

SECTION # 01

OUT62908

MISSION 1043-1 8-14 AUG 67

OAK

22 AUGUST 1967 UR

PREFACE

THIS SECTION OF THE OAK REPORTS ON THE HIGHEST PRIORITY TARGETS IN THE USSR AND OTHER COUNTRIES NOT INCLUDED IN THE FIRST TWO SECTIONS OF THIS REPORT.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMIREX TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMIREX TARGETS.

LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING @SOUTH-TO-NORTH#, D FOR DESCENDING @NORTH-TO-SOUTH# OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS FOR CONDITIONS AFFECTING INTERPRETABILITY ARE -- C @CLEAR#, SC @SCATTERED CLOUD COVER#, HC @HEAVY CLOUD COVER#, H @HAZE#, CS @CLOUD SHADOW#, S @SNOW#, O @OBLIQUITY#, SD @SEMI-DARKNESS#, 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#, NS @NONSTEREO#, OR PS @PARTIAL STEREO#.

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED 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.

HIGHLIGHTS

ELEVEN OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE OBSERVED ON THIS MISSION. ONLY TATISHCHEVO IS CLEAR. NOVOSIBIRSK, ITATKA, ALEYSK, TYUMEN, UZHUR, AND TEYKOV0 ARE OBSCURED BY SCATTERED CLOUDS, AND HEAVY CLOUDS HINDER INTERPRETATION OF OLOVYANNAYA, GLADKAYA, IMENI GASTELLO, AND KOSTROMA. THE PLESetsk MISSILE AND SPACE CENTER IS COMPLETELY CLOUD COVERED. EIGHT TYPE IIID SITES, INCLUDING 2 POSSIBLE, ARE NEWLY IDENTIFIED. OF THESE, 3 CONFIRMED, 3 PROBABLE, AND 1 POSSIBLE SITES ARE AT TATISHCHEVO, BRINGING THE TOTAL AT LAUNCH GROUP L TO 9. ONE OF THE CONFIRMED SITES IS THE CONTROL FOR THE GROUP. POSSIBLE SITE 145L AT TATISHCHEVO IS NO LONGER CONSIDERED VALID AND IS DROPPED FROM NPIC LISTINGS. THE NEW POSSIBLE SITE AT OLOVYANNAYA IS THE SIXTH SITE IN LAUNCH GROUP L. THE CURRENT NUMBER OF ICBM LAUNCHERS AT THE 25 KNOWN DEPLOYED COMPLEXES @THE FIGURES SHOWN IN PARENTHESIS INDICATE THE NUMBER OF POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN THE TOTALS# IS GIVEN BELOW. IT SHOULD BE NOTED THAT THE TOTAL INCLUDES THE 15 ORIGINAL LAUNCHERS AT THE PLESetsk MISSILE AND SPACE CENTER, WHICH IS NOW INCLUDED IN THE COUNT OF 25 ICBM COMPLEXES. @SEE TABLE 1#

TYPE IIIC	177 @1#
TYPE IIID	520 @6#
SUBTOTAL	697 @7#
OTHER	224
TOTAL	921 @7#

THE ENTIRE TYURATAM MISSILE TEST CENTER, USSR, IS OBSERVED THROUGH

SCATTERED CLOUD COVER ON PHOTOGRAPHY OF FAIR-LO-9000 INTERPRETABILITY. NO SIGNIFICANT ACTIVITY IS OBSERVED. THE KAPUSTIN-YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR, IS NOT COVERED.

TWO S-2 SAM SITES ARE NEWLY IDENTIFIED. ONE IS 7 NM WEST OF THE CHIH-CHIN-HSIA NUCLEAR ENERGY COMPLEX, CHINA, AT 48-13N 897-12E DESIGNATED YU-MEN SAM SITE A12-2H, AND THE SECOND IS 15.3 NM SW OF SARY-SHAGAN, USSR, AT 45-54N 873-25E, JUST WEST OF THE LARGE DIRT STRIP.

AT THE SHUANG-CHENG-TZU MTC, CHINA, A PORTION OF THE RAIL SPUR SERVING LAUNCH COMPLEX B HAS BEEN REMOVED JUST NE OF THE RAIL-TO-GANTRY TRANSFER POINT AND A LARGE EXCAVATION, APPROXIMATELY 200 X 100 FT, HAS BEEN DUG. A NEW RAIL SPUR BRANCHES WEST OFF THE EXISTING SPUR AND IS PARTIALLY COMPLETE TO THE AREA NW OF THE EXCAVATION.

AT THE LOP NOR NUCLEAR TEST SITE, CHINA, NO NEW CONSTRUCTION IS OBSERVED IN THE OPERATIONS AREA. ONLY 15 TENTS ARE AT THE MAIN CONTROL POINT AND APPROXIMATELY 70 TENTS ARE IN 5 CAMPS WEST OF THE MCP. NO TENTS ARE IDENTIFIABLE EAST OF THE MCP IN THE VICINITY OF

SECTION # 02

THE GROUND ZEROS.

A SEARCH OF AVAILABLE COVERAGE IN THE CASPIAN SEA REVEALS THAT KASPIYSK CAN BE IDENTIFIED ONLY AND BAKU IS NOT COVERED. SCATTERED CLOUDS AND HEAVY CLOUDS PREVAIL. THE PROBABLE SURFACE EFFECTS SHIP IS NOT COVERED.

A TROPOSCATTER FACILITY NEWLY IDENTIFIED 2.5 NM NE OF PENSHINO, USSR, CONSISTS OF FOOTINGS FOR AT LEAST 2 PAIRS OF TYPE II TROPOSCATTER ANTENNAS AND 2 CONTROL/SUPPORT BUILDINGS. STATUS OF TARGET READOUT

THIS SECTION OF THE OAK REPORTS ON 51 COMIREX TARGETS AND 3 BONUS TARGETS.

MISSILES

PLESEISK MISSILE AND SPACE CENTER UR 6254N 04038E [REDACTED] 25X1
ONLY THE EASTERN 10 PERCENT OF THE 50-NM SEARCH AREA IS CLOUD FREE. NO NEW ICBM OR PROBABLE LONG RANGE SAM ACTIVITY OBSERVED. NO COMPONENTS OF THE MISSILE AND SPACE CENTER ARE DISCERNIBLE

[REDACTED] 25X1
TYURATAM MISSILE TEST CENTER UR 4538N 06317E [REDACTED] 25X1
NO NEW ICBM OR PROBABLE LONG RANGE SAM SITES IDENTIFIED IN CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA.

[REDACTED] 25X1
TYURATAM LAUNCH COMPLEX A UR 4555N 06320E [REDACTED] 25X1
APPROXIMATELY 3 RAIL CARS ARE ON THE PAD TO THE REAR OF A1, AND A POSSIBLE RAIL TRANSPORTER IS ON THE RAIL LINE TO THE WEST OF PAD A3. THE NEW RAIL CONNECTION BETWEEN THE SPACECRAFT BUILDING AND THE LAUNCH AREA APPEARS COMPLETE.

[REDACTED] 25X1
TYURATAM LAUNCH COMPLEX B UR 4559N 06333E [REDACTED] 25X1
AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT IS WITHIN LAUNCH AREA B2.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED] 25X1
TYURATAM LAUNCH COMPLEX C UR 4558N 06339E [REDACTED] 25X1
A LONG VEHICLE/PIECE OF EQUIPMENT IS ON PAD C1 AND AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT IS IN THE SW CORNER OF THE LAUNCH AREA.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED] 25X1
TYURATAM LAUNCH COMPLEX D UR 4601N 06400E [REDACTED] 25X1

LAUNCH SITE 01 IS CLOUD COVERED. NO MISSILES,
MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN
FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED
IN THE REMAINDER OF THE COMPLEX.

[REDACTED] 25X1

TYURATAM LAUNCH COMPLEX E UR 4557N 06311E [REDACTED]
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED

25X1

[REDACTED] 25X1

TYURATAM LAUNCH COMPLEX F UR 4601N 06305E [REDACTED]
TWO VEHICLES/PIECES OF EQUIPMENT ARE PARKED EAST OF THE
RIGHT SILO AND 2 OTHERS ARE ON THE LOOP ROAD WEST OF
THE LEFT SILO. A SMALL STRUCTURE HAS BEEN CONSTRUCTED
IN THE EXCAVATION NEAR THE BUILDING AT THE ENTRANCE TO
THE COMPLEX.

25X1

[REDACTED] 25X1

TYURATAM LAUNCH COMPLEX G UR 4604N 06255E [REDACTED]
AT LAUNCH AREA G1-G2, PAVING IS IN PROGRESS IN THE
VICINITY OF G1-A AND THE SEMIBURIED STRUCTURE FORWARD
OF IT. A SHALLOW EARTHEN BASIN HAS BEEN DUG IN THE
AREA WEST OF G1-A.

25X1

AT LAUNCH AREA G5-G6, 2 VEHICLES/PIECES OF EQUIPMENT
ARE ON PAD G5 AND 1 IS ON G6. GANTRIES AT ALL LAUNCH
SITES ARE IN THEIR USUAL POSITION TO THE REAR OF THE
PADS.

AT THE REVERTED STORAGE AREA [REDACTED] 25X1

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

25X1

AT THE UNIDENTIFIED FACILITY WEST OF COMPLEX G, A
LINEAR EXCAVATION CONTAINING 4 PROBABLE CIRCULAR HOLES
HAS BEEN DUG ON THE SOUTH SIDE OF THE LARGE BUILDING.
THE COMPLEX SUPPORT FACILITY IS PARTIALLY OBSCURED BY
CLOUDS. NO SIGNIFICANT CHANGES OBSERVED

[REDACTED] 25X1

SECTION # 03

TYURATAM LAUNCH COMPLEX H UR 4559N 06342E [REDACTED]
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED

25X1

[REDACTED] 25X1

TYURATAM LAUNCH GROUP I @SITES I1-I3, I7 UR 4555N 06326E [REDACTED]
AT SITE I7, SILO HEADWORKS ARE UNDER CONSTRUCTION AT
THE CENTRAL AND NORTHERN SILOS. NO MISSILES OR
MISSILE-RELATED EQUIPMENT OBSERVED.

25X1

[REDACTED] 25X1

TYURATAM LAUNCH GROUP I @SITE I4 UR 4554N 06320E [REDACTED]
FOUR VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON NEAR
THE SILO.
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

[REDACTED] 25X1

TYURATAM LAUNCH GROUP I @SITES I5, I6 UR 4559N 06333E [REDACTED]
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY
UNREPORTED FEATURES OBSERVED

25X1

[REDACTED] 25X1

TYURATAM LAUNCH COMPLEX J UR 4555N 06317E [REDACTED]
AT LAUNCH AREA J1-J2, A SERVICE TOWER/ERECTOR SIMILAR

25X1

TO THAT AT PAD J1 IS UNDER CONSTRUCTION FORWARD OF PAD J2. A BUILDING IS UNDER CONSTRUCTION ON THE FOUNDATION PREVIOUSLY REPORTED EAST OF THE MAB. SIX NARROW RECTANGULAR BUILDINGS HAVE BEEN ADDED AT THE SE EDGE OF THE BARRACKS AREA.

[REDACTED]

25X1

TYURATAM LAUNCH GROUP K @SITE K1-K2# UR 4601N 06303E
A VEHICLE/PIECE OF EQUIPMENT IS ON THE APRON NORTH OF EACH SILO.

[REDACTED]

25X1

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

[REDACTED]

25X1

TYURATAM LAUNCH GROUP K @SITE K3# UR 4604N 06256E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

[REDACTED]

25X1

TYURATAM LAUNCH GROUP L UR 4603N 06259E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

[REDACTED]

25X1

TYURATAM LAUNCH GROUP M @SITE M1# UR 4603N 06302E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

[REDACTED]

25X1

TYURATAM LAUNCH GROUP M @SITE M2# UR 4600N 06301E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

TYURATAM LAUNCH GROUP M @SITE M3# UR 4602N 06306E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SECTION # 04

[REDACTED]

25X1

TYURATAM LAUNCH GROUP N @SITE N1# UR 4602N 06303E
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1

[REDACTED]

25X1

TYURATAM LAUNCH GROUP N @SITE N2-N3# UR 4604N 06257E

[REDACTED]

25X1

CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1
25X1

TYURATAM PROPELLANTS PRODUCTION FACILITY UR 4543N 06319E [REDACTED]
THREE LARGE PROBABLE ABOVEGROUND TANKS ARE UNDER CONSTRUCTION EAST OF THE SECURED AREA AND 6 SMALL PROBABLE TANKS ARE BEING INSTALLED IN A DEEP EXCAVATION ALONG THE FORMER FENCE LINE ALONG THE WEST SIDE OF THE FACILITY. GENERAL CONSTRUCTION ACTIVITY CONTINUES IN AND ADJACENT TO THE FACILITY.

[REDACTED]

25X1
25X1

TYURATAM MAIN SUPPORT BASE UR 4538N 06317E [REDACTED]
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X1
25X1

TOSHKAR-OLA ICBM COMPLEX UR 5633N 04801E [REDACTED]
THE SOUTHERN 50 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HEAVY CLOUD COVER. NO NEW MISSILE ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS. THE COMPLEX IS NOT OBSERVED.

[REDACTED]

25X1

KOSTROMA ICBM COMPLEX UR 5746N 04101E [REDACTED]
NO NEW MISSILE ACTIVITY OBSERVED IN THE WESTERN 50 PERCENT PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY. THE COMPLEX SUPPORT FACILITY AND LAUNCH SITE 57 ARE THE ONLY COMPLEX COMPONENTS COVERED AND THEY CAN BE IDENTIFIED ONLY.

[REDACTED]

25X1
25X1

ITATKA ICBM COMPLEX UR 5650N 08535E [REDACTED]
NO NEW MISSILE ACTIVITY OBSERVED IN THE SOUTHERN 80 PERCENT OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY. THE ENTIRE COMPLEX IS OBSERVED.

[REDACTED]

25X1
25X1

SHADRINSK ICBM COMPLEX UR 5607N 06039E [REDACTED]
THE COMPLEX IS NOT COVERED. NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE EASTERN 25 PERCENT OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

[REDACTED]

25X1
25X1

TEYKOVO ICBM COMPLEX UR 5652N 04034E [REDACTED]
NO NEW MISSILE ACTIVITY OBSERVED IN THE CLOUD-FREE PORTIONS OF THE WESTERN 80 PERCENT OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY. THE ENTIRE COMPLEX IS COVERED.

[REDACTED]

25X1

TYUMEN ICBM COMPLEX UR 5652N 06551E [REDACTED]
ALL COMPONENTS OF THE COMPLEX ARE COVERED ON PHOTOGRAPHY. NO NEW MISSILE FACILITIES OBSERVED IN CLOUD-FREE PORTIONS OF THE ENTIRE 50-NM SEARCH AREA.

[REDACTED]

25X1
25X1

GLADKAYA ICBM COMPLEX UR 5606N 09214E [REDACTED]
THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH SCATTERED AND HEAVY CLOUD COVER. PORTIONS OF THE COMPLEX ARE OBSERVED THROUGH HEAVY CLOUD COVER. NO NEW MISSILE FACILITIES OBSERVED.

[REDACTED]

25X1
25X1

UZHOK ICBM COMPLEX UR 5517N 08949E [REDACTED]
TWELVE OF THE 43 TYPE IIIC LAUNCH SITES ARE OBSERVED. THE COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT ARE NOT VISIBLE. NO NEW MISSILE FACILITIES ARE IDENTIFIED IN CLOUD-FREE PORTIONS OF THE WESTERN HALF OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY.

25X1
25X1

NOVOSIBIRSK ICBM COMPLEX UR 5515N 08250E [REDACTED]
NO NEW MISSILE ACTIVITY OBSERVED IN THE 50-NM SEARCH AREA. ALL 5 LAUNCH AREAS, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE INTERPRETABLE.

25X1

SECTION # 05

OLOVYANNAYA ICBM COMPLEX UR 5049N 11550E [REDACTED]
SIXTY OF THE KNOWN 87 TYPE IIID LAUNCH SITES, THE 3 TYPE IIIA LAUNCH SITES, THE COMPLEX SUPPORT FACILITY, AND THE RAIL-TO-ROAD TRANSFER POINT ARE OBSERVED. THIS TOTAL INCLUDES 1 NEWLY IDENTIFIED TYPE IIID SITE, DESIGNATED POSSIBLE SITE 92L, LOCATED AT 51-01N

25X1

116-20E. IT CAN BE NEGATED [REDACTED] AND IS FIRST SEEN IN AN EARLY STAGE OF CONSTRUCTION ON THIS MISSION. LAUNCH SITE 87L CAN NOW BE CONFIRMED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED. NO OTHER NEW MISSILE-RELATED FACILITIES OBSERVED IN THE CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA. PHOTOGRAPHIC REFERENCE FOR THE NEW POSSIBLE SITE --

25X1

[REDACTED]
ALEYSK ICBM COMPLEX UR 5229N 08243E [REDACTED]
NO NEW MISSILE ACTIVITY OBSERVED IN THE 75 PERCENT PORTION OF THE 50-NM SEARCH AREA COVERED ON PHOTOGRAPHY. NINE OF THE 18 LAUNCH SITES ARE OBSERVED.

25X1

25X1

[REDACTED]
IMENI GASTELLO ICBM COMPLEX UR 5106N 06618E [REDACTED]
THE ENTIRE SEARCH AREA IS COVERED ON PHOTOGRAPHY. TWELVE OF THE 25 KNOWN TYPE IIIC LAUNCH SITES ARE OBSERVED. NO NEW MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS.

25X1

25X1

[REDACTED]
TATISHCHEVO ICBM COMPLEX UR 5140N 04534E [REDACTED]
ONE-HUNDRED-NINETEEN CONFIRMED AND PROBABLE TYPE IIID LAUNCH SITES, 1 POSSIBLE TYPE IIID LAUNCH SITE, THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITY ARE OBSERVED ON CLEAR PHOTOGRAPHY. OF THESE, 3 CONFIRMED, 3 PROBABLE, AND 1 POSSIBLE LAUNCH SITES ARE NEWLY IDENTIFIED ON THIS MISSION. THESE ARE --SITE 146, THE CONTROL SITE FOR THE L GROUP, AT 51-41N 045-42E, SITE 147 AT 51-44N 045-47E, SITE 148 AT 51-43N 045-52E, PROBABLE SITE 149 AT 51-40N 045-47E, PROBABLE SITE 150 AT 51-36N 045-48E, PROBABLE SITE 151 AT 51-33N 045-45E, AND POSSIBLE SITE 152 AT 51-38N 045-43E. SITES 146-150 AND 152 ARE ALL NEGATED ON MISSION

25X1
25X1

[REDACTED] AND ARE FIRST SEEN ON THIS MISSION. SITE 151 IS NEGATED [REDACTED] AND IS FIRST SEEN ON [REDACTED] ALL SITES ARE IN THE L GROUP AND ARE IN EARLY STAGES OF CONSTRUCTION. POSSIBLE SITE 145L IS NO LONGER CONSIDERED VALID AND IS DROPPED FROM NPIC LISTINGS.

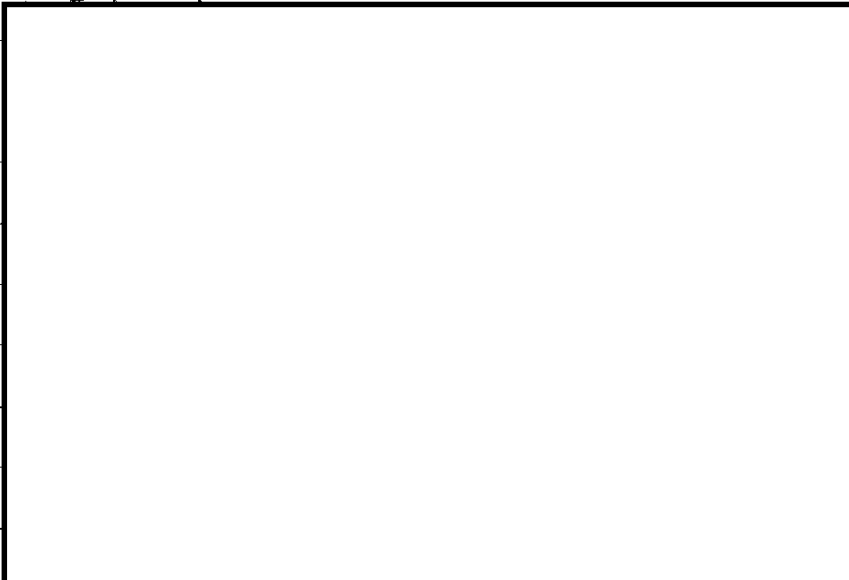
25X1

25X1

25X1

IN LAUNCH GROUPS I, J, AND K ON THE PERIMETER OF THE ICBM COMPLEX, HELICOPTER PADS ARE UNDER CONSTRUCTION AT THE LAUNCH SITES. RAIL AND VEHICLE ACTIVITY IN THE RAIL-TO-ROAD TRANSFER POINT IS HEAVY. THE NEW AREA SOUTH OF THE TRANSFER POINT IS EXPANDING WITH EVIDENCE OF EXTENSIVE DITCHING AND EXCAVATIONS. THE HARDENED COMMAND AND CONTROL BUILDING ON THE NORTH SIDE OF THE COMPLEX SUPPORT FACILITY IS EARTH COVERED. AT TE 124, THE CONTROL SITE OF THE K GROUP, THE RECTANGULAR MOUND PATTERN NORMALLY SURROUNDING THE LAUNCH SILO IS

OFFSET AND PARALLEL TO THE SILO ACCESS ON THE WESTERN SIDE. THIS OFFSET OF THE MOUNDS IS PROBABLY DUE TO TERRAIN FEATURES. AIR LIQUEFACTION PLANT SW OF SITE 116 ON THE NORTH/SOUTH COMPLEX MAIN ROAD JUST EAST OF THE PETROVSK AIRFIELD SOUTH IS COMPLETE. AN ADJACENT FACILITY, POSSIBLY A DUPLICATE, IS UNDER CONSTRUCTION. THESE FACILITIES WILL PROBABLY SERVE THE LIQUID NITROGEN REQUIREMENTS FOR THE ICBM COMPLEX. NO OTHER MISSILE ACTIVITY IS OBSERVED. PHOTOGRAPHIC REFERENCES FOR THE NEW TYPE IIID LAUNCH SITES --



25X1

SHUANG-CHENG-TZU MTC LAUNCH COMPLEX B CH 4115N 10018E A PORTION OF THE RAIL SPUR SERVING LAUNCH COMPLEX B HAS BEEN REMOVED JUST NE OF THE RAIL-TO-GANTRY TRANSFER POINT AND A LARGE EXCAVATION, APPROXIMATELY 200 X 100 FT, HAS BEEN DUG AT THIS LOCATION SINCE



25X1

A NEW RAIL SPUR BRANCHES WEST OFF THE EXISTING SPUR AND IS PARTIALLY COMPLETE TO THE AREA NW OF THE EXCAVATION. PRELIMINARY GRADING IS VISIBLE TO A POINT WEST OF THE CONTROL BUNKER. A NEW UNIDENTIFIED LINEAR SCAR RUNS NW FROM THE AREA OF THE EXCAVATION FOR APPROXIMATELY 0.5 NM. NEW TRENCHING POSSIBLY FOR CONDUITS OR BURIED PIPELINES IS VISIBLE EAST OF THE LAUNCH FACILITY.



25X1



25X1

MOSKVA ABM SEARCH AREA UR 5545N 03737E THE EASTERN PORTION OF THE SEARCH AREA IS COVERED ON SCATTERED-TO-HEAVY CLOUD COVERED PHOTOGRAPHY. NO NEW SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS, ELECTRONICS FACILITIES, OR NUCLEAR WEAPONS STORAGE FACILITIES RELATED TO ABM DEPLOYMENT IDENTIFIED IN CLOUD-FREE AREAS



25X1



25X1

MOSKVA ABM LAUNCH COMPLEX E05 UR 5614N 03835E AT TRIAD 1, GALOSH LAUNCHERS/ERECTORS HAVE POSSIBLY BEEN INSTALLED AT LAUNCH POSITIONS 1B1 AND 1B2. THE REMAINDER OF THE TRIAD IS CLOUD COVERED. AT TRIAD 2, NO CHANGE IS OBSERVED ON PREVIOUSLY COMPLETED BUILDINGS B AND C. BUILDING A IS CLOUD COVERED. AN AREA OF RECENT EARTH DISTURBANCE IS IN THE SA-1 LAUNCH AREA AT THE PROBABLE LOCATION OF A PROBABLE CALIBRATION TOWER. A CABLE SCAR EXTENDS FROM THIS POINT TO THE SECURED AREA OF THE ABM COMPLEX. A NEW ROAD IS UNDER CONSTRUCTION PARALLEL TO THE SE SIDE OF THE SA-1 LAUNCH AREA, BUT IT HAS NOT YET PASSED THROUGH THE SECURITY FENCES OF THE ABM COMPLEX. NO CHANGE IS DISCERNIBLE IN THE CLOUD-FREE PORTIONS OF



25X1

THE SUPPORT AREA. NO MISSILES ARE IDENTIFIED WITHIN THE COMPLEX.

MOSKVA ABM LAUNCH COMPLEX E83 UR 5622N 03811E

25X1
25X1

CONSTRUCTION AT THE COMPLEX CONTINUES TO BE CONCENTRATED AT TRIAD 1. SINCE CONSTRUCTION OF BUILDING B HAS REACHED APPROXIMATELY THE SAME STATUS AS ON BUILDINGS A AND C. ALL OF THE BUILDINGS ARE NOW IN THE MID-STAGE OF CONSTRUCTION. NO EVIDENCE OF CONSTRUCTION ACTIVITY IS OBSERVED AT TRIAD 2. THE WALLS AND A PORTION OF THE ROOF FOR A LARGE BUILDING NEAR THE ENTRANCE OF THE COMPLEX HAVE BEEN COMPLETED. A MAJOR EXCAVATION IS OBSERVED NEAR THE CONSTRUCTION SITE OF BUILDING B, TRIAD 2. IN THE SUPPORT AREA, 2 MULTISTORY APARTMENT BUILDINGS HAVE BEEN COMPLETED AND FOUNDATIONS FOR AT LEAST 3 OTHERS ARE NEWLY IDENTIFIED. NO MISSILES OR MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1

SARY-SHAGAN SAM SITE B22-2 UR 4554N 07325E BONUS 1

25X1

15.3 NM SW OF SARY-SHAGAN AT 45-54-10N 073-25-10E. NEWLY IDENTIFIED SA-2 SITE OF STAR CONFIGURATION CONSISTS OF 6 REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, 3 REVETTED HOLD POSITIONS, AND A PROBABLE ACQUISITION RADAR POSITION OF UNDETERMINED OCCUPANCY.

25X1

YU-MEN SAM SITE A12-2 CH 4013N 09712E BONUS 2

8.8 NM SE OF YU-MEN AND 7 NM WEST OF THE CHIH-CHIN-HSIA NUCLEAR ENERGY COMPLEX AT 40-13-27N 097-12-10E.

NEWLY IDENTIFIED SA-2 SITE IN LATE STAGES OF CONSTRUCTION CONSISTS OF 6 UNRETTED, UNOCCUPIED LAUNCH POSITIONS WITH AN UNRETTED GUIDANCE AREA CONTAINING AN UNIDENTIFIED OBJECT. APPROXIMATELY 45 TENTS AND SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE SE OF THE LAUNCH POSITIONS.

25X1

AIR FACILITIES

ORSHA AIRFIELD SOUTHWEST UR 5426N 03018E

25X1

OB -- 33 PROBABLE BADGER. UNIDENTIFIED CONSTRUCTION ACTIVITY IS OBSERVED ON THE NE EDGE OF THE ASM FACILITY. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

SECTION # 07

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

BOBRUYSK AIRFIELD UR 5306N 02912E

25X1

25X1

OB -- AT LEAST 33 MEDIUM SWEEP-WING. CONSTRUCTION STATUS OF THE ASM FACILITY IS UNDETERMINED DUE TO SMALL SCALE. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

USSURIYSK/VOZDVIZHENKA AIRFIELD UR 4354N 13155E

25X1

25X1

OB -- 7 PROBABLE BADGER. NO ASM STORAGE FACILITY OBSERVED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

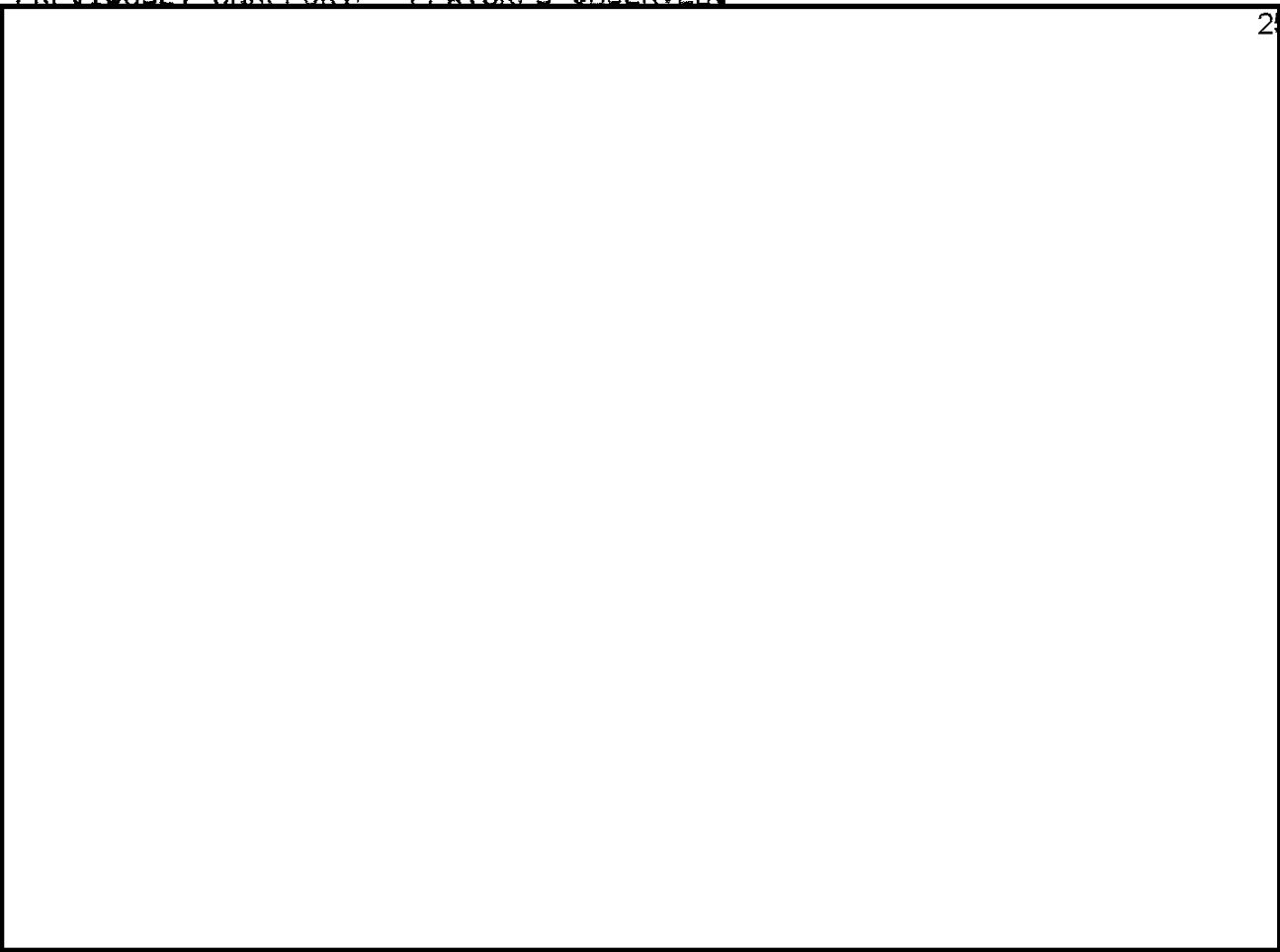
KHOROL AIRFIELD EAST UR 4426N 13207E

25X1

OB-177 MEDIUM SWEEP-WING.

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

25X1



ELECTRONICS/COMMUNICATIONS

PENZHINO TROPOSCATTER FACILITY UR 6333N 16804E BONUS 1

2.5 NM NE OF PENZHINO.

NEWLY IDENTIFIED FACILITY CONSISTS OF 2 CONTROL/SUPPORT BUILDINGS AND FOOTINGS FOR AT LEAST 2 PAIRS OF TYPE II TROPOSCATTER ANTENNAS.



25X1