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PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART I

MISSION 1009-2

9-13 AUGUST 1964

Declass Review by NIMA/DOD





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TCS-7815/64 NPIC/R-799/64

OAK - PART I MISSION 1009-2

PREFACE

THIS IS THE FIRST OF AN ESTIMATED TWO DAILY OAK REPORTS BASED ON MISSION 1009-2 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD 0800 TO 1500, 18 AUGUST 1964, PRESENTS INFORMATION ONLY ON THOSE 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 DAK 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. 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), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

DAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 1009-2 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

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HIGHLIGHTS

1. TYURATAM MISSILE TEST CENTER (COMOR THE ENTIRE MISSILE TEST CENTER IS COVERED BY CLEAR, VERY GOOD 25X1A QUALITY PHOTOGRAPHY. AT COMPLEX G, LAUNCH PADS G5 AND G6 ARE CONFIRMED AS A SOFT LAUNCH AREA AND G8 AND G9 AS A PROBABLE SOFT LAUNCH AREA. THE COMPLETE REPORT ON THE TYURATAM MISSILE TEST CENTER WILL APPEAR IN PART II OF THE OAK FOR

25X1D

2. KOMSOMOLSK SHIPYARD AMUR 199 (COMOR A POSSIBLE E-CLASS SSGN AND ANOTHER POSSIBLE SUBMARINE ARE SIDE BY SIDE IN THE BASIN.

25X1A

25X1A

3. ANGARSK AREA, SUSPECT AMM ACTIVITY (COMOR DONE HEN HOUSE-TYPE STRUCTURE APPEARS TO BE ROOFED, THE SECOND HAS LINEAR EXCAVATIONS WITH FOOTINGS NORTH AND SOUTH OF THE PROBABLE CONTROL BUILDING, CONSTRUCTION OF THE THIRD PROBABLE CONTROL BUILDING AND EXCAVATIONS HAS BEGUN, AND A NEW 2,200- BY 200-FOOT SCAR HAS APPEARED SE OF THE FIRST STRUCTURE AND PARALLEL TO BUT SW OF THE THIRD.

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STATUS OF COMOR TARGET READOUT

FORTY-FIVE ACTIVE COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD AND ARE CONTAINED IN THIS REPORT.

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MISSILES

THE SHADRINSK ICBM COMPLEX IS COVERED BY FAIR QUALITY

SHADRINSK ICBM COMPLEX UR 5608N 06340E

25X1D

25X1D

STERED PHOTOGRAPHY. NO SIGNIFICANT CHANGE IS
OBSERVED AT THE RAIL-TO-ROAD TRANSFER POINT OR LAUNCH
AREA B (SITE 2) SINCE
THE COMPLEX SUPPORT FACILITY IS IDENTIFIED ONLY.
LAUNCH AREA A (SITE 1) IS CLOUD COVERED, WITH
THE EXCEPTION OF THE LAUNCH SUPPORT FACILITY, WHICH
SHOWS NO SIGNIFICANT CHANGE SINCE
LAUNCH AREA C (SITE 3) IS IN CLOUD SHADOW AND STILL
APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION.
A LINEAR SCAR IS NOTED ORIGINATING AT THE SITE
SUPPORT FACILITY OF LAUNCH AREA C (SITE 3), EXTENDING

APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION.

A LINEAR SCAR IS NOTED ORIGINATING AT THE SITE
SUPPORT FACILITY OF LAUNCH AREA C (SITE 3), EXTENDI
APPROXIMATELY 2,500 FT SOUTH, AND TERMINATING
IN A WOODED AREA. AT THE TERMINUS IS ONE POSSIBLE
BUILDING, A DITCH OR TRENCH, AND A SMALL CLEARING.
NO OTHER NEW CONSTRUCTION ACTIVITY OBSERVED.

NO ABM ACTIVITY IS NOTED WITHIN A 50-NM RADIUS.

25X1D

25X1A

TYUMEN ICBM COMPLEX UR 5652N Ø6553E

25X1D

THE TYUMEN ICBM COMPLEX IS COVERED BY FAIR QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE SINCE OBSERVED IN THE COMPLEX, SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREA A (SITE 3), LAUNCH AREA C (SITE 2), OR THE UNIDENTIFIED AREA NORICE OF THE COMPLEX SUPPORT FACILITY. NO NEW CONSTRUCTION ACTIVITY OBSERVED IN CLOUD-FREE AREAS OF THE COMPLEX, EXCEPT A SMALL AREA OF UNIDENTIFIED SCARRING ABOUT 1,000 FT WEST OF THE COMPLEX, WHICH WAS PRESENT ON

25X1D

NO ABM ACTIVITY OBSERVED IN THE CLOUD-FREE PORTION OF THE WESTERN TWO-THIRDS OF THE 50-NM RADIUS SEARCH AREA.

25X1D

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25X1A

MAZANKA MRBM LAUNCH SITE UR 4454N Ø342ØE

THE LAUNCH SITE IS OBSCURED BY CLOUDS.

25X9 25X9

25X9

NO NEW MRBM OR IRBM LAUNCH AREAS OBSERVED IN CLOUD-FREE PORTIONS OF SEARCH AREA. AREA CANNOT BE NEGATED DUE TO SCATTERED CLOUDS.

25X1D

SLAVSK MRBM LAUNCH SITE 2 UR 5500N 02129E

SITE IS CLOUD COVERED. NO NEW SSM ACTIVITY IN CLOUD-FREE PORTIONS. AREA CANNOT BE NEGATED DUE TO CLOUDS.

25X1D

GUSEV MRBM LAUNCH SITE 1 UR 5441N 02205E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS. AREA CANNOT BE NEGATED DUE TO CLOUDS.

25X1D

NEMAN MRBM LAUNCH SITE UR 5501N 02211E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTION. AREA CANNOT BE NEGATED DUE TO CLOUDS.

25X1D

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> BAYRAM-ALI IRBM LAUNCH SITE UR 3746N Ø6212E IDENTIFICATION ONLY. 25X1D SMORGON IRBM LAUNCH SITE 2 UR 5426N Ø2618E 25X9 LAUNCH SITE IS COMPLETE. 25X9 ALL BUILDINGS OF MAJOR PROPORTIONS IN THESE FACILITIES ARE DRIVE-IN-TYPE. THE FACILITIES APPEAR COMPLETE. 25X1D 5724N Ø2826E REDKINO MRBM LAUNCH SITE UR 25X9 25X1D SHIRVANSKAYA MRBM LAUNCH SITE UR 4425N Ø3954E 25X1D NO <u>apparent change si</u>nce NO ELECTRONICS FACILITIES 25X9 OBSERVED. 25X1D POSTAVY MRBM LAUNCH SITE 2 UR 5506N 02700E IDENTIFICATION ONLY. 25X1D

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KRASNOYARSK EXPLOSIVES PLANT ZLOBINO 5602N 09303E 25X1D NO APPARENT CHANGE SINCE 25X1D 56Ø5N Ø9327E KRASNOYARSK ROCKET ENGINE TEST FAC UR 25X1D NO APPARENT CHANGE SINCE IN CLOUD-FREE AREAS. 25X1D BIYSK, STATIC TEST, FAC, ILITY UR 5229N Ø85Ø7E NO CHANGE IN FACILITIES IN CLOUD-FREE AREAS SINCE 25X1D ALEYSK SUSPECT SSM AREA UR 5229N Ø8247E THE 50-NM SEARCH AREA IS 50 PERCENT CLOUD COVERED. NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS. 25X1D 4705N 03730E ZHDANDV SUSPECT ANTI-SATELLITE LNCH FAC UR NO ANTI-SATELLITE LAUNCH FACILITY OBSERVED IN 50-NM RADIUS OF ZHDANOV IN CLOUD-FREE AREAS. 25X1D

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25X1A

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KOMSOMOLSK SHIPYARD AMUR 199 UR 5033N 13702E

VESSELS -- ONE POSSIBLE E-CLASS SSGN, APPROXIMATELY 380 FT OVERALL, WITH ANOTHER POSSIBLE SUBMARINE ALONGSIDE. TWO UNDCCUPIED TRANSPORTER DOCKS, 2 UNIDENTIFIED SURFACE SHIPS, AND SMALLER CRAFT ARE ALSO PRESENT.

HAZE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION.

25X1D

LENINGRAD PROBABLE AMM AREA UR 5955N Ø3Ø2ØE

THE NORTHERN HALF OF THE SEARCH AREA IS COMPLETELY CLOUD COVERED AND 70 PERCENT OF THE SOUTHERN HALF IS OBSCURED BY SCATTERED—\$0-HEAVY CLOUDS, CLOUD SHADOM, AND HAZE. NO NEW AMM-RELATED FACILITIES IDENTIFIED IN THE CLOUD-FREE AREAS.

SMALL SEGMENT OF THE SW PROBABLE AMM LAUNCH COMPLEX IS IDENTIFIED ONLY. THE NW AND NE COMPLEXES AND THE POSSIBLE AMM TRAINING FACILITY ARE CLOUD COVERED.

25X1D

CHOKURDAKH, SUSPECT ABM AREA UR 7037N 14753E

SEARCH AREA 99 PERCENT CLOUD COVERED. NO HEN HOUSE, HEN EGG, OR OTHER SARY-SHAGAN-TYPE RADARS OBSERVED IN VISIBLE AREAS.

25X1D

ANGARSK AREA, SUSPECT AMM ACTIVITY UR 5253N 10315E

25X1D

A FOURTH CLEARING MEASURING 2,200 BY 200 FT HAS
APPEARED IN THE OPERATIONS FACILITY OF THIS
SITE SINCE
THIS CLEARING,
DESIGNATED AREA D, IS ORIENTED GENERALLY PARALLEL TO
THE THIRD REPORTED HEN HOUSE-TYPE STRUCTURE, C , SO
THAT THESE 2 WILL FORM A MIRROR IMAGE OF THE FIRST AND

10

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SECOND OBSERVED STRUCTURES, A AND B. THE PROBABLE CONTROL BUILDING AT AREA A APPEARS TO BE IN FINAL STAGES OF CONSTRUCTION. THE 2 LONG HEN HOUSE-TYPE STRUCTURES ON EITHER END OF THE PROBABLE CONTROL BUILDING HAVE BEEN ROOFED. AT AREA B. THE 3 WINGS OF THE PROBABLE CONTROL BUILDING HAVE BEEN ERECTED SINCE PORTION OF THE BUILDING IS IN AN EARLY STAGE OF THE EXCAVATION OF THE LINEAR STTE TO THE SOUTH OF THE PROBABLE CONTROL BUILDING, OBSERVED ON APPEARS COMPLETE. THE LINEAR SITE NORTH OF THE BUILDING, A CLEARING ON CONSTRUCTION. HAS NOW BEEN EXCAVATED. THERE APPEAR TO BE 4 ROWS OF POSSIBLE FOOTINGS IN EACH OF THE LINEAR EXCAVATIONS. AT AREA C, WORK HAS BEGUN ON THE PROBABLE CONTROL BUILDING SINCE THREE WINGS ARE UNDER CONSTRUCTION, WHILE THE CENTRAL RECTANGULAR PORTION OF THE BUILDING HAS NOT BEGUN. LONG EXCAVATION ON THE SW SIDE OF THIS PROBABLE CONTROL BUILDING APPEARS IN A LATE STAGE OF CONSTRUCTION AND A LINEAR EXCAVATION TO THE NW IS IN PROGRESS. AT BOTH AREAS A AND B THE BULK OF THE PROBABLE CONTROL BUILDINGS IS LOCATED TO THE EAST OF THE LINEAR STRUCTURES, WHILE AT AREA C THE BULK OF THE BUILDING IS TO THE NW OF THE LINEAR PATTERN. THERE

IS NO SIGNIFICANT CHANGE IN THE SUPPORT AREA.

(ATTACHMENT 1)

25X1D

25X1D

25X1D 25X1D

25X1D

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Air Faciliti**es**

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TOP SECRET CHESS RUFF

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25X1A

AIR FACILITIES

BARANOVICHI AIRFIELD UR 5306N 02603E

AIRCRAFT -- 7 BLINDER, ONE PROBABLE BLINDER, 22 BADGER, AT LEAST 23 PROBABLE SWEPT-WING FIGHTERS, AND 5 POSSIBLE UNIDENTIFIED AIRCRAFT.

CLOUD COVER IN MAINTENANCE AREA AND LOADING AREA PRECLUDES FURTHER INTERPRETATION.

25X1D

(E)

MINSK/MACHULISHCHE AIRFIELD UR 5347N Ø2734E

AIRCRAFT -- NONE OBSERVED.

SCATTERED CLOUDS, OBLIQUITY, AND POOR IMAGE QUALITY-PRECLUDE INTERPRETATION.

25X1D

BELAYA AIRFIELD UR 5254N 10335E

AIRCRAFT -- ONE BULL AND 57 BADGER ON MAIN PARKING APRON AND MAINTENANCE AREAS JUST WEST OF PARKING APRON, 5 SWEPT-WING FIGHTERS AND 6 POSSIBLE SWEPT-WING FIGHTERS ON END CROSSOVER TAXIWAYS.

25X1D

BYKHOV AIRFIELD UR 5331N Ø3Ø12E

AIRCRAFT -- 14 BADGER AND 39 PROBABLE BADGER.

NO APPARENT CHANGE IN FACILITIES SINCE MISSION

25X1D

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GOMEL/PRIBYTKI AIRFIELD UR 5218N Ø311ØE

AIRCRAFT -- 13 BLINDER AND 9 BADGER ON MAIN PARKING APRON, 5 BLINDER ON HARDSTANDS EAST OF MAIN PARKING APRON, 3 BLINDER IN MAINTENANCE AREA, 9 BLINDER AND 6 PROBABLE BLINDER ON HARDSTANDS WEST OF MAIN PARKING APRON, ONE BLINDER, 4 BADGER, 2 PROBABLE BADGER, AND ONE PROBABLE BULL ON HARDSTANDS SOUTH OF WNW END OF RUNWAY.

25X1D

BOBRUYSK AIRFIELD UR 5306N 02912E

NO NEW-CONSTRUCTION ACTIVITY OBSERVED.

AIRCRAFT --- 50 BADGER ON HARDSTANDS ALONG TAXIWAY, 2 PROBABLE BULL AND 2 POSSIBLE CAB ON GRASS AT EAST END OF RUNWAY, AND ONE PROBABLE BULL ON HARDSTAND AT EAST END OF RUNWAY.

25X1D

SOLTSY AIRFIELD UR 5808N 03020E

NO APPARENT CHANGE SINCE

25X1D

AIRCRAFT -- 21 BADGER AND 2 POSSIBLE BADGER.

SW HARDSTANDS PARTLY CLOUD COVERED.

25X1D

OSTROV/GOROKHOVKA AIRFIELD UR 5718N Ø2826E

AIRCRAFT -- 30 PROBABLE BADGER, ONE MEDIUM STRAIGHT-WING, AND ONE LIGHT STRAIGHT-WING.

SUPPORT AREA AND EAST HARDSTANDS COVERED BY SCATTERED CLOUDS \checkmark

NO APPARENT CHANGE SINCE

25X1D

13

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25X1A

- PARNU AIRFIELD UR 5825N Ø2428E

ONE POSSIBLE SMALL STRAIGHT-WING AIRCRAFT.

POOR IMAGE QUALITY AND HEAVY HAZE PRECLUDE DETAILED INTERPRETATION AT ELECTRONICS OR COMMUNICATIONS FACILITIES.

25X1D

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Nuclear Energy

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Naval Activity/ Ports

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25X1A

NAVAL ACTIVITY/PORTS

BALAKLAVA SUBMARINE BASE UR 4430N 03336E

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

VESSELS -- 3 W/R-CLASS SS, 4 SS, 2 POSSIBLE SS, AND 2 SMALL AUXILIARIES.

NO NUCLEAR OR MISSILE-RELATED FACILITIES
OBSERVED. PORT AREA IS CLOUD FREE. NEARBY AREA
IS PARTLY CLOUD COVERED.

25X1A

25X1D

SEVASTOPOL NVL BASE & SHPYD SEVMORZAVOD UR 4436N Ø3332E

VESSELS -- 3 CL ANCHORED IN THE BAY. TWO CL, 6 DD, 5 DE, 3 W/R-CLASS SS, 2 J-CLASS SSG, 3 SMALL SS: 10 MSF, 3 AUXILIARIES, ONE FLOATING DRYDOCK, AND NUMEROUS SMALL VESSELS AT THE NAVAL BASE AND SHIPYARD. SIX DD AND 4 DE AT A QUAY NEAR THE SEVASTOPOL NAVAL MINE AND TORPEDO STORAGE AREA. ONE DD AND 4 W/R-CLASS SS IN KILENBALOCHNAYA BAY. ONE VESSEL 200 FT LONG AND ONE PROBABLE VESSEL 300 FT LONG ON THE BUILDING WAYS AT THE SHIPYARD.

25X1D

ENTIRE AREA COVERED BY CLEAR PHOTOGRAPHY. NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1A

LENINGRAD SHIPYARD BALTIYSK/ORDZH 189 UR 5955N Ø3Ø16E IDENTIFICATION ONLY.

25X1D

LENINGRAD SHIPYARD ADMIRALTY 194 UR 5955N 03016E

IDENTIFICATION ONLY.

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TOP SECRET CHESS RUFF

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25X1A

LENINGRAD SHIPYARD SUDOMEKH 196 UR 5956N Ø3Ø17E IDENTIFICATION ONLY.

25X1D

LENINGRAD SHIPYARD ZHDANOV 190 UR 5952N Ø3Ø14E IDENTIFICATION ONLY.

25X1D

19

Biological/ Chemical Warfare

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Electronics/ Communications

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25X1A

ELECTRONICS/COMMUNICATIONS

SIMFEROPOL TRACKING & COMM CENTER UR 4503N 03353E

CONSTRUCTION CONTINUES IN AREAS REPORTED ON BUT POOR IMAGE QUALITY PRECLUDES DETAILED INTERPRETATION.

25X1D

25X1D

MING-SHUI POSS MISSILE TRACKING STATION CH 4155N 09620E

NO MISSILE-TRACKING FACILITIES OBSERVED IN CLOUD-FREE AREAS.

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Complexes

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325X1A

COMPLEXES

NORILSK COMPLEX UR 692ØN Ø8812E

25X1D

COMPLEX 30 PERCENT CLOUD COVERED. CLOUDS OBSCURE THE COPPER SMELTER AND NUMEROUS STACKS IN THE COMPLEX ARE EMITTING SMOKE.

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25X9

25X1D

22

Other Activity

Attachments

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UNDER CONSTRUCTION

HEN HOUSE-TYPE STRUCTURES, ANGARSK, USSR

TOP SECRET CHESS RUFF

CLEARING 2200' X 200'

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NPIC J-3563 (8/64)

TOP SECRET CHESS RUFF MISSION 1009-2, 9-13 AUGUST 1964

ATTACHMENT I

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Handle Via TALENT-KEYHOLE TCS-7815 64 NP!C R-799/64 ATTACHMENT 2



HYDROELECTRIC POWER PLANT UNDER CONSTRUCTION, YEN-KUO HSIA, CHINA

25X2

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