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March 1965

PHOTOGRAPHIC INTERPRETATION REPORT

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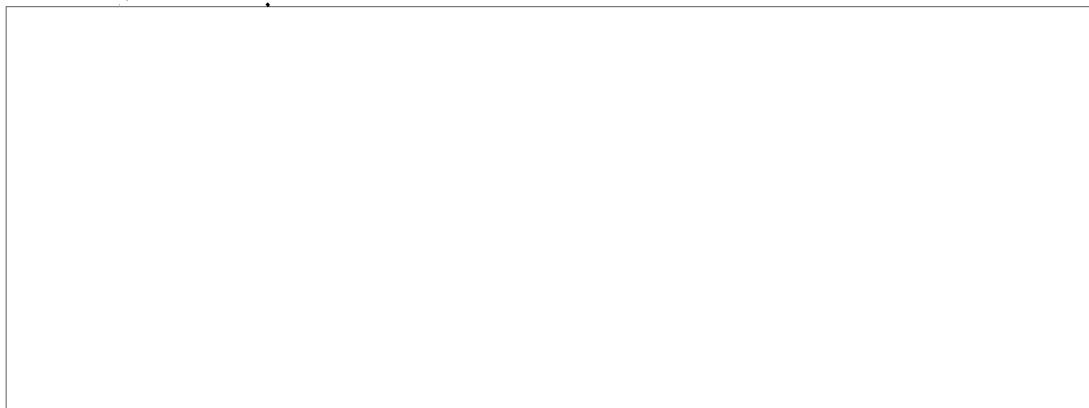
OAK - PART II
MISSION 4016
13-16 MARCH 1965



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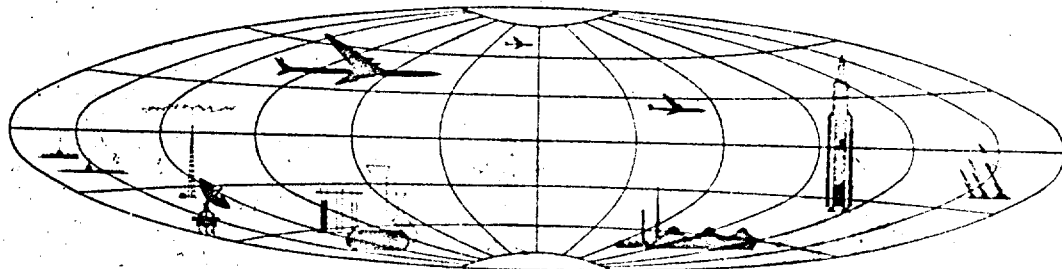


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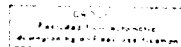


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TOP SECRET





TOP SECRET CHESS RUFF
MISSION 4016 13-16 MARCH 1965



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OAK - PART II
MISSION 4016

PREFACE

THIS IS THE SECOND OF SEVERAL OAK REPORTS ON MISSION 4016 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

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

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 INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.



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Highlights

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HIGHLIGHTS1. PETROVSKIY IRBM LAUNCH SITE

DECEPTIVE MEASURES OBSERVED IN LAUNCH SITE INCLUDE DUMMY TANKS ON EACH OF THE THREE SILO COVERS. THREE SMALLER TANK-LIKE OBJECTS ARE ARRANGED IN A ROW IMMEDIATELY WEST OF SILOS AND A FOURTH IS POSITIONED IN LINE WITH THE SILOS.

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2. VORONEZH ROCKET ENGINE TEST FACILITY

THREE OF THE BLAST PITS AT THE 4 HORIZONTAL TEST CELLS IN THE OLDER PORTION OF THE FACILITY SHOW EVIDENCE OF RECENT TEST ACTIVITY.

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3. OLENEGORSK DUAL HEN HOUSE-TYPE STRUCTURE

THIS MISSION PROVIDES THE BEST COVERAGE TO DATE OF THE OLENEGORSK DUAL HEN HOUSE-TYPE STRUCTURE, AND FOR THE FIRST TIME PROVIDES A VIEW OF THE 2 ANTENNA FACES, WHICH ARE BLACK IN TONE. ROWS OF CRATES, PROBABLY FOR CONSTRUCTION MATERIAL, ARE NEWLY OBSERVED IN OPEN STORAGE NORTH AND NW OF THE 2 LINEAR STRUCTURES.

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4. SCHWERIN SAM SITE (MISSILE BONUS)

A COMPLETED SA-2 SAM SITE IS NEWLY IDENTIFIED 6 NM SSE OF SCHWERIN AT 53-32-00N 011-26-45E.

5. ULAN-UDE AIRCRAFT ASSEMBLY PLANT 99

THE BUILDING REPORTED UNDER CONSTRUCTION ON JAN 65 APPEARS COMPLETE. FOOTINGS IMMEDIATELY EAST OF THE BUILDING INDICATE FUTURE CONSTRUCTION.

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6. KUN-MING AIRFIELD

AIRCRAFT OBSERVED INCLUDE 2 FISHBED, 3 FARMER, 3 FAGOT, 23 FRESCO, 3 FAGOT/FRESCO, 1 FAGOT/FRESCO WITHOUT TAIL ASSEMBLY, 6 CRATE, 1 CAB, AND 1 COLT/CREEK.

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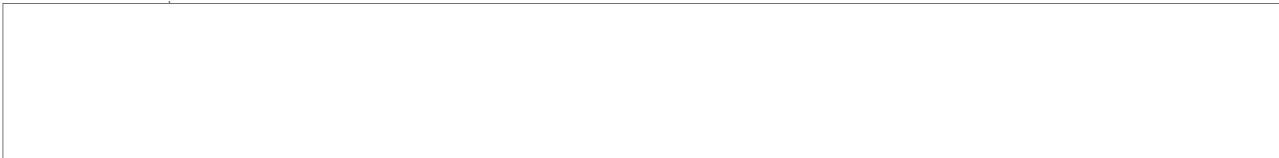


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9. MYS KEKURSKIY TALL KING RADAR 

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A TALL KING RADAR SITE IS NEWLY IDENTIFIED 2 NM WSW OF MYS KEKURSKIY AT 69-55N 031-57E.



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STATUS OF COMOR TARGET READOUT

NINETY-FIVE COMOR TARGETS WERE OBSERVED DURING THE OAK REPORTING PERIOD AND ARE CONTAINED IN THIS OAK.

NOTE -- COMOR TARGETS OUTSIDE THE KH-7 SYSTEM ARE INDICATED BY THE ABSENCE OF THE M PREFIX.



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Missiles



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MISSILES

UZHUR ICBM LAUNCH AREA B (SITE 2)
IDENTIFICATION ONLY.

UR 5518N 08938E



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UZHUR ICBM LAUNCH AREA C (SITE 3)
IDENTIFICATION ONLY.

UR 5520N 08933E



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UZHUR ICBM LAUNCH AREA D (SITE 4)
IDENTIFICATION ONLY.

UR 5517N 08926E



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UZHUR ICBM LAUNCH AREA F (SITE 6)
IDENTIFICATION ONLY.

UR 5525N 08939E



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UZHUR ICBM LAUNCH AREA G (SITE 7)
IDENTIFICATION ONLY.

UR 5522N 08927E



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UZHUR ICBM LAUNCH AREA 1 (SITE 9)
IDENTIFICATION ONLY.

UR 5513N 08921E



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KOZELSK ICBM LAUNCH AREA A (SITE 3)
NO SIGNIFICANT CHANGE SINCE

UR 5354N 03544E
MAR 64.



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KOZELSK ICBM LAUNCH AREA B (SITE 2) UR 5348N 03547E
NO SIGNIFICANT CHANGE SINCE [REDACTED] MAR 64.



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KOZELSK ICBM LAUNCH AREA D (SITE 4) UR 5353N 03551E
NO SIGNIFICANT CHANGE SINCE [REDACTED] MAR 64.



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KOZELSK ICBM LAUNCH AREA E (SITE 5) UR 5351N 03541E
NO SIGNIFICANT CHANGE SINCE [REDACTED] JUN 64.



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KOZELSK ICBM LAUNCH AREA F (SITE 6) UR 5340N 03538E
NO SIGNIFICANT CHANGE SINCE [REDACTED] OCT 64.



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KOZELSK ICBM SUSPECT LAUNCH AREA UR 5344N 03538E
THIS AREA IS NOT MISSILE ASSOCIATED.



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TORVA MRBM LAUNCH SITE 2 UR 5759N 02605E

AN HF COMMUNICATIONS FACILITY CONSISTING OF 5 CLEARINGS AND A CONTROL BUILDING IS UNDER CONSTRUCTION APPROXIMATELY 3,500 FT SE OF THE LAUNCH SITE AND IMMEDIATELY SOUTH OF THE ADMINISTRATION AND HOUSING SECTION.

THERE ARE 3 VEHICLES POSITIONED AT THE NE PAD, AND 3 PROBABLE MISSILE TRANSPORTERS AND AT LEAST 6 OTHER VEHICLES ON THE LOOP ROAD AT THE LAUNCH SITE. AT LEAST 12 VEHICLES/PIECES OF EQUIPMENT ARE IN A SECURED AREA IMMEDIATELY SOUTH OF THE LAUNCH SITE. A ROW OF 6 STORAGE TANKS, 5 MISSILE TRANSPORTERS AND PRIME MOVERS,

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AND 5 OTHER VEHICLES/PIECES OF EQUIPMENT CAN BE SEEN IN THE TECHNICAL SECTION. NO APPARENT CHANGE IN THE HOUSING AND ADMINISTRATION SECTION [REDACTED] SINCE [REDACTED] JUL 64. AT LEAST 15 VEHICLES ARE PRESENT AT THE WARHEAD FACILITY. NO CHANGE IN ESTABLISHED MENSURATION.

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PETROVSKIY IRBM LAUNCH SITE

UR 5000N 05658E



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COMPLETED LAUNCH AREA CONSISTS OF A HARD LAUNCH SITE, A RIM FACILITY, AND A SITE SUPPORT FACILITY. THE LAUNCH SITE IS DOUBLE-FENCED AND CONTAINS 3 SILOS, EACH IN THE CLOSED POSITION. ON EACH OF THE 3 SILO COVERS IS A CYLINDRICAL, CONICAL-TOPPED OBJECT RESEMBLING A POL STORAGE TANK. IN A FOURTH POSITION, COMPLETING A SQUARE WITH THE 3 SILO POSITIONS, IS A SMALLER TANK-LIKE OBJECT. THREE SIMILAR TANK-LIKE OBJECTS ARE ARRANGED IN A ROW IMMEDIATELY WEST OF THE 2 WESTERN SILOS. SEVERAL UNIDENTIFIED VEHICLES ARE ON THE SITE LOOP ROAD PATTERN.

APPROXIMATELY 1,200 FT NORTH OF THE LAUNCH SITE IS A COMPLETED RIM FACILITY CONSISTING OF A SEPARATELY FENCED CLASS B WARHEAD FACILITY AND 2 LARGE DRIVE-IN BUILDINGS POSITIONED AT THE ENDS OF A COMMON DRIVEWAY, APPROXIMATELY 600 FT APART. A THIRD SMALLER DRIVE-IN BUILDING, 600 FT SOUTH, IS MOUNDED. SEVERAL OTHER SMALL BUILDINGS ARE WITHIN THE RIM FACILITY.

NO APPARENT CHANGE IN FACILITIES AT THE SITE SUPPORT FACILITY SINCE [REDACTED] SEVERAL ROWS OF VEHICLES AND 4 PROBABLE TRANSPORTERS ARE VISIBLE ON PARKING APRONS NEAR 2 LARGE GARAGES.

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A FENCED RAIL-TO-ROAD TRANSFER POINT, APPROXIMATELY 16 NM NE, CONSISTS OF A LOOP ROAD PATTERN ALONGSIDE A RAIL SIDING AND AT LEAST 2 LARGE WAREHOUSES.

(SEE ATTACHMENT)



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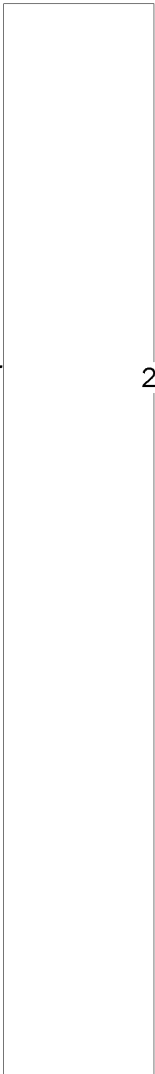


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KIVERTSY FIXED FIELD MRBM SITE

UR 5050N 02524E

SITE IS SNOW COVERED AND INACTIVE. FIFTEEN VEHICLE REVETMENTS ARE VISIBLE IN THE AREA -- 8 NEAR THE LAUNCH PADS AND 7 IN THE ADJACENT CLEARING TO THE SOUTH. NO PERMANENT STRUCTURES ARE VISIBLE IN THE AREA. NO CHANGES IN ESTABLISHED MENSURATION.



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VALGA FIXED FIELD MRBM LAUNCH SITE

UR 5750N 02554E

NO CONSTRUCTION OR CHANGE IN FACILITIES OBSERVED SINCE JUL 64. THREE UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT IN A CLEARING WEST OF THE SOUTHERNMOST PAD ARE THE ONLY SIGN OF ACTIVITY AT THIS SITE.



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VORONEZH ROCKET ENGINE TEST FACILITY

UR 5134N 03908E

CONSTRUCTION CONTINUES ON THE 2 ROAD-SERVED, VERTICAL TEST STANDS IN THE NEWER PORTION OF THE FACILITY. CONSTRUCTION ACTIVITY IS ALSO APPARENT IMMEDIATELY SE OF THESE STANDS. THREE OF THE BLAST PITS AT THE 4 HORIZONTAL TEST CELLS IN THE OLDER PORTION OF THE FACILITY SHOW EVIDENCE OF RECENT TEST ACTIVITY. CONSTRUCTION ACTIVITY NEAR THESE TEST CELLS CONSISTS OF THE FOUNDATIONS FOR A NEW BUILDING TO THE NW AND DITCHES TO THE SE. SEVERAL PIECES OF UNIDENTIFIED EQUIPMENT ARE VISIBLE IN THE FACILITY. THE RAIL SPUR SERVING THE SITE APPEARS OPERATIONAL.

(SEE ATTACHMENT)



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TBILISI AIRFRAME PLANT 31

UR 4140N 04452E

A MEDIUM SIZE RECTANGULAR BUILDING HAS BEEN ADDED IN THE NW CORNER OF THE PLANT AND A SMALL BUILDING WITH A BREAK IN THE ROOF-LINE HAS BEEN ERECTED NEAR THE FIRING BUTT. NO MISSILES OR MISSILE HANDLING EQUIPMENT OBSERVED. NO AIRCRAFT VISIBLE AT THE PLANT.



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BILKI UNIDENTIFIED INSTALLATION' UR 4815N 02258E

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NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OCT 64. NO NEW CONSTRUCTION OR VEHICULAR ACTIVITY APPARENT.

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GUBA OLENYA SUBMARINE BASE UR 6913N 03323E

NO NEW MISSILE STORAGE OR SUBMARINE PENS OBSERVED.

VESSELS -- 3 PROBABLE G-CLASS SSB, 2 PROBABLE SS, 1 POSSIBLE SS, AND 1 UNIDENTIFIED SMALL CRAFT. HAZE AND POOR VESSEL/WATER CONTRAST PRECLUDE FURTHER INTERPRETATION.

(SEE ATTACHMENT)



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POLYARNYY NAVAL BASE UR 6912N 03328E

NO NEW MISSILE STORAGE, MISSILE HANDLING EQUIPMENT, OR SUBMARINE PENS OBSERVED.

VESSELS -- 6 F/Z-CLASS SS, 5 W/R-CLASS SS, 4 PROBABLE F/Z-CLASS SS, 7 UNIDENTIFIED SS, 7 PROBABLE SS, 1 PROBABLE DD, 6 PROBABLE DE, AND NUMEROUS OTHER PROBABLE SURFACE COMBATANTS. POOR VESSEL/WATER CONTRAST PRECLUDES FURTHER INTERPRETATION.

(SEE ATTACHMENT)



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ROSTA NAVAL BASE AND SHIPYARD SEVMORPUT UR 6902N 03304E

HAZE PRECLUDES DETAILED INTERPRETATION OF FACILITIES.

VESSELS -- 6 POSSIBLE SS, 1 PROBABLE CL, AND 2 PROBABLE DD. HAZE AND POOR VESSEL/WATER CONTRAST PRECLUDE FURTHER INTERPRETATION.



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KALININGRAD SUSP NAVAL MISSILE STORAGE

UR 5450N 02028E

7 NM NORTH OF KALININGRAD. STORAGE AND POSSIBLE HANDLING AREA CONTAINS 6 CENTRAL DRIVE-IN BUILDINGS, 2 DRIVE-THROUGH BUNKERED BUILDINGS, 3 DRIVE-THROUGH BUILDINGS, AND 2 OTHER BUILDINGS. AREA IS SECURED AND APPEARS COMPLETE.

PROBABLE EXPLOSIVES STORAGE AREA CONTAINS 5 EARTH-MOUNDED STORAGE BUILDINGS IN SEPARATE CLEARING IN WOODS, 1 DRIVE-IN BUILDING, 1 DRIVE-THROUGH BUILDING, AND NUMEROUS ROAD TUNOFFS. THE AREA IS DOUBLE FENCED, BUT CLEARING ALONG FENCE LINES ON [REDACTED] DEC 63, IS NOW OVERGROWN. NO NEW CONSTRUCTION NOTED. NO NUCLEAR STORAGE IDENTIFIED.

KALININGRAD PORT FACILITIES EAST

UR 5442N 02029E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] SEP 64. NO EVIDENCE OF SHIPS BEING CONVERTED TO MISSILE USE.

VESSELS -- 17 DE/MSF ALONGSIDE QUAYS AND 14 CARGO VESSELS IN SHIPYARD 820, AND 13 CARGO VESSELS IN PORT FACILITY.

GUBA URA NAVAL BASE

UR 6920N 03249E

NO NEW MISSILE STORAGE, MISSILE HANDLING EQUIPMENT, OR POSSIBLE SUBMARINE PENS OBSERVED. SUBMARINE NET VISIBLE ACROSS STRAIT BETWEEN ZELENY ISLAND AND MAINLAND.

VESSELS -- 22 W/R-CLASS SS, 3 PROBABLE W/R-CLASS SS, 1 POSSIBLE W/R-CLASS SS, 1 POSSIBLE SS, 1 TRANSPORTER DOCK OCCUPIED BY 1 POSSIBLE SS, 1 DON-CLASS AS, 1 ATREK-CLASS ASL, AND 2 UNIDENTIFIED AUXILIARIES. POOR CONTRAST PREVENTS FURTHER INTERPRETATION.

(SEE ATTACHMENT)

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[Redacted]

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[Redacted]

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GUBA ARA NAVAL BASE

UR 6922N 03247E

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NO SUBMARINE FACILITIES OR MISSILE OR NUCLEAR WARHEAD FACILITIES OBSERVED ON GOOD QUALITY, SNOW-COVERED, NON-STEREO PHOTOGRAPHY.

VESSELS -- 9 PROBABLE PATROL CRAFT AND 1 UNIDENTIFIED VESSEL. POOR VESSEL/WATER CONTRAST PRECLUDES FURTHER INTERPRETATION.

[Redacted]

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GUBA PALA NAVAL BASE AND SHIP REPAIR YARD UR 6912N 03326E

NO NEW MISSILE STORAGE, MISSILE HANDLING EQUIPMENT, OR SUBMARINE PENS OBSERVED THROUGH HAZE. CONSTRUCTION CONTINUES ON THE BUILDING REPORTED ON [Redacted] MAR 65.

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VESSELS -- 1 PROBABLE G-CLASS SSB, 1 UNIDENTIFIED SS, AND 1 POSSIBLE SS AT NORTHERN PIER AREA, 3 POSSIBLE TRANSPORTER DOCKS, 2 POSSIBLY OCCUPIED, AND 9 UNIDENTIFIED AUXILIARIES. POOR VESSEL/WATER CONTRAST PRECLUDES FURTHER INTERPRETATION.

(SEE ATTACHMENT)

[Redacted]

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BUKHTA ABREK NAVAL MISSILE SUPPORT FAC UR 4255N 13225E

NO APPARENT CHANGE IN FACILITIES SINCE [Redacted] NOV 64. NO MISSILES, MISSILE HANDLING EQUIPMENT, NEW CONSTRUCTION, OR NEW NUCLEAR STORAGE ACTIVITY OBSERVED.

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VESSELS -- 2 SVERDLOV-CLASS CL, 2 KRUPNYY-CLASS DDGS, 1 KYNDA-CLASS DLGM, 1 PROBABLE KILDIN-CLASS DDGS, 3 KRONSHADT-CLASS PC, 2 PROBABLE T-43-CLASS MSF, 2 OSA-CLASS PTFG, 2 PROBABLE OSA-CLASS PTFG, 1 POSSIBLE AO, 1 UNIDENTIFIED POSSIBLE AUXILIARY, AND 3 UNIDENTIFIED SMALL CRAFT.

[Redacted]

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[Redacted]

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SORTAVALA TALL KING AW RADAR FACILITY UR 6153N 03027E

NO APPARENT CHANGE SINCE [REDACTED] MAY 64.

OLENEGORSK DUAL HEN HOUSE-TYPE STRUCTURE UR 6806N 03355E

THIS MISSION PROVIDES THE BEST COVERAGE TO DATE OF THE OLENEGORSK DUAL HEN HOUSE-TYPE STRUCTURE, AND FOR THE FIRST TIME PROVIDES A VIEW OF THE 2 ANTENNA FACES, WHICH ARE BLACK IN TONE. ROWS OF CRATES, PROBABLY FOR CONSTRUCTION MATERIAL, ARE NEWLY OBSERVED IN OPEN STORAGE NORTH AND NW OF THE 2 LINEAR STRUCTURES, INDICATING PROBABLE CONTINUING UNIDENTIFIED CONSTRUCTION ACTIVITY. THE CENTRAL CONTROL BUILDING AND THE 2 LINEAR STRUCTURES APPEAR EXTERNALLY COMPLETE.

THE DUAL HEN HOUSE-TYPE STRUCTURE IS SIMILAR TO THOSE OBSERVED NEAR ANGARSK AND SARY-SHAGAN SITE 13. THE ROAD-SERVED SITE AT OLENEGORSK CONSISTS OF A DOUBLE-FENCED OPERATIONS AREA AND A SUPPORT AREA.

THE OPERATIONS AREA CONSISTS OF A CENTRAL CONTROL BUILDING AND A LINEAR STRUCTURE ON EITHER SIDE OF AND CANTED TO THE CONTROL BUILDING AT AN ANGLE OF APPROXIMATELY 150/210 DEGREES, FORMING A BOWED PATTERN. THE BOWED PATTERN AT THIS SITE IS IN CONTRAST TO THE ANGARSK AND SSATC SITE 13 SITES WHERE THE LINEAR STRUCTURES ON EACH SIDE OF THE CONTROL BUILDING ARE IN LINE. THE NE LINEAR STRUCTURE AT OLENEGORSK IS ORIENTED NE/SW WITH THE ANTENNA FACING TOWARD AN

[REDACTED] THE SW LINEAR STRUCTURE IS ORIENTED NNE/SSW WITH THE ANTENNA FACING [REDACTED] TWO PARALLEL

GROUND SCARS, REPORTED [REDACTED] MAR 65 TO THE NORTH OF THE NE LINEAR STRUCTURE, ARE NO LONGER DISCERNIBLE. THE CRATES NOW OBSERVED IN THIS VICINITY INDICATE THE PREVIOUSLY REPORTED SCARS WERE PROBABLY TRACK ACTIVITY IN THE SNOW. IN ADDITION, 3 SMALL BUILDINGS NEAR THE ACCESS ROAD AND A PROBABLE CRANE TO THE SOUTH OF THE SW LINEAR STRUCTURE ARE NEWLY OBSERVED ON THIS GOOD QUALITY PHOTOGRAPHY.

THE POWER SUBSTATION AT THE SOUTHERNMOST EXTREMITY OF THE SUPPORT FACILITY IS NOW IDENTIFIABLE. POWER LINE POLES, BETWEEN THE SUBSTATION AND THE MAIN POWER TRACE PARALLELING THE MAIN ROAD, ARE NEWLY IDENTIFIED. THERE

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IS AN OPEN TRENCH, PROBABLY FOR BURIED CABLE, BETWEEN THE SUBSTATION AND THE FIRST SMALL BUILDING OF THE OPERATIONS AREA. IN ADDITION THERE IS A SHORT TRENCH AT THE EAST CORNER OF THE CENTRAL CONTROL BUILDING.

THE SUPPORT AREA CONSISTS OF APPROXIMATELY 53 BUILDINGS -- PRIMARILY HOUSING, STORAGE, AND ADMINISTRATION. THE ONLY VISIBLE CHANGE IN THIS AREA SINCE [REDACTED] JUN 64 IS THE ADDITION OF 5 SMALL BUILDINGS.

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(SEE ATTACHMENT)

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DJAKARTA SAM SITE TJILINTJING A06-2

ID 0605S 10656E

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THE SITE, OF AN IRREGULAR CONFIGURATION, CONTAINS 6 REVETTED, OCCUPIED POSITIONS, A REVETTED CENTRAL GUIDANCE AREA, 6 GUIDANCE-RELATED ELECTRONIC VANS, A POSSIBLE FAN SONG GUIDANCE RADAR, 3 POSSIBLY REVETTED, DRIVE-IN MISSILE HOLD POSITIONS, 2 VEHICLE/MAINTAINENCE BUILDINGS, AND 1 OTHER REVETTED BUILDING. THE SITE IS SINGLE FENCED.

THE SITE SUPPORT, APPROXIMATELY 700 FT EAST OF THE CENTER OF THE LAUNCH AREA, IS SINGLE FENCED AND CONSISTS OF 13 BUILDINGS.

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KLAIPEDA SAM SITE A17-3

UR 5537N 02110E

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5. NM SSE OF KLAIPEDA. COMPLETED SA-3 SAM SITE CONTAINS 4 REVETTED, OCCUPIED LAUNCH POSITIONS AND A PROBABLY UNRETTED, OCCUPIED CENTRAL GUIDANCE AREA. SITE PROBABLY UTILIZES SUPPORT FACILITIES OF KLAIPEDA SAM SITE A17-2 WHICH IS IMMEDIATELY SOUTH. NO CHANGE IN ESTABLISHED MENSURATION.

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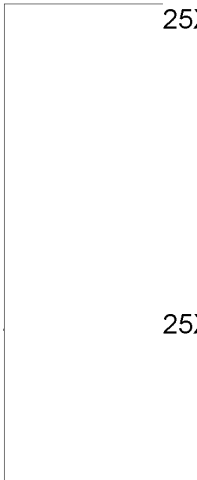


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AS SUWAYS SAM SITE B15-2

EG 2948N 03242E

UNSECURED SITE IS OF LINK CONFIGURATION AND CONTAINS 6 UNOCCUPIED REVETTED LAUNCH POSITIONS, A REVETTED UNOCCUPIED CENTRAL GUIDANCE AREA, 4 DRIVE-IN REVETTED UNOCCUPIED MISSILE HOLD POSITIONS, AND 5 UNOCCUPIED DRIVE-THROUGH REVETMENTS. THE UNSECURED SITE SUPPORT IS STILL UNDER CONSTRUCTION AND CONTAINS 5 BUILDINGS IN A LATE STAGE OF CONSTRUCTION AND 2 BUILDINGS IN AN EARLY STAGE OF CONSTRUCTION. APPROXIMATELY 15 UNIDENTIFIED OBJECTS ARE SCATTERED THROUGHOUT THE SUPPORT AREA.



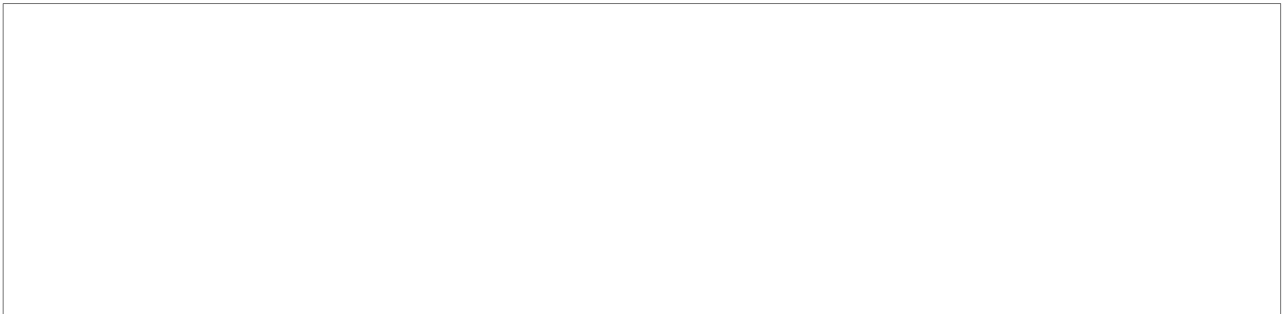
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RIGA SAM SITE B03-2

UR 5705N 02413E

10 NM NNE OF RIGA. COMPLETED SA-2 SAM SITE CONTAINS 6 REVETTED, OCCUPIED LAUNCH POSITIONS, A REVETTED, OCCUPIED CENTRAL GUIDANCE AREA, AND 3 OCCUPIED DRIVE-IN MISSILE HOLD REVETMENTS. NO EVIDENCE OF NUCLEAR STORAGE IN SITE SUPPORT AREA. NO CHANGE IN ESTABLISHED MENSURATION.



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**Air
Facilities**

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AIR FACILITIES

BARANOVICHI AIRFIELD

UR 5306N 02603E

IDENTIFICATION ONLY.



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ULAN-UDE AIRCRAFT ASSEMBLY PLANT 99

UR 5151N 10744E

THE BUILDING REPORTED UNDER CONSTRUCTION ON [REDACTED] JAN 65 APPEARS COMPLETE. FOOTINGS IMMEDIATELY EAST OF THE BUILDING INDICATE FUTURE CONSTRUCTION.

AIRCRAFT -- 2 MANDRAKE, 7 PROBABLE MANDRAKE, AND 3 POSSIBLE MANDRAKE.



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CHENG-TU/SHUANG-LIU AIRFIELD

CH 3034N 10356E

NO APPARENT CHANGE SINCE [REDACTED] APR 63. CONSTRUCTION ON NEW CROSSOVER LINK AND TAXIWAY CONTINUES. NO RADAR OBSERVED.

AIRCRAFT -- 7 CRATE, 2 CAB, AND 9 COLT/CREEK.



25X1

25X1

LEI-YANG AIRFIELD

CH 2635N 11253E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] DEC 64. ONLY NORTH END OF NE PARKING APRON VISIBLE.

AIRCRAFT -- 5 PROBABLE BEAGLE.



25X1

25X1

HSIN-CHIN AIRFIELD SOUTH

CH 3919N 12158E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] OCT 64. SCATTERED CLOUDS OBSCURE SOUTHERN HALF OF RUNWAY AND TAXIWAY.

AIRCRAFT -- NONE OBSERVED.

25X1



25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965



25X1
25X1



25X1

SSU-MAD AIRFIELD NORTH

CH 2247N 10058E

4,750 X 150 FT NNW/SSE PROBABLY CRUSHED ROCK RUNWAY, SERVICEABLE. FACILITIES INCLUDE PARKING APRON, ADMINISTRATION BUILDING WITH CONTROL TOWER, AND PROBABLE UNDERGROUND POL STORAGE AREA. NO NEW CONSTRUCTION ACTIVITY OR ELECTRONIC OR RADAR FACILITIES OBSERVED.

AIRCRAFT -- NONE OBSERVED.



25X1

25X1

KUN-MING AIRFIELD

CH 2459N 10244E

3.5 NM SE OF KUN-MING.

10,650 X 220 FT NE/SW CONCRETE RUNWAY, SERVICEABLE.

FACILITIES NW OF RUNWAY INCLUDE PARALLEL LOOP TAXIWAY WITH 3 CROSSOVER LINKS, 3 PARKING APRONS, A POL STORAGE AREA UNDER CONSTRUCTION, 19 DISPERSAL HARDSTANDS, AN OPERATIONS BUILDING, AN AMMUNITION STORAGE AREA WITH 7 UNRETTED BUILDINGS AND 1 RETTTED STORAGE BUILDING, A VEHICLE MAINTENANCE AREA, AND A HOUSING AREA. AN ALERT APRON AND A PARKING APRON WHICH IS A PORTION OF THE OLD RUNWAY ARE LOCATED ON NE END OF FIELD. THREE 4-GUN OCCUPIED LIGHT AAA SITES ARE OBSERVED ON THE OLD EAST LOOP TAXIWAY. NO RADAR OBSERVED.

AIRCRAFT -- 2 FISHBED, 3 FARMER, 3 FAGOT, 23 FRESCO, 3 FAGOT/FRESCO, 1 FAGOT/FRESCO WITHOUT TAIL ASSEMBLY, 6 CRATE, 1 CAB, AND 1 COLT/CREEK.

(SEE ATTACHMENT)



25X1

SEVASTOPOL/BELBEK AIRFIELD

UR 4441N 03333E

NO NEW CONSTRUCTION OBSERVED.

AIRCRAFT -- 23 PROBABLE FARMER, 1 POSSIBLE FARMER, AND 7 FAGOT/FRESCO ALONG LOOP TAXIWAY SOUTH OF RUNWAY, 2

25X1



25X1



TOP SECRET CHESS RUFF



25X1

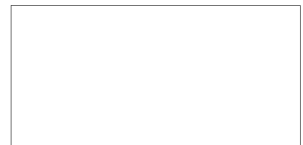
MISSION 4016 13-16 MARCH 1965

**PROBABLE AND 2 POSSIBLE FISHBED IN ASSEMBLY AREA, 4
PROBABLE HOUND ON HARDSTANDS, AND 1 POSSIBLE FIGHTER-
TYPE ON TAXIWAY SW OF RUNWAY.**



25X1

TOP SECRET CHESS RUFF



25X1

**Nuclear
Energy**

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Next 2 Page(s) In Document Denied

**Naval
Activity /
Ports**



TOP SECRET CHESS RUFF



25X1
25X1

MISSION 4016 13-16 MARCH 1965

NAVAL ACTIVITY/PORTS

TANDJUNGPRIOK PORT FACILITIES ID 0606S 10652E

25X1

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
SEP 64.

25X1

VESSELS -- 3 RIGA-CLASS DE, 3 PROBABLE PC, 6 POSSIBLE
JAGUAR-CLASS PT, 5 P-6-CLASS PT, 112 MERCHANT SHIPS,
AND NUMEROUS MINOR CRAFT.



25X1

HSIA-MEN NAVAL BASE & PORT FACILITIES CH 2427N 11805E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED],
DEC 64. AREA COMPLETELY COVERED BY CLOUD-FREE, GOOD
QUALITY PHOTOGRAPHY.

25X1

VESSELS -- 6 SMALL FREIGHTERS AND NUMEROUS SMALL CRAFT.



25X1

CHING-TAO NAVAL DOCKYARD CH 3604N 12019E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
JAN 65.

25X1

VESSELS -- 2 UNIDENTIFIED VESSELS IN GRAVING DOCK, 1 PC
AT A PIER, AND NUMEROUS SMALL CRAFT. VESSELS AT MTB
BASE INCLUDE 8 P-6-CLASS PT, 4 UNIDENTIFIED SMALL CRAFT
ON BUILDING/REPAIR WAYS, AND 8 PROBABLE YP.



25X1

CHING-TAO SUBMARINE BASE CH 3604N 12019E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
JAN 65.

25X1

VESSELS -- 7 W-CLASS SS AND 1 KRONSTADT-CLASS PC AT
THE SUBMARINE BASE AND 2 GORDYY-CLASS DD, 3
KRONSTADT-CLASS PC, 3 T-43-CLASS MSF, 1 PROBABLE LST,
1 LSM, AND 11 MERCHANT VESSELS IN THE INNER HARBOR.



25X1



25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965



25X1

CHOU-SHAN NAVAL BASE AND SHIPYARD

CH 3000N 12206E

**NO APPARENT CHANGE IN FACILITIES SINCE
JAN 65.**



25X1

25X1

**VESSELS -- 1 LSM AND NUMEROUS SMALL COMMERCIAL VESSELS
IN THE HARBOR. NINE LCM AND 6 UNIDENTIFIED SMALL
VESSELS ARE UNDER CONSTRUCTION IN THE YARD.**



25X1

LIEPAJA NAVAL BASE AND SHIPYARD

UR 5633N 02102E

**NO CONSTRUCTION OR CONVERSION OF SHIPS OR MISSILE
STORAGE IDENTIFIED ON FAIR QUALITY PHOTOGRAPHY.**

**VESSELS -- 2 PROBABLE F/Z-CLASS SS, 16 PROBABLE
W/R-CLASS SS, 1 SVERDLOV-CLASS CL, 3 DD, 2 DE, AND
NUMEROUS AUXILIARIES AND SMALL CRAFT.**



25X1

PONTIANAK PORT FACILITIES

ID 0001S 10920E

IDENTIFICATION ONLY.

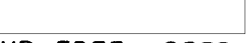


25X1

SAN-TU-AD NAVAL BASE

CH 2638N 11939E

**NO APPARENT CHANGE IN FACILITIES SINCE
NOV 64. AREA COMPLETELY COVERED ON CLOUD-FREE, GOOD
QUALITY PHOTOGRAPHY.**



25X1

**VESSELS -- 1 PROBABLE SHANGHAI-CLASS PTF AND 2
P-6-CLASS PT AT THE WHARF, AND 2 P-6-CLASS PT ON MARINE
RAILWAY.**

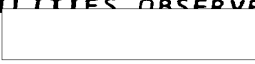


25X1

PALDISKI NAVAL BASE

UR 5921N 02404E

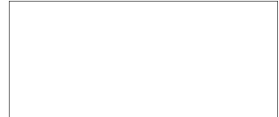
**NO APPARENT CHANGE IN FACILITIES OBSERVED ON POOR
QUALITY PHOTOGRAPHY SINCE**



JUL 62.

25X1

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965



25X1

VESSELS -- 11 UNIDENTIFIED SS.

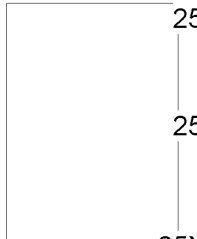


25X1

LU-TA SHIPYARD

CH 3855N 12138E

IDENTIFICATION ONLY.



25X1

25X1

LU-TA PORT FACILITIES

CH 3855N 12139E

**NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]
JAN 65. AREA APPROXIMATELY 50 PERCENT OBSCURED BY
CLOUDS AND CLOUD SHADOW.**

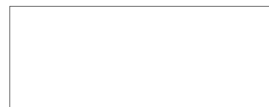
25X1

**VESSELS -- 1 PROBABLE G-CLASS SSB AND 15 MERCHANT
VESSELS**



25X1

TOP SECRET CHESS RUFF



25X1

**Biological/
Chemical
Warfare**

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**Electronics/
Communications**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965



25X1

ELECTRONICS/COMMUNICATIONS

PUMMANKI GUIDED MISSILE RADAR SITE UR 6947N 03150E

NO RADAR SITE OBSERVED IN CLOUD-FREE PORTIONS.



25X1

25X1

TYURATAM INSTRUMENTATION SITE UR 4810N 06833E

SITE CONSISTS OF AN INTERFEROMETER, A SUPPORT AND CONTROL AREA, A SMALL SECURED INSTRUMENTATION/COMMUNICATIONS AREA AND A LANDING FIELD WITH INTERSECTING RUNWAYS.

INTERFEROMETER -- IDENTIFICATION ONLY.

SUPPORT AND CONTROL AREA -- THE ONLY SIGNIFICANT CHANGE SINCE [REDACTED] SEP 64 IS THE IDENTIFICATION OF A PROBABLE COMMUNICATIONS AREA CONTAINING 4 POLES AND A TRANSMISSION/DISSIPATION LINE.

INSTRUMENTATION/COMMUNICATIONS AREA -- 2 OR 3 SMALL MASTS, 6 VANS, A SQUARE PROBABLE CONTROL BUILDING, AND SEVERAL PIECES OF UNIDENTIFIED EQUIPMENT OBSERVED.

LANDING FIELD -- NO APPARENT CHANGE SINCE [REDACTED] SEP 64.



25X1

25X1

25X1

TIKSI SUSPECT TROPOSCATTER SITE UR 7138N 12845E

NO TROPOSCATTER SITE OBSERVED.



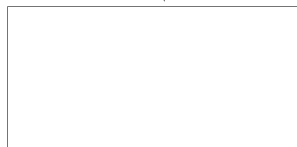
25X1

UELKAL SUSPECT TROPOSCATTER SITE UR 6531N 17921W

NO TROPOSCATTER SITE OBSERVED.



25X1



25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

[Redacted]

[Redacted]

25X1

MYS KEKURSKIY TALL KING RADAR

UR 6955N 03158E

25X1

THE POSSIBLE TALL KING RADAR SITE IDENTIFIED ON [Redacted] JUL 64 AT 69-55N 031-58E CAN NOW BE NEGATED.

25X1
25X1

A TALL KING RADAR SITE IS NEWLY IDENTIFIED 2 NM WSW OF MYS KEKURSKIY AT 69-55N 031-57E. THE SITE CONTAINS A TALL KING RADAR, 1 CONTROL BUILDING, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING, AND 6 HORIZONTAL STORAGE TANKS.

[Redacted]

25X1

VAYDA GUBA TALL KING RADAR

UR 6957N 03205E

NO RADAR SITE OBSERVED AT ABOVE COORDINATES.

[Redacted]

25X1

KARAU TALL KING RADAR SITE

UR 7004N 08312E

IDENTIFICATION ONLY.

[Redacted]

25X1

GIZHIGA TALL KING AW RADAR FACILITY

UR 6150N 16031E

THIS SECURED RADAR SITE CONTAINS 1 TALL KING RADAR, 1 CONTROL BUILDING, 1 SUPPORT BUILDING, 1 GENERATOR BUILDING, AND SEVERAL UNIDENTIFIED OBJECTS. A TOKEN RADAR IS LOCATED ON TOP OF A MOUND AT 61-51N 160-32E, 2 NM NE OF GIZHIGA AIRFIELD.

[Redacted]

25X1

KOLODETS TALL KING RADAR SITE

UR 3712N 06053E

PORTION OF SEARCH AREA COVERED ON PHOTOGRAPHY IS 50 PERCENT OBSCURED BY CLOUDS AND CLOUD SHADOW. NO TALL KING RADAR OBSERVED.

[Redacted]

25X1

[Redacted]

25X1



TOP SECRET CHESS RUFF



25X1

MISSION 4016 13-16 MARCH 1965

OSSORA EARLY WARNING RADAR SITE

UR 5917N 16305E



25X1

NO RADAR SITE OBSERVED IN CLOUD-FREE AREAS.



25X1

TOP SECRET CHESS RUFF



25X1

**Military
Activity**

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

25X1

MILITARY ACTIVITY

JIH-KO-TSE ARMY BKS TASHI KYITSA MAGAR TI 2915N 08853E

25X1

SIX AREAS WITHIN A 2-NM RADIUS OF JIH-KO-TSE.

SE EDGE OF JIH-KO-TSE -- SECURED AREA WITH PROBABLE GUARD TOWERS CONTAINS 1 E-SHAPED ADMINISTRATION BUILDING, 14 PROBABLE BARRACKS, AT LEAST 19 SUPPORT BUILDINGS, AND 1 LARGE UNIDENTIFIED BUILDING.

0.2 NM EAST OF FIRST AREA -- PARTIALLY FENCED AREA WITH PROBABLE GUARD TOWERS CONTAINS 2 C-SHAPED AND 1 H-SHAPED ADMINISTRATION BUILDING, 19 BARRACKS, 1 LARGE MESSHALL, AT LEAST 20 SUPPORT BUILDINGS, 4 LARGE BUILDINGS UNDER CONSTRUCTION, AND 2 OPEN STORAGE/VEHICLE PARKING AREAS (1 WITH 6 PROBABLE CARGO TRUCKS AND 12 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT). ELEVEN PROBABLE CARGO TRUCKS OBSERVED ON ROAD IMMEDIATELY NORTH OF THE AREA.

0.7 NM SOUTH OF JIH-KO-TSE -- 2 SEPARATELY FENCED PROBABLE ADMINISTRATION AREAS CONTAIN 1 T-SHAPED AND 28 ADMINISTRATION/SUPPORT BUILDINGS.

1.5 NM SOUTH OF JIH-KO-TSE -- FENCED AREA WITH GUARD TOWERS CONTAINS 5 ADMINISTRATION BUILDINGS, 44 BARRACKS, 3 MESSHALLS, AND AT LEAST 35 SUPPORT BUILDINGS. SIXTEEN UNIDENTIFIED VEHICLES OBSERVED IN AREA.

2 NM SOUTH OF JIH-KO-TSE -- FENCED AREA CONTAINS 2 PROBABLE VEHICLE MAINTENANCE AND 9 LARGE SUPPORT BUILDINGS.

NORTH EDGE OF JIH-KO-TSE -- FENCED AREA CONTAINS 1 LARGE MULTIWING BUILDING UNDER CONSTRUCTION, 1 H-SHAPED ADMINISTRATION BUILDING, 1 MESSHALL, 16 BARRACKS, 4 SUPPORT BUILDINGS, AND AT LEAST 30 PROBABLE TENTS.

MAIN ROADS THROUGHOUT THE AREA APPEAR IN GOOD CONDITION.

25X1

25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

25X1



25X1

BLAGOVESHCHENSK ARMY DEPOT AMUR RIVER UR 5015N 12729E

25X1

IN SW BLAGOVESHCHENSK ON THE NORTH BANK OF THE AMUR RIVER.

INSTALLATION CONTAINS 4 MULTISTORY, MULTIWINING ADMINISTRATION BUILDINGS, AT LEAST 13 MULTISTORY PROBABLE BARRACKS, APPROXIMATELY 10 PROBABLE VEHICLE STORAGE SHEDS, AT LEAST 3 PROBABLE VEHICLE MAINTENANCE BUILDINGS AND NUMEROUS MISCELLANEOUS STORAGE/SUPPORT BUILDINGS. A PROBABLE FIRING RANGE AND A SMALL TRAINING AREA ARE LOCATED ON THE SOUTH EDGE OF THE INSTALLATION NEXT TO THE AMUR RIVER. FIVE PROBABLE TANKS OBSERVED IN SECURED VEHICLE MAINTENANCE AREA SOUTH OF THE INSTALLATION. AREA APPEARS OCCUPIED.



25X1

BLAGOVESHCHENSK BARRACKS MOKHOVAYA PAD UR 5022N 12735E

7.5 NM NNE OF BLAGOVESHCHENSK. INSTALLATION CONTAINS 6 ADMINISTRATION-TYPE BUILDINGS, 8 LARGE MULTISTORY BARRACKS, APPROXIMATELY 25 STORAGE/SUPPORT BUILDINGS, A MOVING-TARGET FIRING RANGE WITH 11 PROBABLE TANKS/SP GUNS, AND A LARGE DRIVER-TRAINING AREA. APPROXIMATELY 35 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT OBSERVED THROUGHOUT THE AREA. INSTALLATION APPEARS OCCUPIED.



25X1

PETROZAVODSK ARMY BARRACKS NORTHWEST UR 6148N 03417E

NO MILITARY ACTIVITY OBSERVED AT ABOVE COORDINATES ON CLEAR, GOOD QUALITY PHOTOGRAPHY.

25X1



TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965



25X1



25X1

PETROZAVODSK ARMY BARRACKS SOUTHEAST UR 6145N 03424E

NO MILITARY ACTIVITY OBSERVED AT ABOVE COORDINATES.



25X1

25X1

PETROZAVODSK ARMY BARRACKS & RR STN S UR 6147N 03419E

NO MILITARY ACTIVITY OBSERVED AT ABOVE COORDINATES.



25X1

SERYSHEVO ARMY BARRACKS WEST UR 5105N 12821E

**WEST EDGE OF SERYSHEVO.
INSTALLATION CONTAINS 2 LARGE MULTISTORY ADMINISTRATION
BUILDINGS, 19 MULTISTORY BARRACKS, APPROXIMATELY 35
SINGLE-STORY POSSIBLE BARRACKS, APPROXIMATELY 75 SMALL
PROBABLE DWELLINGS, APPROXIMATELY 10 STORAGE/SUPPORT
BUILDINGS, 2 PROBABLE HEATING PLANTS, AND 2 WATER
TOWERS. ENTIRE AREA APPEARS OCCUPIED. NO TANKS,
VEHICLES, OR EQUIPMENT OBSERVED.**



25X1

ZVENIGOROD SUPPLY DEPOT UR 5538N 03649E

**DEPOT, 6.5 NM SSW OF ZVENIGOROD, CONSISTS OF 2 AREAS
APPROXIMATELY 1.5 NM APART.**

**SOUTH AREA CONSISTS OF A RAIL-SERVED DOUBLE-SECURED
STORAGE AREA AND A DOUBLE-SECURED SUPPORT FACILITY
IMMEDIATELY SE OF THE STORAGE AREA. THE STORAGE AREA
CONTAINS 12 RAIL-SERVED WAREHOUSES, 9 OTHER BUILDINGS,
AND APPROXIMATELY 250 UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT. THE SUPPORT AREA CONTAINS AT LEAST 12 MAJOR
BUILDINGS.**

NORTH AREA NOT COVERED ON PHOTOGRAPHY.

**DEPOT COVERED BY FAIR QUALITY, NON-STEREO, SNOW-COVERED
PHOTOGRAPHY.**

TOP SECRET CHESS RUFF



25X1

TOP SECRET CHESS RUFF

[Redacted]

[Redacted]

25X1
25X1

MISSION 4016 13-16 MARCH 1965

[Redacted]

25X1
25X1

PETROZAVODSK QUARTERMASTER DEPOT PEREVALKA UR 6148N 03419E

IN NORTHWESTERN PART OF PETROZAVODSK. FACILITIES INCLUDE A SECURED AREA WITH 8 BARRACKS, 16 STORAGE BUILDINGS, AND 8 SUPPORT BUILDINGS. A DOUBLE-SECURED AREA IMMEDIATELY WEST CONTAINS 4 REVETTED EXPLOSIVES STORAGE BUILDINGS, 2 GENERAL STORAGE BUILDINGS, AND 2 SUPPORT BUILDINGS. NO NEW CONSTRUCTION OR TANKS OBSERVED. APPROXIMATELY 12 VEHICLES OBSERVED ON GOOD QUALITY, CLEAR PHOTOGRAPHY.

[Redacted]

25X1

BIYSK MILITARY TRAINING AREA UR 5229N 08522E

8 NM SE OF BIYSK. AREA CONTAINS 5 LARGE SUPPORT BUILDINGS AND 10 SMALLER SUPPORT BUILDINGS. FIRING RANGES AND DRIVING-TRAINING AREAS ARE SNOW COVERED. NO VEHICLES, EQUIPMENT, OR NEW CONSTRUCTION OBSERVED. NO MILITARY ACTIVITY OBSERVED. ENTIRE AREA COVERED ON FAIR QUALITY, VERTICAL PHOTOGRAPHY.

[Redacted]

25X1

STANLEYVILLE ARMY BARRACKS PRINCE CHARLES CX 0029N 02511E

SOUTH PART OF STANLEYVILLE. SIXTY-FIVE BARRACKS, 4 STORAGE, AND 5 SUPPORT BUILDINGS OBSERVED IN CLOUD-FREE AREAS. NO EQUIPMENT OR OTHER FACILITIES OBSERVED ON FAIR QUALITY PHOTOGRAPHY. THE NORTH HALF OF THE INSTALLATION IS CLEAR.

[Redacted]

25X1

STANLEYVILLE ARMY BARRACKS PRINCE LEOPOLD CX 0031N 02512E

IDENTIFICATION ONLY.

[Redacted]

25X1

[Redacted]

25X1

Page Denied

Complexes

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965



25X1

COMPLEXES

LU-TA COMPLEX

CH 3855N 12137E

IDENTIFICATION ONLY.



25X1

25X1

LU-TA PETROLEUM REFINERY

CH 3858N 12139E

IDENTIFICATION ONLY.



25X1

TSO-NA COMPLEX

TI 2759N 09159E

NORTHEASTERN PORTION OF COMPLEX IS CLOUD COVERED. PORTION OBSERVED CONSISTS OF A SMALL VILLAGE SERVED BY A SINGLE-LANE NATURAL SURFACE ROAD WITH A POSSIBLE MILITARY AREA EAST OF THE VILLAGE. THIS AREA CONTAINS 4 BARRACKS/STORAGE BUILDINGS AND 3 IRREGULARLY SHAPED BUILDINGS. A SMALL STORAGE AREA TO THE NORTH CONTAINS 5 STORAGE SHEDS AND AT LEAST 10 SMALLER STRUCTURES.



25X1

DJAKARTA COMPLEX

ID 0610S 10650E

COMPLEX, APPROXIMATELY 30 SQ MI IN AREA, IS COVERED BY POOR PHOTOGRAPHY. LARGE NUMBER OF SHIPS VISIBLE IN PORT AREA. IT IS NOT POSSIBLE TO REPORT CHANGES AS ALL RECENT COVERAGE IS EITHER FRAGMENTARY OR CLOUD-COVERED.



25X1

PONTIANAK PETROLEUM STORAGE

ID 0001S 10919E

NO APPARENT CHANGE SINCE [REDACTED] APR 63. HEAVY CLOUDS PRECLUDE FURTHER INTERPRETATION.



25X1

25X1



25X1

TOP SECRET CHESS RUFF

MISSION 4016 13-16 MARCH 1965

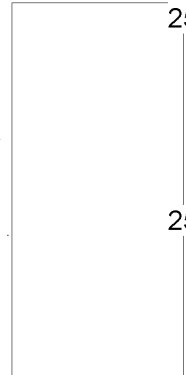


25X1
25X1

STANLEYVILLE COMPLEX

CX 0030N 02512E

AREA IS 80 PERCENT CLOUD-COVERED ON NON-STEREO PHOTOGRAPHY. FACILITIES VISIBLE INCLUDE A PORT ON THE SOUTH SIDE OF RIVER WITH A 700-FT LONG RAIL-SERVED QUAY, STORAGE BUILDINGS, AND MINOR LIGHT INDUSTRIES AND RESIDENTIAL AREAS.



25X1

25X1

SHUANG-CHENG-TZU AREA RAILROAD LINE

CH 4105N 10015E

TERMINAL PORTION OF RAIL LINE ENDING AT THE PROPELLANT STORAGE AREA NORTH OF THE SSM/SAM ASSEMBLY/CHECKOUT AREA IS ONLY PART OF LINE OBSERVED. LINE APPEARS COMPLETE. NO ROLLING STOCK OBSERVED.



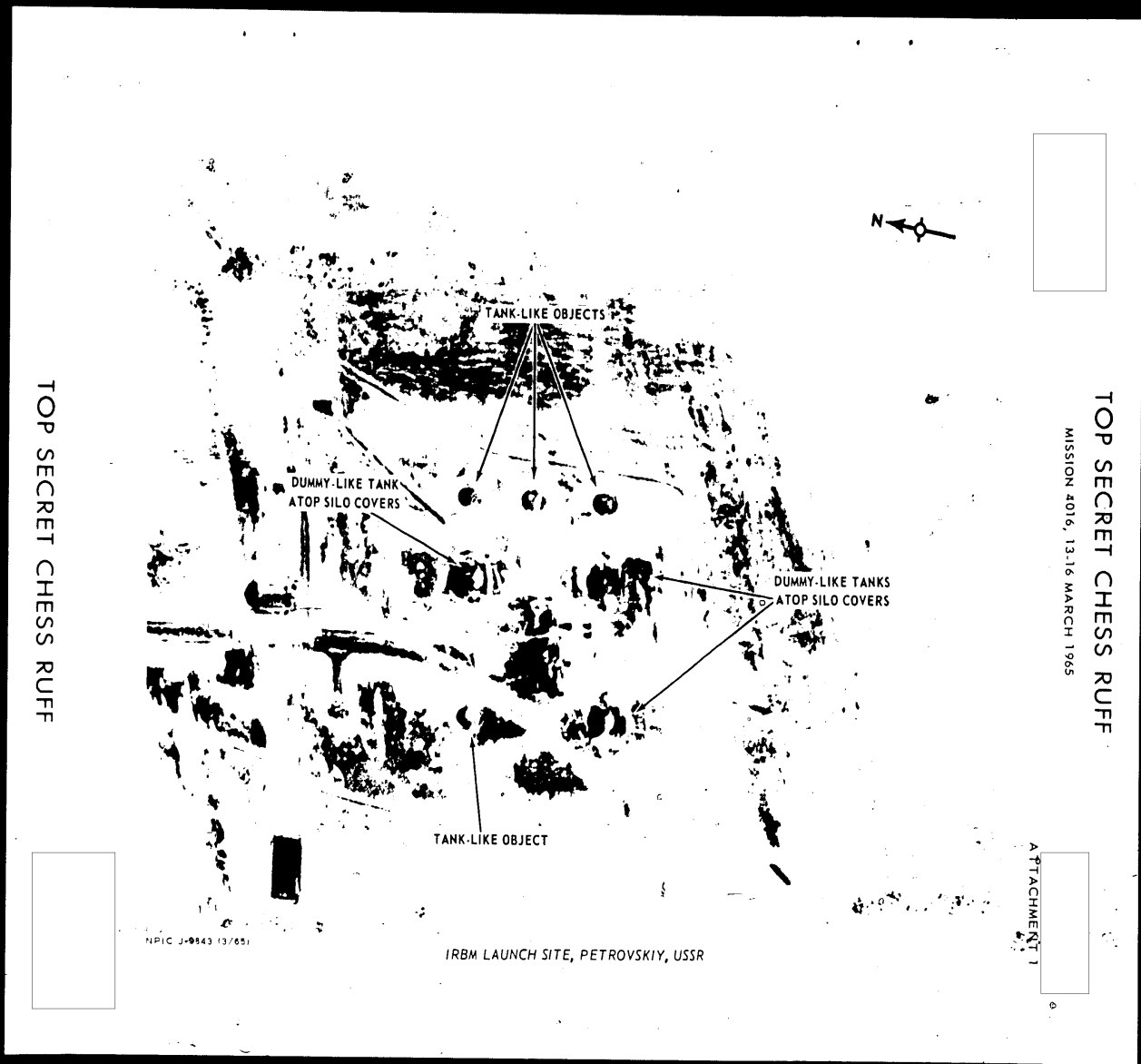
25X1



25X1

Attachments

25X1



TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016, 13:16 MARCH 1965

ATTACHMENT 1

2525X1

25X1

TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF
MISSION 4016, 13:16 MARCH 1965

ATTACHMENT 2

25X1

*PIC J-9844 13/651

ROCKET ENGINE TEST FACILITY, VORONEZH, USSR

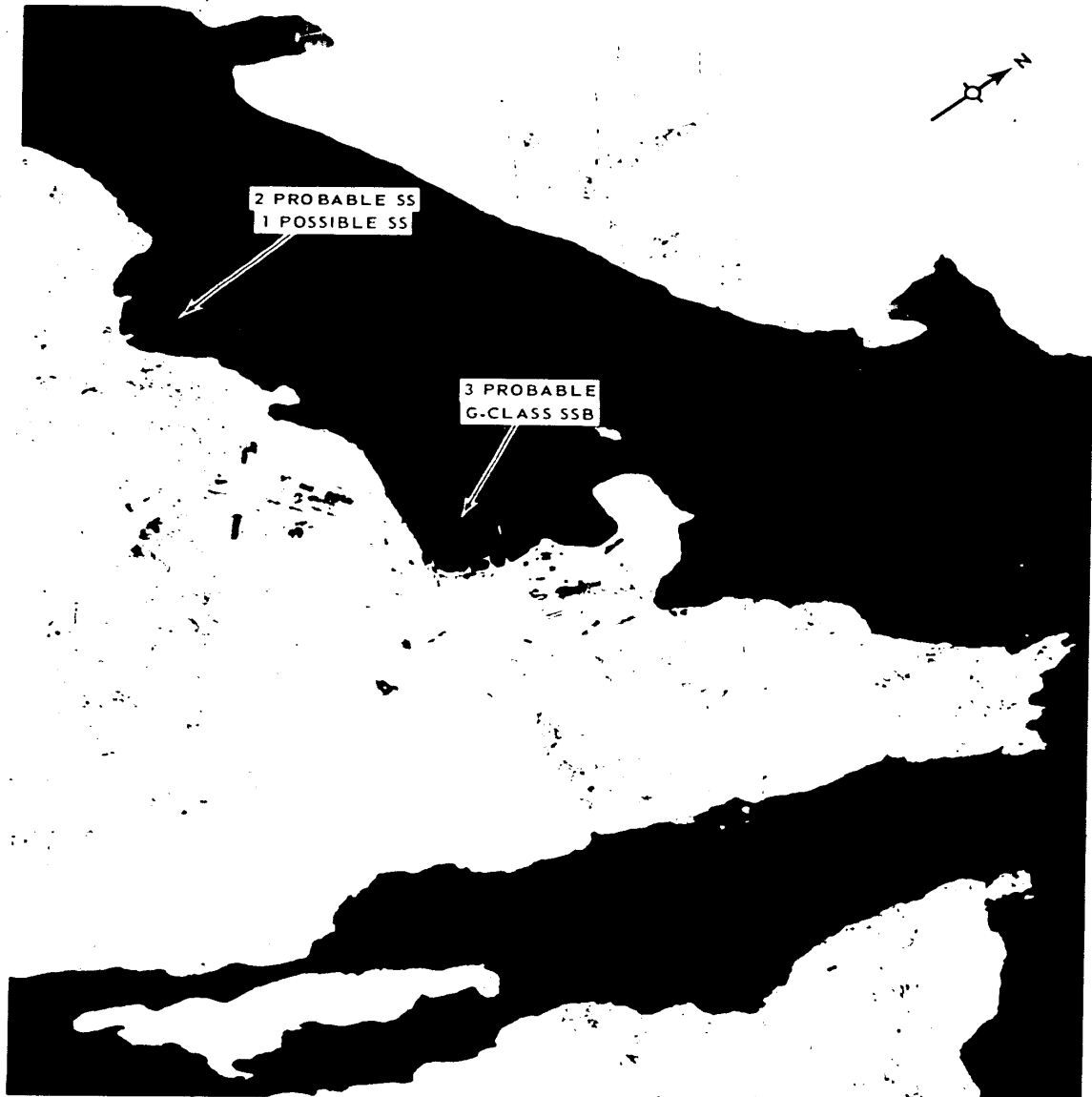
TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 3

25X1

25X1



SUBMARINE BASE, GUBA OLENYA, USSR

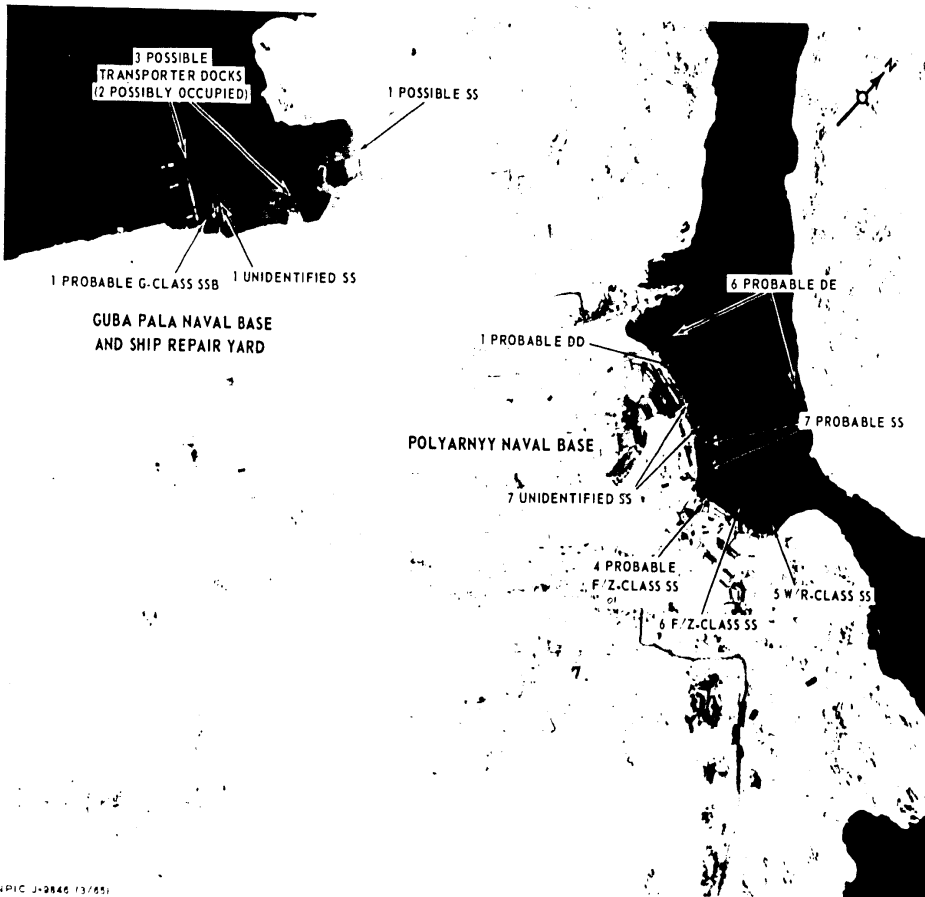
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25X1

TOP SECRET CHESS RUFF

25X1

TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 4

NPIC J-9846 13/65

NAVAL BASE, POLYARNYY, USSR

25X1

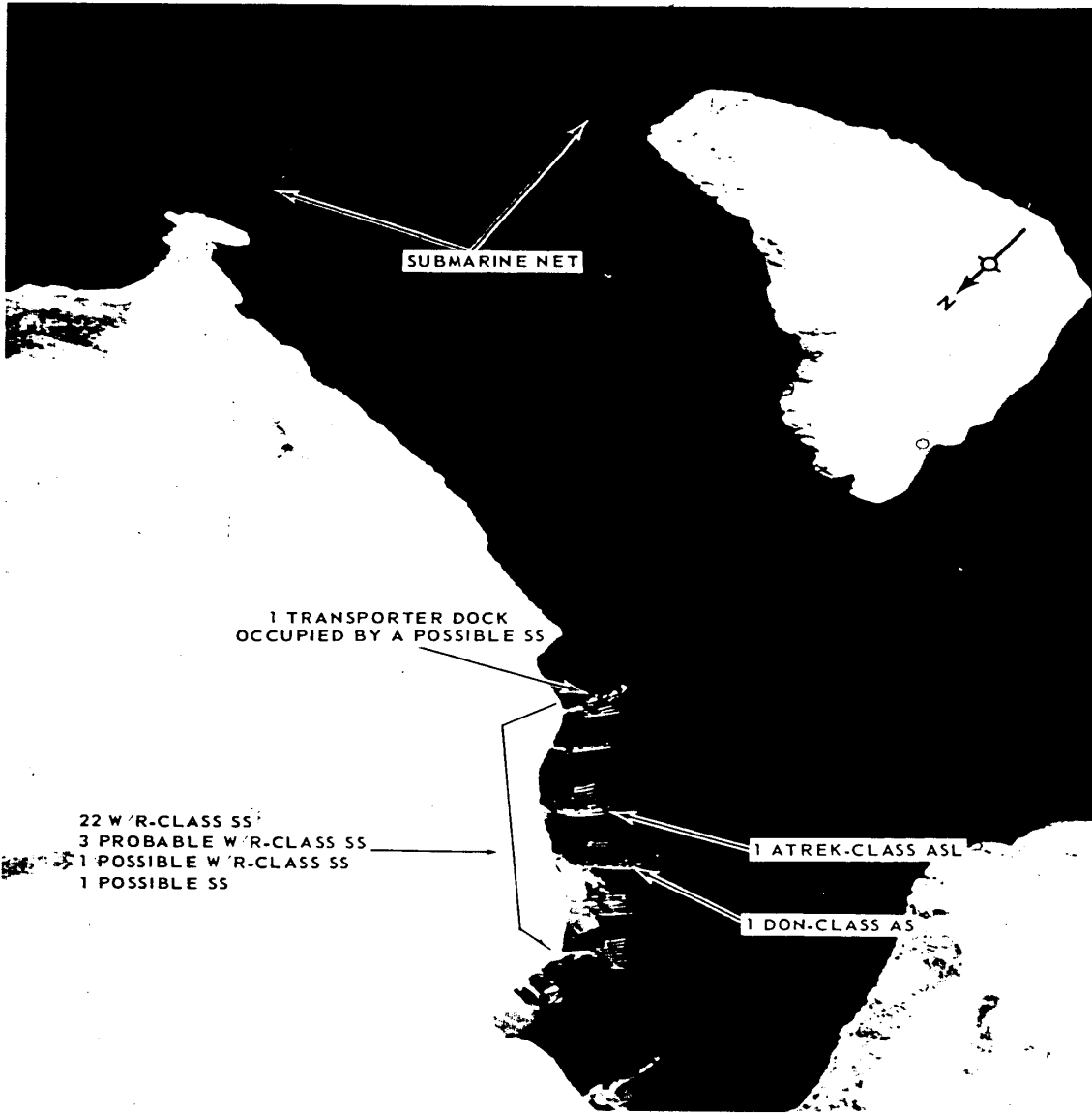
TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

25X1

25X1

ATTACHMENT 5



1 TRANSPORTER DOCK
OCCUPIED BY A POSSIBLE SS

SUBMARINE NET

22 W/R-CLASS SS
3 PROBABLE W/R-CLASS SS
1 POSSIBLE W/R-CLASS SS
1 POSSIBLE SS

1 ATREK-CLASS ASL

1 DON-CLASS AS

NAVAL BASE, GUBA URA, USSR

NPIC J-9947 (3/65)

25X1

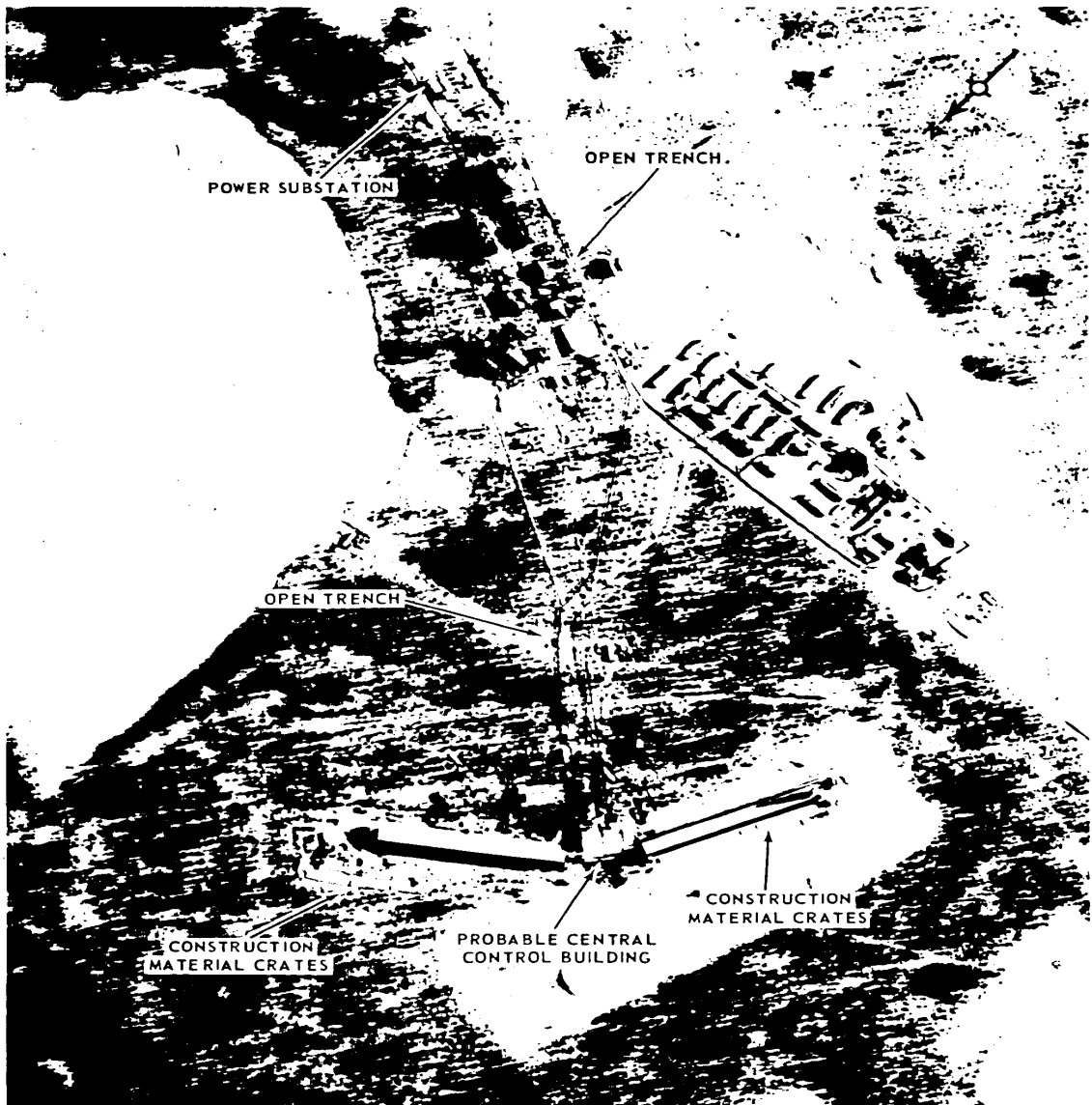
TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

MISSION 4016, 13-16 MARCH 1965

ATTACHMENT 6

25X1
25X1



DUAL HEN HOUSE-TYPE STRUCTURE, OLENEGORSK, USSR

NPIC J-9848 (3/65)

25X1

TOP SECRET CHESS RUFF



TOP SECRET CHESS RUFF

MISSION 4016, 13.16 MARCH 1965

ATTACHMENT 7

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