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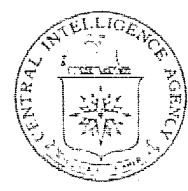
NPIC/R-390/63
December 1963

PHOTOGRAPHIC INTERPRETATION REPORT

**DECLASS REVIEW BY NIMA / DoD
OAK - PART I
MISSION 9062**

22 - 26 DECEMBER 1963

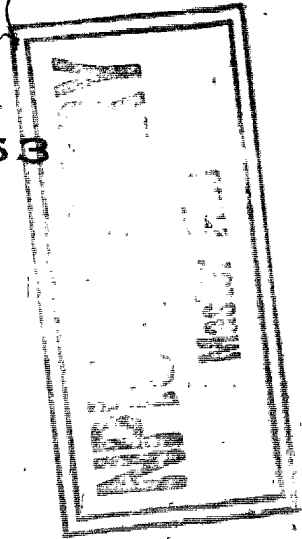
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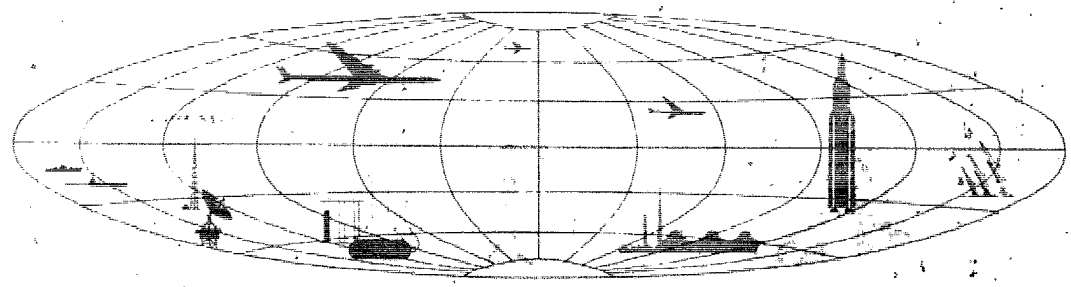


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OAK - PART I MISSION 9062

PREFACE

THIS IS THE FIRST OF AN ESTIMATED TWO DAILY OAK REPORTS BASED ON MISSION 9062 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 0800 TO 1500, 30 DECEMBER 1963, PRESENTS INFORMATION ONLY ON THOSE TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY MISSION 9062 WILL BE LISTED IN THE FINAL OAK REPORT ON THIS MISSION.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS — C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), D (DARKNESS), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 9062 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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HIGHLIGHTS

1. SVOBODNYI ICBM COMPLEX [REDACTED]

25X1A

A TYPE IIA LAUNCH SITE (AREA G) IN A MID-STAGE OF CONSTRUCTION HAS BEEN NEWLY IDENTIFIED AT 51-38N 127-58E, AND A TYPE IIB LAUNCH SITE (AREA H) IN A MID-STAGE OF CONSTRUCTION HAS BEEN NEWLY IDENTIFIED AT 52-03N 128-03E.

2. CHITA AREA, SURFACE-TO-AIR MISSILE ACTIVITY [REDACTED]

25X1A

SURFACE-TO-AIR TYPE MISSILE EQUIPMENT HAS BEEN IDENTIFIED AT 3 SITES WHICH ARE LOCATED IN 2 OF THE 3 CLEARED AREAS NORTH OF CHITA AT 52-54N 113-32E.

3. KURUMUCH ROCKET ENGINE TEST FACILITY [REDACTED]

25X1A

BLAST MARKS IN THE SNOW INDICATE TESTING ACTIVITY AT TEST STAND NO 1 AND 2 SMALL TEST STANDS.

STATUS OF COMOR TARGET READOUT

A TOTAL OF 43 COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD AND ARE COVERED IN THIS REPORT.

MISSILES

25X1A [REDACTED] TYURATAN MISSILE TEST CENTER 4550N 06310E

THE TYURATAN MISSILE TEST CENTER IS PARTIALLY COVERED. NO SIGNIFICANT CHANGES ARE OBSERVED.

25X1D LAUNCH COMPLEX A -- NO APPARENT CHANGE SINCE [REDACTED]

LAUNCH COMPLEXES B, C, D, AND H -- NOT COVERED.

25X1D LAUNCH COMPLEX E -- THE ACCESS ROAD AND THE ROAD TO LAUNCH PAD E-3 AND THE ELECTRONIC FACILITY HAVE BEEN CLEARED OF SNOW. NO APPARENT CHANGE SINCE [REDACTED] IN FACILITIES.

25X1D LAUNCH COMPLEX F -- ROADS ARE CLEARED OF SNOW. NO APPARENT CHANGE SINCE [REDACTED] IN FACILITIES.

25X1D LAUNCH COMPLEX G -- ALL ROADS HAVE BEEN CLEARED OF SNOW. LAUNCH AREA G1-G2 -- NO APPARENT CHANGE SINCE [REDACTED] LAUNCH AREA G3-G4 -- CLOUD COVERED.

25X1D AREAS OF UNIDENTIFIED ACTIVITY WEST OF G -- ROADS HAVE BEEN CLEARED OF SNOW. NO APPARENT CHANGE SINCE [REDACTED] IN FACILITIES.

25X1D SUPPORT FACILITY UNDER CONSTRUCTION BETWEEN A AND E -- NO APPARENT CHANGE SINCE [REDACTED] IN CLOUD-FREE PORTIONS. CONSTRUCTION ACTIVITY BETWEEN A AND B -- NOT COVERED. CENTRAL SUPPORT FACILITY, MAIN SUPPORT BASE, AND SAM FACILITIES NOT COVERED OR CLOUD COVERED.

25X1D PHOTO REFERENCE FOR SIGNIFICANT ITEMS ARE AS FOLLOWS -- [REDACTED]

25X1D COMPLEX A [REDACTED]
25X1D COMPLEX E [REDACTED]
25X1D COMPLEX F [REDACTED]

25X1D COMPLEX G [REDACTED]
25X1D SUPPORT AREA BETWEEN A AND E [REDACTED]

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25X1A

██████████ YOSHKAR-OLA ICBM COMPLEX 5634N 84881E

COMPLEX SUPPORT FACILITY AND ALL LAUNCH AREAS CAN BE IDENTIFIED BUT CONSTRUCTION DETAILS CANNOT BE DETERMINED. NO NEW ACTIVITY APPARENT AT THE COMPLEX.

NO ABM ACTIVITY OBSERVED.

25X1D

25X1A

██████████ SVOBODNY ICBM COMPLEX 5146N 12887E

TWO NEW LAUNCH AREAS (G AND H) ARE OBSERVED.

LAUNCH AREA G IS A TYPE IIIA SITE IN A MID-STAGE OF CONSTRUCTION LOCATED 10 NM SW OF THE COMPLEX SUPPORT FACILITY AT 51-38N 127-58E. A RECTANGULAR EXCAVATION WITH A NOTCH FOR THE CONTROL BUNKER ON THE NORTH SIDE IS EVIDENT. THE AZIMUTH OF THE SHORT AXIS OF THE EXCAVATION IS APPROXIMATELY 015 DEGREES/195 DEGREES. THREE SMALL STRUCTURES ARE VISIBLE IN THE EXCAVATION AND IT APPEARS THAT SHAFTS FOR SILOS ARE BEING SUNK NEAR THESE STRUCTURES.

LAUNCH AREA H IS A TYPE IID SITE IN A MID-STAGE OF CONSTRUCTION LOCATED 17 NM NORTH OF THE COMPLEX SUPPORT FACILITY AT APPROXIMATELY 52-03N 128-03E. THE LAUNCH PADS APPEAR TO BE STILL UNDER CONSTRUCTION. TWO NARROW, CANTED READY BUILDINGS HAVE BEEN CONSTRUCTED BEHIND THE LEFT PAD AND ONE CANTED READY BUILDING IS LOCATED BEHIND THE RIGHT PAD. THREE CANTED BUILDINGS HAVE BEEN CONSTRUCTED INBOARD OF THE PADS AND 3 STRUCTURES ARE VISIBLE ALONG THE CENTER ROAD. THE LAUNCH SITE IS SECURED BY A DOUBLE FENCE.

LAUNCH AREAS A, B, AND C SHOW NO APPARENT CHANGE.

LAUNCH AREA D IS NOW IN LATE STAGE OF CONSTRUCTION. A CANTED MISSILE READY BUILDING IS APPARENT BEHIND THE LEFT PAD. THREE CANTED BUILDINGS ARE VISIBLE INBOARD OF THE PADS.

LAUNCH AREA E, A TYPE IID SITE, IS NOW COMPLETE. THE SITE CONTAINS 4 CANTED BUILDINGS INBOARD OF THE PADS, 3 MISSILE READY BUILDINGS (2 BEHIND LEFT PAD, ONE BEHIND RIGHT), AND 3 BUILDINGS ALONG THE CENTER ROAD.

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LAUNCH AREA F, A TYPE IID SITE, IS NOW COMPLETE. THE SITE CONTAINS 4 CANTED BUILDINGS INBOARD OF THE PADS, 2 CANTED MISSILE READY BUILDINGS (ONE BEHIND LEFT PAD, ONE BEHIND RIGHT), AND 3 STRUCTURES ALONG THE CENTER ROAD.

25X1D PHOTO REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS —

25X1D COMPLEX SUPPORT FACILITY [REDACTED]
TRANSFER POINT [REDACTED]
25X1D LAUNCH AREA D [REDACTED]
LAUNCH AREA E [REDACTED]
LAUNCH AREA F [REDACTED]
LAUNCH AREA G [REDACTED]
LAUNCH AREA H [REDACTED]

(SEE ATTACHMENTS 1 & 2)

25X1D [REDACTED]

25X1A [REDACTED] ITATKA ICBM COMPLEX 5516N 08257E

25X1D NO APPARENT CHANGE SINCE [REDACTED] COMPLEX SUPPORT FACILITY AND LAUNCH AREAS A AND B. LAUNCH AREA C IS PROBABLY COMPLETE. THE SITE IS SNOW COVERED WITH NO ACTIVITY APPARENT. COMPLEX MAIN ROAD APPEARS TO BE CLEARED OF SNOW. TERMINUS OF ROAD RUNNING EAST FROM LAUNCH AREA B CANNOT BE DETERMINED.

NO ABM ACTIVITY NOTED.

25X1D [REDACTED]

25X1A [REDACTED] NOVOSIBIRSK ICBM COMPLEX 5516N 08257E

A NEW PROBABLE POWER TRACE RUNS TO LAUNCH AREA C. A BRANCH LEADING EAST FROM THIS POWER TRACE INDICATES A NEW ACTIVITY BUT HAZE AND CLOUDS PRECLUDE DETAILED INTERPRETATION.

NO ABM ACTIVITY OBSERVED. AREA WEST OF NOVOSIBIRSK NOT COVERED BY PHOTOGRAPHY.

25X1D [REDACTED]

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25X1A [REDACTED] ROZHDESTVENKA IRBM LAUNCH SITE 4547N 13343E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

NO ADDITIONAL SSM ACTIVITY OBSERVED IN EASTERN HALF OF SEARCH AREA. WESTERN HALF IS CLOUD COVERED.

25X1D [REDACTED]

25X1A [REDACTED] JABAL HANZI SSM TEST/LAUNCH FACILITY (EGYPT) 3007N 03037E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] NOVOSYSOYEVKA IRBM LAUNCH SITE 2 4407N 13327E

SITE APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION OR COMPLETED.

BACKFILLING HAS BEEN COMPLETED AND THE CONTROL BUNKER IS MOUNDED. SNOW COVER PRECLUDES A MORE DETAILED INTERPRETATION.

25X1D [REDACTED]

25X1A [REDACTED] BIKIN, SUSPECT IRBM/IRBM AREA 4649N 13416E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 30 NM OF BIKIN. SNOW COVER AND HAZE PRECLUDE THOROUGH SEARCH.

25X1D [REDACTED]

25X1A [REDACTED] NOVOSYSOYEVKA POSSIBLE IRBM LAUNCH SITE 4407N 13325E

IDENTIFICATION ONLY.

25X1D [REDACTED]

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25X1A [REDACTED] ANASTASYEVKA PROB FIXED FIELD MRBM LAUNCH SITE 4832N 13531E

25X1D A NEW LOOP ROAD HAS BEEN CONSTRUCTED TO THE EAST OF THE LAUNCH SITE. NO OTHER CHANGE OBSERVED IN THIS INSTALLATION SINCE [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] CHELKAR FIELD MRBM LAUNCH POINT 4805N 05935E

ONLY THE SUPPORT AREA CAN BE IDENTIFIED. IT CONTAINS 8 BUILDINGS INCLUDING ONE L-SHAPED BUILDING. THE SITE DOES NOT APPEAR ACTIVE. THERE HAS BEEN NO SNOW REMOVAL.

25X1D [REDACTED]

25X1A [REDACTED] KAMCHATKA PENINSULA, SUSPECT ABM AREA 5749N 16026E

WESTERN PART OF SEARCH AREA NOT COVERED.

NO NEW RADAR, LAUNCH SITE, OR RANGE INSTRUMENTATION OBSERVED IN EASTERN PART.

25X1D [REDACTED]

25X1A [REDACTED] KURUMOCH ROCKET ENGINE TEST FACILITY 5331N 04949E

THE TEST FACILITY NOW HAS 3 SMALL TEST STANDS FOR COMPONENTS TESTING. THESE WERE PREVIOUSLY REPORTED ON [REDACTED] AS POSSIBLE TEST STANDS AND ARE NOW CONFIRMED.

25X1D

BLAST MARKS AT 2 OF THESE STANDS SHOW THAT THEY ARE OPERATIONAL. TEST STAND NO 1 HAS A LARGE BLAST MARK IN THE SNOW SHOWING THAT A LARGE ROCKET MOTOR HAS RECENTLY BEEN TESTED. TEST STAND NO 2, OBSERVED UNDER CONSTRUCTION ON [REDACTED] NOW APPEARS COMPLETE. A RAMP LEADS TO IT FROM THE CHECKOUT BUILDING AND A GALLERY LEADS TO IT FROM THE CONTROL BUILDING WHICH HAS BEEN BUILT SINCE [REDACTED] AN OBJECT WHICH MAY BE A FUEL TANK IS VISIBLE ON THE TOP OF THE STAND.

25X1D

25X1D

(SEE ATTACHMENT 3)

25X1D [REDACTED]

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25X1A [REDACTED] **KRASNOYARSK ARMS PLANT VOROSHILOV 4 5600N 09259E**

ONLY GROSS FEATURES OF THE PLANT ARE VISIBLE THROUGH THICK SMOG. NO EVIDENCE OF MISSILE ACTIVITY VISIBLE.

25X1D [REDACTED]

25X1A [REDACTED] **KRASNOYARSK STATIC TEST STAND 5605N 09327E**

THE TEST FACILITY APPEARS TO HAVE BEEN MODIFIED IN THE TEST STAND AREA SINCE THE LAST GOOD QUALITY COVERAGE [REDACTED] THE ORIGINAL TEST STAND APPEARS TO HAVE BEEN REMOVED AND REPLACED BY A CANTILEVER-TYPE STAND HANGING OUT OVER THE CLIFF ON WHICH IT IS LOCATED. A POSSIBLE SMALL COMPONENT STAND IS LOCATED 400 FT SW OF THE LARGE STAND, AND IS SERVED BY A LOOP ROAD FROM THE CHECKOUT BUILDING.

25X1D [REDACTED]

25X1A [REDACTED] **KAZAN AIRCRAFT ENGINE PLANT 16 5551N 04907E**

NO ROCKET ENGINE TEST FACILITY OBSERVED WITHIN A 35-NM RADIUS OF KAZAN. ENTIRE SEARCH AREA VISIBLE.

25X1D [REDACTED]

25X1A [REDACTED] **PEIPING RKT ENG TEST FAC CHANG-HSIN-TIEN (CH) 3950N 11608E**

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] **ORENBURG AIRFRAME PLANT 47 5147N 05507E**

NO AIRCRAFT OBSERVED AT ORENBURG AIRFIELD OR AIRFRAME PLANT.

25X1D [REDACTED]

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25X1A [REDACTED] KONSOMOLSK SHIPYARD AMUR 199 5033N 13702E

NO VESSELS VISIBLE.

25X9 LAUNCHING BASIN AND AMUR RIVER FROZEN. LACK OF ICE
BREAKER ACTIVITY PRECLUDES TRANSPORT OF COMPLETED
SUBMARINES.

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] STRELOK STRAIT NAVAL BASE ANNA 4252N 13232E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

VESSELS -- ONE PROBABLE SUBMARINE, ONE POSSIBLE
SUBMARINE, AND ONE SMALL UNIDENTIFIED AUXILIARY.

25X1D [REDACTED]

25X1A [REDACTED] VOSTOK BAY NAVAL BASE LIVADIYA 4252N 13241E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

NO IDENTIFIABLE VESSELS OBSERVED.

25X1D [REDACTED]

25X1A [REDACTED] ABREK BAY NAVAL MISSILE SUPPORT FACILITY 4255N 13225E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

25X9 [REDACTED]

VESSELS -- 2 CL (PROBABLE SVERDLOV-CLASS), 2 DD,
AND 3 DE.

25X1D [REDACTED]

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25X1A [REDACTED] DUNAY PROBABLE NAVAL MISSILE STORAGE 4256N 13220E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
25X1D [REDACTED]

25X9 [REDACTED] OR NEW
SUBMARINE BASES WITHIN 50-NM RADIUS OBSERVED. DUNAY
IS CLEAR, BUT MOST OF THE SEARCH AREA IS COVERED BY
HEAVY CLOUDS.

VESSELS -- 3 UNIDENTIFIED 330-380 FT VESSELS AND 16
SMALL CRAFT.

25X1D [REDACTED]

25X1A [REDACTED] SOVETSKAYA GAVAN NAVAL BASE AND SHIPYARD 263 4858N 14017E

VESSELS INCLUDE 3 DD, ONE POSSIBLE DD (ALL ICEBOUND)
AND MINOR VESSELS. SHIPYARD ICEBOUND.

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] MOSCOW SUSPECT ABM AREA 5545N 03737E

SEARCH AREA 99 PERCENT CLOUD COVERED.

NO ABM ASSOCIATED FACILITIES OBSERVED IN CLEAR AREAS.

25X1D [REDACTED]

25X1A [REDACTED] LENINGRAD PROBABLE AMM AREA 5955N 03020E

NO AMM ACTIVITY IS DISCERNIBLE DUE TO SEMIDARKNESS
AND HAZE.

25X1D [REDACTED]

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25X1A [REDACTED] KOMSOMOLSK, SUSPECT ABM AREA 5200N 13700E

NO ABM FACILITIES OBSERVED WITHIN SEARCH AREA,
HOWEVER, 70 PERCENT OF AREA IS OBSCURED BY HEAVY
CLOUDS OR HAZE.

25X1D [REDACTED]

25X1A [REDACTED] AL ISMAILIYAH, SUSPECT SAM AREA (EGYPT) 3035N 03216E

NO EVIDENCE OF UNUSUAL CONSTRUCTION OR SAM ACTIVITY
FROM AL ISMAILIYAH TO 25 NM SOUTH OF THE CITY.

25X1D [REDACTED]

25X1A [REDACTED] PEIPING SAM SITE B35-2 (CHINA) 4009N 11618E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] DUMYAT (DAMIETTA) SUSPECT SAM AREA (EGYPT) 3125N 03148E

A SEARCH OF THE CLOUD-FREE AREAS WITHIN A 20-NM RADIUS
OF THE ABOVE COORDINATES REVEALS NO SAM ACTIVITY.
AREA IS APPROXIMATELY 60-75 PERCENT CLOUD COVERED.

25X1D [REDACTED]

AIRFIELDS

25X1A [REDACTED] ENGELS AIRFIELD 5129N 04611E

AIRCRAFT -- 26 LARGE SWEEP-WING AND 7 POSSIBLE LARGE
SWEEP-WING LOCATED IN MAIN PARKING AREA, 7 MEDIUM
STRAIGHT-WING ON SW PARKING APRON, 2 MEDIUM
STRAIGHT-WING ON PARKING APRON OFF WEST END OF
TAXIWAY, 5 MEDIUM STRAIGHT-WING ON NE PARKING APRON.

25X1D [REDACTED]

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25X1A [REDACTED] **PRILUKI AIRFIELD 5034N 03219E**

AIRCRAFT -- 23 PROBABLE BADGER PARKED ON PARALLEL APRON.

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] **POLTAVA AIRFIELD 4937N 03430E**

THREE UNIDENTIFIED MEDIUM AIRCRAFT IN WEAPONS LOADING AREA. AT LEAST 40 UNIDENTIFIED PROBABLE MEDIUM AIRCRAFT ON HARDSTANDS AND INFIELD. POOR IMAGE QUALITY PRECLUDES DEFINITE COUNT AND IDENTIFICATION.

NO EVIDENCE OF ASM FACILITIES.

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] **MIRGOROD AIRFIELD 4956N 03339E**

AIRCRAFT -- 30 MEDIUM SWEEP-WING AND ONE MEDIUM STRAIGHT-WING ON PARKING HARDSTANDS ALONG PARALLEL LOOP TAXIWAY.

NO NEW CONSTRUCTION OBSERVED.

25X1D [REDACTED]

NAVAL ACTIVITY

25X1A [REDACTED] **KLADPEDA NAVAL BASE AND SHIPYARD 5542N 02108E**

NO NAVAL VESSELS OBSERVED. SEMIDARKNESS PRECLUDES FURTHER INTERPRETATION.

25X1D [REDACTED]

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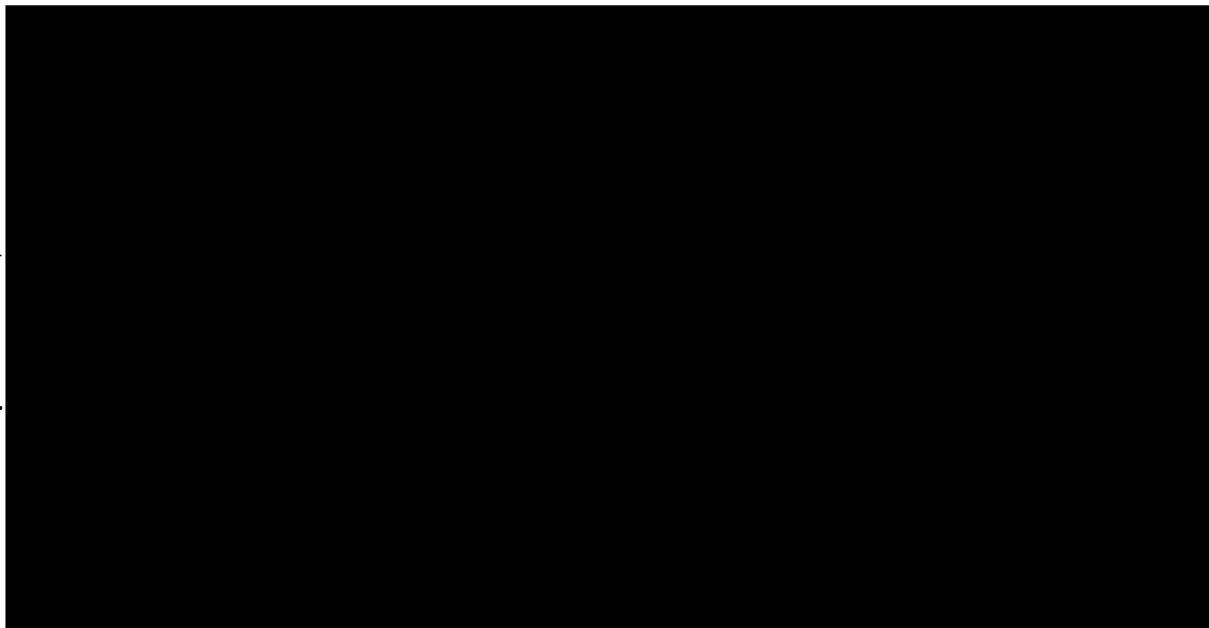
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25X1A [REDACTED] NIKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445 4659N 03201E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

DETAILED READOUT PRECLUDED BY SEMIDARKNESS AND SHADOWS.

25X1D [REDACTED]



25X2

COMPLEXES

R8A004 PEIPING COMPLEX (CHINA) 3955N 11623E

IDENTIFICATION ONLY.

21D FR F/85 & A/90 (39-4) H

25X1B

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ATTACHMENT 1



LAUNCH AREA G, SVOBODNY ICBM COMPLEX, USSR.

NPIC H-8872 (12/82)

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ATTACHMENT 2



LAUNCH AREA H, SVOBODNYI ICBM COMPLEX, USSR.

NPIC H-889 (12/63)

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ATTACHMENT 3



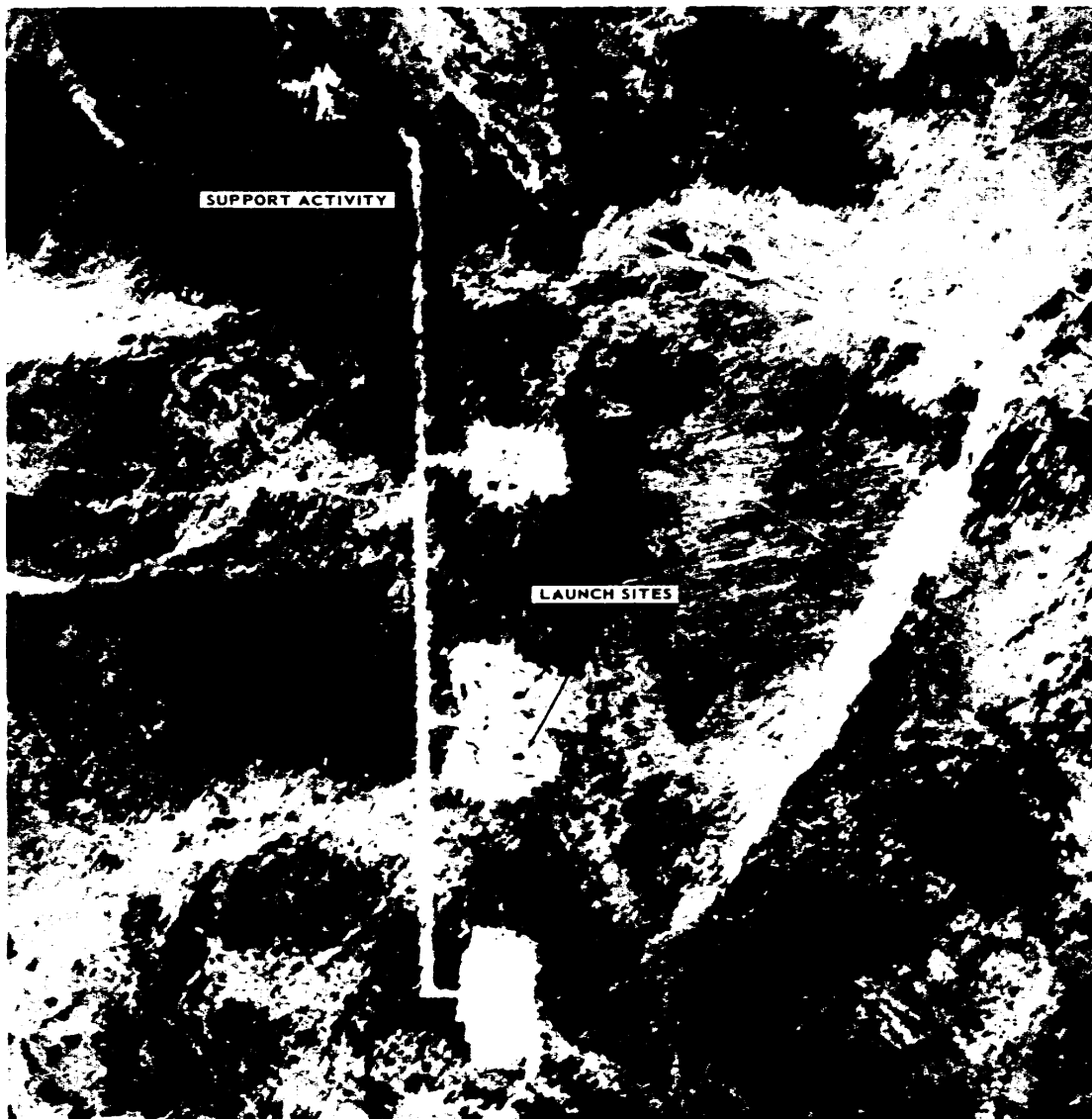
ROCKET ENGINE TEST FACILITY, KURUMOCH, USSR.

NPIC H-0074 (12/63)

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ATTACHMENT 4



SURFACE-TO-AIR MISSILE ACTIVITY, CHITA AREA, USSR.

NPIC H-9879 (12/63)

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NPIC/R-391/63
December 1963

PANELED JAN 3 1964

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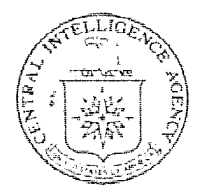
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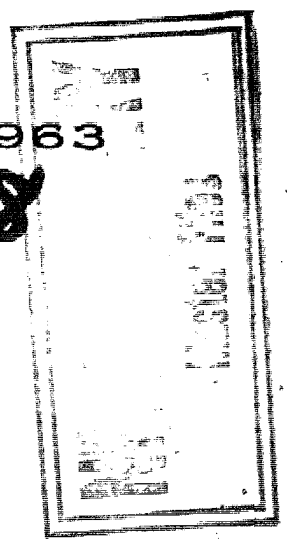
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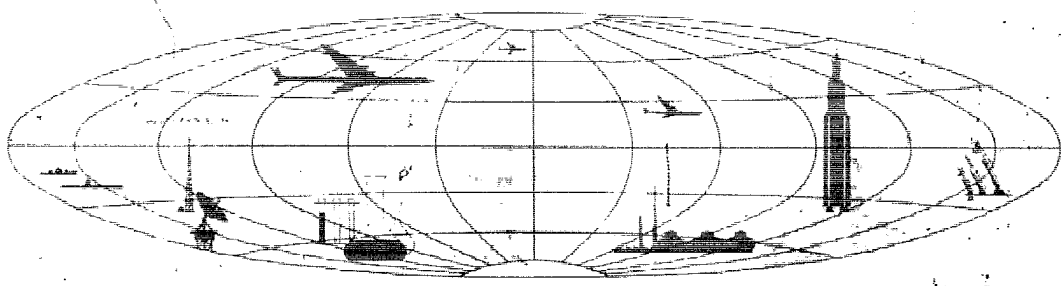


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MISSION 9062

PREFACE

THIS IS THE SECOND AND LAST DAILY OAK REPORT BASED ON MISSION 9062 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 1500 HOURS, 30 DECEMBER 1962, TO 1500 HOURS, 31 DECEMBER 1962, PRESENTS INFORMATION ONLY ON THOSE TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY MISSION 9062 ARE LISTED IN THE INDEX OF THIS REPORT.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), D (DARKNESS), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 9062 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

25X6

Next 2 Page(s) In Document Exempt

HIGHLIGHTS

- 25X1A 1. GLADKAYA ICBM COMPLEX [REDACTED]
A TYPE IIIA LAUNCH SITE DESIGNATED AS LAUNCH AREA E IN AN EARLY STAGE OF CONSTRUCTION HAS BEEN NEWLY IDENTIFIED AT APPROXIMATELY 56-25N 092-12E. LAUNCH AREA D, A TYPE IIIA SITE, HAS BEEN CONFIRMED AT 56-21N 092-15E.
- 25X1A 2. DLOVYANNAYA ICBM COMPLEX [REDACTED]
LAUNCH AREA C IS CONFIRMED AS A TYPE IIIA LAUNCH SITE.
- 25X1A 3. SARY SHAGAN AMM TEST COMPLEX [REDACTED]
A NEWLY IDENTIFIED TRACKING STATION HAS BEEN OBSERVED AT INSTRUMENTATION SITE 1. TWO ALIGNED RECTANGULAR EXCAVATIONS WITH A LARGE STRUCTURE LOCATED IN THE CENTER OF ONE EXCAVATION HAVE BEEN IDENTIFIED AT INSTRUMENTATION SITE 13.
- 25X1A 4. DNEPROPETROVSK MISSILE DEVELOPMENT/PRODUCTION CENTER [REDACTED]
NEWLY IDENTIFIED EXPANSION OF THE PLANT LOCATED AT 48-26N 034-59E CONSISTS OF TWO LARGE BUILDINGS AND NUMEROUS SMALLER BUILDINGS. BLAST MARKS IN THE SNOW AT THE TEST STANDS INDICATE RECENT ACTIVITY.
- 25X1A 5. VORONEZH STATIC TEST FACILITY [REDACTED]
TWO POSSIBLE TEST CELLS WITH ASSOCIATED BLAST PITS HAVE BEEN IDENTIFIED AND A POSSIBLE CONSTRUCTION CRANE/VERTICAL TEST STAND IS OBSERVED IN THE SW PORTION OF THE FACILITY OVERHANDING A PIT.
- 25X1A 6. TBILISI AIRFRAME PLANT 31 [REDACTED]
NEWLY IDENTIFIED EXPANSION OF THE PLANT LOCATED AT 41-40N 044-52E CONSISTS OF A LARGE L-SHAPED BUILDING WHICH HAS DOUBLED IN SIZE.

25X2 [REDACTED]

TOP SECRET CHESS RUFF

NPIC/R-391/63

MISSILES

25X1A [REDACTED] YURYA ICBM COMPLEX 5903N 04919E

25X1D NO SIGNIFICANT CHANGE SINCE [REDACTED]
IN COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER
POINT, SAM SUPPORT FACILITY, [REDACTED]

25X9

25X9

LAUNCH AREA G IS IN A LATE STAGE OF CONSTRUCTION BUT
SNOW COVER AND PHOTO QUALITY PRECLUDE DETAILED
INTERPRETATION.

LAUNCH AREA H IS COMPLETE.

LAUNCH AREA J IS COMPLETE BUT POOR PHOTO QUALITY
PRECLUDES DETAILED INTERPRETATION.

LAUNCH AREA K IS IN MID-STAGE OF CONSTRUCTION AND IS
CONFIRMED AS A TYPE IIIA SITE.

LAUNCH AREAS D, F, AND I ARE CLOUD COVERED.

A SEARCH OF THE CLOUD-FREE AREAS WITHIN A 50-NM RADIUS
OF YURYA ICBM COMPLEX REVEALS NO ABM RELATED
INSTALLATIONS.

25X1D

25X1D

25X1D

25X1D

25X9

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED]

[REDACTED] ARE AS FOLLOWS --

COMPLEX SUPPORT FACILITY [REDACTED]

RAIL-TO-ROAD TRANSFER POINT [REDACTED]

F/1 [REDACTED]

LAUNCH AREA A

LAUNCH AREA B

LAUNCH AREA C

LAUNCH AREA E

LAUNCH AREA G

LAUNCH AREA H

LAUNCH AREA J

LAUNCH AREA K

25X1D

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1A [REDACTED] VERKHNYAYA SALDA ICBM COMPLEX 5802N 06023E

COMPLEX IS PARTIALLY COVERED BY FAIR QUALITY PHOTOGRAPHY. THE WEST END OF THE COMPLEX CONTAINING THE SUPPORT FACILITY AND LAUNCH AREAS A, B, AND H IS NOT COVERED. LAUNCH AREAS C AND I CAN BE IDENTIFIED BUT NOT INTERPRETED.

NO APPARENT CHANGE IN AUXILIARY SUPPORT FACILITY AND LAUNCH AREAS D, E, F, AND G.

NO ABM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF COMPLEX.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED]
25X1D [REDACTED] ARE AS FOLLOWS --

25X1D LAUNCH AREA D [REDACTED]
25X1D LAUNCH AREA E [REDACTED]
25X1D LAUNCH AREA F [REDACTED]
25X1D LAUNCH AREA G [REDACTED]
25X1D AUXILIARY SUPPORT [REDACTED]

25X1A [REDACTED] DROVYANAYA ICBM COMPLEX 5132N 11301E

25X1D THE DROVYANAYA ICBM COMPLEX IS COMPLETELY COVERED BY FAIR QUALITY PHOTOGRAPHY. THERE ARE NO SIGNIFICANT CHANGES IN THE COMPLEX SUPPORT FACILITY, TRANSFER POINT, AND LAUNCH AREAS A AND B SINCE [REDACTED]
25X1D [REDACTED] LAUNCH AREA C IS NOW COMPLETE. LAUNCH AREA D IS NOW IN LATE STAGE OF CONSTRUCTION. LAUNCH AREA E IS IN A MID-STAGE AND NOW CONTAINS THE CHARACTERISTIC NOTCH WITH SEVERAL STRUCTURES UNDER CONSTRUCTION IN THE MAIN EXCAVATION. THERE ARE APPROXIMATELY 30 BUILDINGS IN THE SUPPORT AREA. APPROXIMATELY 40 BUILDINGS HAVE BEEN CONSTRUCTED IN THE AREA OF [REDACTED]
25X1D ACTIVITY 2.5 NM NE OF LAUNCH AREA E SINCE [REDACTED]
25X1D [REDACTED] LAUNCH AREA F IS NOW IN MID-STAGE OF CONSTRUCTION AND AT LEAST 25 BUILDINGS ARE LOCATED IN THE SUPPORT AREA. A SEARCH WITHIN A 50-NM RADIUS OF [REDACTED] ABOVE COORDINATES REVEALS NO ABM ACTIVITY.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED]
25X1D [REDACTED] ARE AS FOLLOWS --
25X1D COMPLEX SUPPORT FACILITY -- [REDACTED]
25X1D RAIL-TO-ROAD TRANSFER POINT [REDACTED]

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-391763

25X1D [REDACTED]
LAUNCH AREA A
LAUNCH AREA B
LAUNCH AREA C
LAUNCH AREA D
LAUNCH AREA E
LAUNCH AREA F

25X1D [REDACTED]

25X1A [REDACTED] SHADRINSK ICBM COMPLEX 5608N 06341E
IDENTIFICATION ONLY.

SEARCH AREA CLOUD COVERED.

25X1D [REDACTED]

25X1A [REDACTED] VOZZHAYEVKA SUSPECT ICBM AREA 5044N 12842E

NO ICBM ACTIVITY OBSERVED WITHIN 30-NM RADIUS OF
VOZZHAYEVKA.

25X1D [REDACTED]

25X1A [REDACTED] TYUMEN ICBM COMPLEX 5652N 06553E

NO APPARENT CHANGE IN THE COMPLEX SUPPORT FACILITY AND
TRANSFER POINT.

AT LAUNCH AREAS A AND C ALL SIGNIFICANT BUILDINGS ARE
IN PLACE AND THE LAUNCH SITES ARE PROBABLY COMPLETE,
ALTHOUGH DETAILS ARE OBSCURED BY SNOW.

LAUNCH AREA B APPEARS INACTIVE BUT SNOW PROHIBITS A
DETAILED READOUT.

25X1D LAUNCH AREA D IS NOW CONSIDERED ONLY A POSSIBLE LAUNCH
25X1D AREA. THERE HAS BEEN NO CHANGE SINCE [REDACTED]

NO ABM ACTIVITY OBSERVED WITHIN 50-NM RADIUS OF
COMPLEX.

25X1D PHOTOGRAPHIC REFERENCE FOR SIGNIFICANT ITEM ON [REDACTED]
25X1D [REDACTED] IS AS FOLLOWS --

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1D

COMPLEX SUPPORT -- [REDACTED]

25X1D

25X1A

[REDACTED] GLADKAYA ICBM COMPLEX 5605N 09213E

25X1D

A CONFIRMED TYPE IIIA SITE, DESIGNATED LAUNCH AREA E, IN AN EARLY STAGE OF CONSTRUCTION IS LOCATED AT APPROXIMATELY 56-25N 092-12E, 20.1 NM NORTH OF THE COMPLEX SUPPORT FACILITY. A RECTANGULAR CLEARING AND SHALLOW EXCAVATION ARE VISIBLE WITHIN THE SITE. THE SITE WAS NOT APPARENT ON [REDACTED]

25X1D

LAUNCH AREA D WAS REPORTED AS CONTAINING A POSSIBLE LAUNCH SITE ON [REDACTED] IT IS NOW CONFIRMED AS A TYPE IIIA SITE IN MID-STAGE OF CONSTRUCTION AND IS LOCATED AT 56-21N 092-15E, 16 NM NORTH OF THE COMPLEX SUPPORT FACILITY. A CLEARING WITH A LOOP ROAD ENCLOSES A RECTANGULAR EXCAVATION WITHIN THE SITE. THREE DARK OBJECTS ARE EQUALLY SPACED WITHIN THE EXCAVATION. IT APPEARS THAT CONSTRUCTION OF THE NOTCH FOR THE CONTROL BUNKER HAS JUST BEGUN.

LAUNCH AREA A CONTAINS A COMPLETED TYPE IID SITE. FOUR CANTED BUILDINGS ARE INBOARD OF THE PADS. THREE BUILDINGS ARE MIDWAY BETWEEN THE PADS. ERECTORS OR SHELTERS ARE APPARENT ON EACH PAD. ONE LARGE MISSILE-READY BUILDING IS BEHIND THE RIGHT PAD.

LAUNCH AREA B CONTAINS A TYPE IID SITE IN A LATE STAGE OF CONSTRUCTION. FOUR CANTED BUILDINGS ARE INBOARD OF THE PADS. THREE BUILDINGS ARE MIDWAY BETWEEN THE PADS. THE PADS APPEAR TO BE UNDER CONSTRUCTION. ONE MISSILE-READY BUILDING IS BEHIND THE RIGHT PAD.

PROBABLE LAUNCH AREA C CONTAINS A PROBABLE TYPE IIIA SITE. DETAILS ARE NOT DISCERNIBLE BECAUSE OF LOW SUN ANGLE AND SHADOWS.

25X1D

25X1D

25X1D

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS --
GLADKAYA COMPLEX SUPPORT FACILITY [REDACTED]
GLADKAYA LAUNCH AREA E [REDACTED]
(SEE ATTACHMENTS 1 & 2)

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1D [REDACTED]

25X1A [REDACTED] ZHITOMIR MRBM LAUNCH SITE 1 5004N 02816E

NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE.

SNOW COVER PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] LIPNIKI MRBM LAUNCH SITE 5112N 02826E

NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE.

SNOW COVER PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] PETRIKOV MRBM LAUNCH SITE 5210N 02834E

NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE.

SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] PETROVSKIY IRBM LAUNCH SITE 5000N 05658E

SITE IN MID-STAGE OF CONSTRUCTION. NO EVIDENCE OF THIRD SITE WITHIN 25-NM RADIUS OF PETROVSKIY.

25X1D [REDACTED]

25X1A [REDACTED] KOZHANOVICHI MRBM LAUNCH SITE 1 5210N 02751E

NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE.

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1A [REDACTED] VINNITSA MRBM LAUNCH SITE 4917N 02820E
NO CHANGES OR ADDITIONAL DETAILS OBSERVED SINCE

25X1D [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] GVARDEYSK MRBM LAUNCH SITE 2 5445N 02109E
NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF
THIS SITE. PHOTO QUALITY PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] SLAVSK MRBM LAUNCH SITE 2 5500N 02129E
NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF
THIS SITE. PHOTO QUALITY PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] ZNAMENSK MRBM LAUNCH SITE 1 5433N 02111E
NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF
THIS SITE. PHOTO QUALITY PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] GUSEV MRBM LAUNCH SITE 1 5441N 02205E
NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF
THIS SITE. SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] OVRUCH MRBM LAUNCH SITE 1 5117N 02816E
NO NEW SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF
THIS SITE.

SNOW COVER PRECLUDES NEGATION.

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1D [REDACTED]

25X1A [REDACTED]

KOROSTEN MRBM LAUNCH SITE 1 5051N 02818E

NO NEW SSM ACTIVITY WITHIN A 25-NM RADIUS OF THIS SITE.

SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

YELSK MRBM LAUNCH SITE 1 5142N 02912E

NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE.

SNOW COVER PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

JONAVA MRBM LAUNCH SITE 5501N 02414E

WESTERN THREE-QUARTERS OF SEARCH AREA COVERED. NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF SITE.

SNOW PRECLUDES NEGATION OF THIS PORTION OF SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED]

VORU MRBM LAUNCH SITE 2 5749N 02650E

NO HARDENED SSM ACTIVITY IDENTIFIED WITHIN 25-NM RADIUS OF THIS SITE. SNOW COVER PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

VEPRIAI MRBM LAUNCH SITE 5508N 02438E

EASTERN HALF OF SEARCH AREA NOT COVERED. PHOTO QUALITY AND SNOW PRECLUDE NEGATION.

TOP SECRET CHESS RUFF

NPIC/R-391/63

NO NEW SSM ACTIVITY OBSERVED WITHIN WESTERN HALF OF SEARCH AREA.

25X1D [REDACTED]

25X1A [REDACTED]

GRESK MRBM LAUNCH SITE 1 5314N 02742E

NO SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE IN WESTERN HALF OF SEARCH AREA. EASTERN HALF NOT COVERED. SNOW COVER PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

RAGNIT MRBM LAUNCH SITE 5501N 02211E

NO NEW SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF THIS SITE. SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

LIDA MRBM LAUNCH SITE 1 5347N 02521E

NO NEW SSM ACTIVITY OBSERVED IN THE NE AND SE QUADRANTS WITHIN 25-NM RADIUS OF THIS SITE. SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

VSELYUB MRBM LAUNCH SITE 1 5346N 02543E

NO NEW SSM ACTIVITY OBSERVED IN SEARCH AREA. SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED]

AKHTYRKA MRBM LAUNCH SITE 1 5015N 03450E

NO HARDENED LAUNCH AREA OBSERVED WITHIN 25-NM RADIUS OF THIS SITE. SNOW COVER PRECLUDES NEGATION.

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1D [REDACTED]

25X1A

[REDACTED] NERCHINSK, SUSPECT SSM AREA 5158N 11635E

NO SSM ACTIVITY OBSERVED WITHIN 50-NM RADIUS OF NERCHINSK.

25X1D [REDACTED]

25X1A

[REDACTED] OLOVYANNAYA ICBM COMPLEX 5048N 11550E

THE COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT ARE PROBABLY COMPLETE. LAUNCH AREA A IS IN A LATE STAGE OF CONSTRUCTION. THE SITE HAS BEEN BACKFILLED AND THE CHARACTERISTIC LOOP ROAD HAS BEEN GRADED.

LAUNCH AREA B IS IN MID-STAGE OF CONSTRUCTION. AT LEAST 4 STRUCTURES ARE UNDER CONSTRUCTION IN THE MAIN EXCAVATION.

LAUNCH AREA C IS CONFIRMED AS A TYPE IIIA LAUNCH SITE IN A MID-STAGE OF CONSTRUCTION AND CONSISTS OF THE CHARACTERISTIC EXCAVATION WITH NOTCH AND 3 SILOS UNDER CONSTRUCTION IN MAIN EXCAVATION. THE SITE SUPPORT FACILITY CONTAINS APPROXIMATELY 35 BUILDINGS.

A SEARCH WITHIN 50-NM RADIUS OF THE ABOVE COORDINATES REVEALS NO ABM ACTIVITY.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON

25X1D

[REDACTED] ARE AS FOLLOWS -

25X1D

COMPLEX SUPPORT FACILITY [REDACTED]

25X1D

RAIL-TO-ROAD TRANSFER POINT [REDACTED]

25X1D

LAUNCH AREA A [REDACTED]

LAUNCH AREA B [REDACTED]

LAUNCH AREA C [REDACTED]

(SEE ATTACHMENT 3)

25X1D [REDACTED]

TOP SECRET CHESS RUFF

NPIC/R-391/63

SNOW PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] BERDICHEV MRBM LAUNCH SITE 5005N 02822E

NO NEW SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF SITE.

SNOW COVER PRECLUDES NEGATION.

25X1D [REDACTED]

25X1A [REDACTED] URECHYE MRBM LAUNCH SITE 5311N 02758E

NO SSM ACTIVITY OBSERVED WITHIN WESTERN HALF OF 25-NM RADIUS OF THIS SITE. EASTERN HALF NOT COVERED.

25X1D [REDACTED]

25X1A [REDACTED] ROGAS, SUSPECT MRBM SITE 5654N 02440E

NO SUSPECT MISSILE ACTIVITY IDENTIFIED WITHIN 15-NM OF RAIL LINE EAST AND WEST OF ROGAS.

25X1D [REDACTED]

25X1A [REDACTED] KAMENNY MOST IRBM LAUNCH SITE 4758N 03053E

25X9 [REDACTED]

NO ADDITIONAL SITES OBSERVED WITHIN A 25-NM RADIUS OF THIS SITE.

25X1D [REDACTED]

25X1A [REDACTED] SAKI, SUSPECT SSM AREA 4507N 03336E

ONLY NORTHERN 40 PER CENT OF SEARCH AREA COVERED. NO SSM ACTIVITY OBSERVED.

25X1D [REDACTED]

25X1A

[REDACTED] SKRUNDA IRBM LAUNCH SITE 5635N 02149E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A

[REDACTED] KARAKHOBDA IRBM LAUNCH SITE 4957N 05651E

SITE IN EARLY STAGE OF CONSTRUCTION.

NO EVIDENCE OF THIRD SITE WITHIN 25-NM RADIUS OF
KARAKHOBDA.

25X1D [REDACTED]

25X1A

[REDACTED] GRANOV IRBM LAUNCH SITE 2 4849N 02929E

SITE APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION.

25X1D [REDACTED]

25X1A

[REDACTED] SEMENOVKA IRBM LAUNCH SITE 1 4758N 03059E

THIS TYPE IV LAUNCH SITE IS COMPLETED.

25X1D [REDACTED]

25X1A

[REDACTED] BOLEKHOV MRBM LAUNCH SITE 4906N 02351E

SITE NOW APPEARS COMPLETED.

NO NEW SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF
SITE.

25X1D [REDACTED]

25X1A

[REDACTED] KHMELNITSKIY MRBM LAUNCH SITE 4924N 02708E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] STRYV MRBM LAUNCH SITE 4916N 02343E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

NO SECOND MRBM/IRBM SITE OBSERVED WITHIN A 25-NM RADIUS OF THIS SITE.

25X1D [REDACTED]

25X1A [REDACTED] VLADIMIR VOLYNSKIY MRBM LAUNCH SITE 5048N 02442E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] OTYNYA MRBM LAUNCH SITE 4847N 02450E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

NO ADDITIONAL SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF SITE.

25X1D [REDACTED]

25X1A [REDACTED] ZEMAICIU KALVARIJA MRBM LAUNCH SITE 5601N 02153E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] BRODY MRBM LAUNCH SITE 5006N 02512E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

25X1D [REDACTED]

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1A

[REDACTED] RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE 5104N 02807E

ADDITIONAL STRUCTURES APPEAR ON AND AROUND CONTROL BUNKER.

NO NEW SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF THIS SITE. SNOW COVER PRECLUDES NEGATION.

25X1D

[REDACTED]

25X1A

[REDACTED] SOKAL MRBM LAUNCH SITE 5020N 02426E

NO NEW SSM ACTIVITY IDENTIFIED WITHIN A 25-NM RADIUS OF SOKAL MRBM LAUNCH SITE. SNOW COVER PRECLUDES NEGATION OF THE AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] IECAVA MRBM LAUNCH SITE 5633N 02420E

25X1D

NO APPARENT CHANGE SINCE [REDACTED] NO ADDITIONAL SSM ACTIVITY IDENTIFIED IN AREA. SNOW COVER PRECLUDES NEGATION.

25X1D

[REDACTED]

25X1A

[REDACTED] KIROVOBAD, SUSPECT SSM AREA 4040N 04620E

NO SSM ACTIVITY OBSERVED WITHIN 25-NM RADIUS OF KIROVOBAD.

25X1D

[REDACTED]

25X1A

[REDACTED] REDKIND MRBM LAUNCH SITE 5724N 02826E

SITE STILL APPEARS TO BE IN A MID-STAGE OF CONSTRUCTION. NO ADDITIONAL SSM ACTIVITY IDENTIFIED WITHIN 25-NM RADIUS OF THIS SITE.

25X1D

[REDACTED]

TOP SECRET CHESS RUFF

NPIC/R-391/63

- 25X1A [REDACTED] TSIRGULIINA MRBM LAUNCH SITE 5749N 02612E
- 25X1D NO APPARENT CHANGE SINCE [REDACTED] NO
ADDITIONAL SSM ACTIVITY IDENTIFIED IN SEARCH AREA.
SNOW COVER PRECLUDES NEGATION.
- 25X1D [REDACTED]
- 25X1A [REDACTED] SEMENOVKA IRBM LAUNCH SITE 2 4753N 03057E
- THIS TYPE IV LAUNCH SITE IS IN A LATE STAGE OF
CONSTRUCTION OR COMPLETE.
- 25X1D [REDACTED]
- 25X1A [REDACTED] LEBEDIN IRBM LAUNCH SITE 3 5038N 03427E
- 25X1D NO APPARENT CHANGE SINCE [REDACTED]
NO ADDITIONAL IRBM SITES OBSERVED IN SEARCH AREA.
- 25X1D [REDACTED]
- 25X1A [REDACTED] VAINODE IRBM LAUNCH SITE 5628N 02150E
- IDENTIFICATION ONLY.
- 25X1D [REDACTED]
- 25X1A [REDACTED] KISHENTSY MRBM LAUNCH SITE 4900N 03013E
- NO NEW SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS OF
SITE. ADDITIONAL STRUCTURES NOTED WITHIN SECURED
LAUNCH SITE.
- 25X1D [REDACTED]

TOP SECRET CHESS RUFF

NPIC/R-391/63

25X1A [REDACTED] KALNIK IRBM LAUNCH SITE 4859N 02922E

SITE IS IN A MID-STAGE OF CONSTRUCTION.
ALL COMPONENTS ARE PRESENT BUT NOT BACKFILLED.

25X1D [REDACTED]

25X1A [REDACTED] LEJASCIEMS MRBM LAUNCH SITE 2 5713N 02633E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] KHMELNITSKIY FIXED FIELD MRBM LAUNCH SITE 4925N 02706E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

NO CONSTRUCTION ACTIVITY OR MISSILE-ASSOCIATED
EQUIPMENT IDENTIFIED.

25X1D [REDACTED]

25X1A [REDACTED] YARMOLINTSY FIXED FIELD MRBM LAUNCH SITE 4912N 02647E

25X1D NO APPARENT CHANGE SINCE [REDACTED]

NO CONSTRUCTION ACTIVITY OR MISSILE-ASSOCIATED
EQUIPMENT IDENTIFIED.

25X1D [REDACTED]

25X1A [REDACTED] PESCHANYY ABM SEARCH 5750N 16205E

KAMCHATKA PENINSULA WITHIN 100 NM OF EITHER SIDE OF
INCOMING ICBM FLIGHT LINE WAS SEARCHED FOR CHANGES TO
EXISTING FACILITIES AND NEW FACILITIES. THE EASTERN
HALF OF THE SEARCH AREA, EAST OF THE CENTRAL MOUNTAIN
CHAIN, WAS COVERED BY GOOD QUALITY CLOUD-FREE
PHOTOGRAPHY. THERE ARE NO APPARENT CHANGES AT
PREVIOUSLY REPORTED FACILITIES SINCE [REDACTED]

25X1D

25X1D [REDACTED]

NO NEW FACILITIES OBSERVED.

KLYUCHI AIRFIELD OBSERVED WITH 5 SMALL STRAIGHT-WING
AIRCRAFT, 6 POSSIBLE SMALL HELICOPTERS, AND 11

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PROBABLE LARGE HELICOPTERS. THE WESTERN HALF OF THE SEARCH AREA IS CLOUD COVERED.

25X1D

[REDACTED]

25X1A

[REDACTED]

SARY SHAGAN AMM TEST COMPLEX 4602N 07334E

THE AMM TEST COMPLEX WAS PARTIALLY COVERED BY PHOTOGRAPHY OF GENERALLY GOOD QUALITY ALTHOUGH SNOW COVER LIMITS INTERPRETATION.

25X1D

LAUNCH COMPLEX A -- AT ELECTRONIC SITE C THE PREVIOUSLY REPORTED NORTHERNMOST TOWERLIKE STRUCTURE NOW APPEARS TO BE COVERED WITH AN ENVIRONMENTAL SHELTER, PROBABLY DOME-SHAPED, WITH A DIAMETER OF APPROXIMATELY 110 FT. A NEW ROAD HAS BEEN CONSTRUCTED SINCE [REDACTED] AND EXTENDS SSW FROM NEAR LAUNCH SITE 3 TOWARD ELECTRONICS SITE B. AT TERMINUS OF THE ROAD IS AN AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY MEASURING 150 X 30 FT. THE GUIDANCE AREAS AT SITES 1 AND 2 AND AT LEAST ONE LAUNCH POSITION AT SITE 2 HAVE HAD SNOW REMOVED. AT LAUNCH SITE 3 UNIDENTIFIED OBJECTS ARE OBSERVED ON 2 OF THE LAUNCH POSITIONS. NO CHANGES OBSERVED IN SUPPORT AREA.

INSTRUMENTATION SITE 1 -- AN ADDITIONAL TRACKING STATION HAS BEEN IDENTIFIED AT THIS SITE. THE TRACKING FACILITY CONSISTS OF 2 STRUCTURES 65 X 65 FT WITH AN ANTENNA MOUNTED ON THE CENTER OF EACH ROOF. THE DISTANCE BETWEEN THE STRUCTURES IS APPROXIMATELY 900 FT.

25X1D

INSTRUMENTATION SITES 2, 10 AND 11 -- NO APPARENT CHANGE SINCE [REDACTED]

INSTRUMENTATION SITES 3, 4, AND 9 -- NOT COVERED.

25X1D

INSTRUMENTATION SITE 5 -- NO APPARENT CHANGE SINCE [REDACTED] HOWEVER SNOW COVER LIMITS INTERPRETATION.

25X1D

INSTRUMENTATION SITE 6 -- NO APPARENT CHANGE SINCE [REDACTED]

25X1D

INSTRUMENTATION SITE 7 -- NO APPARENT CHANGE SINCE [REDACTED]

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25X1D INSTRUMENTATION SITE 8 -- NO APPARENT CHANGE SINCE
[REDACTED]

INSTRUMENTATION SITE 12 -- NOT OBSERVED.

25X1D INSTRUMENTATION SITE 13 -- THE SUPPORT AREA LOCATED
SOUTH OF THE SITE HAS 8 ADDITIONAL BARRACKS-TYPE
BUILDINGS SINCE [REDACTED] ALSO AT THE SUPPORT
AREA LOCATED JUST NE OF THE SITE 4 POSSIBLE
FOUNDATIONS FOR ADDITIONAL STRUCTURES HAVE BEEN ADDED.
THE PREVIOUSLY REPORTED UNIDENTIFIED ACTIVITY LOCATED
NORTH OF THE TRIAD OF BUILDINGS CONSISTS OF 2 ALIGNED
RECTANGULAR EXCAVATIONS MEASURING 2,300 X 100 FT EACH.
LOCATED APPROXIMATELY 1,000 FT FROM THE END AND ALONG
THE EAST EDGE OF THE NORTH EXCAVATION A STRUCTURE
APPROXIMATELY 210 X 190 FT HAS BEEN CONSTRUCTED SINCE

25X1D [REDACTED]

25X1D INSTRUMENTATION SITE 14 -- NO APPARENT CHANGE SINCE
[REDACTED]

25X1D HEN HOUSE -- THE UNIDENTIFIED OBJECT OBSERVED ON
[REDACTED] ON THE EAST END OF THE ROOF OF THE
HEN HOUSE CONTROL BUILDING ADDITION IS NOT OBSERVED ON
THIS MISSION.

25X1D HEN ROOSTS NORTH & SOUTH -- NO APPARENT CHANGE SINCE
[REDACTED]

25X1D MAIN SUPPORT BASE -- NO APPARENT CHANGE SINCE
[REDACTED]

25X1D PRIMARY AIRFIELD -- NO APPARENT CHANGE SINCE
[REDACTED] RUNWAY CLEARED OF SNOW.

PREPARED EARTH STRIP -- STRIP IS COMPLETELY SNOW
COVERED, NO APPARENT CHANGE IS OBSERVED.

PROBABLE FIELD LAUNCH POINT 46-59N 070-10E. --
IDENTIFICATION ONLY.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ARE AS
FOLLOWS --

25X1D LAUNCH COMPLEX A [REDACTED]
INSTRUMENTATION SITE 1
INSTRUMENTATION SITE 2
INSTRUMENTATION SITE 5 [REDACTED]

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25X1D INSTRUMENTATION SITE 6
25X1D INSTRUMENTATION SITE 7
25X1D INSTRUMENTATION SITE 8
25X1D INSTRUMENTATION SITE 10
25X1D INSTRUMENTATION SITE 11
25X1D INSTRUMENTATION SITE 13
25X1D INSTRUMENTATION SITE 14
25X1D HEN HOUSE
25X1D HEN ROOST NORTH
25X1D HEN ROOST SOUTH
25X1D MAIN SUPPORT BASE
25X1D PRIMARY AIRFIELD
25X1D PREPARED EARTH STRIP
25X1D PROBABLE FIELD LAUNCH POINT

(SEE ATTACHMENTS 4-7)

25X1D

25X1A EMBA MISSILE-ASSOCIATED INSTALLATION 4845N 05804E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

AREA APPEARS ACTIVE WITH SNOW REMOVED FROM ROADS AND LANDING STRIP PARTIALLY CLEARED. AT LEAST 25 AIRCRAFT OBSERVED PARKED AT THE LANDING STRIP.

25X1D

25X1A HAMMAGUIR MSL TEST AREA (ALG) 3050N 00305W

THIS TEST AREA LOCATED 62 NM SW OF COLOMB BECHAR CONSISTS OF AN INTERFEROMETER AND 2 PROBABLE LAUNCH AREAS SERVED BY AT LEAST 8 INSTRUMENTATION SITES, ARRANGED IN THE SHAPE OF A BELL AND ORIENTED IN A SE DIRECTION. THE WESTERNMOST PROBABLE LAUNCH AREA CONTAINS A TALL TOWER AND SEVERAL SUPPORT STRUCTURES, THE OTHER CONTAINS SEVERAL BUILDINGS AND A PROBABLE LAUNCH POINT.

HAMMAGUIR AIRFIELD AND ASSOCIATED SUPPORT AREA IS TO THE NORTH.

TOP SECRET CHESS RUFF

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25X1D [REDACTED]

25X1A [REDACTED] DNEPROPETROVSK MISSILE DEVELOP PROD CENTER 4826N 03459E

25X1D [REDACTED] TWO NEW BUILDINGS HAVE BEEN ADDED IN THE NORTH PORTION OF THE PLANT SINCE THE LAST GOOD COVERAGE [REDACTED] ONE ON THE WEST SIDE OF THE PLANT IS APPROXIMATELY 600 BY 500 FT AND THE OTHER ON THE SOUTH SIDE IS APPROXIMATELY 700 BY 400 FT. NUMEROUS SMALLER BUILDINGS HAVE ALSO BEEN ADDED.

THE SOUTH PORTION OF THE PLANT HAS A NEW BUILDING APPROXIMATELY 600 BY 100 FT ON THE NW SIDE. THE TEST FACILITY FOR THE 2 PLANTS SHOWS RELATIVELY LITTLE CHANGE BUT 2 OF THE TEST STANDS HAVE BLAST MARKS IN THE SNOW SHOWING RECENT ACTIVITY.

(SEE ATTACHMENT 8)

25X1D [REDACTED]

25X1A [REDACTED] KHARKOV AREA MISSILE PROD SEARCH 4959N 03614E

NO MISSILE ACTIVITY OBSERVED IN VICINITY OF KHARKOV. OUTSKIRTS TO THE EAST OF CITY NOT COVERED.

25X1D [REDACTED]

25X1A [REDACTED] VORONEZH STATIC TEST FACILITY 5135N 03909E

25X1D [REDACTED] A SECURED FACILITY 5 NM SOUTH OF VORONEZH CONTAINS 2 TEST CELLS WITH ASSOCIATED BLAST PITS THAT WERE PRESENT IN [REDACTED] ONE SHOWS EVIDENCE OF RECENT TEST ACTIVITY. ADJACENT TO, AND JUST NE OF THE OLDER CELLS ARE 2 NEWLY IDENTIFIED POSSIBLE TEST CELLS WITH ASSOCIATED BLAST PITS. THESE CELLS WERE UNDER CONSTRUCTION IN [REDACTED] AND APPEAR SIMILAR TO THE OLDER CELLS. ONE OF THE NEWER CELLS ALSO SHOWS EVIDENCE OF RECENT ACTIVITY. AN ADDITIONAL NEWLY IDENTIFIED POSSIBLE CONSTRUCTION CRANE OR VERTICLE TEST STAND IS SITUATED IN THE SW PORTION OF THE FACILITY OVERHANGING A PIT THAT WAS OBSERVED IN [REDACTED] OTHER NEW CONSTRUCTION AT THE FACILITY SINCE [REDACTED]

25X1D [REDACTED] INCLUDES A RAIL SPUR (POSSIBLY STILL UNDER CONSTRUCTION) THAT SERVES THE SW END OF THE FACILITY

TOP SECRET CHESS RUFF

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25X1A AND CAN BE TRACED TO THE VORONEZH AIRCRAFT ASSEMBLY PLANT 64 [REDACTED] BY A CIRCUITOUS ROUTE, THE EXTENSION OF THE FACILITY SECURITY FENCE TO INCLUDE THE NEWER AREAS, AND THE COMPLETION OF A LARGE BUILDING IN THE SOUTHERN PORTION OF THE FACILITY.

25X1D [REDACTED]

25X1A [REDACTED] HELWAN MUNITIONS PLANT 63 (EGYPT) 2952N 03122E

25X1D A PRODUCTION-TYPE BUILDING THAT WAS UNDER CONSTRUCTION AT THE NW PART OF THE PLANT ON [REDACTED] HAS BEEN COMPLETED.

25X1D [REDACTED]

25X1A [REDACTED] TBILISI AIRFRAME PLANT 31 4140N 04452E

25X1D THE I-SHAPED BUILDING REPORTED ON [REDACTED]
25X1D [REDACTED] HAS MORE THAN DOUBLED IN SIZE AND IS NOW 900 X 160 FT INCLUDING 2 BAYS 95 AND 65 FT WIDE.

NO AIRCRAFT OR MISSILE ACTIVITY OR EQUIPMENT IDENTIFIED.

25X1D [REDACTED]

25X1A [REDACTED] BALTIYSK NAVAL BASE 5439N 01955E

NO NAVAL VESSELS IN PORT. PAN ICE IN HARBOR.

25X9 [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED] KALININGRAD SUSPECT NAVAL MISSILE STORAGE FAC 5450N 02028E

LOCATED IN WOODS 8 NM NORTH OF KALININGRAD.

THE POSSIBLE STORAGE AND HANDLING AREA IS DOUBLE-FENCED, ROAD AND RAIL SERVED. IT CONTAINS 11 BUILDINGS, INCLUDING 7 CANTED BUILDINGS, AND APPEARS COMPLETE.

TOP SECRET CHESS RUFF

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THE PROBABLE EXPLOSIVES STORAGE AREA IS ONE NM WEST AND IS DOUBLE FENCED. IT CONTAINS 3 PROBABLE STORAGE BUILDINGS IN INDIVIDUAL CLEARINGS, AT LEAST 5 OTHER BUILDINGS AND A POSSIBLE CONSTRUCTION AREA. CONSTRUCTION STATUS UNDETERMINED.

A THIRD, UNIDENTIFIED AREA CONTAINS 10 BUILDINGS AND IS NOT SECURED.

25X9

25X1D

25X1A

DAHSHUR SAM TRAINING AREA (EGYPT) 2948N 0311E

SIX LAUNCH POSITIONS AT THE THIRD SA-2 SITE WITHIN THE TRAINING AREA ARE FAINTLY DISCERNIBLE. UNLIKE THE OTHER 2 SAM SITES IN THIS AREA, NO OUTER SERVICE ROAD IS VISIBLE. NO NEW CONSTRUCTION ACTIVITY OBSERVED SINCE [REDACTED] NO MISSILES VISIBLE WITHIN THE TRAINING AREA OR AT THE OPERATIONALLY DEPLOYED SITE SOUTH OF THE TRAINING AREA.

25X1D

25X1D

25X1A

AL ISKANDARIYAH SAM SITE (EGYPT) 3118N 03003E

SITE IS NOW COMPLETE AND OPERATIONAL. IT APPEARS TO HAVE CANVAS-COVERED OR CAMOUFLAGED LAUNCH POSITIONS.

25X1D

25X1A

AL ISKANDARIYAH SUSPECT SAM AREA (EGYPT) 3059N 02943E

COMPLETED SA-2 SAM SITE IS LOCATED 10.8 NM SW OF AL ISKANDARIYAH AT 31-05-10N 029-58-30E. (USATC SERIES 200, SHEET 0448-10HL, 1ST ED, APR 62.)

NO OTHER SAM ACTIVITY WITHIN 10-NM RADIUS OF ABOVE COORDINATES.

25X1D

TOP SECRET CHESS RUFF

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25X1A [REDACTED] RASHID SUSPECT SAM AREA (EGYPT) 3124N 03025E

A SEARCH WITHIN A 20-NM RADIUS OF RASHID REVEALS NO EVIDENCE OF SAM ACTIVITY.

25X1D [REDACTED]

25X1A [REDACTED] PORT SAID SUSPECT SAM AREA (EGYPT) 3116N 03218E

A SEARCH OF THE CLOUD-FREE AREAS WITHIN A 10-NM RADIUS OF THE ABOVE COORDINATES REVEALS NO EVIDENCE OF SAM ACTIVITY.

25X1D [REDACTED]

25X1A [REDACTED] BALTIM SUSPECT SAM AREA (EGYPT) 3133N 03105E

A SEARCH WITHIN A 20-NM RADIUS OF THE ABOVE COORDINATES REVEALS NO EVIDENCE OF SAM ACTIVITY.

25X1D [REDACTED]

25X1A [REDACTED] FAYID SUSPECT SAM AREA (EGYPT) 3019N 03219E

NO EVIDENCE OF SAM ACTIVITY WITHIN A 15-NM RADIUS OF ABOVE COORDINATES.

25X1D [REDACTED]

MISSILE BONUS 1. FOUR SA-2 SAM SITES (2 IN EGYPT AND ONE IN THE USSR) AND ONE SAM SUPPORT FACILITY (A TYPE II) IN EGYPT HAVE BEEN IDENTIFIED THUS FAR ON [REDACTED]

25X1D

1. 18.5 NM SW OF AS-SUWAYS AT 29-43-20N 032-20-45E. NEWLY IDENTIFIED CONFIRMED SA-2 SAM SITE UNDER CONSTRUCTION. USATC SERIES 200, SHEET 0447-12HL, 1ST ED, MAY 62.

25X1D [REDACTED]

2. 17 NM WNW OF CAIRO AT 30-03-50N 030-54-05E. NEWLY IDENTIFIED, CONFIRMED, COMPLETED SA-2 SAM SITE.

TOP SECRET CHESS RUFF

NPIC/R-391/63

USATC SERIES 200, SHEET 0447-11AL, 1ST ED, MAY 61.

25X1D

3. 4 NM SSE OF KIROVABAD AT 40-36-40N 046-23-30E.
NEWLY IDENTIFIED, CONFIRMED, COMPLETED SA-2 SAM SITE.
USATC SERIES 200, SHEET 0325-23A, 1ST ED, JUN 58.

25X1D

4. 2.0 NM NE OF AS-SUWAYS AT 29-59-55N 032-31-50E.
NEWLY IDENTIFIED, CONFIRMED, COMPLETED TYPE II SAM
SUPPORT FACILITY.
USATC SERIES 200, SHEET 0447-13AL, 1ST ED, APR 62.

25X1A

25X1D

AIRFIELDS

25X1A

CHEPELEVKA AIRFIELD 4947N 03026E

25X9

RUNWAY AND TAXIWAYS CLEARED OF SNOW. LOADING AREA
PARTIALLY CLEARED.

25X9

AIRCRAFT -- 36 MEDIUM SWEEP-WING (35 ON APRONS AND
HARDSTANDS ALONG LOOP TAXIWAY AND ONE ON TAKE-OFF
RUN), AND 7 LARGE SWEEP-WING (3 IN LOADING AREA).

25X1D

25X1A

SIAULIAI AIRFIELD 5553N 02323E

25X9

POOR QUALITY PHOTOGRAPHY PRECLUDES INTERPRETATION

AIRCRAFT -- APPROXIMATELY 44 AIRCRAFT INCLUDING 14
MEDIUM SWEEP-WING ON HARDSTANDS ALONG LOOP TAXIWAY AND
APPROXIMATELY 30 FIGHTER-TYPE AT NW END OF FIELD.

TOP SECRET CHESS RUFF

NPIC/R-391/63

NO AIRCRAFT OBSERVED ON LOADING STANDS IN WEAPONS
LOADING AREA.

25X1D [REDACTED]

25X1A [REDACTED]

UKRAINA AIRFIELD 5110N 12826E

25X9

NO APPARENT CHANGE [REDACTED]

25X1D

SINCE [REDACTED] INTERNAL ROADS SNOW
COVERED.

NO ASM FACILITIES OBSERVED.

AIRCRAFT -- 14 PROBABLE BISON (11 ON EAST APRON) AND
APPROXIMATELY 35 PROBABLE BADGER ON HARDSTANDS
ADJACENT TO LOOP TAXIWAY.

25X1D [REDACTED]

25X1A [REDACTED]

BORZYA AIRFIELD NORTHWEST 5024N 11623E

25X9 [REDACTED]

AIRCRAFT -- 10 PROBABLE BADGER.

25X1D [REDACTED]

25X1A [REDACTED]

BARANOVICHI AIRFIELD 5306N 02603E

RUNWAY, TAXIWAYS, AND WEAPONS LOADING AREA CLEARED OF
SNOW.

25X9

NO APPARENT CHANGE [REDACTED]
INTERNAL ROADS NOT CLEARED OF SNOW.

25X9

AIRCRAFT -- 19 BADGER ON HARDSTANDS AND APRONS,
6 BLINDER ON HARDSTANDS [REDACTED]
AREA, AND APPROXIMATELY 20 UNIDENTIFIED FIGHTER-TYPE
AT WEST END OF FIELD.

25X1D [REDACTED]

TOP SECRET CHESS RUFF

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25X1A [REDACTED] STRYY AIRFIELD 4914N 02348E.
AIRCRAFT -- AT LEAST 10 POSSIBLE FIGHTERS AND
25 MEDIUM SWEEP-WING AIRCRAFT.

25X1D [REDACTED]

25X1A [REDACTED] BELAYA AIRFIELD 5254N 10335E
RUNWAY AND TAXIWAYS CLEARED OF SNOW.
AIRCRAFT -- AT LEAST 45 MEDIUM SWEEP-WING AND 18 SMALL
PROBABLE FIGHTER-TYPE AIRCRAFT ON WEST PARKING APRON.

25X1D [REDACTED]

25X1A [REDACTED] KALININGRAD/PROVEREN AIRFIELD 5446N 02025E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

AIRCRAFT -- 31 UNIDENTIFIED MEDIUM SWEEP-WING JETS.

25X1D [REDACTED]

25X1A [REDACTED] BELAYA TSEKOV AIRFIELD 4947N 03001E

AIRCRAFT -- 36 PROBABLE BADGER ON HARDSTANDS AND ALONG
EDGE OF LOOP TAXIWAY, ONE LARGE UNIDENTIFIED AIRCRAFT
ON HARDSTAND AT NE END OF FIELD, AND ONE PROBABLE
BADGER ON SW END OF RUNWAY.

RUNWAY AND TAXIWAYS CLEARED OF SNOW.

25X1D [REDACTED]

25X1A [REDACTED] ZHITOMIR/SKOMOROKHI AIRFIELD 5010N 02844E

25X9 [REDACTED]
RUNWAY APPEARS COMPLETE. NORTHERN CRUCIFORM BUILDING
NOW APPEARS EARTH COVERED. INTERNAL ROADS AND SERVICE
ROAD FROM AIRFIELD ARE SNOW COVERED. RUNWAY AND
TAXIWAYS CLEARED OF SNOW.

TOP SECRET CHESS RUFF

NPIC/R-391/63

AIRCRAFT -- ONE STRAIGHT-WING AND 26 SWEPT-WING ON
HARDSTANDS, AND 2 SWEPT-WING IN HANGAR AREA.

25X1D [REDACTED]

25X1A [REDACTED]

ALEKSEYEVKA AIRFIELD 4915N 14014E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

RUNWAY CLEARED OF SNOW.

AIRCRAFT -- 46 BADGER AND 3 MEDIUM STRAIGHT-WING
ON HARDSTANDS AND ALERT APRON.

25X1D [REDACTED]

25X1A [REDACTED]

OSTROV/GOROKHOVKA AIRFIELD 5718N 02826E

NO APPARENT CHANGE IN ASM FACILITIES SINCE

25X1D [REDACTED]

25X9 [REDACTED]

HANDLING FACILITIES
OBSERVED. NO EVIDENT CHANGE IN CONSTRUCTION AREA
SINCE [REDACTED]

25X1D [REDACTED]

AIRCRAFT -- APPROXIMATELY 30 UNIDENTIFIED MEDIUM
AIRCRAFT ON APRONS AND HARDSTANDS ALONG TAXIWAY.

25X1D [REDACTED]

25X1A [REDACTED]

PEIPING AIRFIELD CENTRAL (CHINA) 4004N 11635E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D [REDACTED]

THIRTEEN PROBABLE AIRCRAFT OBSERVED. HAZE PRECLUDES
DETAILED INTERPRETATION.

25X1D [REDACTED]

TOP SECRET CHESS RUFF

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25X1A [REDACTED] PEIPING/NAN-YUAN AIRFIELD (CHINA) 3948N 11623E
IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] LAN-TIEN-CHANG AIRFIELD (CHINA) 3958N 11615E
IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] TUNG-HSIEN AIRFIELD (CHINA) 3948N 11642E
IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED] CHO-HSIEN AIRFIELD (CHINA) 3928N 11559E
IDENTIFICATION ONLY.

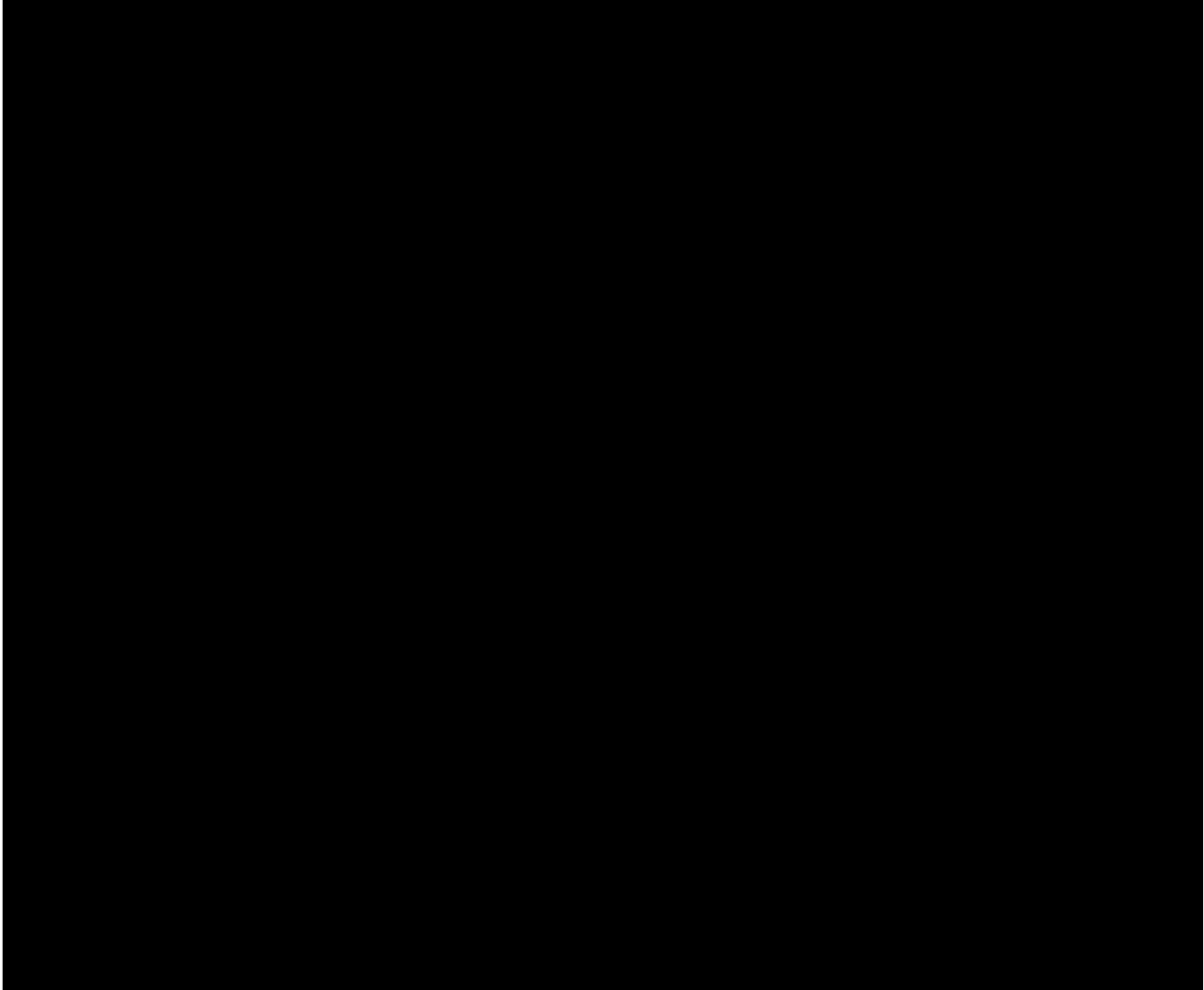
25X1D [REDACTED]

25X2 [REDACTED]

25X2

TOP SECRET CHESS RUFF

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25X2

NAVEL ACTIVITY

25X1A

[REDACTED] MAGADAN PORT FACILITIES NAGAYEVO 5934N 15043E

NO MERCHANT OR NAVAL VESSELS OBSERVED. NO SUBMARINE
SUPPORT FACILITIES OBSERVED WITHIN 10-NM RADIUS OF

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-391/63

MAGADAN/NAGAYEVO.

TWO ICE-FREE CHANNELS OBSERVED IN THE PORT AREA.

25X1D [REDACTED]

25X1A [REDACTED]

GDYNIA NAVAL BASE OKSYWIE (POLAND) 5432N 01833E

NO NAVAL VESSELS IDENTIFIABLE IN CLOUD-FREE AREAS.

CLOUD COVER PRECLUDES INTERPRETATION OF SUPPORT FACILITIES.

25X1D [REDACTED]

25X2 [REDACTED]

MILITARY ACTIVITY

25X1A [REDACTED]

LU-PIN, MILITARY ACTIVITY (CHINA) 4935N 11726E

NO APPARENT CHANGE IN FACILITIES AROUND LU-PIN.

TWO NEW SMALL AREAS OF POSSIBLE BARRACKS CONSTRUCTION ARE LOCATED AT 49-47N 117-20E, AND AT 49-45N 107-22E, 12 AND 10 NM NNW OF LU-PIN IN THE USSR.

25X1D [REDACTED]

TOP SECRET CHESS RUFF

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INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST, BY TARGET NUMBER, OF ALL COMOR TARGETS REVIEWED DURING THE SCAN OF MISSION 9062. THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF OAK 9062 IN WHICH THE TARGET WAS REPORTED. THE LETTERS NO IN THE OAK COLUMN INDICATE THAT THE TARGET WAS NOT OBSERVED DUE TO ADVERSE WEATHER OR OTHER CONDITIONS, AND THE LETTERS NC INDICATE THAT THE TARGET WAS NOT COVERED BY THE PHOTOGRAPHY.

COMOR	INSTALLATION NAME	COORDINATES	OAK
	PLESETSK ICBM COMPLEX	6256N 04039E	NC
	YURYA ICBM COMPLEX	5903N 04919E	II
	VERKHNYAYA SALDA ICBM COMPLEX	5802N 06023E	II
	TYURATAM MISSILE TEST CENTER	4550N 06318E	I
	YOSHKAR-OLA ICBM COMPLEX	5634N 04801E	I
	SVOBODNYI ICBM COMPLEX	5146N 12807E	I
	DROVYANAYA ICBM COMPLEX	5132N 11301E	II
	KOSTROMA ICBM COMPLEX	5746N 04101E	NO
	ITATKA ICBM COMPLEX	5650N 08536E	I
	SHADRINSK ICBM COMPLEX	5608N 06341E	II
	OMSK ICBM COMPLEX	5503N 07330E	NO
	VOZZHAYEVKA SUSPECT ICBM AREA	5044N 12842E	II
	PERM ICBM COMPLEX	5742N 05619E	NO
	TEYKOVO ICBM COMPLEX	5652N 04035E	NO
	TYUMEN ICBM COMPLEX	5652N 06553E	II
	YEDROVO ICBM COMPLEX	5751N 03341E	NO
	GLADKAYA ICBM COMPLEX	5605N 09213E	II
	BRATSK, SUSPECT SSM AREA	5605N 10148E	NC
	NOVOSIBIRSK ICBM COMPLEX	5516N 08257E	I
	KOZELSK ICBM COMPLEX	5357N 03548E	NO
	MERCHINSK, SUSPECT SSM AREA	5158N 11635E	II
	OLOVYANNAYA ICBM COMPLEX	5048N 11550E	II
	KOVLKIND SUSPECT ICBM AREA	5402N 04356E	NO
	MAZANKA MRBM LAUNCH SITE	4454N 03420E	NC
	VINNITSA MRBM LAUNCH SITE	4917N 02820E	II
	TALLINN SUSPECT SSM AREA	5924N 02444E	NC
	GVARDEYSK MRBM LAUNCH SITE 2	5445N 02109E	II
	SLEDYUKI POSSIBLE MRBM LAUNCH SITE	5341N 03020E	NO
	UZHGOROD MRBM LAUNCH SITE	4833N 02213E	NC
	LENINAKAN/YEREVAN SUSPECT MRBM AREA	4048N 04350E	NC
	SLAVSK MRBM LAUNCH SITE 2	5500N 02129E	II
	ZNAMENSK MRBM LAUNCH SITE 1	5433N 02111E	II

25X1A

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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25X1A

GUSEV MRBM LAUNCH SITE 1	5441N 02205E II
OVRUCH MRBM LAUNCH SITE 1	5117N 02816E II
KOROSTEN MRBM LAUNCH SITE 1	5051N 02818E II
YELSK MRBM LAUNCH SITE 1	5142N 02912E II
BALTA MRBM LAUNCH SITE 1	4801N 02933E NC
BORKHOV MRBM LAUNCH SITE 1	5218N 03043E NO
JONAVA MRBM LAUNCH SITE	5501N 02414E II
VORU MRBM LAUNCH SITE 2	5749N 02650E II
VEPRIAI MRBM LAUNCH SITE	5508N 02438E II
SIMUNA MRBM LAUNCH SITE	5908N 02626E NC
GRESK MRBM LAUNCH SITE 1	5314N 02742E II
YEREVAN SUSPECT MRBM AREA	4011N 04430E NC
TAPA SUSPECT MISSILE AREA	5916N 02558E NO
RAGNIT MRBM LAUNCH SITE	5501N 02211E II
LIDA MRBM LAUNCH SITE 1	5347N 02521E II
VSELYUB MRBM LAUNCH SITE 1	5346N 02543E II
GROSS STEFFELSDORF, SUSPECT MRBM AREA (CZECH)	4823N 02002E NC
ZIPSER NEUDORF, SUSPECT MRBM AREA (CZECH)	4857N 02034E NC
ZELENA-FRYDEK, SUSPECT MRBM AREA (CZECH)	4941N 01821E NC
RUZOMBEROK, SUSPECT MRBM AREA (CZECH)	4905N 01919E NC
BOZNSKA BYSTRICA, SUSPECT MRBM AREA (CZECH)	4844N 01909E NC
KARA-BABAU IRBM LAUNCH SITE 2	4431N 07758E NO
AKHTYRKA MRBM LAUNCH SITE 1	5015N 03450E II
ZHITOMIR MRBM LAUNCH SITE 1	5004N 02816E II
LIPNIKI MRBM LAUNCH SITE	5112N 02826E II
PETRIKOV MRBM LAUNCH SITE	5210N 02834E II
PETROVSKIY IRBM LAUNCH SITE	5000N 05658E II
KUSHKA, SUSPECT SSM AREA	3516N 06224E NC
BAYRAM ALI SUSPECT SSM AREA	3737N 06212E NC
KOZHANOVICHI MRBM LAUNCH SITE 1	5210N 02751E II
BERDICHEV MRBM LAUNCH SITE	5005N 02822E II
ROZHDESTVENKA MRBM LAUNCH SITE	4547N 13343E I
UGOLNYY MRBM LAUNCH SITE	6446N 17758E NC
URECHYE MRBM LAUNCH SITE	5311N 02758E II
KURDZHIPSKAYA MRBM LAUNCH SITE	4431N 04000E NC
ROGAS, SUSPECT MRBM SITE	5654N 02440E II
KAMENNY MOST IRBM LAUNCH SITE	4758N 03053E II
SAKI, SUSPECT SSM AREA	4507N 03336E II
TAYBOLA IRBM LAUNCH SITE 1	6828N 03315E NC
SKRUNDA IRBM LAUNCH SITE	5635N 02149E II
KARAKHOBDA IRBM LAUNCH SITE	4957N 05651E II
GRANOV IRBM LAUNCH SITE 2	4849N 02929E II
SMORGON IRBM LAUNCH SITE 2	5426N 02618E NO
SEMENOVKA IRBM LAUNCH SITE 1	4758N 03059E II
TAYBOLA IRBM LAUNCH SITE 2	6830N 03323E NC
BOLEKHOV MRBM LAUNCH SITE	4906N 02351E II
KHMELNITSKIY MRBM LAUNCH SITE	4924N 02708E II
STRYY MRBM LAUNCH SITE	4916N 02343E II

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VLADIMIR VOLYNSKIY MRBM LAUNCH SITE	5048N 02442E	II
GURLEVO MRBM LAUNCH SITE	5925N 02852E	NO
OTYNYA MRBM LAUNCH SITE	4847N 02450E	II
ZEMAICIU KALVARIJA MRBM LAUNCH SITE	5601N 02153E	II
BRODY MRBM LAUNCH SITE	5006N 02512E	II
RUDNYA ZLOTINSKAYA MRBM LAUNCH SITE	5104N 02807E	II
SOKAL MRBM LAUNCH SITE	5020N 02426E	II
LIELELEJA MRBM LAUNCH SITE	5624N 02336E	NO
IECAVA MRBM LAUNCH SITE	5633N 02420E	II
KIROVOBAD, SUSPECT SSM AREA	4040N 04620E	II
JABAL HAMZI SSM TEST/LAUNCH FACILITY (EGYPT)	3007N 03037E	I
REDKINO MRBM LAUNCH SITE	5724N 02826E	II
TYM MRBM LAUNCH SITE	3939N 06542E	NC
TAYBOLA IRBM LAUNCH SITE 3	6825N 03329E	NC
NOVOSYSOYEVKA IRBM LAUNCH SITE 2	4407N 13327E	I
SHIRVANSKAYA MRBM LAUNCH SITE	4425N 03954E	NC
TSIRGULIINA MRBM LAUNCH SITE	5749N 02612E	II
SEMENOVKA IRBM LAUNCH SITE 2	4753N 03057E	II
LEBEDIN IRBM LAUNCH SITE 3	5038N 03427E	II
VAINODE IRBM LAUNCH SITE	5628N 02150E	II
GELLI IRBM LAUNCH SITE	4245N 04728E	NO
PARAUL IRBM LAUNCH SITE	4247N 04723E	NO
KAKASHURA IRBM LAUNCH SITE	4239N 04727E	NO
KISHENTSY MRBM LAUNCH SITE	4900N 03013E	II
KALNIK IRBM LAUNCH SITE	4859N 02922E	II
BIKIN, SUSPECT MRBM/IRBM AREA	4649N 13416E	I
NOVOSYSOYEVKA POSSIBLE IRBM LAUNCH SITE	4407N 13325E	NC
KARA-BABAU IRBM LAUNCH SITE 3	4431N 07743E	NO
LEJASCIEMS MRBM LAUNCH SITE 2	5713N 02633E	II
ACHKHOUY-MARTAN MRBM LAUNCH SITE	4310N 04511E	NO
ANASTASYEVKA PROB FIXED FIELD MRBM LAUNCH SITE	4832N 13531E	I
KHMELNITSKIY FIXED FIELD MRBM LAUNCH SITE	4925N 02706E	II
YARMOLINTSY FIXED FIELD MRBM LAUNCH SITE	4912N 02647E	II
KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER	4835N 04545E	NO
PESCHNY ABM SEARCH	5750N 16205E	II
SARY SHAGAN AMM TEST COMPLEX	4602N 07334E	II
CHELKAR FIELD MRBM LAUNCH POINT	4805N 05935E	I
MAKAT PROBABLE FIELD LAUNCH POINT (MRBM)	4758N 05342E	NO
SHUANG-CHENG-TZU MISSILE TEST CENTER (CHINA)	4107N 10020E	NC
KAMCHATKA PENINSULA, SUSPECT ABM AREA	5749N 16026E	I
EMBA MISSILE-ASSOCIATED INSTALLATION	4845N 05804E	II
HAMMAGUIR MISSILE TEST AREA (ALGERIA)	3050N 00305W	II
SHUANG-CHENG-TZU 150 NM IMPACT AREA (CHINA)	4026N 09635E	NC
SHUANG-CHENG-TZU 350 NM IMPACT AREA (CHINA)	4024N 09225E	NC
SHUANG-CHENG-TZU 650 NM IMPACT AREA (CHINA)	4041N 08600E	NC
DNEPROPETROVSK MISSILE DEVELOP PROD CENTER	4826N 03459E	II
ZAGORSK ROCKET ENG TEST FACILITY KRASNOZAVODSK	5627N 03812E	NO
KURUMUCH ROCKET ENGINE TEST FACILITY	5331N 04949E	I

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PERM ARMS PLANT MOTOVILIKHA MOLOTOV 172	5802N 05617E	NO
KRASNOYARSK ARMS PLANT VOROSHILOV 4	5600N 09259E	I
KRASNOYARSK STATIC TEST STAND	5605N 09327E	I
OMSK STATIC TEST FACILITY	5527N 07322E	NC
KHARKOV AREA MISSILE PROD SEARCH	4959N 03614E	II
VORONEZH STATIC TEST FACILITY	5135N 03909E	II
KAZAN AIRCRAFT ENGINE PLANT 16	5551N 04907E	I
RYBINSK AIRCRAFT ENGINE PLANT 36	5803N 03849E	NO
KUTAISI MOTOR VEHICLE PLANT	4216N 04237E	NC
HELWAN MUNITION PLANT 63	2925N 03122E	II
PEIPING RKT ENG TEST FAC CHANG-HSIN-TIEN (CH)	3950N 11608E	I
SARATOV AIRFRAME PLANT 292	5130N 04557E	NO
TBILISI AIR FRAME PLANT 31	4140N 04452E	II
VOLGOGRAD SUSPECT ROCKET ENGINE PLANT	4845N 04430E	NO
YEN-LIANG, FABRICATION PLANT (CHINA)	3439N 10915E	NC
ORENBURG AIRFRAME PLANT 47	5147N 05507E	I
STERLITAMAK AREA, PROB STAT TEST FACILITY	5344N 05558E	NC
UFA PROBABLE STATIC TEST STAND	5459N 05604E	NO
PERM AIRCRAFT ENGINE PLANT STALIN 19	5759N 05615E	NO
BIYSK PROB STATIC TEST FACILITY	5229N 08507E	NC
PERM AREA, PROBABLE STATIC TEST FACILITY	5758N 05549E	NO
KAMENSK-SHAKHTINSKIY PROB STATIC TEST FACILITY	4819N 04016E	NO

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OZERNOY, SSM SEARCH	6624N 17906W	NC
NONGKODJADJAR, RPTD MISSILE SITE (INDONESIA)	0754S 11237E	NC
CHIA-MU-SSU, SUSPECT SSM AREA (CHINA)	4700N 13000E	NO
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	6434N 03949E	NC
SEVEROMORSK SUSPECT MISSILE STORAGE FACILITY	6906N 03328E	NC
KOMSOMOLSK SHIPYARD AMUR 199	5033N 13702E	I
SAYDA GUBA SUBMARINE BASE	6915N 03321E	NC
BALTIYSK NAVAL BASE	5439N 01955E	II
OLENYA GUBA SUBMARINE BASE	6913N 03323E	NC
POLYARNYY NAVAL BASE	6912N 03328E	NC
LITSA BAY SUBMARINE BASE	6926N 03224E	NC
TERIBERKA NAVAL BASE	6910N 03508E	NC
YOKANGA NAVAL BASE AND SHIP REPAIR YARD	6804N 03932E	NC
PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE	5255N 15830E	NO
VLADIMIR SUBMARINE BASE	4355N 13528E	NO
VLADIVOSTOK NAVAL BASE AND SHIPYARD 202	4306N 13156E	NO
KALININGRAD SUSPECT NAVAL MISSILE STORAGE FAC	5450N 02028E	II
URA GUBA NAVAL BASE	6920N 03249E	NC
DOLGAYA NAVAL BASE	6915N 03350E	NC
PALA GUBA NAVAL BASE AND SHIP REPAIR YARD	6912N 03326E	NC
PETROVKA SHIPYARD	4307N 13220E	NO
STRELOK STRAIT NAVAL BASE ANNA	4252N 13232E	I
VOSTOK BAY NAVAL BASE LIVADIYA	4252N 13241E	I

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ABREK BAY NAVAL MISSILE SUPPORT FACILITY	4255N	13225E	I
DUNAY PROBABLE NAVAL MISSILE STORAGE	4256N	13220E	I
SOVETSKAYA GAVAN NAVAL BASE AND SHIPYARD 263	4858N	14017E	I
SVYATOLY NOS MYS POSS NAVAL MSLE SUPPORT BASE	6810N	03945E	NC
MOSCOW SUSPECT ABM AREA	5545N	03737E	I
LENINGRAD PROBABLE AMM AREA	5955N	03020E	I
CHITA AREA, SURFACE-TO-AIR MISSILE ACTIVITY	5254N	11332E	I
KOMSOMOLSK, SUSPECT ABM AREA	5200N	13700E	I
BRATSK, SUSPECT ABM AREA	5654N	10030E	NC
CHOKURDAKH, SUSPECT ABM AREA	7037N	14753E	NC
MYS SHMIDTA, SUSPECT ABM AREA	6853N	17924W	NC
KHATANGA, SUSPECT ABM AREA	7159N	10230E	NC
KIGILYAKH, SUSPECT ABM AREA	7325N	13959E	NC
TAPA EARLY WARNING RADAR SITE	5919N	02600E	NC
AMDERMA SUSPECT ABM RADAR	6943N	06145E	NC
KOSISTY SUSPECT ABM RADAR	7337N	10945E	NC
ASTRAKHAN POSSIBLE ABM RADAR	4620N	04801E	NO
DIKSON, POSSIBLE ABM RADAR	7331N	08022E	NC
SORTAVALA AREA, EARLY-WARNING RADAR SITE	6153N	03027E	NO
MOSCOW SAM SITE E05-1	5614N	03835E	NO
MOSCOW SAM SITE E33-1	5620N	03648E	NO
MOSCOW SAM SITE E24-1	5521N	03629E	NO
MOSCOW SAM SITE E15-1	5509N	03822E	NO
KALIDJATI AIRFIELD (INDONESIA)	0633S	10740E	NC
KALIDJATI SAM TRAINING CENTER (INDONESIA)	0632S	10739E	NC
HABBANIYAH, SUSPECT SAM AREA (IRAQ)	3225N	04326E	NC
DAHSHUR SAM TRAINING AREA (EGYPT)	2948N	03111E	II
ASTRA KSETRA, POSSIBLE SAM AREA (INDONESIA)	0430S	10515E	NC
SHIH-MEN SAM SITE A32-2 (CHINA)	3805N	11425E	NC
AL ISMAILIYAH, SUSPECT SAM AREA (EGYPT)	3035N	03216E	I
CHUNG-WEI SAM SITE C02-2 (CHINA)	3754N	10517E	NC
HSI-AN SAM SITE (CHINA)	3440N	10859E	NC
PEIPING SAM SITE B26-2 (CHINA)	3951N	11609E	NO
PEIPING SAM SITE B35-2 (CHINA)	4009N	11618E	I
PEIPING SAM SITE B19-2 (CHINA)	3939N	11623E	NO
PEIPING SAM SITE B12-2 (CHINA)	3947N	11641E	NO
AL ISKANDARIYAH SAM SITE (EGYPT)	3118N	03003E	II

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AL ISKANDARIYAH SUSPECT SAM AREA (EGYPT)	3059N	02943E	II
AS SUWAYS SAM SITE B15-2 (EGYPT)	2948N	03241E	NO
RASHID SUSPECT SAM AREA (EGYPT)	3124N	03025E	II
PORT SAID SUSPECT SAM AREA (EGYPT)	3116N	03218E	II
BALTIM SUSPECT SAM AREA (EGYPT)	3133N	03105E	II
FAYID SUSPECT SAM AREA (EGYPT)	3019N	03219E	II
DUMYAT (DAMIETTA) SUSPECT SAM AREA (EGYPT)	3125N	03148E	I

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POTI PROBABLE CRUISE MISSILE LAUNCH SITE	4210N	04139E	NC
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ARKHANGELSK/KHOLM AIRFIELD POSSIBLE ASM SUPT	6421N	04043E	NC
MOZDOK MISSILE SUPPORT FACILITY	4344N	04421E	NO
CHEPELEVKA AIRFIELD	4947N	03026E	II
DOLON AIRFIELD	5032N	07912E	NC
ENGELS AIRFIELD	5129N	04611E	I
SIAULIAI AIRFIELD	5553N	02323E	II
UKRAINA AIRFIELD	5110N	12826E	II
BORZYA AIRFIELD NORTHWEST	5024N	11623E	II
BARANOVICHI AIRFIELD	5306N	02603E	II
MINSK/MACHULISHCHE AIRFIELD	5347N	02734E	NO
OLENYA AIRFIELD	6809N	03327E	NC
STRYY AIRFIELD	4914N	02348E	II
SREDNIY AIRFIELD	7930N	09110E	NC
NORILSK AIRFIELD	6919N	08756E	NC
GOFMANA AIRFIELD	8116N	06015E	NC
NAGURSKAYA AIRFIELD	8047N	04733E	NC
BELAYA AIRFIELD	5254N	10335E	II
BYKHOV AIRFIELD	5331N	03012E	NO
MOZDOK AIRFIELD	4347N	04436E	NO
PITU AIRFIELD (INDONESIA)	0202N	12819E	NC
KALININGRAD/PROVEREN AIRFIELD	5446N	02025E	II
PRILUKI AIRFIELD	5034N	03219E	I
POLTAVA AIRFIELD	4937N	03430E	I
ORSHA AIRFIELD SOUTHWEST	5426N	03018E	NO
BELAYA TSEKOV AIRFIELD	4947N	03001E	II
RYAZAN/DYAGILEVO AIRFIELD	5439N	03935E	NO
ZHITOMIR/SKOMOROKHI AIRFIELD	5010N	02844E	II
NEZHIN AIRFIELD	5105N	03152E	NO
ANISOVO GORODISHCHE AIRFIELD	5414N	03422E	NO
GOMEL/PRIBYTKI AIRFIELD	5218N	03110E	NC
BOBRUYSK AIRFIELD	5306N	02912E	NC
ANADYR/LENINKA AIRFIELD	6442N	17742E	NC
ALEKSEYEVKA AIRFIELD	4915N	14014E	II
OSTROV VRANGELYA/SOMNITELNAYA AIRFIELD	7057N	17936W	NC
MELITOPOL AIRFIELD	4653N	03518E	NO
MIRGOROD AIRFIELD	4956N	03339E	I
USSURIYSK/VOZDVIZHENKA AIRFIELD	4355N	13156E	NO
ARTEM AIRFIELD NORTH	4323N	13209E	NO
OSTROV/GOROKHOVKA AIRFIELD	5718N	02826E	II
RAMENSKOYE AIRCRAFT EXPERIMENTAL PLANT	5535N	03807E	NO
KERCH/BAGEROVO AIRFIELD	4524N	03616E	NC
FU-CHIN AIRFIELD WEST (CHINA)	4712N	13156E	NO
KU-CHENG AIRFIELD (CHINA)	3730N	11606E	NC
LAN-KANG AIRFIELD (CHINA)	4415N	12923E	NO
LIN-TUNG AIRFIELD (CHINA)	3423N	10907E	NC
PEIPING AIRFIELD CENTRAL (CHINA)	4004N	11635E	II
PEIPING/NAN-YUAN AIRFIELD (CHINA)	3948N	11623E	II

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LAN-TIEN-CHANG AIRFIELD (CHINA)	3958N 11615E	II
SHIH-MEN AIRFIELD (CHINA)	3805N 11425E	NC
TUNG-HSIEN AIRFIELD (CHINA)	3948N 11642E	II
WEN-CHUN AIRFIELD NORTHEAST (CHINA)	4427N 12932E	NO
YEN-CHI AIRFIELD NORTH (CHINA)	4254N 12933E	NO
LA-LIN AIRFIELD (CHINA)	4514N 12653E	NO
HSI-AN AIRFIELD (CHINA)	3415N 10854E	NC
NAGCHHU DZONG AIRFIELD (TIBET)	3133N 09143E	NC
LHASA AIRFIELD (TIBET)	3030N 09107E	NC
HO-TIEN AIRFIELD (CHINA)	3701N 07952E	NC
SO-CHE AIRFIELD (CHINA)	3825N 07717E	NC
PYONGYANG AIRFIELD EAST (NORTH KOREA)	3901N 12550E	NC
HWANGJU AIRFIELD (2) (NORTH KOREA)	3839N 12548E	NC
HOEMUN-DONG AIRFIELD (NORTH KOREA)	4125N 12939E	NC
CHANG-TU AREA, AIRFIELD (TIBET)	3120N 09756E	NC
TA-ERH-TING AIRFIELD (CHINA)	3712N 09238E	NC
HSI-CHANG AIRFIELD (CHINA)	2755N 10213E	NC
PU-LI AIRFIELD (CHINA)	3745N 07515E	NC
KA-ERH-MU AIRFIELD (CHINA)	3645N 09533E	NC
CHIA-YU-KUAN AIRFIELD (CHINA)	3951N 09823E	NC
SEMPLAK AIRFIELD (INDONESIA)	0632S 10645E	NC
GELLING AIRFIELD (INDIA)	2859N 09453E	NC
LI-MA AREA, LANDING STRIP (TIBET)	2834N 09705E	NC
YU-SHU AIRFIELD (CHINA)	3255N 09647E	NC
KOYUL AIRFIELD (INDIA)	3236N 07912E	NC
ASTRAKHAN AIRFIELD NORTHWEST	4625N 04755E	NO
YEN-CHI AIRFIELD SOUTH (CHINA)	4253N 12927E	NO
CHO-HSIEN AIRFIELD (CHINA)	3928N 11559E	II
YEN-LIANG AIRFIELD (CHINA)	3439N 10916E	NC

25X2

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PECHENGA NAVAL BASE LYNAKHAMARI	6939N	03122E	NC
ODESSA NAVAL BASE AND SHIPYARD MARTI	4629N	03044E	NC
CHAN-CHIANG NAVAL BASE (CHINA)	2112N	11025E	NC
MAGADAN PORT FACILITIES NAGAYEVO	5934N	15043E	II
CHONGJIN, SUSPECT NAVAL ACTIVITY (NORTH KOREA)	4146N	12949E	NC
TALLINN NAVAL BASE & SHIPYARD MORSKOY ZAVOD	5927N	02444E	NO
KLAIPEDA NAVAL BASE AND SHIPYARD	5542N	02108E	I
GDYNIA NAVAL BASE OKSYWIE (POLAND)	5432N	01832E	II
MKOLAYEV SHIPYARD NORTHERN 61 KOMMUNA 445	4658N	03200E	I
AMBDINA PORT FACILITIES (INDONESIA)	0342S	12812E	NC
BATUMI NAVAL BASE & SHIPYARD DZERZHINSKIY	4139N	04138E	NC
NOVOROSIYSK NAVAL BASE	4443N	03746E	NC
CHINNAMPO NAVAL BASE (NORTH KOREA)	3843N	12524E	NC

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BARANOVKA, SUSPECT ELECTRONICS FACILITY	4648N	13721E	NC
ANADYR, SUSPECT ELECTRONICS FACILITY	6444N	17728E	NC
SAMODED, SUSPECT COMMUNICATIONS FACILITY	6336N	04028E	NC
LAPICHI AREA, COMMO SITE UNDER CONSTRUCTION	5325N	02831E	NO
HUN-CHUN AIRFIELD SOUTHWEST (CHINA)	4250N	13018E	NO
SHUANG-CHENG-TZU COMMUNICATIONS SITE (CHINA)	4207N	10103E	NC
PYONGYANG/SADONG AREA, MILITARY INSTAL (KN)	3900N	12550E	NC
TUNG-AN, MILITARY AREA (CHINA)	4532N	13152E	NC
LU-PIN, MILITARY ACTIVITY (CHINA)	4935N	11726E	II
TU-KO-MA-CHING TEST RANGE (CHINA)	4051N	10941E	NC
PEIPING COMPLEX (CHINA)	3955N	11623E	I
CHIA-MU-SSU COMPLEX (CHINA)	4649N	13022E	NO
HSI-AN COMPLEX (CHINA)	3417N	10857E	NC
PAO-TOU COMPLEX (CHINA)	4036N	11001E	NC
MU-TAN-CHIANG COMPLEX (CHINA)	4435N	12936E	NO
HOENYONG (HOERYONG) COMPLEX (NORTH KOREA)	4226N	12945E	NO
SANGSAMBONG COMPLEX (NORTH KOREA)	4241N	12947E	NO
HUN-CHUN COMPLEX (CHINA)	4252N	13021E	NO
CHONGJIN AREA, MILITARY INSTALL (NORTH KOREA)	4146N	12946E	NC
TUNG-NING COMPLEX (CHINA)	4401N	13114E	NO
MU-LENG COMPLEX (CHINA)	4432N	13014E	NO
NORILSK COMPLEX	6920N	08812E	NC
ANADYR COMPLEX	6444N	17731E	NC
MYS SHMIDTA COMPLEX	6854N	17927W	NC
CHING-YANG, HYDROELECTRIC POWER PLANT (CHINA)	3431N	10852E	NC
LOP NOR CIRCULAR GROUND SCAR (CHINA)	4045N	08940E	NC
SHESTOVO, POSSIBLE MISSILE ASSOCIATED INSTAL	6258N	04011E	NC
SHESTOVO, POSSIBLE MISSILE ASSOCIATED INSTAL	6257N	04013E	NC

25X1E

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25X1A

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 CHAADAYEVKA, SUSP MISSILE-ASSOCIATED ACTIVITY 5307N 04602E NO

TOP SECRET CHESS RUFF

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NPIC R-391/63
ATTACHMENT 1



LAUNCH AREA D, GLADKAYA ICBM COMPLEX, USSR.

NPIC R-391/63

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NPIC R-391 63
ATTACHMENT 2



LAUNCH AREA E, GLADKAYA ICBM COMPLEX, USSR.

NPIC H-0592 (12 63)

TOP SECRET CHESS RUFF

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ATTACHMENT 3



LAUNCH AREA C, OLOVYANNAYA ICBM COMPLEX, USSR.

NPIC H-8593 (12/63)

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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ATTACHMENT 4



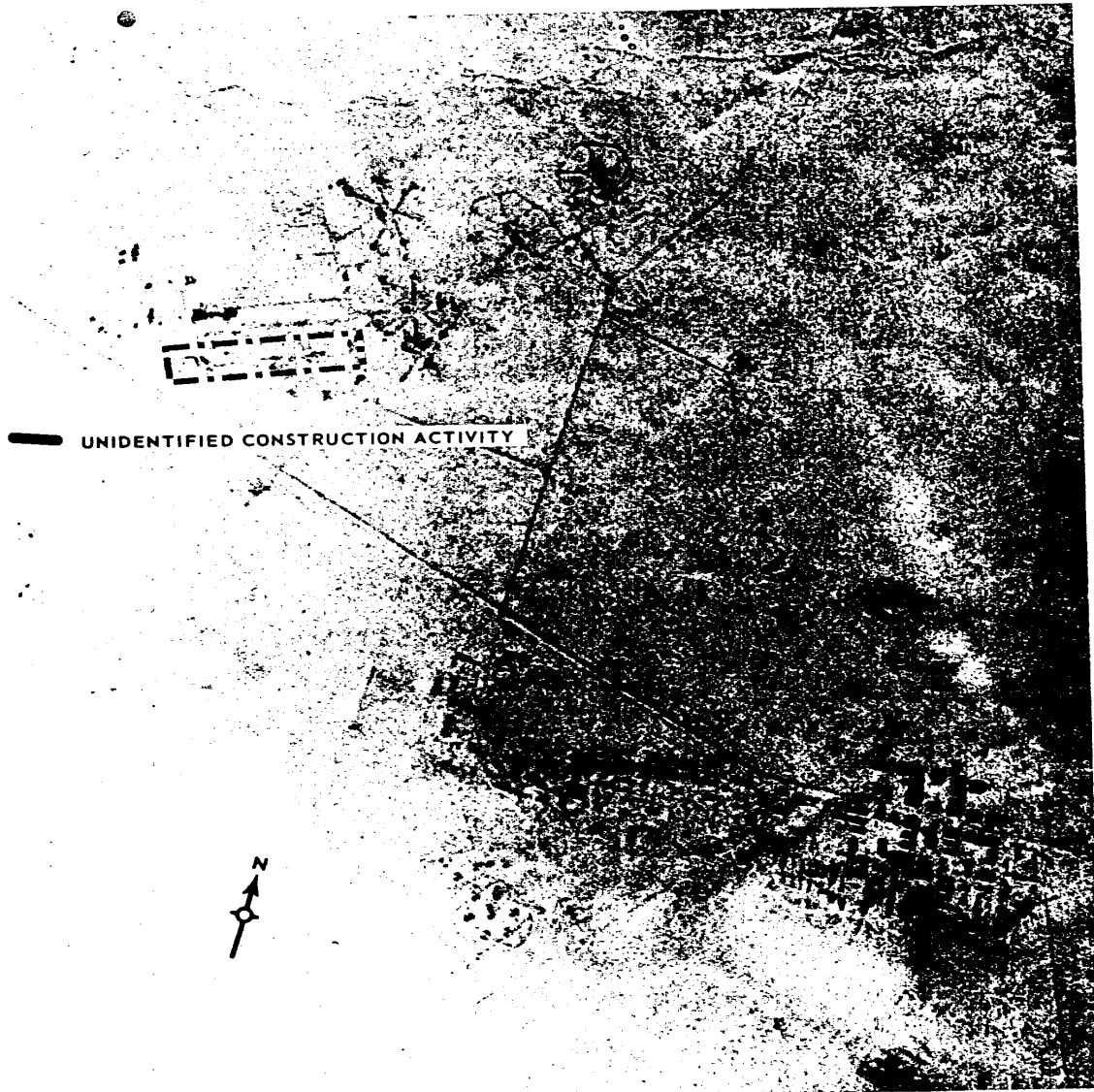
INSTRUMENTATION SITE 13, SARY SHAGAN AMM TEST COMPLEX, USSR.

NPIC H-6504 112 037

TOP SECRET CHESS RUFF

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NPIC R-391/63
ATTACHMENT 5



LAUNCH COMPLEX A, SARY SHAGAN AMM TEST COMPLEX, USSR.

NPIC H-6598 112 631

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TOP SECRET CHESS RUFF

NPIC/R-391/63
ATTACHMENT 6



LAUNCH COMPLEX A, SARY SHAGAN AMM TEST COMPLEX, USSR.

NPIC H-0398 112/63

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC/R-391/63
ATTACHMENT 7



INSTRUMENTATION SITE 1, SARY SHAGAN AMM TEST CENTER, USSR.

NPIC H-6597 112 631

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

NPIC R-391.63
ATTACHMENT 8



DNEPROPETROVSK MISSILE DEVELOPMENT AND PRODUCTION CENTER, USSR.

NPIC H-6598 (12/83)

TOP SECRET CHESS RUFF