IN THE SW PORTION OF THE PLANT. THE BUILDING IS APPROXIMATELY 40 PERCENT COMPLETE. NO OTHER CONSTRUCTION OBSERVED. NO MISSILES, MISSILE COMPONENTS, OR LARGE RAIL CARS DISCERNIBLE.

25X1D

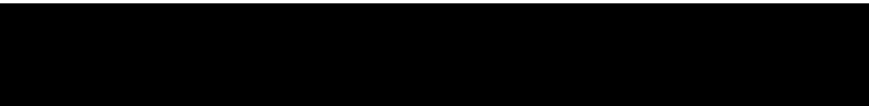


UFA AIRCRAFT ENGINE PLANT B-26 UR 5447N 05604E

NO LARGE RAIL CARS OBSERVED.

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

25X1D



KAZAN AIRCRAFT ENGINE PLANT 16 UR 5551N 04906E

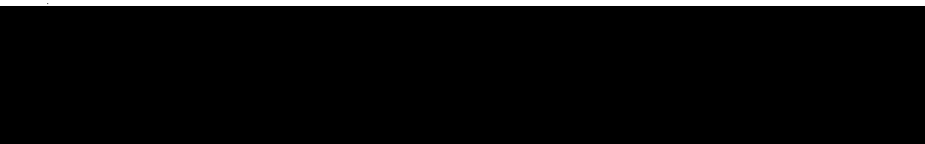
KAZAN POSSIBLE STATIC TEST FACILITY WAS IDENTIFIED ON

25X1D



NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

25X1D



RYBINSK AIRCRAFT ENGINE PLANT 36 UR 5803N 03848E

NO LARGE RAIL CARS OBSERVED.

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

25X1D

ARSENYEV AIRFRAME PLANT 116 UR 4408N 13315E

OB -- NONE OBSERVED.

NO EVIDENCE OF ASM PRODUCTION OR STORAGE OBSERVED. THE NEW FINAL ASSEMBLY BUILDING IS STILL INCOMPLETE.

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

25X1D

TAI-YUAN SOLID PROPELLANT TEST FACILITY CH 3759N 11233E

NO INDICATIONS OF RECENT TEST ACTIVITY OBSERVED.

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

25X1D

PERM ROCKET ENGINE TEST FACILITY UR 5800N 05634E

NO INDICATIONS OF TEST ACTIVITY ARE DISCERNIBLE.

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

25X1D

KH-4 MISSION 1043, 8-22 AUGUST 1967

25X1A

SARATOV AIRFRAME PLANT 292 UR 5130N 04557E

OB -- AT THE FLYAWAY FIELD -- 2 CAB.

NO EVIDENCE OF SOLID OR HORIZONTAL LIQUID ENGINE TEST FACILITIES OBSERVED. A LARGE ASSEMBLY BUILDING AND A SHOP BUILDING ARE BEING EXPANDED.

25X1D



KUYBYSHEV EXPMT AC ENG PLT KR GLINKA 2 UR 5321N 05013E

THE PLANT IS NOT RAIL SERVED. CONSTRUCTION CONTINUES IN THE PREVIOUSLY REPORTED AREAS. NO MISSILES OR MISSILE COMPONENTS OBSERVED.

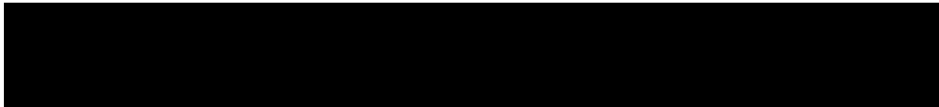
25X1D



KUYBYSHEV AIRCRAFT ENGINE PLT FRUNZE 24 UR 5311N 05016E

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

25X1D



STERLITAMAK ROCKET MOTOR TEST FACILITY UR 5341N 05558E

THE PREVIOUSLY REPORTED TEST CELL UNDER CONSTRUCTION APPEARS TO BE IN MID-TO-LATE STAGES OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED. NO INDICATIONS OF TEST ACTIVITY ARE APPARENT.

25X1D



UFA ROCKET ENGINE TEST FACILITY UR 5458N 05604E

NO NEW EVIDENCE OF TEST ACTIVITY OBSERVED.

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



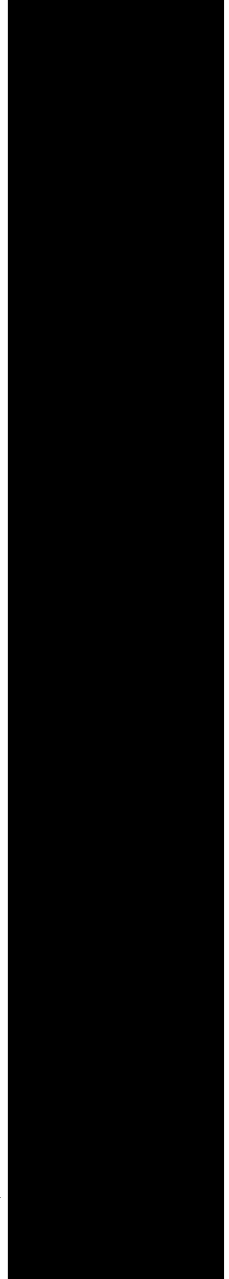
25X1D



25X1A

PERM AIRCRAFT ENGINE PLANT STALIN 19 UR 5759N 05615E  
NO LARGE RAIL CARS OBSERVED.  
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



BIYSK ROCKET MOTOR TEST FACILITY UR 5229N 08507E  
NO NEW INDICATIONS OF TEST ACTIVITY OBSERVED.  
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



PERM ROCKET MOTOR TEST FACILITY UR 5758N 05549E  
NO INDICATION OF RECENT TEST ACTIVITY OBSERVED.  
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ISFARA EXPLOSIVES PLANT UR 4007N 07034E  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D



ZELENOGORSK STATIC TEST FACILITY UR 6013N 02943E

THE LEVEL OF ACTIVITY CANNOT BE DETERMINED.

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

25X1D

PAO-TOU TANK PLANT 617 CH 4040N 10955E

NO EXTRA LONG RAIL CARS OR TRANSPORTERS OBSERVED. THE LEVEL OF PLANT ACTIVITY IS UNDETERMINED.

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

25X1D

PRIMORSK ROCKET ENGINE TEST FACILITY UR 6018N 02851E

NO INDICATIONS OF TEST ACTIVITY OBSERVED.

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

25X1D

LENINGRAD SOLID MOTOR TEST FAC 2 UR 6012N 03042E

THREE LIGHT-TONED BLAST MARKS INDICATE A CONTINUING HIGH DEGREE OF TEST ACTIVITY.

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

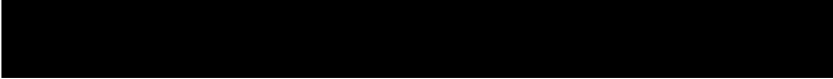
25X1D

LENINGRAD SOLID MOTOR TEST FACILITY 1 UR 6003N 03036E

LIGHT-TONED BLAST MARKS, PROBABLY FROM PREVIOUS TEST ACTIVITY, REMAIN.

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

25X1D



25X1A

LENINGRAD SOLID MOTOR TEST FACILITY 3 UR 6015N 03044E

NO APPARENT SIGNS OF RECENT TEST ACTIVITY ARE OBSERVED.

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

25X1D



PAVLOGRAD PROBABLE TEST RANGE UR 4829N 03556E

TWO NEW BUILDINGS ARE APPARENT IN THE RANGE SUPPORT/STORAGE AREA. THE SECURED AREA HAS BEEN ENLARGED TO INCLUDE THE NEW BUILDINGS. NEW SECURITY FENCING HAS BEEN ADDED WHICH DOUBLES THE SECURED AREA AT THE DRIVE-IN TEST POSITION.

NO APPARENT SIGNS OF TEST ACTIVITY, MISSILES, OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



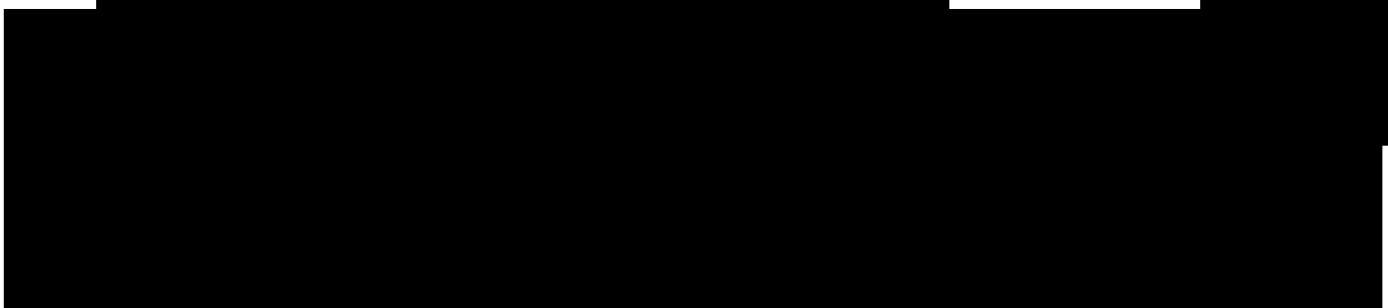
KEMEROVO AMMO LOAD & EXPLOS PLT RAKETA 392 UR 5525N 08557E

THE NORTHERNMOST MIX/BLEND BUILDING IN THE ADVANCED PROPELLANT PLANT MAY HAVE BEEN REPAIRED FOLLOWING THE PREVIOUSLY REPORTED ACCIDENT. THE ROOF APPEARS TO BE COMPLETE. NO MISSILES, MISSILE COMPONENTS, OR LARGE RAILS CARS OBSERVED.

25X1D



25X2



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EQUIPMENT OBSERVED.



25X1D

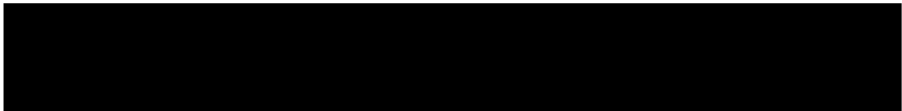
25X1A

FROLOVO INDUSTRIAL ACTIVITY

UR 4947N 04340E

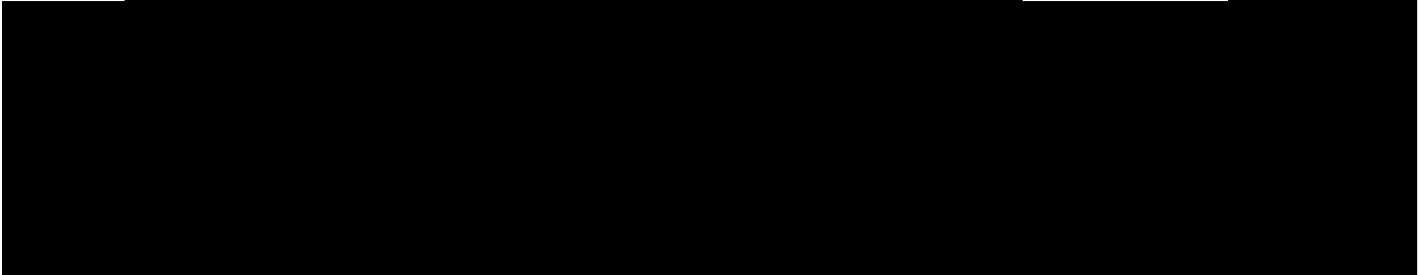
NO EVIDENCE OBSERVED TO CONFIRM OR NEGATE MISSILE ASSOCIATION.

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



25X1D

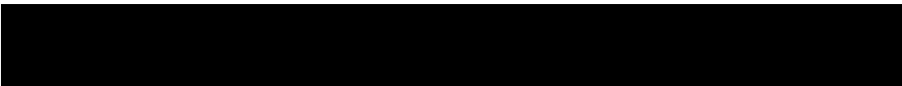
25X1B



NOVOSIBIRSK MSL ASSOCIATED FACILITY

UR 5513N 08259E

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

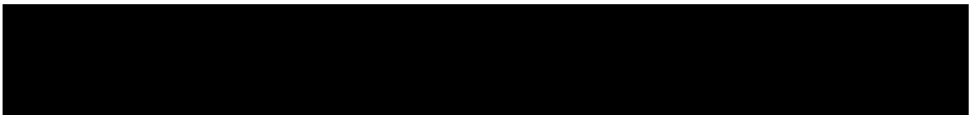


25X1D

YASASHNAYA TASHLA PROB MSL ASSOCIATED FAC UR 5352N 04826E

THE FUNCTION OF THE INSTALLATION CANNOT BE DETERMINED.

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



25X1D

CHIH-CHIN-HSIA SAM SEARCH AREA CH 4010N 09726E

THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 25 PERCENT CLOUD COVER. YU-MEN SAM SITE A12-2, APPROXIMATELY 11.1 NM WNW OF THE CENTER OF THE SEARCH AREA AND APPROXIMATELY 8.8 NM ESE OF YU-MEN, WAS IDENTIFIED ON THIS MISSION (SEE THE OAK [REDACTED] TCS-80495/67). NO OTHER SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS OF PHOTOGRAPHY.

25X1D

25X1D

25X1D

PAO-TOU SAM SEARCH AREA CH 4039N 10958E

NO NEW SAM OR OTHER MISSILE-ASSOCIATED ACTIVITY OBSERVED.

25X1D

TAI-YUAN SAM SEARCH AREA CH 3759N 11232E

APPROXIMATELY 95 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 20 PERCENT CLOUD COVER. NO SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

KUYBYSHEV ABM/PROB LR SAM SEARCH AREA UR 5313N 05014E

NO ABM/PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D

MINSK ABM/PROB LR SAM SEARCH AREA UR 5353N 02734E

NO ABM OR NEW PROBABLE LONG RANGE SAM COMPLEXES OBSERVED IN CLOUD-FREE PORTIONS.

25X1D

25X1D

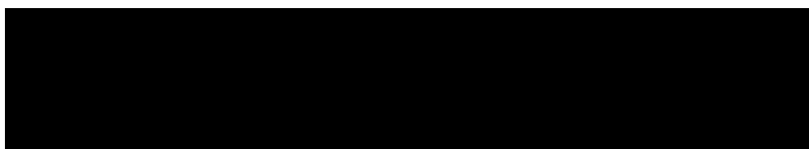


25X1A

KAZAN ABM/PROB LR SAM SEARCH AREA UR 5547N 04908E

NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D



CHELYABINSK ABM/PROB LR SAM SEARCH AREA UR 5510N 06125E

NO ABM OR NEW PROBABLE LONG RANGE SAM COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D



IVANO FRANKOVSK ABM/PROB LR SAM SRCH AREA UR 4906N 02456E

APPROXIMATELY 40 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 20-30 PERCENT CLOUD COVER. NO ABM/PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED IN CLOUD-FREE PORTIONS.

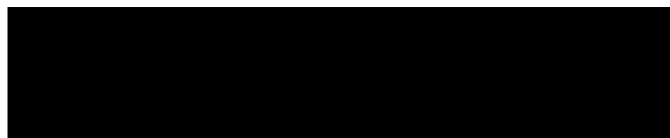
25X1D



KOMAROV SUSPECT MISSILE SEARCH AREA UR 4716N 04115E

NO SSM SITE OBSERVED.

25X1D



KHARKOV ABM SEARCH UR 4959N 03614E

NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X1D



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25X1A

DONETSK ABM SEARCH

UR 4800N 03747E

NO MOSKVA-TYPE ABM ACTIVITY OBSERVED.

25X1D [REDACTED]

SVERDLOVSK ABM SEARCH

UR 5650N 06030E

NO MOSKVA-TYPE ABM ACTIVITY OBSERVED IN CLOUD-FREE  
AREAS.

25X1D [REDACTED]

ROSTOV ABM/PROB LONG RANGE SAM SEARCH

UR 4714N 03942E

NO MOSKVA-TYPE ABM OR NEW PROBABLE LONG RANGE  
SAM-RELATED FACILITIES OBSERVED.

THE PREVIOUSLY IDENTIFIED ROSTOV PROBABLE LONG RANGE  
SAM LAUNCH COMPLEX IS CLOUD COVERED.

25X1D [REDACTED]

DNEPROPETROVSK ABM SEARCH

UR 4828N 03502E

NO MOSKVA-TYPE ABM COMPLEXES OBSERVED IN CLOUD-FREE  
AREAS.

25X1D [REDACTED]

KIYEV ABM SEARCH

UR 5027N 03030E

NO ABM LAUNCH COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D [REDACTED]

GORKIY ABM SEARCH UR 5615N 04355E

NO MOSKVA-TYPE ABM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS.

25X1D

AMDERMA HEN HOUSE SEARCH UR 6945N 06139E

NO EVIDENCE OF HEN HOUSE CONSTRUCTION IDENTIFIED IN PORTIONS OF THE SEARCH AREA COVERED.

25X1D

VORKUTA HEN HOUSE SEARCH UR 6730N 06400E

NO EVIDENCE OF HEN HOUSE CONSTRUCTION OBSERVED IN CLOUD-FREE AREAS.

25X1D

VERKHUYANSK HEN HOUSE SEARCH UR 6735N 13327E

THE SOUTHWESTERN 30 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 20 PERCENT CLOUD COVER. NO EVIDENCE OF HEN HOUSE CONSTRUCTION IDENTIFIED.

25X1D

NIKOLAYEVSK HEN HOUSE SEARCH UR 5308N 14040E

NO EVIDENCE OF HEN HOUSE ACTIVITY IN PORTIONS OF THE SEARCH AREA OBSERVED.

25X1D

IVANOVO ABM/PROB LONG RANGE SAM SEARCH UR 5700N 04059E

NO ABM OR PROBABLE LONG RANGE COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D



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SOCHI ABM/PROB LONG RANGE SAM SEARCH UR 4335N 03945E

NO ABM/PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED IN CLOUD-FREE AREAS.



KALININGRAD ABM/PROB LONG RANGE SAM SEARCH UR 5445N 02030E

NO ABM OR NEW PROBABLE LONG RANGE SAM LAUNCH COMPLEXES OBSERVED IN CLOUD-FREE AREAS.



BAKU ABM/PROB LONG RANGE SAM SEARCH UR 4027N 04953E

NO ABM/PROBABLE LONG RANGE SAM LAUNCH COMPLEXES IDENTIFIED.



OLENEGORSK ABM/PROB LONG RANGE SAM SEARCH UR 6808N 03318E

NO ABM/PROBABLE LONG RANGE SAM COMPLEXES IDENTIFIED IN CLOUD-FREE AREAS.



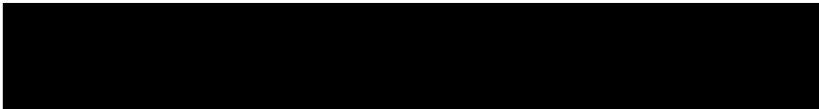
MURMANSK ABM/PROB LONG RANGE SAM SEARCH UR 6858N 03305E

NO ABM/PROBABLE LONG RANGE SAM COMPLEXES OBSERVED IN CLOUD-FREE AREAS.



YAKUTSK HEN HOUSE SEARCH UR 6205N 12944E

NO EVIDENCE OF HEN HOUSE CONSTRUCTION IDENTIFIED IN CLOUD-FREE AREAS.



ODESSA PROB LONG RANGE SAM SEARCH UR 4629N 03044E

25X1D

APPROXIMATELY 20 PERCENT OF THE EASTERN PART OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 90 PERCENT CLOUD COVER. THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH 90 PERCENT CLOUD COVER. NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1D

TUAPSE PROB LONG RANGE SAM SEARCH UR 4405N 03905E

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

ZAPOROZHYE PROB LONG RANGE SAM SEARCH UR 4750N 03508E

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

SARATOV PROB LONG RANGE SAM SEARCH UR 5132N 04600E

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

KAMYSHIN PROB LONG RANGE SAM SEARCH UR 5005N 04525E

NO PROBABLE LONG RANGE SAM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS.

25X1D

POTI PROB LONG RANGE SAM SEARCH UR 4208N 04140E

NO PROBABLE LONG RANGE SAM ACTIVITY OBSERVED.

25X1D [REDACTED]

GUBA LITSA SUBMARINE BASES NORTH & SOUTH UR 6926N 03224E

OB -- AT LEAST 11 UNIDENTIFIED SS AND 7 UNIDENTIFIED SURFACE VESSELS.

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

25X1D [REDACTED]

GUBA LITSA NAVAL MISSILE STORAGE UR 6923N 03226E

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

25X1D [REDACTED]

GUBA ANDREEVA NUCLEAR SUB SUPPORT FACILITY UR 6926N 03221E

OB -- 4 UNIDENTIFIED SURFACE VESSELS AT PIERS.

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

25X1D [REDACTED]

GUBA MOTKA NAVAL BASE UR 6942N 03207E

NO SUBMARINES OR EVIDENCE OF SUBMARINE FACILITIES OBSERVED.

25X1D [REDACTED]

SEVASTOPOL NAVAL MISSILE STORAGE FACILITY UR 4436N 03340E

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

[REDACTED]

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25X1D



25X1A

SEVASTOPOL NVL B & SHPYD SEVMORZAVOD 497 UR 4436N 03332E

OB -- AT NAVAL BASE AND SHIPYARD -- 1 CL, 7 DD, 1 DE, 4  
PCE, 9 AUXILIARIES, AND NUMEROUS SMALL CRAFT.  
IN BUKHTA KILENBALOCHNAYA -- 4 POSSIBLE SS, 1 DDG/DLG,  
10 SMALL COMBATANTS, 7 AUXILIARIES, AND 5 VESSELS.  
AT MISSILE SUPPORT FACILITY -- 1 DLG.  
IN BUKHTA KARANTINNAYA -- 10 UNIDENTIFIED SMALL CRAFT.  
AT NAVAL MINE AND TORPEDO PORT -- 1 CL, 5 DD, AND 4 DE.  
IN BUKHTA SEVERNAYA -- 3 CL.

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



SEVASTOPOL NAVAL BASE STRELETSKAYA UR 4436N 03328E

OB -- 12 SMALL COMBATANTS AND 2 YGT.

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

25X1D



SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH UR 4440N 03336E

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

25X1D



PECHENGA NAVAL BASE LINAKHAMARI UR 6938N 03122E

OB -- 8 UNIDENTIFIED SS AND 3 POSSIBLE AS AT THE  
SUBMARINE WHARVES AND 14 PROBABLE MS/PC MOORED IN THE  
INNER BAY.

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

25X1D



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25X1A

ODESSA NAVAL BASE & SHIPYARD MARTI UR 4629N 03044E

OB -- AT LEAST 7 UNIDENTIFIED VESSELS.

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



KRONSHADT NAVAL BASE AND SHIPYARD UR 5959N 02946E

OB -- AT LEAST 4 SS, 2 DD, AND 16 SMALL COMBATANTS IN  
THE SUBMARINE BASIN, 5 DD, 2 DE, 1 CA, 1 CL, 7 SMALL  
COMBATANTS, 1 AUXILIARY, AND 7 UNIDENTIFIED SMALL CRAFT  
IN THE CENTRAL HARBOR, AND 2 SMALL VESSELS AND 1 LARGE  
MERCHANT SHIP IN DRYDOCK IN THE CENTRAL HARBOR. ONE SS  
IS UNDERWAY OUTSIDE THE HARBOR.

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



BALAKLAVA SUBMARINE BASE UR 4430N 03336E

OB -- AT LEAST 12 POSSIBLE SS, 7 POSSIBLE PC/SC, AND  
SEVERAL UNIDENTIFIED SMALL CRAFT. SEVEN UNIDENTIFIED  
UNITS ARE DEAD IN THE WATER OFFSHORE.

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



HSIAO-PING-TAO NAVAL BASE CH 3848N 12129E

OB -- AN INDISTINCT IMAGE IS OBSERVED ALONGSIDE THE  
WHARF WHERE THE G-SSB IS NORMALLY BERTHED.

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



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25X1A

CHERPOVETS PROB LONG RANGE SAM LCH CPLX UR 5906N 03810E

25X1D  
25X1D  
25X1D

NO CHANGES OR ADDITIONS OBSERVED [REDACTED]  
[REDACTED] MISSILES/MISSILE-RELATED EQUIPMENT ARE NOT  
IDENTIFIABLE.

KIMRY PROB LONG RANGE SAM LAUNCH COMPLEX UR 5646N 03720E

25X1D

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

PERESLAVL-ZALESSKIY PROB LR SAM LCH CPLX UR 5645N 03838E

25X1D

CLOUDS OBSCURE A MAJOR PORTION OF LAUNCH SITE A AND THE  
MISSILE-HANDLING FACILITY. CLOUDS PARTIALLY OBSCURE  
LAUNCH SITES B AND C AND THE SUPPORT AREA. THE 2  
TRACKING/GUIDANCE RADAR MOUNDS AND THE 4 MOUNDS OF THE  
AIR WARNING RADAR FACILITY ARE OCCUPIED.  
MISSILES/MISSILE-RELATED EQUIPMENT ARE NOT  
IDENTIFIABLE.

PLESETSK PROB LONG RANGE SAM LAUNCH CPLX UR 6312N 04109E

25X1D

CONSTRUCTION STATUS OF FACILITIES AND PRESENCE OF  
MISSILES OR MISSILE-RELATED EQUIPMENT IS UNDETERMINED.

MOZHAYSK PROB LONG RANGE SAM LAUNCH CPLX UR 5538N 03548E

25X1D  
25X1D

A MISSILE-HANDLING FACILITY IS IN AN EARLY STAGE OF  
CONSTRUCTION WEST OF LAUNCH SITE C. SERVICE ROADS FOR  
THE FACILITY HAVE BEEN UNDER CONSTRUCTION [REDACTED]  
[REDACTED] TREE REMOVAL AND GROUND PREPARATION ARE  
UNDERWAY FOR COMPONENTS OF THE FACILITY.

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STATUS OF LAUNCH SITE CONSTRUCTION IS UNDETERMINED. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE IDENTIFIABLE.

THE PREVIOUSLY REPORTED PROBABLE AIR WARNING RADAR FACILITY 3.5 NM SE OF THE LAUNCH COMPLEX IS NOW CONFIRMED. THE FACILITY IS IN THE MID-STAGE OF CONSTRUCTION.

25X1D



25X1A

VOLGOGRAD PROB LONG RANGE SAM LCH CPLX UR 4821N 04417E

25X1D

SINCE PREVIOUS COVERAGE [REDACTED] THE 3 RADAR POSITIONS AT THE TRACKING/GUIDANCE FACILITY AND THE 4 RADAR POSITIONS AT THE AIR WARNING RADAR FACILITY HAVE BEEN OCCUPIED. NO SIGNIFICANT CHANGE IS OBSERVED AT THE REMAINDER OF THE COMPLEX.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR PREVIOUSLY UNREPORTED FEATURES ARE DISCERNIBLE.

25X1D



KRASNOYARSK PROB LONG RANGE SAM LCH CPLX UR 5634N 09320E

25X1D

SINCE THE LAST COVERAGE [REDACTED] CONSTRUCTION OF TRACK BEDS HAS BEEN INITIATED AT THE LAUNCH POSITIONS OF SITES A AND C AND POSSIBLY AT POSITIONS 4, 5, AND 6 OF SITE B. CONSTRUCTION ACTIVITY CONTINUES AT THE SUPPORT FACILITY AND IS NOW UNDERWAY AT THE MISSILE-HANDLING FACILITY. A DITCH/ROAD IS NEWLY OBSERVED EXTENDING FROM THE SUPPORT FACILITY A SHORT DISTANCE TO THE WEST OF THE COMPLEX. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE OBSERVED AT THE COMPLEX.

25X1D



TOMSK PROB LONG RANGE SAM LAUNCH COMPLEX UR 5636N 08433E

25X1D

FEW SIGNIFICANT CONSTRUCTION CHANGES HAVE OCCURRED AT THE COMPLEX SINCE THE LATEST COVERAGE [REDACTED]

25X1D

[REDACTED] FIVE BUILDINGS APPEAR TO BE EXTERNALLY COMPLETE IN THE SUPPORT FACILITY AND 2 GROUND SCARS ARE

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NEWLY OBSERVED RUNNING NW FROM THE FACILITY. GROUND SCARS ARE ALSO NEWLY OBSERVED IN THE VICINITY OF LAUNCH SITE A. VEHICLES/PIECES OF EQUIPMENT REMAIN IN THE COMPLEX AREA. NO MISSILES/MISSILE-RELATED EQUIPMENT ARE IDENTIFIABLE AT THE COMPLEX.

25X1D



25X1A

SHARYA PROB LONG RANGE SAM LAUNCH COMPLEX UR 5826N 04530E

25X1D

CONSTRUCTION OF LAUNCH POSITION REVETMENTS HAS BEGUN AT THE 3 LAUNCH SITES, WITH SITE A BEING MOST ADVANCED. NEW ROAD CONSTRUCTION, PROBABLY FOR THE MISSILE-HANDLING FACILITY, IS UNDERWAY. BUILDING CONSTRUCTION HAS PROGRESSED ON 2 OF THE 4 BUILDINGS AT THE SUPPORT FACILITY. NO SIGNIFICANT CHANGE IS OBSERVED IN THE STATUS OF THE TRACKING/GUIDANCE FACILITY. THE COMPLEX IS ESTIMATED TO BE IN AN EARLY-TO-MID STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE IDENTIFIABLE.

25X1D



NEYA PROB LONG RANGE SAM LAUNCH COMPLEX UR 5822N 04348E

AT LAUNCH SITE A, 2 ADDITIONAL LAUNCH REVETMENTS ARE UNDER CONSTRUCTION MAKING A TOTAL OF 6 LAUNCH POSITIONS, WHILE AT LAUNCH SITE C, 6 LAUNCH POSITION REVETMENTS ARE UNDER CONSTRUCTION. CLEARING OF TREES HAS BEGUN IN THE CENTER OF LAUNCH SITE B. IN THE SUPPORT AREA, A FOURTH BUILDING HAS BEEN CONSTRUCTED. NO MISSILES OR MISSILE-HANDLING EQUIPMENT OBSERVED.

25X1D



KIYEV PROB LONG RANGE SAM LAUNCH COMPLEX UR 5014N 03005E

25X1D

NO SIGNIFICANT CHANGES OR NEW CONSTRUCTION OBSERVED. VEHICLES/PIECES OF EQUIPMENT REMAIN PARKED ALONG THE COMPLEX ACCESS ROAD. NO MISSILES ARE IDENTIFIABLE.

25X1D





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25X1A

BORSHCHEV PROB LONG RANGE SAM LAUNCH CPLX UR 4846N 02602E

25X1D THE COMPLEX NOW HAS 3 LAUNCH SITES IN EARLY STAGES OF  
CONSTRUCTION. SITE A AND POSSIBLE INITIAL GROUND  
SCARRING FOR SITE B WERE PRESENT

25X1D [REDACTED] TREE CLEARANCE AND GRADING HAS BEGUN FOR RADAR  
POSITIONS OF THE TRACKING/GUIDANCE FACILITY. NO  
MISSILES/MISSILE-RELATED EQUIPMENT ARE IDENTIFIABLE.

25X1D [REDACTED]

TYURATAM MTC PROB LR SAM LAUNCH COMPLEX UR 4547N 06312E

25X1D NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

25X1D [REDACTED]

BEREZNIKI PROB LONG RANGE SAM LAUNCH CPLX UR 5932N 05646E

25X1D THE LAUNCH SITES AT THE DOUBLY SECURED COMPLEX ARE  
SHAPED LIKE THOSE AT THE PERSLAVL-ZALESSKIY PROBABLE  
LONG RANGE SAM COMPLEX. THE LAUNCH REVETMENTS AT SITES  
B AND C (NO REVETMENTS AT SITE A) ARE SIMILAR TO THE  
REVETMENTS AT THE VOLGOGRAD PROBABLE LONG RANGE SAM  
COMPLEX.

25X1D [REDACTED] THE SITE A SERVICE ROAD  
HAS BEEN COMPLETED AND PRELIMINARY CONSTRUCTION HAS  
BEGUN AT LAUNCH POSITIONS A4-A6.

REVETMENTS ARE PRESENT AT LAUNCH POSITIONS B1, B3-B6,  
AND C1-C4. REVETMENTS WERE FORMED AT C1 AND C2 BY  
EXCAVATING AND PLACING THE LAUNCH POSITIONS BELOW  
GROUND LEVEL. A LARGE EXCAVATION IS LOCATED AT A2.

THE SUPPORT AREA CONSISTS OF 4 PROBABLY COMPLETED  
BUILDINGS, 3 BUILDINGS UNDER CONSTRUCTION, AND A  
FOUNDATION FOR ANOTHER BUILDING.

ONLY TWO SERVICE ROADS ARE DISCERNIBLE IN THE  
MISSILE-HANDLING FACILITY.

A SOLID FENCE BORDERS THE PORTION OF THE COMPLEX  
ADJACENT TO A HIGHWAY.

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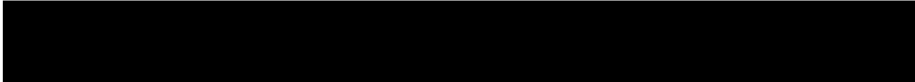
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THE PREVIOUSLY REPORTED SUSPECT AIR WARNING RADAR FACILITY CAN NOW BE IDENTIFIED AS A BORROW PIT. NO OTHER AIR WARNING PROSPECTS ARE OBSERVED.

25X1D



25X1A

MOSKVA PROB LONG RANGE SAM LCH POSITION UR 5520N 03627E

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

25X1D

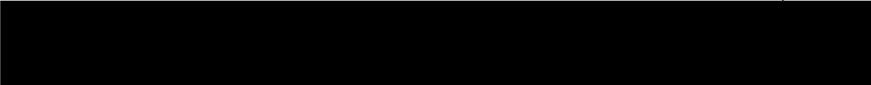


TIKHAVIN PROB LONG RANGE SAM LAUNCH CPLX UR 5944N 03324E

CONSTRUCTION HAS CONTINUED WITH COMMENCEMENT OF CONSTRUCTION ON LAUNCH SITES B AND C. NO MISSILES OR MISSILE-HANDLING EQUIPMENT OBSERVED.

25X1D

25X1D



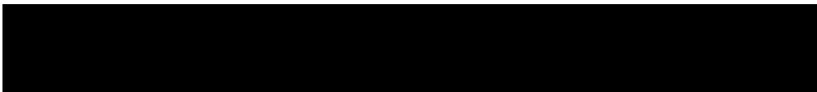
25X1D

MINSK PROB LONG RANGE SAM LCH CPLX UR 5335N 02710E

23 NM SW OF MINSK. CONSTRUCTION CONTINUES THREE LAUNCH SITES ARE NOW VERY DISTINCT AND CLEARINGS HAVE BEEN CUT IN THE VICINITY OF THE TRACKING/GUIDANCE FACILITY. THE LAUNCH AREA MAIN ROAD, LAUNCH SITE ACCESS ROAD, AND THE LAUNCH SITE SERVICE ROADS ARE VIRTUALLY COMPLETE. CLEARING AND LEVELING OPERATIONS ARE UNDERWAY AT THE LAUNCH POSITIONS AT ALL 3 SITES. EARTH SCARS/CLEARINGS EXTEND FROM THE LAUNCH POINTS AT ALL 3 SITES, WITH THOSE AT SITE B EXTENDING AWAY FROM THE SITE AT AN UNUSUAL ANGLE. CLEARING AND ROAD CONSTRUCTION ACTIVITY IS APPARENT IN THE CONTROL CENTER OF EACH LAUNCH SITE. NO EVIDENCE OF CONSTRUCTION AT THE MISSILE-HANDLING FACILITY, THE SUPPORT AREA, OR THE AIR WARNING RADAR FACILITY OBSERVED.

25X1D

25X1D



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25X1A

PAO-TOU SAM SITE A05-2

CH 4043N 11002E

FIVE LAUNCH POSITIONS CONTAIN PROBABLE SA-2 MISSILE TRANSPORTERS. OCCUPANCY OF THE SIXTH POSITION IS UNDETERMINED. THE GUIDANCE AREA CONTAINS A PROBABLE RADAR AND APPROXIMATELY 8 VEHICLES/PIECES OF EQUIPMENT WHICH MAY BE ELECTRONICS SUPPORT VANS. AT LEAST 40 PROBABLE TENTS AND NUMEROUS VEHICLES/PIECES OF EQUIPMENT ARE EVIDENT.

25X1D

SHUANG-CHENG-TZU MTC SAM SITE A12-2

CH 4106N 10020E

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

25X1D

PYONGYANG SAM SITE C05-2

KN 3916N 12606E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 2 PROBABLY OCCUPIED AND 4 OF UNDETERMINED OCCUPANCY. A REVETTED GUIDANCE AREA IS OCCUPIED BY A RADAR AND 1 STRUCTURE.

25X1D

DOSTOYEVKA SAM SITE A03-2

UR 4421N 13330E

SITE IS OF SKULL CONFIGURATION AND CONSISTS OF 6 REVETTED LAUNCH POSITIONS AND A REVETTED GUIDANCE AREA, OCCUPANCY UNDETERMINED. ON-SITE SUPPORT CONSISTS OF 5 SMALL BUILDINGS APPROXIMATELY 700 FT SOUTH OF THE LAUNCH AREA AND 3 OTHER BUILDINGS APPROXIMATELY 1,500 FT SOUTH OF THE LAUNCH AREA.

AN ALTERNATE SITE IS APPROXIMATELY 4 NM NE OF THE LAUNCH AREA AND CONSISTS OF 6 LAUNCH POSITIONS AND A GUIDANCE AREA, REVETTING AND OCCUPANCY UNDETERMINED.

25X1D

TOP SECRET CHESS RUFF

25X1A

DZHAMBUL SAM SITE A24-2 UR 4249N 07112E

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

25X1D



GLAZOV SAM SUPPORT FACILITY UR 5806N 05240E

NO CHANGE OBSERVED TO THE FACILITY. TEN UNIDENTIFIED VEHICLES ARE IN THE SUPPORT FACILITY. THE ADJACENT UKRAINA-TYPE REVETMENT IS OCCUPIED BY 2 UNIDENTIFIED VEHICLES.

25X1D



SEVERODVINSK SAM SITE B02-3 UR 6445N 03958E

NO CHANGE OBSERVED TO THE FACILITY. THE SITE CONSISTS OF 4 OCCUPIED LAUNCH POSITIONS, A GUIDANCE AREA OCCUPIED BY A POSSIBLE GUIDANCE RADAR, AND AN OCCUPIED MISSILE-HOLD POSITION.

25X1D



HUNGDOGI-DONG SAM SITE A25-2 KN 3948N 12733E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS OF UNDETERMINED OCCUPANCY, AN UNREVETTED GUIDANCE AREA OCCUPIED BY A STRUCTURE, AND 3 REVETTED MISSILE-HOLD POSITIONS, 2 CONTAINING A STRUCTURE. A PROBABLY OCCUPIED ACQUISITION RADAR POSITION IS APPROXIMATELY 1,200 FT SOUTH OF THE LAUNCH AREA.

25X1D



PYONGYANG SAM SITE C33-2 KN 3920N 12531E

SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 3 OCCUPIED BY UNIDENTIFIED OBJECTS AND 3 OF UNDETERMINED OCCUPANCY, AND A REVETTED GUIDANCE AREA OCCUPIED BY 2 BUILDINGS.

TOP SECRET CHESS RUFF

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25X1D



25X1A

WONSAN SAM SITE A10-2 KN 3908N 12735E

SITE CONTAINS 6 UNRETTED LAUNCH POSITIONS OF UNDETERMINED OCCUPANCY AND AN UNRETTED GUIDANCE AREA OCCUPIED BY 2 BUILDINGS AND AN UNIDENTIFIED PIECE OF EQUIPMENT.

25X1D



SINPO SAM SITE A09-2 KN 4001N 12813E

ONLY 4 RETTTED PROBABLE LAUNCH POSITIONS, AN UNRETTED PROBABLE GUIDANCE AREA WITH A STRUCTURE, AND THE RETTTED PROBABLE MISSILE-HOLD BUILDING ARE DISCERNIBLE.

25X1D



POSTAVY SAM SUPPORT FACILITY UR 5507N 02647E

SEVERAL PIECES OF UNIDENTIFIED EQUIPMENT ARE IN THE UKRAINA-TYPE RETTMENT.

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

25X1D



WU-SHA-TA-LA SAM SITE A15-2 CH 4208N 08714E

ALL LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED. SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE APPARENT IN THE SUPPORT AREA.

25X1D



STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 1 UR 6922N 03413E

EACH LAUNCH POSITION IS OCCUPIED BY AN UNIDENTIFIED PIECE OF EQUIPMENT. OCCUPANCY OF THE GUIDANCE AREA IS UNDETERMINED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

TOP SECRET CHESS RUFF

25X1D



25X1A

STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 2 UR 6922N 03404E

BOTH LAUNCH POSITIONS APPEAR TO BE OCCUPIED BY UNIDENTIFIED EQUIPMENT. OCCUPANCY OF THE GUIDANCE AREA IS UNDETERMINED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 3 UR 6921N 03401E

BOTH LAUNCH POSITIONS APPEAR TO BE OCCUPIED BY UNIDENTIFIED EQUIPMENT. OCCUPANCY OF THE GUIDANCE AREA IS UNDETERMINED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



POTI CRUISE-MISSILE LAUNCH SITE 1 UR 4210N 04139E

BOTH LAUNCH POSITIONS APPEAR TO BE OCCUPIED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

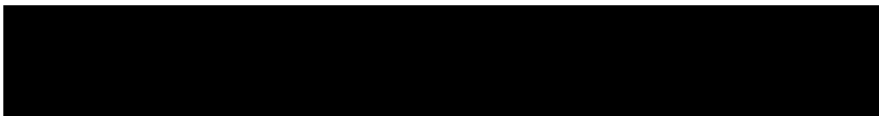
25X1D



POTI CRUISE-MISSILE LAUNCH SITE 2 UR 4206N 04140E

ONE LAUNCH POSITION IS POSSIBLY OCCUPIED. OCCUPANCY OF THE OTHER LAUNCH POSITION IS UNDETERMINED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

25X1D



POTI CRUISE-MISSILE LAUNCH SITE 3 UR 4211N 04139E

OCCUPANCY OF THE LAUNCH POSITIONS IS UNDETERMINED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

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25X1D

[REDACTED]

25X1A

MYS KEKURSKIY CRUISE-MISSILE LAUNCH SITE UR 6953N 03209E

25X1D

[REDACTED] OCCUPANCY OF THE LAUNCH POSITIONS AND GUIDANCE AREA IS UNDETERMINED.

25X1D

[REDACTED] EACH LAUNCH POSITION IS OCCUPIED BY 2 UNIDENTIFIED OBJECTS. NO OTHER ACTIVITY OBSERVED.

25X1D

[REDACTED]

MYS KEKURSKIY CRUISE-MISSILE SUPPORT FAC UR 6953N 03209E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D

[REDACTED]

BATUMI CRUISE-MISSILE LAUNCH SITES UR 4136N 04135E

NO CRUISE-MISSILE SITES OR ASSOCIATED CRUISE-MISSILE ACTIVITY OBSERVED WITHIN A 3-NM RADIUS OF THE REFERENCED COORDINATES.

25X1D

[REDACTED]

SUPSA CRUISE-MISSILE LAUNCH SITE UR 4158N 04147E

SITE IS PROBABLY UNOCCUPIED. NO NEW CONSTRUCTION ACTIVITY OBSERVED.

25X1D

[REDACTED]

CHERNOMORSKOYE CRUISE-MISSILE LAUNCH SITE UR 4531N 03241E

25X1D

BOTH LAUNCH POSITIONS ARE PROBABLY UNOCCUPIED. NO SIGNIFICANT CHANGES OBSERVED IN THE AREA

25X1D

[REDACTED]

TOP SECRET CHESS RUFF

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25X1D



25X1A

GLAZOV REGIONAL MILITARY STOR INSTLN UR 5751N 05316E

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

25X1D



BERDICHEV REGIONAL MILITARY STOR INSTLN UR 4956N 02819E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



25X2



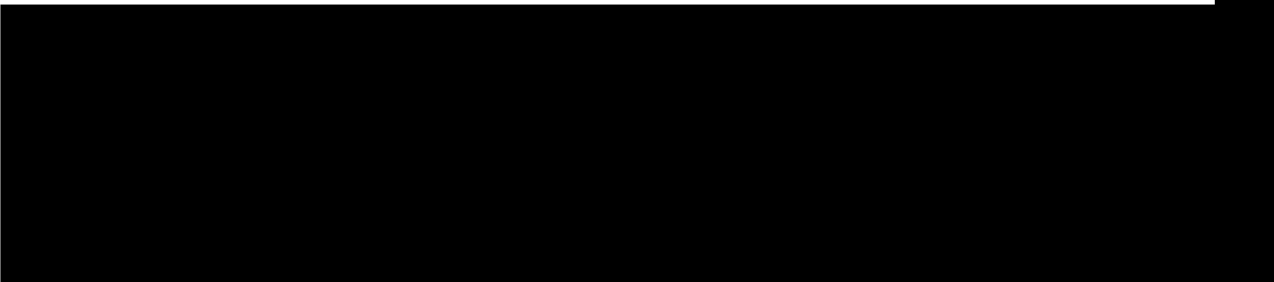
NOVAYA MEZINOVKA IRBM REAR DEPOT UR 5330N 02655E

NO SIGNIFICANT CHANGE OBSERVED.

25X1D



25X2





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TOP SECRET CHESS RUFF

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25X1A

SUROVATIKHA REGIONAL MILITARY STOR INSTLN UR 5543N 04352E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

[REDACTED]

25X1D

[REDACTED]

25X2

BALTA REGIONAL MILITARY STORAGE INSTLN UR 4750N 02954E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

[REDACTED]

25X1D

MOSKVA SAM STORAGE SITE 4 UR 5519N 03727E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

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

[REDACTED]

25X1D

MOSKVA SAM STORAGE SITE 6 UR 5551N 03651E

NO NON-SA-1-TYPE MISSILES OR ASSOCIATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE SITE.

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

[REDACTED]

25X1D

ARKHANGELSK SAM SUPPORT FACILITY 1 UR 6431N 04043E

NO CHANGE OBSERVED TO THE FACILITY. TWO POSSIBLE MISSILE TRANSPORTERS ARE IN THE FACILITY. THE

ASSOCIATED UKRAINA-TYPE REVETMENT IS UNOCCUPIED.

25X1D

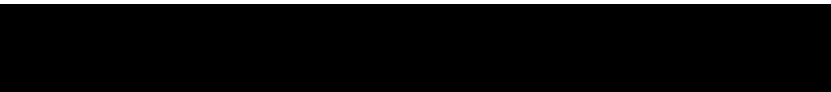


25X1A

SUMGAIT MISSILE STORAGE FACILITY UR 4032N 04936E

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

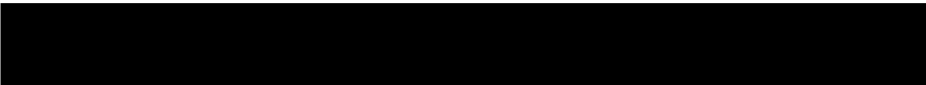
25X1D



MOSKVA SA-3 SAM TRAINING FACILITY UR 5600N 03626E

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

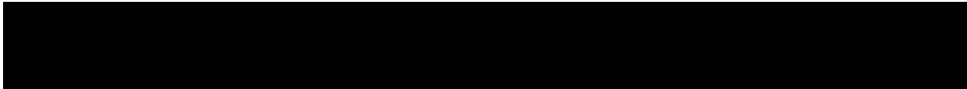
25X1D



LENINGRAD SAM TRAINING FACILITY UR 6007N 03059E

NO CHANGE OBSERVED TO THE FACILITY. THE 2 SA-2 SITES HAVE 6 OCCUPIED LAUNCH POSITIONS, 6 UNOCCUPIED LAUNCH POSITIONS, AND 2 GUIDANCE AREAS OF UNDETERMINED OCCUPANCY. THE SA-3 SITE HAS 1 OCCUPIED LAUNCH POSITION AND 3 OF UNDETERMINED OCCUPANCY. THE 2 PROBABLE LONG RANGE SAM TRAINING AREAS ARE OF UNDETERMINED OCCUPANCY. FOUR OF THE 6 ASSOCIATED RADAR MOUNDS ARE OCCUPIED AND 2 ARE OF UNDETERMINED OCCUPANCY. FIVE UNIDENTIFIED VEHICLES ARE OBSERVED IN THE AREA.

25X1D



KORDON SAM TRAINING CENTER UR 4725N 04803E

THE ENTIRE SAM TRAINING CENTER IS CLOUD COVERED WITH THE EXCEPTION OF THE HOUSING AND SUPPORT AREA, THE AREA TO THE NW OF THE HOUSING AND SUPPORT AREA IN THE VICINITY OF LAUNCH SITES 13A AND 13B (NEWLY IDENTIFIED

25X1D



25X1D

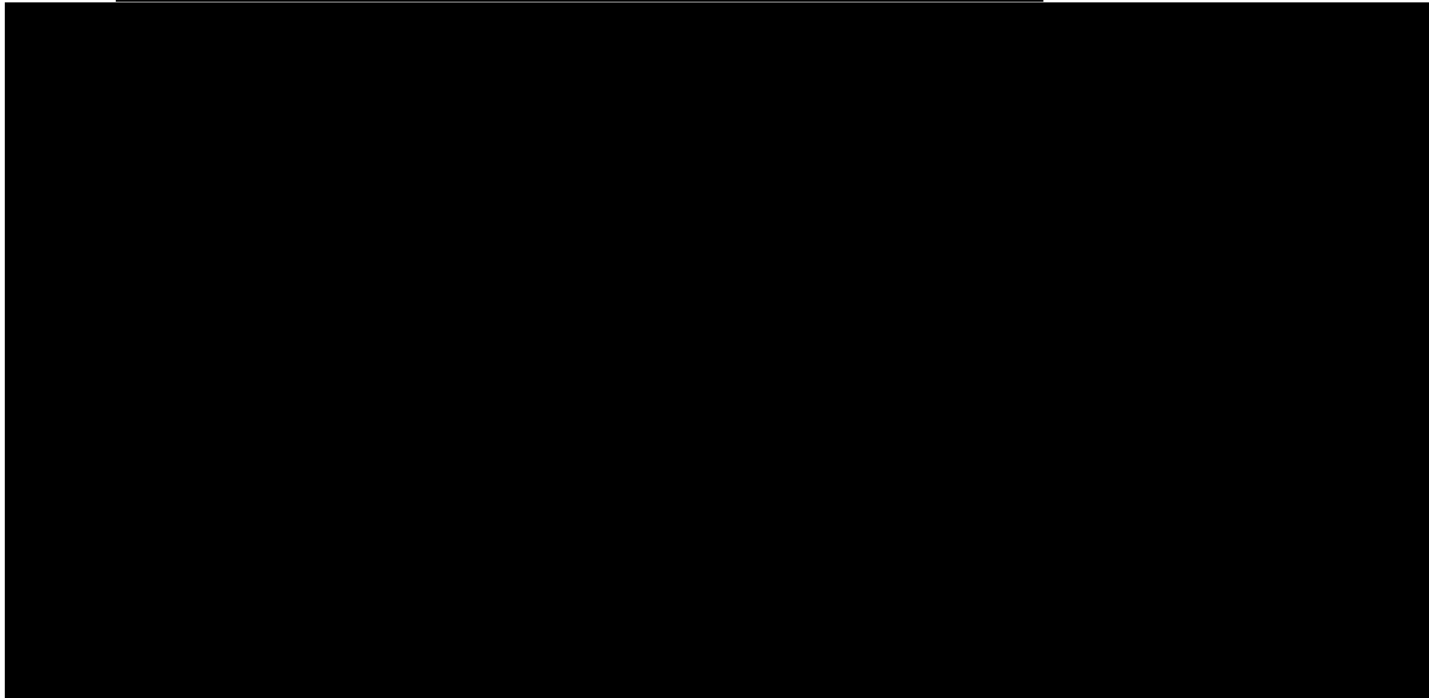
AND THE LANDING STRIP. NO APPARENT CHANGE IS OBSERVED AT THE HOUSING AND SUPPORT AREA UNIDENTIFIED VEHICULAR/EQUIPMENT ACTIVITY IS APPARENT IN THE

VICINITY OF LAUNCH SITES 13A AND 13B. A  
RECTANGULAR-SHAPED GROUND SCAR OUTLINE APPROXIMATELY  
THE SAME WIDTH AS THE LANDING STRIP IS OBSERVED  
EXTENDING FROM EACH END OF THE LANDING STRIP. ALTHOUGH  
NO GROUND SCARRING IS OBSERVED WITHIN THE OUTLINE  
PATTERN, THIS OUTLINE MAY REPRESENT THE INITIAL  
SURVEYING STAGE FOR LENGTHENING THE STRIP. NO MISSILES  
OR MISSILE-RELATED EQUIPMENT IDENTIFIED IN CLOUD-FREE  
PORTIONS OF THE SAM TRAINING CENTER.

25X1D



25X1D



AL ISMAILIYAH SAM SUPPORT FACILITY EG 3037N 03215E BONUS 1

2.1 NM NNW OF AL ISMAILIYAH AT 30-37-32N 032-15-40E.  
FACILITY CONSISTS OF 1 LARGE AND 1 SMALL DRIVE-THROUGH  
BUILDINGS AND 4 LARGE AND 3 SMALL MISCELLANEOUS  
BUILDINGS. NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT  
OBSERVED.

25X1D



AL ISMAILIYAH SAM SITE C29-2 EG 3040N 03149E BONUS 2

28.5 NM NW OF AL ISMAILIYAH AT 30-40-05N 031-49-35E.  
NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 6 REVETTED  
LAUNCH POSITIONS, 5 UNOCCUPIED AND 1 POSSIBLY OCCUPIED,  
A PROBABLY REVETTED PARTIALLY COVERED GUIDANCE AREA,  
AND 3 PROBABLE MISSILE-HOLD BUILDINGS.

25X1D

TANTA SAM SITE C33-2 EG 3106N 03044E BONUS 3

23.5 NM NNW OF TANTA AT 31-06-22N 030-44-00E.  
A NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 6 REVETTED  
PROBABLY UNOCCUPIED LAUNCH POSITIONS, A REVETTED  
PARTIALLY COVERED GUIDANCE AREA, AND 3 PROBABLY  
UNRETTED MISSILE-HOLD BUILDINGS.

25X1D

TANTA SAM SITE B02-2 EG 3106N 03104E BONUS 4

19.1 NM NNE OF TANTA AT 31-06-04N 031-04-38E.  
NEWLY IDENTIFIED SA-2 SAM SITE CONSISTS OF 6 REVETTED  
PROBABLY UNOCCUPIED LAUNCH POSITIONS, A PROBABLY  
RETTED, PARTIALLY COVERED GUIDANCE AREA, AND 3  
PROBABLY UNRETTED MISSILE-HOLD BUILDINGS.

25X1D

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25X1A

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TOP SECRET CHESS RUFF

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TYUMEN ICBM COMPLEX	UR 5652N 06551E 1
TYUMEN ICBM RAIL-TO-ROAD TRANSFER POINT	UR 5653N 06547E *
YEDROVO ICBM COMPLEX	UR 5751N 03340E *
GLADKAYA ICBM COMPLEX	UR 5606N 09214E 1
GLADKAYA ICBM LAUNCH SITE 8 (F)	UR 5617N 09218E *
GLADKAYA ICBM LAUNCH SITE 11 (F)	UR 5610N 09210E *
GLADKAYA ICBM LAUNCH SITE 12 (F)	UR 5613N 09210E *
GLADKAYA ICBM LAUNCH SITE 14 (F)	UR 5617N 09223E *
GLADKAYA ICBM LAUNCH SITE 15 (F)	UR 5616N 09214E *
GLADKAYA ICBM LAUNCH SITE 16 (G)	UR 5614N 09144E *
GLADKAYA ICBM LAUNCH SITE 17 (G)	UR 5612N 09144E *
GLADKAYA ICBM LAUNCH SITE 19 (G)	UR 5612N 09139E *
GLADKAYA ICBM LAUNCH SITE 20 (F)	UR 5612N 09205E *
GLADKAYA ICBM LAUNCH SITE 23 (G)	UR 5613N 09149E *
GLADKAYA ICBM LAUNCH SITE 24 (G)	UR 5608N 09143E *
GLADKAYA ICBM LAUNCH SITE 38 (G)	UR 5610N 09146E *
GLADKAYA ICBM LAUNCH SITE 49 (J)	UR 5626N 09239E *
GLADKAYA ICBM LAUNCH SITE 55 (J)	UR 5627N 09229E *
GLADKAYA ICBM LAUNCH SITE 56 (J)	UR 5623N 09231E *
GLADKAYA ICBM COMPLEX SUPPORT FACILITY	UR 5606N 09214E *
UZHUR ICBM COMPLEX	UR 5517N 08999E *
NOVOSIBIRSK ICBM COMPLEX	UR 5515N 08259E 1
KOZELSK ICBM COMPLEX	UR 5356N 03549E 1
KOZELSK ICBM LAUNCH SITE 20 (H)	UR 5357N 03527E *
KOZELSK ICBM LAUNCH SITE 28 (H)	UR 5356N 03534E *
OLOVYANNAYA ICBM COMPLEX	UR 5049N 11550E 1
OLOVYANNAYA ICBM LAUNCH SITE 19 (E)	UR 5052N 11556E *
OLOVYANNAYA ICBM LAUNCH SITE 30 (G)	UR 5040N 11545E *
OLOVYANNAYA ICBM LAUNCH SITE 34 (G)	UR 5049N 11542E *
OLOVYANNAYA ICBM LAUNCH SITE 60 (J)	UR 5033N 11556E *
OLOVYANNAYA ICBM LAUNCH SITE 65 (J)	UR 5032N 11549E *
OLOVYANNAYA ICBM LAUNCH SITE 82 (I)	UR 5055N 11616E *
OLOVYANNAYA ICBM LAUNCH SITE 84 (I)	UR 5100N 11616E *
OLOVYANNAYA ICBM LAUNCH SITE 86 (I)	UR 5057N 11624E *
OLOVYANNAYA ICBM LAUNCH SITE 91 (L)	UR 5054N 11626E *
DOMBAROVSKIY ICBM COMPLEX	UR 5101N 05950E 1
DOMBAROVSKIY ICBM LAUNCH SITE 1 (A)	UR 5058N 05932E *
DOMBAROVSKIY ICBM LAUNCH SITE 4 (A)	UR 5111N 05937E *
DOMBAROVSKIY ICBM LAUNCH SITE 8 (B)	UR 5102N 05957E *
DOMBAROVSKIY ICBM LAUNCH SITE 36 (F)	UR 5117N 05946E *
DOMBAROVSKIY ICBM LAUNCH SITE 38 (F)	UR 5123N 05957E *
ALEYSK ICBM COMPLEX	UR 5229N 08243E 1
IMENI GASTELLO ICBM COMPLEX	UR 5106N 06618E 1
IMENI GASTELLO ICBM LAUNCH SITE 6 (A)	UR 5113N 06605E *
IMENI GASTELLO ICBM LAUNCH SITE 13 (C)	UR 5056N 06550E *
IMENI GASTELLO ICBM LAUNCH SITE 14 (C)	UR 5054N 06542E *
IMENI GASTELLO ICBM LAUNCH SITE 15 (C)	UR 5054N 06534E *
TATISHCHEVO ICBM COMPLEX	UR 5140N 04534E 1
PETROVSKIY ICBM LAUNCH SITE	UR 5000N 05657E 1

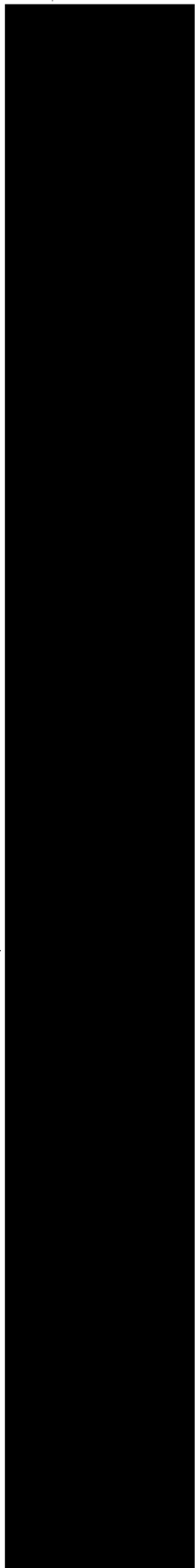
BALTA MRBM LAUNCH SITE 1	UR 4801N 02934E 1
KODMYA FIXED FIELD MRBM SITE	UR 4804N 02918E 1
SOFIYE-ALEKSEYEVSKOYE MRBM LAUNCH SITE	UR 4415N 13122E 1
BARANO-ORENBURGSKOYE MRBM LAUNCH SITE	UR 4420N 13130E 1
SOFIYE-ALEKSEYEVSKOYE FIXED FLD MRBM SITE	UR 4411N 13124E 1
OLEVSK MRBM LAUNCH SITE 1	UR 5108N 02759E 1
OLEVSK MRBM LAUNCH SITE 2	UR 5110N 02803E 1
RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	UR 5103N 02807E 1
RUDNYA ZLOTINSKAYA FIXED FIELD MRBM SITE	UR 5108N 02800E 1
SKALA-PODOLSKAYA MRBM LAUNCH SITE 1	UR 4851N 02608E 1
SKALA-PODOLSKAYA MRBM LAUNCH SITE 2	UR 4852N 02603E 1
SKALA-PODOLSKAYA FIXED FIELD MRBM SITE 1	UR 4853N 02613E 1
SKALA-PODOLSKAYA FIXED FIELD MRBM SITE 2	UR 4852N 02616E 1
BREST MRBM LAUNCH SITE 1	UR 5148N 02400E 1
BREST MRBM LAUNCH SITE 2	UR 5151N 02401E 1
PISHCHA FIXED FIELD MRBM SITE	UR 5135N 02346E 1
ZAMSHANY FIXED FIELD MRBM SITE	UR 5151N 02402E 1
BRODY MRBM LAUNCH SITE 1	UR 5006N 02512E *
BRODY MRBM LAUNCH SITE 2	UR 5012N 02505E 1
BERESTECHKO MRBM LAUNCH SITE	UR 5020N 02505E *
YAZLOVCHIK FIXED FIELD MRBM SITE	UR 5005N 02501E 1
STANISLAVCHIK FIXED FIELD MRBM SITE	UR 5006N 02456E 1
DERAZHNYA MRBM LAUNCH SITE 1	UR 4920N 02726E 1
DERAZHNYA MRBM LAUNCH SITE 2	UR 4926N 02728E 1
KHMELNITSKIY MRBM LAUNCH SITE	UR 4924N 02708E *
KHMELNITSKIY FIXED FIELD MRBM SITE	UR 4925N 02706E 1
LETICHEV FIXED FIELD MRBM SITE 1	UR 4922N 02743E 1
LETICHEV FIXED FIELD MRBM SITE 2	UR 4925N 02744E *
DISNA MRBM LAUNCH SITE	UR 5535N 02816E 1
ZELKI MRBM LAUNCH SITE	UR 5535N 02824E 1
BORKOVICHI MRBM LAUNCH SITE	UR 5541N 02827E 1
DERNOVICHI FIXED FIELD MRBM SITE	UR 5547N 02819E 1
DEMIDOVO FIXED FIELD MRBM SITE	UR 5601N 02818E 1
MORACHKOVO FIXED FIELD MRBM SITE	UR 5553N 02816E 1
DYATLOVO MRBM LAUNCH SITE	UR 5332N 02517E 1
BEREZOVKA MRBM LAUNCH SITE	UR 5335N 02527E 1
ZBLYANY MRBM LAUNCH SITE	UR 5335N 02517E 1
BEREZOVKA FIXED FIELD MRBM SITE	UR 5342N 02530E 1
BORKHOV MRBM LAUNCH SITE 1	UR 5218N 03042E 1
BORKHOV MRBM LAUNCH SITE 2	UR 5224N 03038E 1
GOMEL FIXED FIELD MRBM SITE 1	UR 5220N 03050E 1
GOMEL FIXED FIELD MRBM SITE 2	UR 5224N 03050E 1
GRANOV IRBM LAUNCH SITE 1	UR 4856N 02930E 1
GRANOV IRBM LAUNCH SITE 2	UR 4850N 02928E 1
GRESK MRBM LAUNCH SITE 1	UR 5314N 02742E 1
GRESK MRBM LAUNCH SITE 2	UR 5316N 02740E 1
URECHYE MRBM LAUNCH SITE	UR 5311N 02758E 1
SUNZHENSKOYE MRBM LAUNCH SITE	UR 4308N 04454E 1
NESTEROVSKAYA MRBM LAUNCH SITE	UR 4311N 04457E 1



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ACHKHOY-MARTAN MRBM LAUNCH SITE	UR 4310N 04510E 1
GVARDEYSK MRBM LAUNCH SITE 2	UR 5445N 02109E *
KARMELAVA MRBM LAUNCH SITE	UR 5457N 02405E *
JONAVA MRBM LAUNCH SITE	UR 5500N 02414E 1
KAISIADORYS FIXED FIELD MRBM SITE	UR 5459N 02428E 1
KAMENETS-PODOLSKIY MRBM LAUNCH SITE 1	UR 4851N 02642E 1
DUNAYEVTSY MRBM LAUNCH SITE	UR 4855N 02659E 1
YARMOLINTSY FIXED FIELD MRBM SITE	UR 4912N 02646E 1
VINKOVTSY FIXED FIELD MRBM SITE	UR 4856N 02711E 1
KIVERTSY MRBM LAUNCH SITE 1	UR 5053N 02530E 1
KIVERTSY MRBM LAUNCH SITE 2	UR 5056N 02536E 1
TROSTYANETS MRBM LAUNCH SITE	UR 5058N 02539E 1
KIVERTSY FIXED FIELD MRBM SITE	UR 5050N 02523E 1
PETRIKOV MRBM LAUNCH SITE	UR 5210N 02834E 1
KONKOVICHI MRBM LAUNCH SITE	UR 5215N 02837E 1
NOVSELKI FIXED FIELD MRBM SITE 1	UR 5223N 02843E 1
NOVOSELKI FIXED FIELD MRBM SITE 2	UR 5226N 02841E 1
KOROSTEN MRBM LAUNCH SITE 1	UR 5051N 02818E 1
KOROSTEN MRBM LAUNCH SITE 2	UR 5052N 02831E 1
LITKI FIXED FIELD MRBM SITE 1	UR 5101N 02827E 1
YEMILCHINO FIXED FIELD MRBM SITE 1	UR 5052N 02753E 1
YEMILCHINO FIXED FIELD MRBM SITE 2	UR 5052N 02753E 1
LITKI FIXED FIELD MRBM SITE 2	UR 5101N 02824E 1
KOZHANOVICHI MRBM LAUNCH SITE 1	UR 5210N 02751E 1
KOZHANOVICHI MRBM LAUNCH SITE 2	UR 5211N 02748E 1
LYUDENEVICH I FIXED FIELD MRBM SITE	UR 5218N 02741E 1
KRASNOZNAMENSK FIXED FIELD MRBM SITE	UR 5457N 02235E *
SUDARGAS FIXED FIELD MRBM SITE	UR 5500N 02235E 1
MANZOVKA FIXED FIELD MRBM SITE	UR 4412N 13234E 1
KROLEVETS IRBM LAUNCH SITE 1	UR 5136N 03329E *
BEREZA IRBM LAUNCH SITE	UR 5143N 03344E *
KURGANCHA MRBM LAUNCH SITE 1	UR 3937N 06557E 1
KURGANCHA MRBM LAUNCH SITE 2	UR 3936N 06552E 1
TYM MRBM LAUNCH SITE	UR 3935E 06542E 1
KURGANCHA FIXED FIELD MRBM SITE	UR 3945N 06601E 1
LEBEDIN IRBM LAUNCH SITE 1	UR 5032N 03425E *
LEBEDIN IRBM LAUNCH SITE 2	UR 5035N 03424E *
LEBEDIN IRBM LAUNCH SITE 3	UR 5037N 03427E *
LIDA MRBM LAUNCH SITE 1	UR 5347N 02520E *
LIDA MRBM LAUNCH SITE 2	UR 5357N 02527E 1
LUTSK MRBM LAUNCH SITE 1	UR 5046N 02502E 1
LUTSK MRBM LAUNCH SITE 2	UR 5050N 02503E 1
VLADIMIR-VOLYNSKIY MRBM LAUNCH SITE	UR 5048N 02442E 1
GOROKHOV FIXED FIELD MRBM SITE	UR 5035N 02448E 1
SHATSK FIXED FIELD MRBM SITE 1	UR 5327N 02748E 1
SHATSK FIXED FIELD MRBM SITE 2	UR 5326N 02750E 1
KURDZHIPS KAYA MRBM LAUNCH SITE	UR 4431N 04000E 1
SHIRVANSKAYA MRBM LAUNCH SITE	UR 4425N 03953E 1
TULSKAYA FIXED FIELD MRBM SITE	UR 4431N 04014E 1

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MAYKOP FIXED FIELD MRBM SITE	UR 4433N 03957E 1
MOLOSKOVITSY MRBM LAUNCH SITE 1	UR 5928N 02905E 1
MOLOSKOVITSY MRBM LAUNCH SITE 2	UR 5929N 02912E 1
GURLEVO MRBM LAUNCH SITE	UR 5925N 02854E 1
NOVA VES MRBM LAUNCH SITE	UR 4839N 02448E 1
IVANOVTSSE FIXED FIELD MRBM SITE	UR 4838N 02454E 1
NOVOSYSOYEVKA IRBM LAUNCH SITE 1	UR 4411N 13326E 1
NOVOSYSOYEVKA IRBM LAUNCH SITE 2	UR 4407N 13328E 1
OSTROG MRBM LAUNCH SITE 1	UR 5014N 02643E *
OSTROG MRBM LAUNCH SITE 2	UR 5017N 02641E *
SLAVUTA FIXED FIELD MRBM SITE	UR 5016N 02657E 1
SHEPETOVKA FIXED FIELD MRBM SITE	UR 5012N 02658E 1
ASANOVSHCHINA MRBM LAUNCH SITE	UR 5731N 02812E 1
SHEVELEVO MRBM LAUNCH SITE	UR 5737N 02811E 1
REDKIND MRBM LAUNCH SITE	UR 5724N 02826E 1
SHABANY FIXED FIELD MRBM SITE	UR 5723N 02813E 1
KAMENNY MOST IRBM LAUNCH SITE	UR 4757N 03053E 1
SHEMNOVKA IRBM LAUNCH SITE 1	UR 4758N 03058E 1
SEMENOVKA IRBM LAUNCH SITE 2	UR 4753N 03058E 1
IVANOVO MRBM LAUNCH SITE	UR 5210N 02541E 1
MOTOL MRBM LAUNCH SITE	UR 5212N 02544E 1
POLOTSK MRBM LAUNCH SITE 1	UR 5522N 02844E 1
POLOTSK MRBM LAUNCH SITE 2	UR 5524N 02833E 1
PLISSA FIXED FIELD MRBM SITE 1	UR 5512N 02802E 1
PLISSA FIXED FIELD MRBM SITE 2	UR 5511N 02754E 1
POSTAVY MRBM LAUNCH SITE 1	UR 5509N 02653E 1
KOZYANY MRBM LAUNCH SITE	UR 5520N 02651E 1
POSTAVY MRBM LAUNCH SITE 2	UR 5506N 02700E 1
KOBYLNIK FIXED FIELD MRBM SITE	UR 5456N 02637E *
PRUZHANY MRBM LAUNCH SITE 1	UR 5230N 02408E 1
PRUZHANY MRBM LAUNCH SITE 2	UR 5233N 02406E 1
STRIGOVO FIXED FIELD MRBM SITE	UR 5223N 02414E 1
SHCHERCHEVO FIXED FIELD MRBM SITE	UR 5222N 02410E 1
PRUZHANY FIXED FIELD MRBM SITE	UR 5226N 02419E 1
SIMUNA MRBM LAUNCH SITE 1	UR 5908N 02626E *
VAIKE MAARJA MRBM LAUNCH SITE	UR 5911N 02620E *
KRUPA MRBM LAUNCH SITE 1	UR 5247N 02442E *
KRUPA MRBM LAUNCH SITE 2	UR 5249N 02445E *
SHCHITNO FIXED FIELD MRBM SITE 1	UR 5243N 02458E 1
KARA-BABAU IRBM LAUNCH SITE 1	UR 4431N 07746E 1
KARA-BABAU IRBM LAUNCH SITE 2	UR 4430N 07759E 1
KARA-BABAU IRBM LAUNCH SITE 3	UR 4431N 07741E 1
MAZANKA MRBM LAUNCH SITE	UR 4453N 03419E 1
BALKI MRBM LAUNCH SITE	UR 4456N 03426E 1
BYTEN MRBM LAUNCH SITE 1	UR 5252N 02521E 1
BYTEN MRBM LAUNCH SITE 2	UR 5255N 02521E 1
BYTEN FIXED FIELD MRBM SITE	UR 5254N 02522E 1
GAVINOVICHI FIXED FIELD MRBM SITE	UR 5301N 02536E 1
SMORGON IRBM LAUNCH SITE 1	UR 5431N 02617E *

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SMORGON IRBM LAUNCH SITE 2	UR	5426N	02618E	1
SMORGON IRBM LAUNCH SITE 3	UR	5436N	02622E	*
SMORGON FIXED FIELD SITE	UR	5434N	02621E	*
SOKAL MRBM LAUNCH SITE 1	UR	5022N	02418E	1
SOKAL MRBM LAUNCH SITE 2	UR	5027N	02420E	1
SOKAL MRBM LAUNCH SITE 3	UR	5020N	02426E	*
SEVERNYY SUCHAN MRBM LAUNCH SITE	UR	4310N	13320E	*
SKAUDVILE FIXED FIELD MRBM SITE	UR	5523N	02231E	1
VEPRIAI MRBM LAUNCH SITE	UR	5507N	02438E	*
UKMERGE MRBM LAUNCH SITE	UR	5511N	02442E	1
BALNINKAI FIXED FIELD MRBM SITE	UR	5513N	02501E	1
MOLODETSKOYE MRBM LAUNCH SITE	UR	4853N	03027E	1
OVRUCH MRBM LAUNCH SITE 1	UR	5117N	02816E	1
OVRUCH MRBM LAUNCH SITE 2	UR	5118N	02810E	1
LIPNIKI MRBM LAUNCH SITE	UR	5112N	02826E	1
LUGINY FIXED FIELD MRBM SITE	UR	5107N	02822E	1
BOLSUNY FIXED FIELD MRBM SITE	UR	5107N	02827E	1
VSELYUB MRBM LAUNCH SITE 1	UR	5345N	02542E	1
VSELYUB MRBM LAUNCH SITE 2	UR	5347N	02546E	1
YELSK MRBM LAUNCH SITE 1	UR	5142N	02912E	1
YELSK MRBM LAUNCH SITE 2	UR	5147N	02918E	1
YELSK FIXED FIELD MRBM SITE	UR	5151N	02905E	1
ZHITOMIR MRBM LAUNCH SITE 1	UR	5004N	02815E	1
ZHITOMIR MRBM LAUNCH SITE 2	UR	5010N	02816E	1
BERDICHEV MRBM LAUNCH SITE	UR	5005N	02822E	1
BERDICHEV FIXED FIELD MRBM SITE	UR	4951N	02825E	1
GNIVAN MRBM LAUNCH SITE	UR	4908N	02811E	1
ZHMERINKA MRBM LAUNCH SITE	UR	4910N	02804E	*
VINNITSA MRBM LAUNCH SITE	UR	4917N	02820E	1
VINNITSA FIXED FIELD MRBM SITE	UR	4913N	02819E	1
BAR FIXED FIELD MRBM SITE	UR	4905N	02742E	1
ZNAMENSK MRBM LAUNCH SITE 2	UR	5435N	02107E	*
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR	UR	4835N	04545E	1
KAPUSTIN YAR LAUNCH COMPLEX A	UR	4842N	04615E	*
KAPUSTIN YAR LAUNCH COMPLEX B	UR	4841N	04616E	1
KAPUSTIN YAR LAUNCH COMPLEX C	UR	4836N	04616E	1
KAPUSTIN YAR LAUNCH COMPLEX D	UR	4828N	04618E	*
SARY-SHAGAN ANTIMISSILE TEST CENTER	UR	4602N	07334E	1
SARY-SHAGAN LAUNCH COMPLEX A (ZONE A)	UR	4625N	07252E	1
SARY-SHAGAN LAUNCH COMPLEX B (ZONE B)	UR	4559N	07231E	1
SARY-SHAGAN LAUNCH COMPLEX C	UR	4549N	07325E	1
SARY-SHAGAN PROB LR SAM LAUNCH CPLX 1	UR	4605N	07327E	1
SHUANG-CHENG-TZU MISSILE TEST CENTER	CH	4107N	10020E	1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX A	CH	4115N	10017E	1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX C	CH	4118N	10017E	1
SHUANG-CHENG-TZU MTC LAUNCH COMPLEX D	CH	4122N	10015E	1
SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX	CH	4102N	10030E	1
SHUANG-CHENG-TZU SSM-SAM ASBLY & CHECK CPX	CH	4106N	10016E	1
SHUANG-CHENG-TZU MTC MAIN SUPPORT BASE	CH	4058N	10011E	1

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SHUANG-CHENG-TZU PROB SSM TRNG SITE 1	CH 4143N 10025E 1
SHUANG-CHENG-TZU PROB SSM TRNG SITE 2	CH 4143N 10041E 1
SARY-SHAGAN MRBM IMPACT AREA 1	UR 4617N 07200E 1
SARY-SHAGAN MRBM IMPACT AREA 2	UR 4634N 07236E 1
SARY-SHAGAN MRBM IMPACT AREA 3	UR 4627N 07244E 1
SARY-SHAGAN MRBM IMPACT AREA 4	UR 4628N 07319E 1
SARY-SHAGAN MRBM IMPACT AREA 5	UR 4608N 07240E 1
SASYKTAU MISSILE LAUNCH FACILITY	UR 4732N 04926E 1
SARY-SHAGAN IMPACT AREA	UR 4623N 07324E 1
SARY-SHAGAN AMM IMPACT AREA 1	UR 4715N 07100E 1
SARY-SHAGAN AMM IMPACT AREA 3	UR 4655N 07245E 1
NENOKSA MISSILE TEST CENTER	UR 6438N 03911E 1

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DNEPROPETROVSK MISSILE DEVELOP PROP CTR	UR 4826N 03459E *
MOSKVA MSL&SPA PRPLN DEV CTR KHIMKI 456	UR 5554N 03726E *
MOSKVA GUIDED MISSILE PLANT 82	UR 5550N 03727E *
ZAGORSK ROCKET ENG TEST FAC KRASNOZAVODSK	UR 5625N 03810E 1
KURUMOCH ROCKET ENGINE TEST FACILITY	UR 5332N 04951E 1
PERM ARMAMENT PLANT 172	UR 5802N 05618E 1
MOSKVA AIRCRAFT PLANT DOLGOPRUDNAYA 464	UR 5555N 03731E *
KUYBYSHEV AIRFRAME PLANT STALIN 1	UR 5313N 05017E 1
OMSK AIRCRAFT ENGINE PLANT BARANOVA 29	UR 5457N 07325E 1
OMSK ROCKET ENGINE TEST FAC GORNAYA BITIYAUR	5525N 07316E *
UFA AIRCRAFT ENGINE PLANT A-26	UR 5447N 05607E 1
UFA AIRCRAFT ENGINE PLANT B-26	UR 5447N 05604E 1
KAZAN AIRCRAFT ENGINE PLANT 16	UR 5551N 04906E 1
RYBINSK AIRCRAFT ENGINE PLANT 36	UR 5803N 03848E 1
ARSENIEV AIRFRAME PLANT 116	UR 4408N 13315E 1
TAI-YUAN SOLID PROPELLANT TEST FACILITY	CH 3759N 11233E 1
PERM ROCKET ENGINE TEST FACILITY	UR 5800N 05634E 1
SARATOV AIRFRAME PLANT 292	UR 5130N 04557E 1
KUYBYSHEV EXPMT AC ENG PLT KR GLINKA 2	UR 5321N 05013E 1
TBILISI AIRFRAME 31	UR 4139N 04452E *
MOSKVA GUIDED MISSILE PLANT 67	UR 5545N 03752E *
MOSKVA GUIDED MISSILE R&D PLANT KHIMKI 301	UR 5553N 03725E *
KRASNOARMEYSK SOLID MOTOR DEV FACILITY	UR 5609N 03810E *
ORENBURG AIRFRAME PLANT 47	UR 5148N 05507E *
KUYBYSHEV AIRCRAFT ENGINE PLT FRUNZE 24	UR 5311N 05016E 1
STERLITAMAK ROCKET MOTOR TEST FACILITY	UR 5341N 05558E 1
UFA ROCKET ENGINE TEST FACILITY	UR 5458N 05604E 1
PERM AIRCRAFT ENGINE PLANT STALIN 19	UR 5759N 05615E 1
BIYSK ROCKET MOTOR TEST FACILITY	UR 5229N 08507E 1
PERM ROCKET MOTOR TEST FACILITY	UR 5758N 05549E 1
ISFARA EXPLOSIVES PLANT	UR 4007N 07034E 1
KEMEROVO ROCKET MOTOR TEST FACILITY	UR 5526N 08557E *
ZELENOGORSK STATIC TEST FACILITY	UR 6013N 02943E 1
PAO-TOU TANK PLANT 617	CH 4040N 10955E 1
FAUSTOVO ROCKET ENGINE TEST FACILITY	UR 5528N 03830E *
PRIMORSK ROCKET ENGINE TEST FACILITY	UR 6018N 02851E 1

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IVANKOVO GUIDED MISSILE PLANT	UR 5645N 03707E *
LENINGRAD SOLID MOTOR TEST FAC 2	UR 6012N 03042E 1
LENINGRAD SOLID MOTOR TEST FACILITY 1	UR 6003N 03036E 1
LENINGRAD SOLID MOTOR TEST FACILITY 3	UR 6015N 03044E 1
HU-HO-HAO-TE PROB SOL PROPL RKT MTR CPLX	CH 4045N 11158E *
PAVLOGRAD EXPLOSIVES PLANT	UR 4833N 03549E *
PAVLOGRAD PROBABLE TEST RANGE	UR 4829N 03556E 1
KEMEROVO AMMO LOAD & EXPLOS PLT RAKETA 392	UR 5525N 08557E 1

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EROLOVO INDUSTRIAL ACTIVITY	UR 4947N 04340E 1
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NOVOSIBIRSK MSL ASSOCIATED FACILITY	UR 5513N 08259E 1
YASASHNAYA TASHLA PROB MSL ASSOCIATED FAC	UR 5352N 04826E 1
CHIH-CHIN-HSIA SAM SEARCH AREA	CH 4010N 09726E 1
PAO-TOU SAM SEARCH AREA	CH 4039N 10958E 1
TAI-YUAN SAM SEARCH AREA	CH 3759N 11232E 1
KUYBYSHEV ABM/PROB LR SAM SEARCH AREA	UR 5313N 05014E 1
MINSK ABM/PROB LR SAM SEARCH AREA	UR 5353N 02734E 1
KAZAN ABM/PROB LR SAM SEARCH AREA	UR 5547N 04908E 1
CHELYABINSK ABM/PROB LR SAM SEARCH AREA	UR 5510N 06125E 1
IVANO FRANKOVSK ABM/PROB LR SAM SRCH AREA	UR 4906N 02456E 1
KOMAROV SUSPECT MISSILE SEARCH AREA	UR 4716N 04115E 1
KHARKOV ABM SEARCH	UR 4959N 03614E 1
DONETSK ABM SEARCH	UR 4800N 03747E 1
SVERDLOVSK ABM SEARCH	UR 5650N 06030E 1
ROSTOV ABM/PROB LONG RANGE SAM SEARCH	UR 4714N 03942E 1
DNEPROPETROVSK ABM SEARCH	UR 4828N 03502E 1
KIYEV ABM SEARCH	UR 5027N 03030E 1
GORKIY ABM SEARCH	UR 5615N 04355E 1
AMDERMA HEN HOUSE SEARCH	UR 6945N 06139E 1
VORKUTA HEN HOUSE SEARCH	UR 6730N 06400E 1
VERKHUYANSK HEN HOUSE SEARCH	UR 6735N 13327E 1
NIKOLAYEVSK HEN HOUSE SEARCH	UR 5308N 14040E 1
IVANOVO ABM/PROB LONG RANGE SAM SEARCH	UR 5700N 04059E 1
SOCHI ABM/PROB LONG RANGE SAM SEARCH	UR 4335N 03945E 1
KALININGRAD ABM/PROB LONG RANGE SAM SEARCH	CHUR 5445N 02030E 1
BAKU ABM/PROB LONG RANGE SAM SEARCH	UR 4027N 04953E 1
OLENEGORSK AMM/PROB LONG RANGE SAM SEARCH	UR 6808N 03318E 1
MURMANSK ABM/PROB LONG RANGE SAM SEARCH	UR 6858N 03305E 1
YAKUTSK HEN HOUSE SEARCH	UR 6205N 12944E 1
ODESSA PROB LONG RANGE SAM SEARCH	UR 4629N 03044E 1
TUAPSE PROB LONG RANGE SAM SEARCH	UR 4405N 03905E 1
ZAPOROZHYE PROB LONG RANGE SAM SEARCH	UR 4750N 03508E 1
SARATOV PROB LONG RANGE SAM SEARCH	UR 5132N 04600E 1
KAMYSHIN PROB LONG RANGE SAM SEARCH	UR 5005N 04525E 1
POTI PROB LONG RANGE SAM SEARCH	UR 4208N 04140E 1
GUBA SAYDA NAVAL MISSILE STORAGE	UR 6915N 03321E *
GUBA SAYDA SUBMARINE BASE	UR 6915N 03320E *
GUBA SAYDA NAVAL BASE TOROS	UR 6918N 03325E *

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GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6911N 03325E \*  
GUBA LITSA SUBMARINE BASES NORTH & SOUTH UR 6926N 03224E 1  
GUBA LITSA NAVAL MISSILE STORAGE UR 6923N 03226E 1  
GUBA ANDREEVA NUCLEAR SUB SUPPORT FACILITY UR 6926N 03221E 1  
GUBA MOTKA NAVAL BASE UR 6942N 03207E 1  
SEVASTOPOL NAVAL MISSILE STORAGE FACILITY UR 4436N 03340E 1  
SEVASTOPOL NVL B & SHPYD SEVMORZAVOD 497 UR 4436N 03332E 1  
SEVASTOPOL NAVAL BASE STRELETSKAYA UR 4436N 03328E 1  
SEVASTOPOL NAVAL AMMUNITION STORAGE NORTH UR 4440N 03336E 1  
PECHENGA NAVAL BASE LINAKHAMARI UR 6938N 03122E 1  
ODESSA NAVAL BASE & SHIPYARD MARTI UR 4629N 03044E 1  
KRONSTADT NAVAL BASE AND SHIPYARD UR 5959N 02946E 1  
BALAKLAVA SUBMARINE BASE UR 4430N 03336E 1  
HSIAO-PING-TAO NAVAL BASE CH 3848N 12129E 1  
CHEREPVETS PROB LONG RANGE SAM LCH CPLX UR 5906N 03810E 1  
KIMRY PROB LONG RANGE SAM LAUNCH COMPLEX UR 5646N 03720E 1  
PERESLAVL-ZALESSKIY PROB LR SAM LCH CPLX UR 5645N 03838E 1  
PLESETSK PROB LONG RANGE SAM LAUNCH CPLX UR 6312N 04109E 1  
MOZHAYSK PROB LONG RANGE SAM LAUNCH CPLX UR 5538N 03548E 1  
VOLGOGRAD PROB LONG RANGE SAM LCH CPLX UR 4821N 04417E 1  
KRASNOYARSK PROB LONG RANGE SAM LCH CPLX UR 5634N 09320E 1  
TOMSK PROB LONG RANGE SAM LAUNCH COMPLEX UR 5636N 08433E 1  
SHARYA PROB LONG RANGE SAM LAUNCH COMPLEX UR 5826N 04530E 1  
NEYA PROB LONG RANGE SAM LAUNCH COMPLEX UR 5822N 04348E 1  
KIYEV PROB LONG RANGE SAM LAUNCH COMPLEX UR 5014N 03005E 1  
BORSHCHEV PROB LONG RANGE SAM LAUNCH CPLX UR 4846N 02602E 1  
TYURATAM MTC PROB LR SAM LAUNCH COMPLEX UR 4547N 06312E 1  
BEREZNIKI PROB LONG RANGE SAM LAUNCH CPLX UR 5932N 05646E 1  
MOSKVA PROB LONG RANGE SAM LCH POSITION UR 5520N 03627E 1  
TIKHVIN PROB LONG RANGE SAM LAUNCH CPLX UR 5944N 03324E 1  
MINSK PROB LONG RANGE SAM LCH CPLX UR 5335N 02710E 1  
PAO-TOU SAM SITE A05-2 CH 4043N 11002E 1  
SHUANG-CHENG-TZU MTC SAM SITE A12-2 CH 4106N 10020E 1  
PYONGYANG SAM SITE B23-2 KN 3848N 12527E \*  
PYONGYANG SAM SITE C29-2 KN 3907N 12518E \*  
PYONGYANG SAM SITE C12-2 KN 3853N 12612E \*  
PYONGYANG SAM SITE C05-2 KN 3916N 12606E 1  
DOSTOYEVKA SAM SITE A03-2 UR 4421N 13330E 1  
DZHAMBUL SAM SITE A24-2 UR 4249N 07112E 1  
GLAZOV SAM SUPPORT FACILITY UR 5806N 05240E 1  
SEVERODVINSK SAM SITE B02-3 UR 6445N 03958E 1  
VOLKOVYSK SAM SITE B19-2 UR 5255N 02425E \*  
HUNGDOGI-DONG SAM SITE A25-2 KN 3948N 12733E 1  
PYONGYANG SAM SITE C33-2 KN 3920N 12531E 1  
WONSAN SAM SITE A10-2 KN 3908N 12735E 1  
SINPO SAM SITE A09-2 KN 4001N 12813E 1  
POSTAVY SAM SUPPORT FACILITY UR 5507N 02647E 1  
WU-SHA-TA-LA SAM SITE A15-2 CH 4208N 08714E 1

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STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 1UR 6922N 03413E 1  
STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 2UR 6922N 03404E 1  
STARYY KILDIN CRUISE-MISSILE LAUNCH SITE 3UR 6921N 03401E 1  
POTI CRUISE-MISSILE LAUNCH SITE 1 UR 4210N 04139E 1  
POTI CRUISE-MISSILE LAUNCH SITE 2 UR 4206N 04140E 1  
POTI CRUISE-MISSILE LAUNCH SITE 3 UR 4211N 04139E 1  
MYS KEKURSKIY CRUISE-MISSILE LAUNCH SITE UR 6953N 03209E 1  
MYS KEKURSKIY CRUISE-MISSILE SUPPORT FAC UR 6953N 03209E 1  
BATUMI CRUISE-MISSILE LAUNCH SITES UR 4136N 04135E 1  
SUPSA CRUISE-MISSILE LAUNCH SITE UR 4158N 04147E 1  
MYS SET-NAVODOK CRUISE MSL/CSTL DEF SITE UR 6922N 03326E \*  
CHERNOMORSKOYE CRUISE-MISSILE LAUNCH SITE UR 4531N 03241E 1  
GLAZOV REGIONAL MILITARY STOR INSTLN UR 5751N 05316E 1  
BERDICHEV REGIONAL MILITARY STOR INSTLN UR 4956N 02819E 1

25X2

NOVAYA MEZINOVKA IRBM REAR DEPOT UR 5330N 02655E 1

25X2

SUROVATIKHA REGIONAL MILITARY STOR INSTLN UR 5543N 04352E 1

25X2

BALTA REGIONAL MILITARY STORAGE INSTLN UR 4750N 02954E 1  
MOSKVA SAM STORAGE SITE 4 UR 5519N 03727E 1  
MOSKVA SAM STORAGE SITE 6 UR 5551N 03651E 1  
ARKHANGELSK SAM SUPPORT FACILITY 1 UR 6431N 04043E 1  
SUMGAI MISSILE STORAGE FACILITY UR 4032N 04936E 1  
MOSKVA SA-3 SAM TRAINING FACILITY UR 5600N 03626E 1  
LENINGRAD SAM TRAINING FACILITY UR 6007N 03059E 1  
KORDON SAM TRAINING CENTER UR 4725N 04803E 1

25X1D

BONUS AL ISMAILIYAH SAM SUPPORT FACILITY EG 3037N 03215E 1  
BONUS AL ISMAILIYAH SAM SITE C29-2 EG 3040N 03149E 1  
BONUS TANTA SAM SITE C33-2 EG 3106N 03044E 1  
BONUS TANTA SAM SITE B02-2 EG 3106N 03104E 1

25X1A

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