

**TOP SECRET**

PHOTOGRAPHIC INTERPRETATION REPORT



**KH-7 MISSION 4035**

**6-13 DECEMBER 1966**

**PART I**



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DECEMBER 1966

COPY 100

55 PAGES



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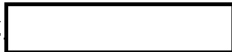


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DECEMBER 1966

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

ERRATUM FOR NPIC



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OAK. MISSION 4035, 6-13 DECEMBER 1966, PART I

DATED DECEMBER 1966

ON PAGE 17, THE REPORT ON TATISHCHEVO ICBM COMPLEX



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SHOULD READ THAT POSSIBLE SITE 135 CAN BE NEGATED



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Excluded from automatic  
downgrading and declassification

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**TOP SECRET**

**KH-7 MISSION 4035, 6-13 DEC 1966**

TABLE OF CONTENTS

<b>PREFACE</b>	<b>2</b>
<b>HIGHLIGHTS</b>	<b>3</b>
<b>MISSILES</b>	<b>5</b>
<b>AIR FACILITIES</b>	<b>34</b>
<b>[REDACTED]</b>	<b>38</b>
<b>NAVAL ACTIVITY/PORTS</b>	<b>42</b>
<b>[REDACTED]</b>	<b>43</b>
<b>ELECTRONICS/COMMUNICATIONS</b>	<b>44</b>
<b>MILITARY ACTIVITY</b>	<b>45</b>
<b>COMPLEXES</b>	<b>47</b>
<b>OTHER ACTIVITY</b>	<b>49</b>
<b>ATTACHMENTS</b>	<b>APPENDIX</b>

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KH-7 MISSION 4035, 6-13 DEC 1966

PREFACE

THIS IS THE FIRST OF SEVERAL OAK REPORTS ON MISSION 4035 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

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. COUNTRY CODE ABBREVIATIONS ARE PRINTED ON THE INSIDE OF THE BACK COVER PAGE.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID COORDINATES FOR NEW TARGETS ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER 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 -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION). ANY COLOR COVERAGE IS DESIGNATED BY THE LETTER C IMMEDIATELY FOLLOWING FRAME NUMBERS.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

NOTE -- THE TRACK MAPS FOR THIS MISSION WILL BE INCLUDED IN THE LAST EDITION OF THE OAK.

2

**TOP SECRET**

## **Highlights**

**TOP SECRET**

KH-7 MISSION 4035, 6-13 DEC 1966

HIGHLIGHTS1. MISSILE ACTIVITY

PORTIONS OF 18 OF THE 25 KNOWN ICBM COMPLEXES ARE COVERED BY PHOTOGRAPHY. PERM, UZHUR, IMENI GASTELLO, TATISHCHEVO, DOMBAROVSKIY, DROVYANAYA, KARTALY, KOSTROMA, NOVOSIBIRSK, OLOVYANNAYA, SHADRINSK, SVOBODNYI, VERKHNYAYA SALDA, YEDROVO, TEYKOVO, AND ZHANGIZ-TOBE ARE COVERED ON CLEAR PHOTOGRAPHY. ALEYSK AND GLADKAYA ARE OBSERVED THROUGH SCATTERED TO HEAVY CLOUDS OR HAZE. FIVE TYPE IIIC AND 28 TYPE IIID SINGLE SILO SITES ARE NEWLY IDENTIFIED. ONE IS AT IMENI GASTELLO, ONE AT DOMBAROVSKIY, ONE AT ZHANGIZ-TOBE, 2 AT UZHUR, 9 AT YEDROVO, 7 AT SVOBODNYI, 4 AT TATISHCHEVO, AND 8 AT KOSTROMA. THE FIRST 4 COMPLEXES ARE INCLUDED IN THIS PART OF THE OAK.

THE TYURATAM MISSILE TEST CENTER, USSR, IS PARTIALLY COVERED BY ONE PASS OF CLEAR STEREO PHOTOGRAPHY OF GOOD INTERPRETABILITY. COVERAGE INCLUDES THOSE LAUNCH FACILITIES FROM COMPLEX E EASTWARD TO LAUNCH SITE I6. CONSTRUCTION ACTIVITY CONTINUES AT COMPLEX J AND LAUNCH SITE I7. RENEWED ACTIVITY CONSISTING OF NEW EXCAVATIONS AND DITCHING IS APPARENT AT PREVIOUSLY DORMANT LAUNCH SITES I2 AND I3. THE CRANE LOCATED FORWARD OF PAD J1 APPEARS COMPLETE AT APPROXIMATELY 320 FT. A BOOM ATTACHED AT THE 245-FT LEVEL EXTENDS HIGHER THAN THE VERTICAL SUPERSTRUCTURE OF THE CRANE.

AT THE SHUANG-CHENG-TZU MISSILE TEST CENTER, CHINA, ONLY A PART OF THE SSM LAUNCH FACILITIES INCLUDING COMPLEXES C, D, AND A MINUTE PORTION OF B AND THE AIRFIELD ARE COVERED. NO MISSILE EQUIPMENT OR ACTIVITY ARE OBSERVED AT COMPLEX D. THE LAUNCH PAD AND LOOP ACCESS ROADS AT LAUNCH COMPLEX B APPEAR COMPLETE.

BABAYEVO IS NOW A CONFIRMED PROBABLE LONG RANGE SAM LAUNCH COMPLEX. TWO PROBABLE LONG RANGE SAM LAUNCH COMPLEXES ARE NEWLY IDENTIFIED, ONE AT KHABAROVSK AND ONE AT KOSTROMA. ONE LAUNCH SITE AT KOSTROMA APPEARS COMPLETE AND EACH LAUNCH POSITION CONTAINS A LAUNCHER AND TWO MISSILE DOLLIES. NPIC NOW CARRIES 25 PROBABLE LONG RANGE SAM COMPLEXES IN ITS LISTINGS.

NORTH VIETNAM IS COVERED BY 8 FRAMES OF PHOTOGRAPHY WHICH WERE 70 PERCENT CLOUD COVERED. OF THE 137 KNOWN SA-2 SAM SITES, NONE IS OBSERVED IN THE CLOUD-FREE AREAS AND NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

A COMPLETED SA-2 SAM SITE IS NEWLY IDENTIFIED 7.7 NM EAST OF WONSAN, NORTH KOREA, AT 39-08-40N 127-35-45E.

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**Missiles**

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KH-7 MISSION 4035, 6-13 DEC 1966

MISSILES

TYURATAM MISSILE TEST CENTER

UR 4538N 06317E

TYURATAM MISSILE TEST CENTER IS COVERED BY ONE PASS OF PHOTOGRAPHY OF GOOD INTERPRETABILITY. ONLY THOSE LAUNCH FACILITIES FROM COMPLEX E EASTWARD TO SITE I6 ARE COVERED. NO NEW MISSILE FACILITIES ARE IDENTIFIED IN THE PORTIONS OF THE 50-NM SEARCH AREA COVERED. ONLY

[REDACTED]

[REDACTED]

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TYURATAM LAUNCH COMPLEX A

UR 4555N 06320E

AT LAUNCH PAD A1, A RAIL CAR AND THE OFTEN SEEN TRANSPORTER-ERECTOR ARE LOCATED ON THE PAD AND A SHORT STRING OF RAIL CARS IS LOCATED ON THE NORTHERNMOST SPUR BEHIND PAD A1.

AT PADS A2 AND A3, THE 2 SPECIALLY CONFIGURED RAIL CARS COMMONLY SEEN ARE ON THE TRACKS SOUTH AND WEST OF PAD A2. SEVERAL PIECES OF EQUIPMENT, INCLUDING A PROBABLE RAIL-MOUNTED CRANE, ARE AT THE SOUTH EDGE OF PAD A2 AND BETWEEN PADS A2 AND A3.

IN THE COMPLEX SUPPORT FACILITY, THE LARGER OF THE 2 RECENTLY REPORTED BUILDINGS UNDER CONSTRUCTION NORTH OF THE LARGE BUILDING APPEARS COMPLETE AND CONSTRUCTION CONTINUES ON THE OTHER. MUCH OF THE DITCHING RECENTLY OPENED PARALLEL TO THE WEST SIDE OF THE LARGE BUILDING HAS BEEN BACKFILLED. ANOTHER DITCH HAS BEEN OPENED CLOSER TO THE BUILDING. THREE NARROW RECTANGULAR STRUCTURES HAVE BEEN CONSTRUCTED IN DITCHES AT RIGHT ANGLES TO THE WEST WALL OF THE BUILDING. SMOKE IS SEEN COMING FROM THE STACK OF THE RECENTLY CONSTRUCTED LARGE STEAMPLANT. THIS IS THE FIRST SIGN OF ACTIVITY AT THIS FACILITY.

[REDACTED]

25X1

TYURATAM LAUNCH COMPLEX E

UR 4557N 06311E

APPROXIMATELY 10 SMALL VEHICLES/PIECES OF EQUIPMENT ARE AT VARIOUS POINTS WITHIN THE COMPLEX.

[REDACTED]

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[REDACTED]

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KH-7 MISSION 4035, 6-13 DEC 1966

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

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TYURATAM LAUNCH GROUP I (SITES 11-13, 17) UR 4555N 06326E

25X1

SITE 11 -- NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

SITE 12 -- A RECTILINEAR EXCAVATION HAS BEEN MADE SINCE [REDACTED] NEAR THE BUILDING AT THE ENTRANCE. SPOIL PILES AND TRACKING INDICATE ADDITIONAL CONSTRUCTION ACTIVITY. A DITCH HAS BEEN DUG FROM THE VICINITY OF THE NEW EXCAVATION TOWARD THE SOUTHERN FENCE LINE.

25X1

SITE 13 -- AN EXCAVATION, APPROXIMATELY THE SAME SIZE AS THE ORIGINAL ONE, HAS BEEN DUG JUST OFF THE NE CORNER OF THE SILO EXCAVATION. ACCESS RAMPS ARE ON THE WEST SIDE OF THE NEW EXCAVATION. ACTIVITY WAS VISIBLE IN THIS AREA ON [REDACTED] A RECTILINEAR EXCAVATION SIMILAR TO THE ONE AT SITE 12 IS BETWEEN THE ENTRANCE BUILDING AND THE SILO EXCAVATION. SPOIL PILES ARE PRESENT AT BOTH ENDS OF THIS EXCAVATION. A DITCH RUNS FROM THE VICINITY OF THE NORTH END OF THIS EXCAVATION TOWARD THE SOUTHERN FENCE. THIS ACTIVITY IS NEGATED ON [REDACTED] A CRANE/SHOVEL IS OBSERVED EAST OF THE SILO EXCAVATION. SEVERAL ADDITIONAL VEHICLES/PIECES OF EQUIPMENT ARE PRESENT AT VARIOUS POINTS IN THE AREA.

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SITE 17 -- AN ACCESS ROAD IS BEING CONSTRUCTED FROM A POINT ON THE ACCESS ROAD TO SITE 12. TRACKING IN THE SNOW AND ADDITIONAL DITCHING ARE EVIDENCE OF CONTINUING CONSTRUCTION. NO SIGNIFICANT CHANGE IS OBSERVED.

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TYURATAM LAUNCH GROUP I (SITE 14) UR 4554N 06320E

25X1

THE SILO DOOR IS IN THE OPEN POSITION. AT LEAST 7 VEHICLES/PIECES OF EQUIPMENT ARE ON THE HARDSTAND NEAR THE SILO.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR

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KH-7 MISSION 4035, 6-13 DEC 1966

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PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1

TYURATAM LAUNCH GROUP I (SITES I5, I6) UR 4559N 06333E

25X1

ONLY SITE I6 IS COVERED.

NO SIGNIFICANT CHANGE OBSERVED.

25X1

TYURATAM LAUNCH COMPLEX J UR 4555N 06317E

AT LAUNCH AREA J1-J2, THE CRANE PREVIOUSLY OBSERVED UNDER CONSTRUCTION FORWARD OF PAD J1 NOW APPEARS COMPLETE AT A HEIGHT OF APPROXIMATELY 320 FT. A BOOM ATTACHED AT THE 245-FT LEVEL EXTENDS HIGHER THAN THE VERTICAL SUPERSTRUCTURE OF THE CRANE. THE FOUNDATION FOR A SIMILAR CRANE IS NOW VISIBLE IN AN ANALOGOUS POSITION FORWARD OF PAD J2. A LOW CIRCULAR STRUCTURE HAS BEEN CONSTRUCTED ON TOP OF THE NEARLY SQUARE BUILDING FORWARD OF PAD J1 AND A CYLINDRICAL STRUCTURE HAS BEEN CONSTRUCTED JUST TO THE NORTH. A CONDUIT HAS BEEN BUILT EXTENDING SOUTH A SHORT DISTANCE FROM THE SOUTH WALL OF THE NEARLY SQUARE BUILDING, THEN EAST, THEN NORTH, AND THEN EAST AGAIN TOWARD THE ARCUATE-SHAPED CONDUIT. THE NEARLY SQUARE BUILDING FORWARD OF PAD J2 APPEARS COMPLETE, BUT IT DOES NOT, AS YET, SUPPORT A CIRCULAR STRUCTURE ON ITS TOP. AT PAD J1, A RECTANGULAR STRUCTURE HAS BEEN CONSTRUCTED ON TOP OF EACH WALL OF THE NORTHWESTERLY FLUME OF THE BLAST DEFLECTOR AND A SIMILAR STRUCTURE IS ON TOP OF THE SOUTHERN WALL OF THE NORTHEASTERLY FLUME. SIMILAR STRUCTURES APPEAR TO BE UNDER CONSTRUCTION AT THE SAME RELATIVE POSITIONS AT PAD J2. A LARGE DITCH HAS BEEN OPENED PARALLEL TO THE PREVIOUSLY CLOSED DITCH CONTAINING THE LARGE SQUARE CONDUIT WHICH JOINS THE SOUTH CENTRAL PART OF THE LAUNCH AREA WITH THE SOUTHERLY FLUME OF THE BLAST DEFLECTOR AT PAD J1 AND A LARGE EXCAVATION HAS BEEN DUG ADJACENT TO IT ON THE NORTH. A SIMILAR EXCAVATION HAS BEEN DUG ADJACENT TO THE LARGE CONDUIT NEAR PAD J2. A BUILDING IS UNDER CONSTRUCTION IN THE RECENTLY REPORTED EXCAVATION ON THE SE SIDE OF THE CENTER OF THE LAUNCH AREA. A LARGE DITCH IS BEING OPENED NORTHEASTWARD FROM THE FORWARD FENCE LINE OF THE LAUNCH AREA TOWARD A DRY LAKE LOCATED

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**TOP SECRET**

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**KH-7 MISSION 4035, 6-13 DEC 1966**

**DOWN RANGE OF THE AREA.**

AN AREA OF NEW CONSTRUCTION ACTIVITY IS NE OF THE MISSILE ASSEMBLY AND CHECKOUT FACILITY, JUST EAST OF AND NEAR THE FIRST MAJOR CURVE IN THE GANTRY TRACK FOUNDATION. ACTIVITY CONSISTS OF ONE RECTANGULAR AREA OF EARTH GRADING AND ANOTHER, LARGER, IRREGULARLY SHAPED AREA OF GRADING/SHALLOW EXCAVATION NEAR A PREVIOUSLY IDENTIFIED CROSS-OVER IN THE GANTRY TRACK FOUNDATIONS. RECENTLY OPENED DITCHING NEAR THIS CROSS-OVER, WHICH EXTENDS TOWARD THE NEW AREA OF GRADING/SHALLOW EXCAVATION, INDICATES THE GANTRY TRACK FOUNDATIONS WILL BE EXTENDED INTO THIS AREA. A NARROW SWATH OF EARTH GRADING, COMPRISED OF AREAS OF CUT AND AREAS OF FILL, HAS BEEN PREPARED EXTENDING FROM A POINT EAST OF THE GANTRY TRACK FOUNDATION WESTERLY ACROSS THE FOUNDATION TO A POINT NEAR THE ABOVE-GROUND CONDUIT WHICH CONNECTS THE LAUNCH AREA WITH THE PROBABLE CONTROL BUILDING NEAR THE MISSILE ASSEMBLY BUILDING.

A NEW RAIL SPUR HAS BEEN CONSTRUCTED WITHIN THE MISSILE ASSEMBLY AND CHECKOUT FACILITY JUST NE OF THE SEPARATELY SECURED RECEIVING AREA AND PARALLEL TO THE ONE SERVING THE MATERIEL STORAGE YARD.

CONSTRUCTION CONTINUES IN THE PROBABLE ADMINISTRATION/HOUSING AND TECHNICAL SUPPORT AREA. TWO OF THE 3 LARGE MULTISTORY MASONRY BUILDINGS WHICH HAVE BEEN UNDER CONSTRUCTION APPEAR COMPLETE AND CONSTRUCTION CONTINUES ON THE OTHER. NEW DITCHING HAS BEEN OPENED AT SEVERAL POINTS WITHIN THE AREA.

CONSTRUCTION CONTINUES AT THE FACILITY LOCATED 3.2 NM SW OF THE MISSILE ASSEMBLY BUILDING, ALTHOUGH NO SIGNIFICANT CHANGES ARE OBSERVED.

(SEE ATTACHMENT)



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**PERM ICBM COMPLEX**

**UR 5742N 05619E**



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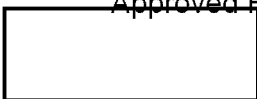
FIFTEEN LAUNCH SITES, 12 OF WHICH ARE SINGLE SILOS, ARE COVERED BY 3 PASSES OF PHOTOGRAPHY OF FAIR-TO-POOR INTERPRETABILITY. ONE PASS CAN BE IDENTIFIED ONLY. NO NEW MISSILE FACILITIES ARE OBSERVED WITHIN THE CLOUD-FREE PORTIONS OF THE 50-NM SEARCH AREA COVERED BY

8

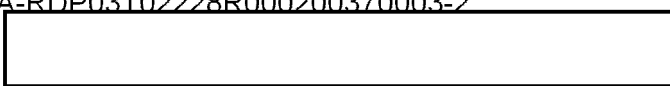


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**KH-7 MISSION 4035, 6-13 DEC 1966**

**PHOTOGRAPHY.**

**WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.**

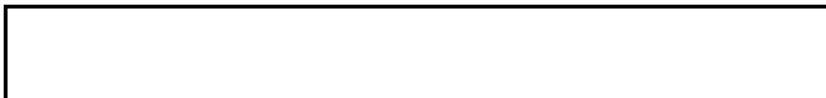


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**PERM ICBM LAUNCH SITE 2**

**UR 5743N 05555E**

**ONE MISSILE IS IN FRONT OF THE RIGHT MISSILE-READY BUILDING.**



25X1

25X1

**PERM ICBM LAUNCH SITE 4**

**UR 5741N 05604E**

**IDENTIFICATION ONLY.**



25X1

**PERM ICBM LAUNCH SITE 5**

**UR 5741N 05547E**

**ONE POSSIBLE MISSILE IS IN FRONT OF THE RIGHT MISSILE-READY BUILDING BEHIND THE LEFT PAD.**

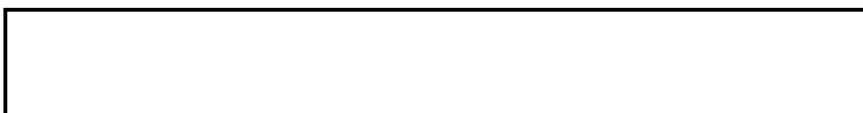


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**PERM ICBM LAUNCH SITE 6**

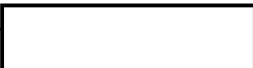
**UR 5744N 05600E**

**NO SIGNIFICANT ACTIVITY OBSERVED.**



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**KH-7 MISSION 4035, 6-13 DEC 1966**

**PERM ICBM LAUNCH SITE 7 (G)**

**UR 5742N 05600E**

**IDENTIFICATION ONLY.**

[Redacted]

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**PERM ICBM LAUNCH SITE 8 (I)**

**UR 5742N 05554E**

**IDENTIFICATION ONLY.**

[Redacted]

25X1

**PERM ICBM LAUNCH SITE 10 (I)**

**UR 5742N 05550E**

**THE LAUNCH SITE IS NOW COMPLETE. NO SIGNIFICANT  
ACTIVITY IS OBSERVED.**

[Redacted]

25X1

**PERM ICBM LAUNCH SITE 11 (G)**

**UR 5743N 05606E**

**IDENTIFICATION ONLY.**

[Redacted]

25X1

**PERM ICBM LAUNCH SITE 16 (I)**

**UR 5745N 05546E**

**THE LAUNCH SITE IS NOW COMPLETE. NO OTHER SIGNIFICANT  
ACTIVITY OBSERVED.**

[Redacted]

25X1

**PERM ICBM LAUNCH SITE 17 (I)**

**UR 5746N 05549E**

**NO SIGNIFICANT ACTIVITY OBSERVED.**

[Redacted]

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KH-7 MISSION 4035, 6-13 DEC 1966

PERM ICBM LAUNCH SITE 22 (I)

UR 5743N 05538E

25X1

THE STAGE OF CONSTRUCTION IS UNDETERMINED.

[Redacted]

25X1

PERM ICBM LAUNCH SITE 25 (I)

UR 5750N 05548E

THE LAUNCH SITE IS NOW COMPLETE.

[Redacted]

25X1

PERM ICBM LAUNCH SITE 38 (I)

UR 5747N 05545E

NO SIGNIFICANT ACTIVITY OBSERVED.

[Redacted]

25X1

PERM ICBM LAUNCH SITE 39 (I)

UR 5745N 05542E

IDENTIFICATION ONLY.

[Redacted]

25X1

PERM ICBM LAUNCH SITE 41 (I)

UR 5740N 05550E

IDENTIFICATION ONLY.

[Redacted]

25X1

PERM ICBM LAUNCH SITE 43 (I)

UR 5740N 05538E

IDENTIFICATION ONLY.

[Redacted]

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**TOP SECRET**

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KH-7 MISSION 4035, 6-13 DEC 1966

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[REDACTED]

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UZHUR ICBM COMPLEX

UR 5517N 08949E

25X1

SEVENTEEN LAUNCH SITES AND THE TRANSFER POINT ARE COVERED BY PHOTOGRAPHY OF POOR INTERPRETABILITY. TWO TYPE IIIC SITES ARE NEWLY IDENTIFIED. LAUNCH SITE 24, LOCATED AT 55-08N 089-17E, IS IN THE MID-STAGE OF CONSTRUCTION. IT CAN BE NEGATED ON

[REDACTED]

25X1

LAUNCH SITE 25, LOCATED AT 55-08N 089-26E, IS IN THE MID-STAGE OF CONSTRUCTION. IT CAN BE NEGATED ON

[REDACTED] AND IS FIRST OBSERVED ON THIS MISSION. NO OTHER NEW MISSILE FACILITIES ARE OBSERVED WITHIN THE LIMITS OF PHOTOGRAPHY.

25X1

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

PHOTO REFERENCES FOR THE NEW SITES --

- LAUNCH SITE 24 - [REDACTED]
- LAUNCH SITE 25 - [REDACTED]

25X1

[REDACTED]

25X1

UZHUR ICBM LAUNCH SITE 1 (A)

UR 5520N 08943E

25X1

THE ENTIRE SITE SUPPORT FACILITY HAS BEEN REMOVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

[REDACTED]

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UZHUR ICBM LAUNCH SITE 2 (A)

UR 5517N 08938E

NO SIGNIFICANT ACTIVITY.

[REDACTED]

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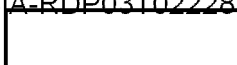
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**KH-7 MISSION 4035, 6-13 DEC 1966**

**UZHUR ICBM LAUNCH SITE 3 (A)**

**UR 5519N 08933E**

**THE SITE SUPPORT FACILITY HAS BEEN ALMOST COMPLETELY REMOVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



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**UZHUR ICBM LAUNCH SITE 4 (A)**

**UR 5517N 08926E**

**THE SITE SUPPORT FACILITY HAS BEEN REMOVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



25K1

**UZHUR ICBM LAUNCH SITE 5 (A)**

**UR 5513N 08933E**

**THE SITE SUPPORT FACILITY HAS BEEN REMOVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



25K1

**UZHUR ICBM LAUNCH SITE 6 (A)**

**UR 5524N 08940E**

**THE SITE SUPPORT FACILITY HAS BEEN REMOVED. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



25K1

**UZHUR ICBM LAUNCH SITE 9 (B)**

**UR 5513N 08922E**

**THE LAUNCH SITE IS NOW COMPLETE. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



25K1

**UZHUR ICBM LAUNCH SITE 12 (C)**

**UR 5507N 08937E**

**THE LAUNCH SITE IS NOW COMPLETE. CONSTRUCTION CONTINUES ON THE L-SHAPED ELECTRONICS FACILITY. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



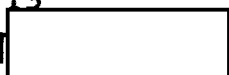
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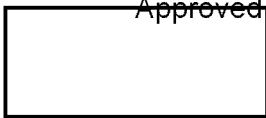


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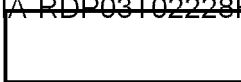
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**KH-7 MISSION 4035, 6-13 DEC 1966**



25X1

**UZHUR ICBM LAUNCH SITE 13 (C)**

**UR 5512N 08942E**

**THE LAUNCH SITE IS NOW COMPLETE. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



25X1

25X1

**UZHUR ICBM LAUNCH SITE 16 (C)**

**UR 5501N 08934E**

**THE LAUNCH SITE IS NOW COMPLETE. NO SIGNIFICANT ACTIVITY OBSERVED.**

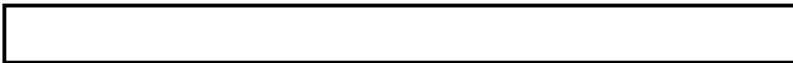


25X1

**UZHUR ICBM LAUNCH SITE 19 (X)**

**UR 5516N 08944E**

**THE LAUNCH SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. NO SIGNIFICANT ACTIVITY OBSERVED.**



25X1

**UZHUR ICBM LAUNCH SITE 20 (D)**

**UR 5500N 08916E**

**IDENTIFICATION ONLY.**



25X1

**UZHUR ICBM LAUNCH SITE 21 (D)**

**UR 5503N 08925E**

**THE LAUNCH SITE IS IN THE MID-STAGE OF CONSTRUCTION. AN L-SHAPED ELECTRONIC FACILITY AND CONTROL BUNKER ARE UNDER CONSTRUCTION WITHIN THE SECURITY FENCING. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.**



25X1

**UZHUR ICBM PROB LAUNCH SITE 22 (D)**

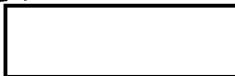
**UR 5456N 08927E**

**IDENTIFICATION ONLY.**



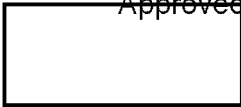
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**TOP SECRET**



25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**



25X1

**UZHUR ICBM LAUNCH SITE 23 (D)**

**UR 5456N 08915E**

THE LAUNCH SITE CAN NOW BE CONFIRMED AND IS IN THE MID-STAGE OF CONSTRUCTION.



25X1

25X1

**UZHUR ICBM RAIL-TO-ROAD TRANSFER POINT**

**UR 5516N 08944E**

APPROXIMATELY 16 VEHICLES/PIECES OF EQUIPMENT ARE NEAR THE MISSILE-HANDLING BUILDINGS. AN AREA OF UNIDENTIFIED CONSTRUCTION IS ON THE EAST SIDE OF THE TRANSFER POINT OUTSIDE THE SECURITY FENCE. NO OTHER SIGNIFICANT ACTIVITY OBSERVED.

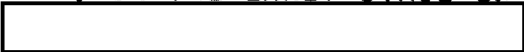


25X1

**IMENI GASTELLO ICBM COMPLEX**

**UR 5106N 06618E**

THE WESTERN PORTION OF THE COMPLEX IS COVERED BY ONE PASS OF PHOTOGRAPHY OF FAIR INTERPRETABILITY. OF THE KNOWN 24 LAUNCH SITES, ONLY 5 SITES ARE COVERED BY PHOTOGRAPHY, INCLUDING ONE NEW SITE DESIGNATED 24D. IT IS THE FIFTH KNOWN SITE IN THE D GROUP, AND IS LOCATED 24 NM NW OF THE COMPLEX SUPPORT FACILITY AT 51-26N 065-57E. THE SITE, IN THE EARLY STAGE OF CONSTRUCTION, CAN BE NEGATED



25X1

CABLING AND A GOOD ROAD SYSTEM ARE OBSERVED BETWEEN THE 3 SITES COVERED IN THE C GROUP. A SMALL FLAT-ROOFED BUILDING HAS BEEN CONSTRUCTED BETWEEN THE SECURITY FENCES ADJACENT TO THE SITE ACCESS ROAD. THIS TYPE OF BUILDING AT OTHER COMPLEXES HAS BEEN OBSERVED TO BE ARCH-ROOFED. CABLING IS ALSO OBSERVED BETWEEN THE 2 SITES COVERED IN THE D GROUP. NO OTHER NEW MISSILE-RELATED ACTIVITY OBSERVED IN THE PORTIONS OF THE SEARCH AREA COVERED BY THE LIMITS OF THE PHOTOGRAPHY.

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

**TOP SECRET**



25X1

25X1

**TOP SECRET**

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

25X1

PHOTO REFERENCES FOR SITE 24D ---

25X1

25X1

IMENI GASTELLO ICBM LAUNCH SITE 15 (C) UR 5054N 06534E

25X1

THE LAUNCH SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. THE SILO LINER IS NO LONGER ON THE RECTANGULAR MOUND. A CRANE IS VISIBLE ON THE HEADWORKS. A PROBABLE SILO DOOR IS ON THE SQUARE MOUND. A FLAT-ROOFED BUILDING IS BETWEEN THE SECURITY FENCES ADJACENT TO THE SITE ACCESS ROAD.

25X1

IMENI GASTELLO ICBM LAUNCH SITE 17 (C) UR 5101N 06541E

THE LAUNCH SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. A SILO LINER IS ON THE RECTANGULAR MOUND AND THE SILO DOOR IS UNDER CONSTRUCTION ON THE SQUARE MOUND. CONSTRUCTION CONTINUES ON THE CONTROL BUNKER FOR THE ELECTRONICS FACILITY WHICH APPEARS COMPLETE BUT UNMOUNDED. THE LEGS OF THE L ARE NOT VISIBLE ALTHOUGH EXCAVATIONS FOR THE END POSITIONS ARE VISIBLE. THE 2 BUILDINGS OUTSIDE THE SECURITY FENCES, ASSOCIATED WITH THE CONTROL FACILITY, REMAIN UNDER CONSTRUCTION. ONE OF THE BUILDINGS HAS BEEN ROOFED BUT IS NOT ARCH-ROOFED. CONSTRUCTION ON THE THIRD BUILDING HAS NOT BEGUN. A FLAT-ROOFED BUILDING HAS BEEN CONSTRUCTED BETWEEN THE SECURITY FENCES ADJACENT TO THE SITE ACCESS ROAD.

25X1

IMENI GASTELLO ICBM LAUNCH SITE 18 (C) UR 5100N 06531E

THE LAUNCH SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. THE SILO LINER IS NO LONGER ON THE RECTANGULAR MOUND. THE SILO DOOR IS ON THE SQUARE MOUND. A CRANE IS VISIBLE ON THE HEADWORKS. A FLAT-ROOFED BUILDING IS BETWEEN THE SECURITY FENCES ADJACENT TO THE SITE ACCESS ROAD.

25X1

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25X1

25X1

TOP SECRET

25X1

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

IMENI GASTELLO ICBM LAUNCH SITE 22 (D) UR 5126N 06608E

25X1

THE LAUNCH SITE REMAINS IN AN EARLY STAGE OF CONSTRUCTION. CORING ACTIVITY IS VISIBLE.

25X1

TATISHCHEVO ICBM COMPLEX UR 5140N 04534E

THE COMPLEX IS COVERED ON THREE PASSES OF PHOTOGRAPHY, TWO OF WHICH ARE COMPLETELY CLOUD COVERED. THREE NEWLY IDENTIFIED TYPE IIID LAUNCH SITES AND 1 POSSIBLE TYPE IIID LAUNCH SITE ARE OBSERVED IN THE K GROUP LOCATED ON THE EAST SIDE OF THE COMPLEX. SITE 132 IS APPROXIMATELY 22 NM NE OF THE COMPLEX SUPPORT FACILITY AT 51-52N 046-04E. THE SITE CAN BE NEGATED ON MISSION [REDACTED] AND IS FIRST SEEN ON THIS MISSION. SITE 133 IS APPROXIMATELY 18 NM EAST OF THE COMPLEX SUPPORT FACILITY AT 51-45N 046-01E. THE SITE CAN BE NEGATED ON [REDACTED] AND IS FIRST SEEN ON MISSION [REDACTED]. SITE 134 IS APPROXIMATELY 15 NM EAST OF THE COMPLEX SUPPORT FACILITY AT 51-44N 045-56E. THE SITE CAN BE NEGATED [REDACTED] AND IS FIRST SEEN ON [REDACTED]. POSSIBLE SITE 135 IS APPROXIMATELY 28 NM NE OF THE COMPLEX SUPPORT FACILITY AT 51-54N 046-12E. THE SITE CAN BE NEGATED ON THIS MISSION. NO OTHER ACTIVITY IS OBSERVED IN THE SEARCH AREA.

25X1

25X1

25X1

25X1

25X1

PHOTO REFERENCES FOR THE SITES ON [REDACTED] ARE AS FOLLOWS --

25X1

SITE 132 -- [REDACTED]

25X1

SITE 133 -- [REDACTED]

SITE 134 -- [REDACTED]

POSSIBLE SITE 135 -- [REDACTED]

25X1

WHERE MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES ARE OBSERVED AT INDIVIDUAL COMPLEX TARGETS, THEY ARE REPORTED. OTHERWISE, ONLY THE PHRASE NO SIGNIFICANT ACTIVITY WILL APPEAR. IF THE TARGET IS AN INCOMPLETE LAUNCH SITE, THE CONSTRUCTION STATUS WILL BE REPORTED.

25X1

TOP SECRET

25X1

25X1

**TOP SECRET**

25X1

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

TATISHCHEVO ICBM LAUNCH SITE 1 (A) UR 5148N 04539E

IDENTIFICATION ONLY.

[Redacted]

25X1

25X1

TATISHCHEVO ICBM LAUNCH SITE 2 (A) UR 5151N 04541E

IDENTIFICATION ONLY.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 3 (A) UR 5148N 04545E

IDENTIFICATION ONLY.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 5 (A) UR 5145N 04541E

NO ACTIVITY OBSERVED.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 45 (E) UR 5152N 04546E

CONSTRUCTION STATUS IS UNDETERMINED.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 47 (E) UR 5155N 04543E

IDENTIFICATION ONLY.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 76 (E) UR 5151N 04557E

THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

**TOP SECRET**

[Redacted]

[Redacted]

25X1

25X1



**TOP SECRET**

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

25X1

TATISHCHEVO ICBM LAUNCH SITE 77 (E) UR 5155N 04549E

25X1

SILO ACCESS IS COMPLETED AND CABLING BETWEEN THE SITES IN LAUNCH GROUP E IS IN PROGRESS. THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 80 UR 5201N 04545E

IDENTIFICATION ONLY.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 82 (E) UR 5152N 04552E

THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 94 (H) UR 5159N 04602E

THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION. CONTROL BUILDINGS ARE COMPLETE BUT NOT EARTH COVERED. GROUP SUPPORT BUILDINGS ARE UNDER CONSTRUCTION.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 95 UR 5206N 04555E

CONSTRUCTION STATUS IS UNDETERMINED.

[Redacted]

25X1

TATISHCHEVO ICBM LAUNCH SITE 96 UR 5204N 04605E

THE SITE IS IN THE MID-STAGE OF CONSTRUCTION.

[Redacted]

25X1

**TOP SECRET**

25X1

25X1

**TOP SECRET**

25X1

25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**

**TATISHCHEVO ICBM LAUNCH SITE 100** UR **5159N 04543E**

**IDENTIFICATION ONLY.**

[REDACTED]

25K1

25K1

**TATISHCHEVO ICBM LAUNCH SITE 101** UR **5201N 04556E**

**THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.**

[REDACTED]

25K1

**TATISHCHEVO ICBM LAUNCH SITE 102** UR **5204N 04600E**

**CONSTRUCTION STATUS IS UNDETERMINED.**

[REDACTED]

25K1

**TATISHCHEVO ICBM LAUNCH SITE 103** UR **5158N 04550E**

**THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.**

[REDACTED]

25K1

**TATISHCHEVO ICBM LAUNCH SITE 119** UR **5203N 04551E**

**CONSTRUCTION STATUS IS UNDETERMINED.**

[REDACTED]

25K1

**TATISHCHEVO ICBM LAUNCH SITE 120** UR **5154N 04555E**

**THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.**

[REDACTED]

25K1

**TATISHCHEVO ICBM LAUNCH SITE 121** UR **5148N 04558E**

**THE SITE IS IN THE MID-STAGE OF CONSTRUCTION.**

[REDACTED]

25X1

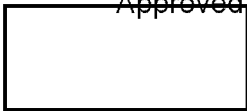
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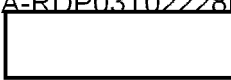
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25X1

25X1



**TOP SECRET**



25X1

KH-7 MISSION 4035, 6-13 DEC 1966



25X1

TATISHCHEVO ICBM LAUNCH SITE 122

UR 5158N 04554E

THE SITE REMAINS IN THE MID-STAGE OF CONSTRUCTION.



25X1

25X1

TATISHCHEVO ICBM LAUNCH SITE 124 (K)

UR 5151N 04608E

CONSTRUCTION STATUS IS UNDETERMINED. CONTROL BUILDINGS ARE UNDER CONSTRUCTION IN THE EXCAVATIONS. TWO GROUP SUPPORT BUILDINGS HAVE FOUNDATIONS AND CONSTRUCTION OF THE WALLS ON THE LARGER BUILDING HAS BEGUN.



25X1

TATISHCHEVO ICBM LAUNCH SITE 125

UR 5147N 04604E

THE LAUNCH SITE IS CONFIRMED. CONSTRUCTION STATUS IS UNDETERMINED.



25X1

TATISHCHEVO ICBM LAUNCH SITE 126

UR 5157N 04602E

THE LAUNCH SITE IS CONFIRMED AND IN THE MID-STAGE OF CONSTRUCTION.



25X1

TATISHCHEVO ICBM LAUNCH SITE 127

UR 5157N 04608E

THE SITE IS CONFIRMED AND IN THE MID-STAGE OF CONSTRUCTION.

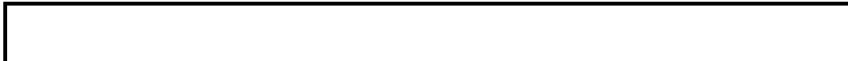


25X1

TATISHCHEVO ICBM LAUNCH SITE 128

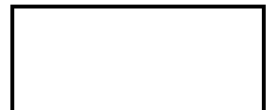
UR 5158N 04612E

THE SITE IS CONFIRMED AND IN THE MID-STAGE OF CONSTRUCTION.



25X1

**TOP SECRET**



25X1

25X1

**TOP SECRET**

25X1

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

TATISHCHEVO ICBM LAUNCH SITE 129

UR 5200N 04609E

25X1

THE SITE IS CONFIRMED AND IN THE MID-STAGE OF CONSTRUCTION.

[REDACTED]

25X1

TATISHCHEVO ICBM COMPLEX SUPPORT FACILITY UR 5140N 04534E

CONSTRUCTION CONTINUES IN THE HOUSING AND ADMINISTRATION AREAS. A POSSIBLE EARTH-COVERED, ARCH-ROOFED BUILDING HAS BEEN CONSTRUCTED AT THE NORTH SIDE OF THE HARDENED COMMUNICATION CENTER.

[REDACTED]

25X1

ANASTASYEVKA MRBM LAUNCH SITE 1

UR 4834N 13537E

A MISSILE IS ERECTED ON THE NORTHERN LAUNCH PAD. EACH OF THE OTHER LAUNCH POSITIONS IS OCCUPIED BY AN ERECTOR/LAUNCHER. THREE FUEL TRAILERS AND 8 OXIDIZER TRAILERS ARE LOCATED IN THEIR RESPECTIVE AREAS. TWO OXIDIZER TRAILERS WITH PRIME MOVERS APPEAR TO BE MOVING FROM THE AREA. TWO NOSECONE VANS AND A SMALLER VEHICLE ARE PRESENT IN THE [REDACTED]

25X1

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

[REDACTED]

25X1

ANASTASYEVKA MRBM LAUNCH SITE 2

UR 4836N 13541E

AN ERECTOR/LAUNCHER OCCUPIES EACH OF THE LAUNCH PADS. EIGHT OXIDIZER TRAILERS ARE IN THE OXIDIZER AREA. A PROBABLE MISSILE ON A TRANSPORTER IS ALONG THE NORTHERN MISSILE-READY BUILDING.

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

[REDACTED]

25X1

**TOP SECRET**

25X1

25X1

**TOP SECRET**

25X1

25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**

**SHUANG-CHENG-TZU MISSILE TEST CENTER**

**CH 4107N 10020E**

25X1

**NO NEW MISSILE FACILITIES ARE OBSERVED IN THE PORTION OF THE 50-NM SEARCH AREA COVERED BY PHOTOGRAPHY.**

25X1

**SHUANG-CHENG-TZU MTC LAUNCH COMPLEX B**

**CH 4115N 10018E**

**LAUNCH COMPLEX B APPEARS COMPLETE. PHOTOGRAPHIC COVERAGE OF THE COMPLEX IS PARTIAL, MONOSCOPIC, AND OF POOR INTERPRETABILITY BECAUSE OF ITS LOCATION IN THE YAW SLIT ON THE EXTREME MARGIN OF THE FRAME.**

**THE FOLLOWING CHANGES ARE OBSERVED -- THE PAD AND VISIBLE PORTIONS OF THE LOOP ACCESS ROAD APPEAR COMPLETELY SURFACED WITH CONCRETE. THE CIRCULAR EXCAVATION NORTH OF THE PAD IS BACKFILLED, EARTH MOUNDED, AND CAN BE IDENTIFIED AS THE CONTROL BUNKER. THE GANTRY HAS BEEN MOVED FORWARD APPROXIMATELY HALF THE DISTANCE TO THE LAUNCH POINT. THE CONSTRUCTION STATUS OF THE LAUNCH POINT IS UNDETERMINED. THE 2 LIQUID STORAGE TANKS HAVE BEEN COVERED AND EARTH MOUNDED. THE DITCHES HAVE BEEN BACKFILLED AND A GENERAL CLEAN-UP OF THE AREA HAS TAKEN PLACE. AN UNIDENTIFIED OBJECT IS OBSERVED ON THE REAR EDGE OF THE PAD, CENTERED BETWEEN THE GANTRY RAILS.**

25X1

**SHUANG-CHENG-TZU MTC LAUNCH COMPLEX C**

**CH 4118N 10017E**

25X1

**THE PROBABLE SERVICE TOWER IS STILL ERECTED AT THE REAR OF PAD C-2 (THE NORTHERN AND NEWER PAD). THE PAD NOW APPEARS EXTERNALLY COMPLETE. AT LEAST 3 VEHICLES/PIECES OF EQUIPMENT ARE IN THE LAUNCH COMPLEX C CHECKOUT AREA.**

25X1

**SHUANG-CHENG-TZU MTC LCH CPLX D**

**CH 4122N 10015E**

**THE COMPLEX IS INACTIVE. NO EQUIPMENT IS OBSERVED.**

25X1

**TOP SECRET**

25X1

25X1

TOP SECRET

25X1

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

OMSK ROCKET ENGINE TEST FAC GORNAYA BITIYA UR 5525N 07317E

25X1

CONSTRUCTION ACTIVITY CONSISTING OF 2 EXCAVATIONS AND PROBABLE FOOTINGS FOR A BUILDING ARE EVIDENT OUTSIDE THE SECURED AREA OF THE TEST FACILITY ADJACENT TO THE OLD HOUSING/STORAGE AREA IMMEDIATELY SW OF THE TEST FACILITY. CONSTRUCTION ACTIVITY IS ALSO EVIDENT IN THE SW CORNER OF THE FACILITY, NEAR THE PROBABLE WATER TOWER. A LARGE CRANE IN OPERATION ON THE SOUTH SIDE OF TEST STAND NO 1, AND EXTENSIVE TRACK ACTIVITY AND SPOIL IN THE VICINITY OF THE STAND, SUGGEST THAT THE STAND IS BEING MODIFIED. TEST STAND NO 2 APPEARS TO BE STRUCTURALLY COMPLETE. NO MISSILES OR EVIDENCE OF RECENT TEST ACTIVITY OBSERVED.

[Redacted]

25X1

PEI-CHING AIRFRAME PLANT

CH 3948N 11625E

RESOLUTION AND HAZE PRECLUDE IDENTIFICATION OF RAIL CARS OR LEVEL OF PLANT ACTIVITY. SEE PEI-CHING/NAM-YUAN AIRFIELD, [Redacted] FOR AIRCRAFT COUNT.

25X1

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

[Redacted]

25X1

LAO CAI SAM SEARCH

VN 2229N 10359E

THE NE AND SE PORTIONS OF THE 60-NM SEARCH AREA ARE COVERED BY 50-80 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM INSTALLATIONS IDENTIFIED.

25X1

[Redacted]

KOSHLASH LANGAR SUSPECT MISSILE TEST AREA CH 3804N 08032E

AN APPROXIMATELY 15 X 30-NM PORTION OF THE CENTER OF THE 50-NM SEARCH AREA IS COVERED BY CLOUD-FREE PHOTOGRAPHY. NO MISSILE-ASSOCIATED ACTIVITY OR FACILITIES ARE OBSERVED.

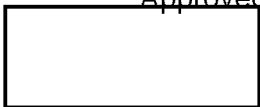
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TOP SECRET

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**TOP SECRET**



**KH-7 MISSION 4035, 6-13 DEC 1966**

25X1

25X1

**HSING-LUNG-CHUANG SAM SEARCH AREA CH 3655N 10051E**

APPROXIMATELY 10 PERCENT OF THE EASTERN AND CENTRAL PORTIONS OF THE 50-NM SEARCH AREA IS COVERED BY CLOUD-FREE PHOTOGRAPHY. NO NEW SAM INSTALLATIONS IDENTIFIED.



25X1

25X1

**LAN-CHOU SAM SEARCH AREA CH 3609N 10330E**

APPROXIMATELY 5 PERCENT OF THE SEARCH AREA, INCLUDING THE CITY OF LAN-CHOU, IS COVERED BY CLOUD-FREE PHOTOGRAPHY. THERE IS NO EVIDENCE OF PREVIOUSLY UNREPORTED SAM OR MISSILE-ASSOCIATED ACTIVITY.



25X1

**TAN-YUAN SAM SEARCH AREA CH 3759N 11232E**

FIVE PERCENT OF THE SW PORTION OF THE SEARCH AREA IS COVERED BY CLEAR PHOTOGRAPHY. NO SAM ACTIVITY OBSERVED.



25X1

**PETROPAVLOVSK NAVAL BASE TARYA BAY UR 5255N 15834E**

OB -- 1 N-CLASS SSN, 6 UNIDENTIFIED SS (ONE IN TRANSPORTER DOCK), 1 ZEYA-CLASS YRSN, 1 BOLVA-CLASS APL, AND 5 UNIDENTIFIED SURFACE VESSELS.

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



25X1

**PETROPAVLOVSK NAVAL MISSILE STORAGE UR 5257N 15827E**

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



25X1

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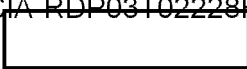


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25X1



**TOP SECRET**



25X1

25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**

**PETROPAVLOVSK NVL MSL SUPPORT FACILITY UR 5257N 15829E**

**OB -- 1 UNIDENTIFIED SURFACE VESSEL.**

**NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.**



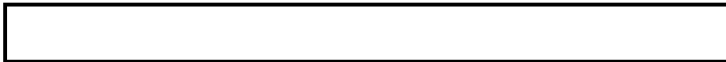
25X1

25X1

**VLADIMIR SUBMARINE BASE UR 4356N 13528E**

**OB -- AT PIERS -- 1 PROBABLE W-CLASS SS, 1 PROBABLE L-II-CLASS OSS, AND 1 PROBABLE SHCH-IV-CLASS OSS AGROUND.**

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



25X1

**MURASHI PROB LONG RANGE SAM LCH CPLX UR 5928N 04850E**

**IDENTIFICATION ONLY.**



25X1

**BABAYEVO PROBABLE LR SAM LCH CPLX UR 5933N 03520E**

**THE COMPLEX IS NOW CONFIRMED AS A PROBABLE LONG RANGE SAM LAUNCH COMPLEX UNDER CONSTRUCTION. CONSIDERABLE CONSTRUCTION HAS OCCURED SINCE [REDACTED] THE COMPLEX IS ENCLOSED BY DOUBLE SECURITY FENCING AND CONSISTS OF 3 LAUNCH SITES, A TRACKING/GUIDANCE FACILITY, AND A SUPPORT AREA. LAUNCH POSITION REVETMENTS ARE UNDER CONSTRUCTION AT EACH LAUNCH SITE AND CONTROL CENTERS ARE UNDER CONSTRUCTION AT 2 OF THE SITES. AT THE TRACKING/GUIDANCE FACILITY, THE RADAR POSITIONS ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION AND THE CONTROL CENTER IS IN THE MID-STAGE OF CONSTRUCTION. THREE SUPPORT BUILDINGS ARE OUTSIDE THE SECURITY FENCING JUST WEST OF THE LAUNCH AREA. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE DISCERNIBLE.**

25X1



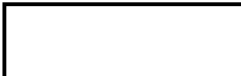
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**TOP SECRET**





**TOP SECRET**

25X1

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

ANGARSK PROB LONG RANGE SAM LAUNCH CPLX UR 5242N 10402E

25X1

THE COMPLEX IS OBSERVED ON NON-STEREO PHOTOGRAPHY WITH INTERPRETABILITY LIMITED BY HAZE AND SNOW COVER. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE DISCERNIBLE. COMPLEX FACILITIES ARE IN AN EARLY-TO-MID STAGE OF CONSTRUCTION. A PROBABLE EXCAVATION IS NEWLY OBSERVED SINCE [REDACTED] AT THE LAUNCH POINT OF EACH POSITION AT THE 3 LAUNCH SITES. LAUNCH POSITION REVETMENTS ARE NOT DISCERNIBLE. CONSTRUCTION STATUS OF THE TRACKING/GUIDANCE FACILITY IS UNDETERMINED. A NEW SUPPORT BUILDING AND ANOTHER BUILDING IN AN INITIAL CONSTRUCTION STAGE ARE LOCATED IN A CLEARING AT THE NORTHERN EDGE OF THE COMPLEX.

25X

THE AIR WARNING FACILITY 4.5 NM SSE OF THE LAUNCH COMPLEX IS PROBABLY IN THE MID-STAGE OF CONSTRUCTION. THE 4 RADAR MOUNDS ARE UNOCCUPIED. A PROBABLE CONTROL BUILDING IS NEWLY OBSERVED UNDER CONSTRUCTION.

25X1

[REDACTED]

CHAN-CHIANG POSSIBLE SAM SITE

CH 2123N 11011E

25X1

THE SITE NO LONGER EXISTS. THE 4 PREVIOUSLY REPORTED LAUNCH POSITIONS ARE COMPLETELY OVERGROWN WITH VEGETATION. THE CENTRAL GUIDANCE AREA NOW CONSISTS OF A SMALL CLEARING CONTAINING A SHED. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE IN THE AREA.

25X1

[REDACTED]

LAN-CHOU SAM SITE B03-2

CH 3621N 10355E

EACH OF THE 6 REVETTED LAUNCH POSITIONS CONTAINS A LAUNCHER AND AN SA-2 MISSILE TRANSPORTER WITH A CANVAS-TYPE COVER. THE CENTRAL GUIDANCE AREA IS OCCUPIED BY A FAN SONG RADAR AND 6 SUPPORT VANS. ELEVEN OTHER SA-2 TRANSPORTERS WITH PRIME MOVERS AND APPROXIMATELY 10 TRUCK-TYPE VEHICLES ARE VISIBLE. FORTY-FIVE TENTS ARE OBSERVED IN THE SUPPORT AREAS.

25X1

[REDACTED]

**TOP SECRET**

25X1

25X1

**TOP SECRET**

**KH-7 MISSION 4035, 6-13 DEC 1966**

**PAO-TOU SAM SITE A05-2**

**CH 4043N 11002E**

THE SITE CONSISTS OF 6 REVETTED/FENCED LAUNCH POSITIONS, EACH OCCUPIED BY A LAUNCHER AND CANVAS-COVERED TRANSPORTER. THE CENTRAL GUIDANCE AREA IS FENCED AND CONTAINS A FAN SONG RADAR AND AT LEAST 9 VANS. ONSITE SUPPORT CONSISTS OF APPROXIMATELY 45 TENTS 500 TO 550 FT NORTH AND NE OF THE LAUNCH AREA AND 7 TENTS 500 FT SOUTH OF THE LAUNCH AREA. THREE TRANSPORTERS WITH PRIME MOVERS, 3 PROBABLE PRIME MOVERS, AND OTHER VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED IN THE NORTHERN ONSITE SUPPORT AREA.

**ASWAN SAM SITE B22-2**

**EG 2356N 03244E**

SIX REVETTED LAUNCH POSITIONS ARE OCCUPIED BY LAUNCHERS ONLY. THE REVETTED CENTRAL GUIDANCE AREA IS OCCUPIED BY A FAN SONG RADAR. THREE REVETTED MISSILE-HOLD POSITIONS, EACH CONTAINING A BUILDING, ARE OBSERVED. SEVEN OTHER MISSILE-HOLD POSITIONS ARE REVETTED (ONE OCCUPIED BY 4 POSSIBLE MISSILE CANISTERS).

SITE SUPPORT CONSISTS OF 3 LARGE AND 4 SMALLER BUILDINGS AND 3 TENTS 1,000 FT NORTH OF THE LAUNCH AREA AND ONE LARGE BUILDING 500 FT WEST OF THE LAUNCH AREA. A PROBABLE ACQUISITION RADAR IS 700 FT NW OF THE LAUNCH AREA. UNIDENTIFIED CRATES ARE WITHIN THE SITE SUPPORT AREA.

**ASWAN SAM SITE B33-2**

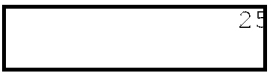
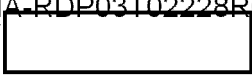
**EG 2415N 03246E**

THE SITE CONSISTS OF 6 REVETTED, UNOCCUPIED LAUNCH POSITIONS, ALL PARTIALLY FILLED WITH SAND, AND A REVETTED, UNOCCUPIED CENTRAL GUIDANCE AREA. THE 7 REVETTED MISSILE-HOLD POSITIONS ARE UNOCCUPIED. A SITE SUPPORT FACILITY CONSISTING OF 2 LARGE AND 8 OTHER BUILDINGS IS 1,000 FT SE OF THE LAUNCH AREA. TWO ALTERNATE SITES, BOTH UNOCCUPIED, ARE APPROXIMATELY 3,500 FT WEST OF THE LAUNCH AREA.

**TOP SECRET**



**TOP SECRET**



25X1  
25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**

**ASWAN SAM SITE B15-2**

**EG 2356N 03259E**

THE SITE CONSISTS OF 6 REVETTED LAUNCH POSITIONS (5 WITH LAUNCHERS AND ONE WITH A MISSILE ON LAUNCHER), A REVETTED CENTRAL GUIDANCE AREA (WITH A FAN SONG RADAR AND A BUILDING), AND 3 UNREVETTED MISSILE-HOLD AREAS (EACH WITH A BUILDING).

A LARGE PROBABLE DRIVE-THROUGH BUILDING IS IN THE NE PART OF THE LAUNCH AREA. SITE SUPPORT, 1,000 FT NE OF THE LAUNCH AREA, CONSISTS OF 3 LARGE AND 7 SMALLER BUILDINGS AND 18 TENTS.



25X1

25X1

**ASWAN SAM SITE A03-2**

**EG 2407N 03254E**

THE SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, OCCUPIED BY LAUNCHERS ONLY, A REVETTED CENTRAL GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR, ONE BUILDING, AND 4 PROBABLE TENTS, AND 3 UNREVETTED MISSILE-HOLD POSITIONS, EACH OCCUPIED BY ONE BUILDING. THE SUPPORT AREA CONTAINS 7 LARGE BUILDINGS AND 4 TENTS 1,500 FT SOUTH OF THE LAUNCH AREA AND 1 LARGE AND 2 SMALLER BUILDINGS 500 FT SW OF THE LAUNCH AREA. NO OTHER EQUIPMENT OR SECURITY FENCE OBSERVED. NO AAA SITE OBSERVED WITHIN 1 NM.



25X1

**BUR SAID SAM SITE A13-2**

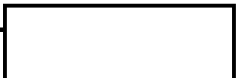
**EG 3114N 03219E**

THE SITE IS OF LINK CONFIGURATION AND CONTAINS 6 REVETTED LAUNCH POSITIONS OCCUPIED BY LAUNCHERS, A CENTRAL GUIDANCE AREA OCCUPIED BY A FAN SONG RADAR, AND A BUILDING SUPPORT AREA. TWO LARGE AND 4 SMALLER BUILDINGS AND 10 TENTS ARE 700 FT NORTH OF THE LAUNCH AREA.

THREE REVETTED MISSILE-HOLD POSITIONS HAVE PROTECTIVE COVERING, 6 REVETTED PROBABLE MISSILE-HOLD BUILDINGS ARE 1,200 FT SW OF THE LAUNCH AREA, AND 4 CARGO TRUCKS ARE IN THE SUPPORT AREA.

THE SITE, THE 6 PROBABLE MISSILE-HOLD BUILDINGS, AND THE SUPPORT AREA ARE FENCED. THE SUPPORT AREA IS ALSO

**TOP SECRET**



25X1  
25X1

**TOP SECRET**

25X1

25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**

**SEPARATED FROM THE LAUNCH AREA BY A WALL FENCE.**

25X1

**NAMPO SAM SITE C24-2**

**KN 3827N 12459E**

25X1

THE SITE IS OF IRREGULAR CONFIGURATION AND CONSISTS OF 6 REVETTED, UNOCCUPIED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA WITH 3 LARGE BUILDINGS AND 1 SMALL BUNKER. THREE MISSILE-HOLD POSITIONS ARE REVETTED AND HAVE PROTECTIVE COVERING. TEN BUILDINGS ARE LOCATED 1,000 FT NE OF THE LAUNCH AREA, 1 LARGE AND 2 SMALLER BUILDINGS ARE LOCATED 600 FT SW, AND 1 SMALL REVETTED BUILDING IS LOCATED 600 FT EAST OF THE LAUNCH AREA.

25X1

**SHANG-HAI SAM SITE B36-2**

**CH 3126N 12126E**

NO CHANGE IN SITE FACILITIES OBSERVED. ALL LAUNCH POSITIONS ARE OCCUPIED BY LAUNCHERS. FIVE OF THE LAUNCH POSITIONS ALSO CONTAIN CANVAS-COVERED MISSILE TRANSPORTERS. THE CENTRAL GUIDANCE AREA IS OCCUPIED BY ONE POSSIBLE BUILDING/TENT, 5 VANS, AND PROBABLE RADAR. NUMEROUS OTHER TENTS ARE IN THE IMMEDIATE AREA.

25X1

**NIU-TOU SHAN COASTAL DEFENSE SITE**

**CH 2903N 12156E**

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

25X1

**NAMPO CRUISE MISSILE LAUNCH SITE 1**

**KN 3834N 12501E**

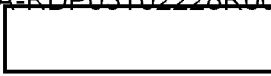
**IDENTIFICATION ONLY.**

25X1

**TOP SECRET**



TOP SECRET



25x1

KH-7 MISSION 4035, 6-13 DEC 1966



25x1

NAMPO CRUISE MISSILE LAUNCH SITE 2

KN 3834N 12508E



25x1

TWO DIAMOND-SHAPED LAUNCH POSITIONS ARE UNOCCUPIED. THREE NEW DRIVE-THROUGH-TYPE, UNOCCUPIED REVETMENTS ARE IDENTIFIED. ONE IS LOCATED BETWEEN THE LAUNCH POSITIONS AND 2 ARE ADJACENT TO THE SOUTHERN LAUNCH POSITION. A NEW PROBABLE GUIDANCE REVETMENT HAS BEEN CONSTRUCTED JUST EAST OF THE SOUTHERN LAUNCH POSITION. SEVEN MISSILE TRANSPORTERS ARE IN THE SUPPORT AREA 0.5 NM TO THE EAST.



25x1

TOROPETS REGIONAL MIL STORAGE INSTLN

UR 5621N 03138E



25x1

EIGHT POSSIBLE TRANSPORTERS, 5 VAN TRUCKS, AND 12 ROWS OF CRATES/MATERIALS ARE OBSERVED IN OPEN STORAGE.

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



25x1

BALTA REGIONAL MILITARY STORAGE INSTLN

UR 4750N 02954E



25x1

ONE WAREHOUSE-TYPE BUILDING HAS BEEN CONSTRUCTED IN THE NW STORAGE AREA AND A SECOND IS PARTIALLY COMPLETED SINCE [REDACTED] PHOTOGRAPHY OF FAIR INTERPRETABILITY PRECLUDES AN ACCURATE COUNT OR IDENTIFICATION OF VEHICLES OR EQUIPMENT.



25x1

KHABAROVSK PROB LR SAM LAUNCH COMPLEX

UR 4832N 13532E

BONUS 1

A PROBABLE LONG RANGE SAM LAUNCH COMPLEX IS NEWLY IDENTIFIED UNDER CONSTRUCTION 18.0 NM ENE OF KHABAROVSK AT 48-32N 135-32E. ORIENTATION OF THE COMPLEX IS APPROXIMATELY ENE. THE COMPLEX CONSISTS OF 3 LAUNCH SITES AND A TRACKING/GUIDANCE FACILITY IN AN EARLY-TO-MID-STAGE OF CONSTRUCTION. REVETMENTS ARE PROBABLY COMPLETED AT THE 6 POSITIONS OF EACH LAUNCH SITE. CONSTRUCTION OF LAUNCH SITE CONTROL CENTERS IS IN AN EARLY STAGE. THREE RADAR POSITIONS AND THE CONTROL CENTER OF THE TRACKING/GUIDANCE FACILITY ARE

TOP SECRET



25x1

25x1

**TOP SECRET**

25X1  
25X1

KH-7 MISSION 4035, 6-13 DEC 1966

UNDER CONSTRUCTION. HOWEVER, SNOW COVER PRECLUDES DETERMINING THEIR PRECISE CONSTRUCTION STATUS. INITIAL CONSTRUCTION ACTIVITY FOR A POSSIBLE SUPPORT AREA IS OBSERVED JUST WEST OF THE COMPLEX. NO MISSILES OR MISSILE-RELATED EQUIPMENT ARE IDENTIFIED AT THE COMPLEX.

(SEE ATTACHMENT)

25X1

WONSAN SAM SITE

KN 3908N 12735E BONUS 2

7.7 NM EAST OF WONSAN AT 39-08-40N 127-35-45E. COMPLETED SA-2 SAM SITE IS OF IRREGULAR CONFIGURATION AND CONSISTS OF 6 UNRETTED LAUNCH POSITIONS, ONE OCCUPIED BY AN UNIDENTIFIED PIECE OF EQUIPMENT. THE CENTRAL GUIDANCE AREA IS UNRETTED AND CONTAINS 2 BUILDINGS AND AN UNIDENTIFIED PIECE OF EQUIPMENT. ONSITE SUPPORT IS IMMEDIATELY EAST OF THE LAUNCH AREA AND CONSISTS OF 3 RETTED BUILDINGS AND 1 DRIVE-THROUGH BUILDING. THE SITE CAN BE SEEN IN AN EARLY STAGE OF CONSTRUCTION ON

25X1

25X1

KOSTROMA PROBABLE LR SAM LAUNCH COMPLEX

UR 5813N 04138E BONUS 3

A SECURED, PROBABLE LONG RANGE SAM LAUNCH COMPLEX HAS BEEN IDENTIFIED 35.5 NM NE OF KOSTROMA AT 58-13N 041-38E AND ADJACENT TO THE OCCUPIED KOSTROMA ICBM COMPLEX SAM SITE B05-2. THIS COMPLEX WAS NOT PRESENT ON THE LAUNCH COMPLEX IS APPROXIMATELY 175 NM NE OF MOSCOW, 100 NM NE OF PERESLAVL-ZALESSKIY, AND 120 NM SE OF CHEREPOVETS.

25X1

THE COMPLEX IS IN THE MID-TO-LATE STAGE OF CONSTRUCTION AND CONSISTS OF 3 LAUNCH SITES, A TRACKING/GUIDANCE FACILITY, AND A MISSILE-HANDLING AREA. THE LAUNCH SITES, DESIGNATED A, B, AND C, VARY IN STAGES OF CONSTRUCTION, WITH SITE C IN A LATE STAGE AND SITES A AND B IN THE MID-STAGE. EACH LAUNCH SITE HAS A CIRCUMFERENTIAL SERVICE ROAD, A DRIVE-THROUGH CENTRAL CONTROL POSITION, AND DRIVE-THROUGH LAUNCH POSITIONS. LAUNCH SITE C APPEARS COMPLETE AND EACH LAUNCH POSITION CONTAINS A LAUNCHER AND 2 MISSILE DOLLIES. RAILS ARE DISCERNIBLE AT POSITIONS A5 AND A6, BUT ONLY RAIL BEDS

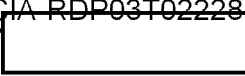
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**TOP SECRET**



**TOP SECRET**



25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**



25X1

ARE OBSERVED AT THE REMAINDER OF THE A AND B LAUNCH POSITIONS. A SMALL, LOW CIRCULAR STRUCTURE IS ADJACENT TO EACH CENTRAL CONTROL ACCESS ROAD AT SITES A AND C.

THE TRACKING/GUIDANCE FACILITY CONSISTS OF 3 MOUNDED RADAR POSITIONS, ONE OF WHICH MAY BE OCCUPIED, AND A CONTROL CENTER. THE MISSILE-HANDLING AREA IS COMPOSED OF FOUNDATIONS FOR 2 BUILDINGS.

(SEE ATTACHMENT)



25X1

**TOP SECRET**



25X1

25X1

**Air  
Facilities**



**TOP SECRET**

**KH-7 MISSION 4035, 6-13 DEC 1966**

**AIR FACILITIES**

**NEZHIN AIRFIELD**

**UR 5105N 03152E**

**OB -- 21 BLINDER, 5 BADGER, 1 COOKPOT, AND 1 CAB.**

**RESURFACING OF THE PARKING APRON AND TAXIWAYS APPEARS TO BE COMPLETE. THE REFERENCE POINT (RP) IS THE CENTER OF THE 9,800 FT CONCRETE RUNWAY. NEW UNIDENTIFIED CONSTRUCTION ACTIVITY IS OBSERVED 3,000 FT SE OF THE RP.**

[REDACTED]

**GORKIY/SORMOVO RADAR ASBLY & TEST AREA UR 5619N 04347E**

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

[REDACTED]

**KRASNOVODSK AIRFIELD**

**UR 4004N 05300E**

**OB -- 34 FISHPOT, 3 POSSIBLE FITTER, 6 FARMER, 29 FAGOT/FRESCO, 25 MANDRAKE, 5 BEAGLE, 1 COOT, 1 CRATE, 6 CAB, 6 COLT, 1 HOUND, 5 PROBABLE HELICOPTERS, AND 6 POSSIBLE DRONES (4 IN DRONE LAUNCH FACILITY).**

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

[REDACTED]

**SHEN-YANG AIRFRAME PLANT 112**

**CH 4152N 12325E**

**SEE SHEN-YANG/PEI-LING AIRFIELD, [REDACTED] FOR AIRCRAFT COUNT.**

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

[REDACTED]

**TOP SECRET**

[REDACTED]

[REDACTED]

**TOP SECRET**

25X1  
25X1

KH-7 MISSION 4035, 6-13 DEC 1966

**KAI-FENG AIRFIELD**

**CH 3445N 11420E**

OB -- 15 CRATE, 8 CAB, AND 13 COLT.

NO CHANGE IN FACILITIES OBSERVED SINCE MOST RECENT COVERAGE.

NO ELECTRONIC OR COMMUNICATION FACILITIES OBSERVED.

[REDACTED]

25X1  
25X1

**WONSAN AIRFIELD**

**KN 3909N 12729E**

OB -- 45 FAGOT/FRESCO.

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

[REDACTED]

25X1  
25X1

**YU-SHU AIRFIELD**

**CH 3253N 09648E**

OB -- NONE OBSERVED.

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

[REDACTED]

25X1

**CHO-HSIEN AIRFIELD**

**CH 3928N 11559E**

OB -- 11 POSSIBLE BEAST, 4 POSSIBLE FAGOT/FRESCO, AND 9 SMALL STRAIGHT-WING.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NO ELECTRONIC OR COMMUNICATION FACILITIES OBSERVED.

[REDACTED]

25X1

**HSIN-HSIANG AIRFIELD**

**CH 3518N 11350E**

OB -- 35 HOUND AND 2 COLT.

**TOP SECRET**

25X1  
25X1

**TOP SECRET**

25X1

25X1

KH-7 MISSION 4035, 6-13 DEC 1966

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

25X1

PEI-CHING/SHA-HO-CHEN AIRFIELD

CH 4009N 11619E

25X1

OB -- 3 COOT, 2 COOKPOT, 2 VISCOUNT, 1 COKE, 12 CRATE, 15 CAB, 6 COLT, AND 16 HOUND.

NO RADAR OR CHANGES IN FACILITIES OBSERVED SINCE THE MOST RECENT COVERAGE.

NO ELECTRONIC OR COMMUNICATION FACILITIES OBSERVED.

25X1

25X1

25X1

NOVOSIBIRSK AIRFIELD WEST

UR 5500N 08240E

OB -- [REDACTED] -- 3 CAB, 3 MEDIUM SWEEP-WING, 1 MEDIUM STRAIGHT-WING, AND 4 POSSIBLE AIRCRAFT.

25X1

[REDACTED] -- 4 POSSIBLE BEAGLE, 5 CAMEL, 4 MEDIUM STRAIGHT-WING, 2 POSSIBLE CRATE, 5 CAB, 3 PROBABLE COLT, 13 SMALL POSSIBLE SWEEP-WING, 3 PROBABLE HELICOPTERS, AND 5 POSSIBLE HELICOPTERS.

25X1

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

25X1

HA-MI AIRFIELD

CH 4251N 09338E

OB -- 1 CAB.

25X1

25X1

**TOP SECRET**

**TOP SECRET**

**KH-7 MISSION 4035, 6-13 DEC 1966**

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

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**Naval  
Activity /  
Ports**

**TOP SECRET**

KH-7 MISSION 4035, 6-13 DEC 1966

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NAVAL ACTIVITY/PORTS

SHAN-TOU NAVAL BASE

CH 2321N 11640E

OB -- 2 HAINAN-CLASS PC, 3 SHANGHAI-CLASS PTF AT NAVAL BASE WHARF, 1 SHANGHAI-CLASS PTF IN ROADSTEAD AND 1 POSSIBLE LCVP AND 8 UNIDENTIFIED SMALL CRAFT AT NAVAL BASE.

AT SHAN-TOU SHIPYARD -- 1 PROBABLE SHANGHAI-CLASS PTF ON MARINE RAILWAY AND 1 SHANGHAI-CLASS PTF AND 1 POSSIBLE WHAMPOA-CLASS YP AT OFFSHORE WHARF.

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

[REDACTED]

25X1

25X1

SHAN-TOU MOTOR TORPEDO BOAT BASE

CH 2312N 11637E

OB -- 10 P-4-CLASS PT AND 8 UNIDENTIFIED SMALL CRAFT.

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

[REDACTED]

25X1

WONSAN PORT FACILITIES

KN 3910N 12726E

OB -- AT WONSAN PORT -- NONE IDENTIFIABLE. ONE MEDIUM BLOCK SUPERSTRUCTURE DRY CARGO VESSEL IS UNDER CONSTRUCTION AT WONSAN SHIPYARD NO 1.

[REDACTED]

25X1

MUNCHON NAVAL BASE WONSAN

KN 3919N 12724E

NO COMOR

OB -- 4 KOMAR-CLASS PTG, 10 POSSIBLE P-2-CLASS PT, AND 1 T-CLASS MSF.

(SEE ATTACHMENT)

[REDACTED]

25X1

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[REDACTED]

[REDACTED]

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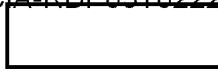
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**Electronics/  
Communications**



**TOP SECRET**



25X1

25X1

**KH-7 MISSION 4035, 6-13 DEC 1966**

**ELECTRONICS/COMMUNICATIONS**

**A-WA-TI SUSPECT RADAR ACTIVITY CH 4035N 08055E**

FIFTY PERCENT OF THE EASTERN PORTION OF THE SEARCH AREA IS COVERED BY CLEAR PHOTOGRAPHY OF FAIR INTERPRETABILITY. NO ELECTRONIC INSTALLATIONS OBSERVED.



25X1

25X1

**HSIEN-YANG RADIO COMMUNICATIONS STATION CH 3423N 10837E**

IDENTIFICATION ONLY.



25X1

**GORKIY R & D ELECTRONICS FACILITY UR 5617N 04345E**

THE WESTERN LARGE ELLIPSOIDAL ANTENNA APPEARS TO BE AT LEAST PARTIALLY DISASSEMBLED. NO OTHER CHANGE OBSERVED.



25X1

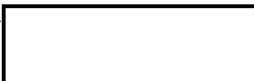
**TEDZHEN DUAL TALL KING-AW RADAR FACILITY UR 3721N 06032E BONUS 1**

3 NM SOUTH OF TEDZHEN. EACH TALL KING FACILITY CONSISTS OF 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING. EACH FACILITY IS SEPARATELY SECURED. ONE OCCUPIED RADAR MOUND IS 2,000 FT SOUTH. THE TEDZHEN SAM SITE A15-2 IS 3,000 FT SOUTH OF THE TALL KINGS. SUPPORT IS COMMON TO THE SAM SITE.



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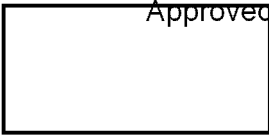
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**Military  
Activity**



TOP SECRET



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25X1

KH-7 MISSION 4035, 6-13 DEC 1966

MILITARY ACTIVITY

HUANG-PEI MUNITIONS STORAGE

CH 3048N 11419E



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



25X1  
25X1  
25X1

KAPLICE ARMY BARRACKS SOUTHWEST

CZ 4844N 01429E

WEST EDGE OF KAPLICE.  
THE INSTALLATION CONTAINS 6 MULTISTORY BARRACKS, 10 QUARTERS-TYPE BUILDINGS, 1 T-SHAPED ADMINISTRATION BUILDING, 17 STORAGE BUILDINGS, 2 VEHICLE STORAGE/MAINTENANCE BUILDINGS, AND 10 SUPPORT BUILDINGS.

OB -- 15 POSSIBLE POL TRUCKS AND 35 UNIDENTIFIED VEHICLES.



25X1

SUNG-LIN-TIEN ARMY BARRACKS SOUTHWEST

CH 3924N 11553E

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

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.



25X1

SHIH-CHIA-CHUANG ARMY BARRACKS NORTH

CH 3805N 11430E

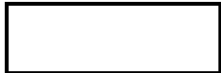
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

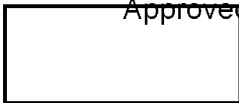
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

NO INDICATION OF MILITARY ACTIVITY OBSERVED.

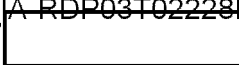
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**KH-7 MISSION 4035, 6-13 DEC 1966**

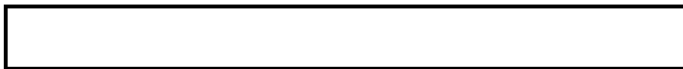


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**SHIH-CHIA-CHUANG ARMY BKS & TRNG CEN W CH 3802N 11425E**

**OB -- 18 PROBABLE AAA PIECES IN MOTOR POOL AND 6 CARGO TRUCKS NEAR A STORAGE BUILDING IN THE CENTER OF THE INSTALLATION.**

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



25X1

25X1

**YUAN-SHIH BARRACKS AREAS NORTHEAST CH 3746N 11432E**

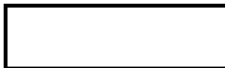
**OB -- 12 FA PIECES WITH LIMBERS ATTACHED AND 24 FA PIECES WITHOUT LIMBERS IN OPEN STORAGE AREA.**

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



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25X1

**Complexes**

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25X1  
25X1

**TOP SECRET**

**KH-7 MISSION 4035, 6-13 DEC 1966**

COMPLEXES

**STALOWA WOLA STEEL PLANT PO 5033N 02203E**

PART OF THE TARGET AREA IS OBSCURED BY SMOKE FROM THE STACKS.

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

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[REDACTED]

25X1

25X1

**PAO-TOU ARTILLERY PLANT 447 CH 4041N 10952E**

NO NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED. THREE UNIDENTIFIED VEHICLES ARE OBSERVED NEAR THE LARGE BUILDING IN THE SECURED AREA IMMEDIATELY NORTH OF THE PLANT.

[REDACTED]

25X1

**PANG-PEI RR STATION AND TRANSFER SITE CH 4339N 11158E**

APPROXIMATELY 31 HOUSING UNITS AND NUMEROUS SMALLER STRUCTURES HAVE RECENTLY BEEN CONSTRUCTED. THE PREVIOUSLY REPORTED PARALLEL RAIL SPURS, SUGGESTING CONSTRUCTION OF AN INDUSTRIAL PLANT, HAVE BEEN IDENTIFIED AS A RAIL TRANSSHIPMENT AREA. AT LEAST 240 PIECES OF ROLLING STOCK ARE OBSERVED IN THE RAIL YARDS. OPEN STORAGE CAN BE SEEN, BUT NO WEAPONS OR VEHICLES ARE IDENTIFIABLE.

[REDACTED]

25X1

**CHING-SHUI-PAO RAIL FACILITIES CH 3923N 09908E**

THE RAIL FACILITY IS DIVIDED INTO 2 HOLDING YARDS. THE WEST YARD CONTAINS 5 TRACKS AND IS UNOCCUPIED. THE EAST YARD CONTAINS 7 TRACKS AND IS APPROXIMATELY 40 PERCENT OCCUPIED. THE APPROXIMATE RAIL CAR COUNT IS 86 TANK CARS, 35 BOX CARS, 4 GONDOLA CARS, 6 FLAT CARS, AND 27 UNIDENTIFIED CARS. NO UNUSUAL RAIL CARS OR CARGO ARE OBSERVED.

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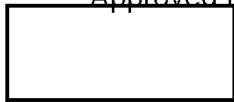
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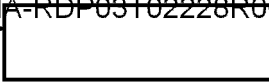
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**Other  
Activity**



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**KH-7 MISSION 4035, 6-13 DEC 1966**

**OTHER ACTIVITY**

**CHEBSARA SENSITIVE OPERATIONS COMPLEX**

**UR 5906N 03837E**



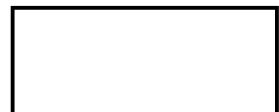
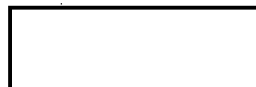
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**ONLY THE RAIL FACILITY IS VISIBLE. HAZE PRECLUDES INTERPRETATION.**



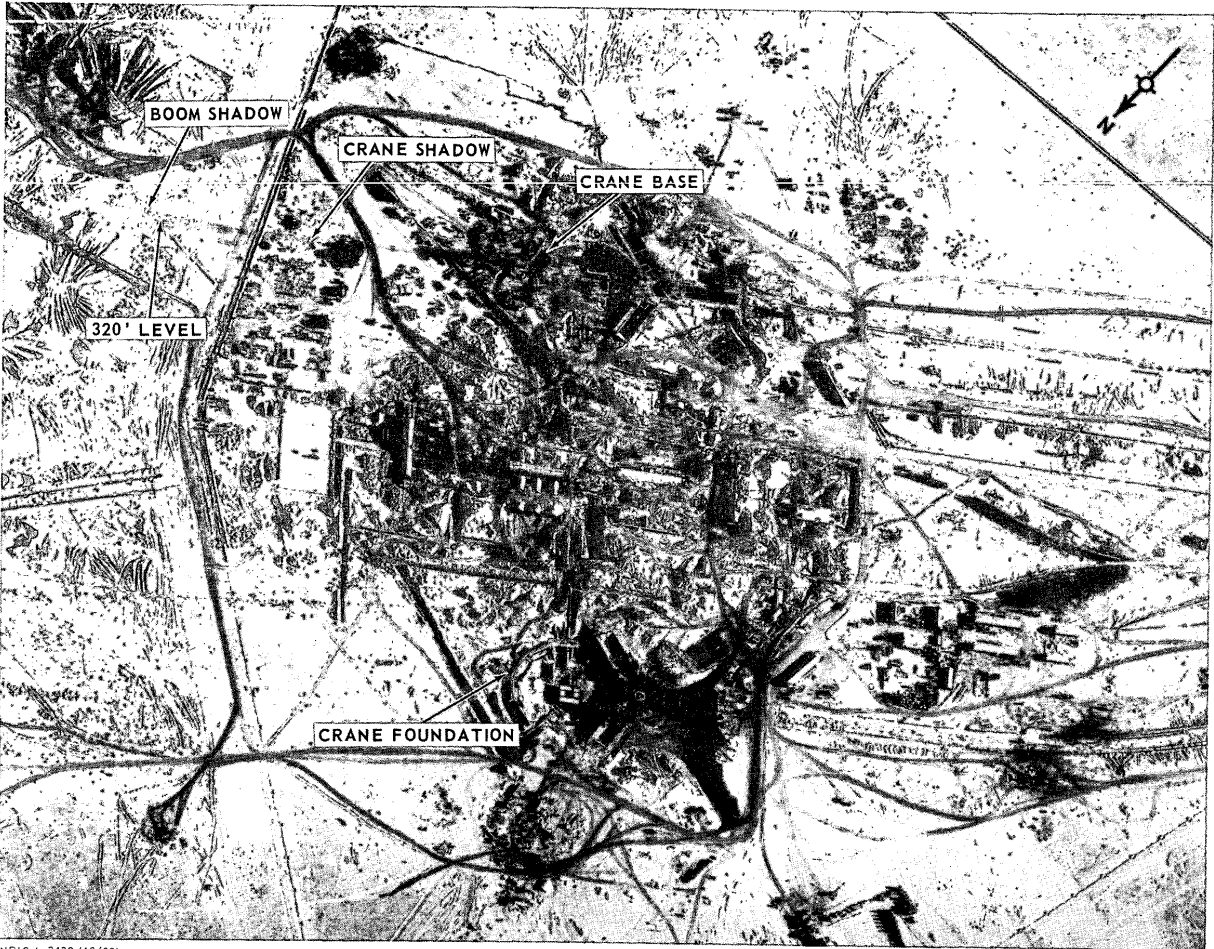
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25X1

**Attachments**



NPIC L-2429 (12/66)

LAUNCH COMPLEX J, TYURATAM MISSILE TEST CENTER, USSR

25X

TOP SECRET  
KH-7 MISSION 4035, 6-13 DECEMBER 1966

25X-1  
ATTACHMENT 1  
25X-1

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[Redacted]

[Redacted]

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KH-7 MISSION 4035, 6-13 DECEMBER 1966

ATTACHMENT 2



LAUNCH COMPLEX J, TYURATAM MISSILE TEST CENTER, USSR

NPIC L-2430 (12/66)

25

25X

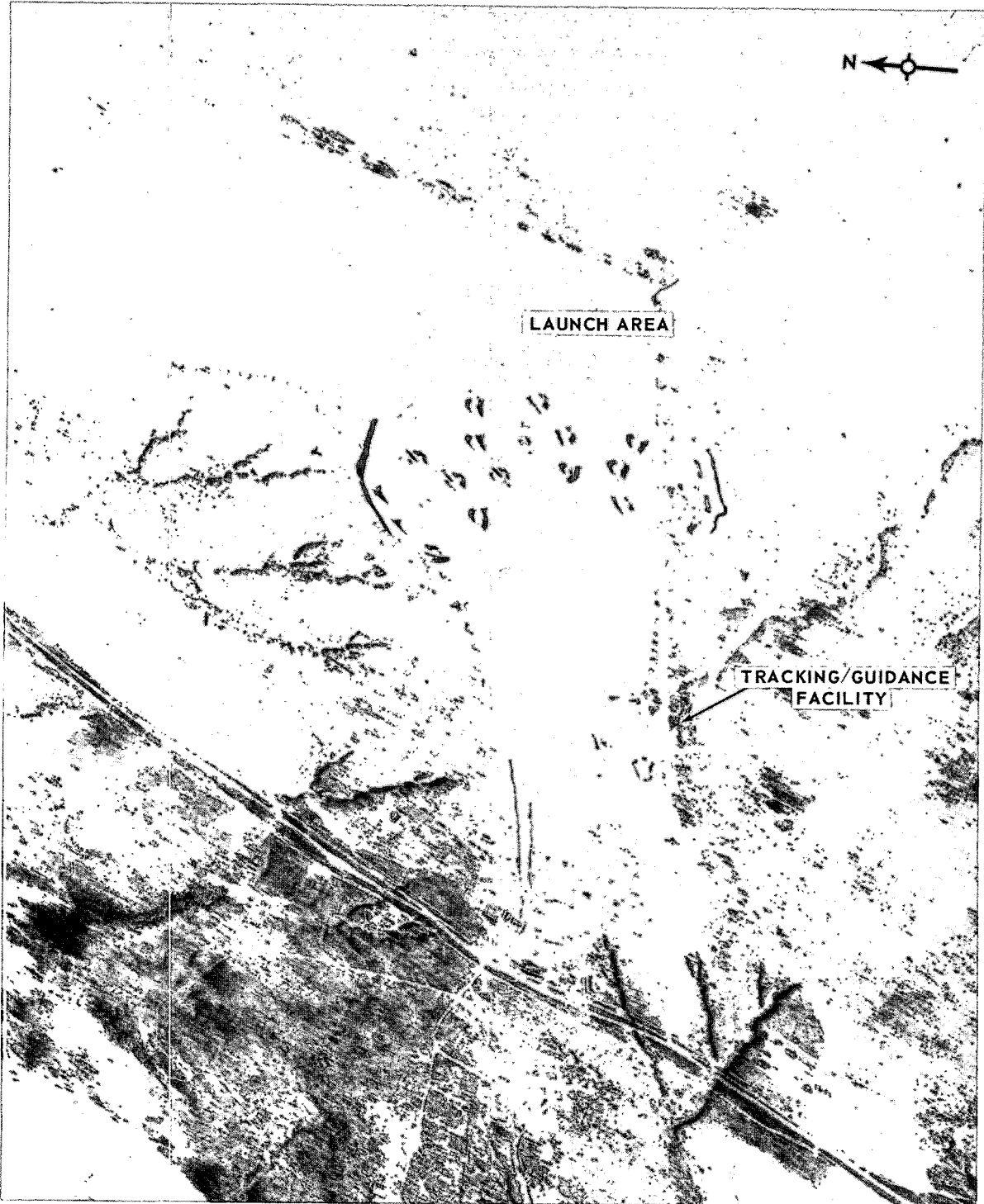
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KH-7 MISSION 4035, 6-13 DECEMBER 1966

ATTACHMENT 3



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, KHABAROVSK, USSR (MISSILE BONUS).

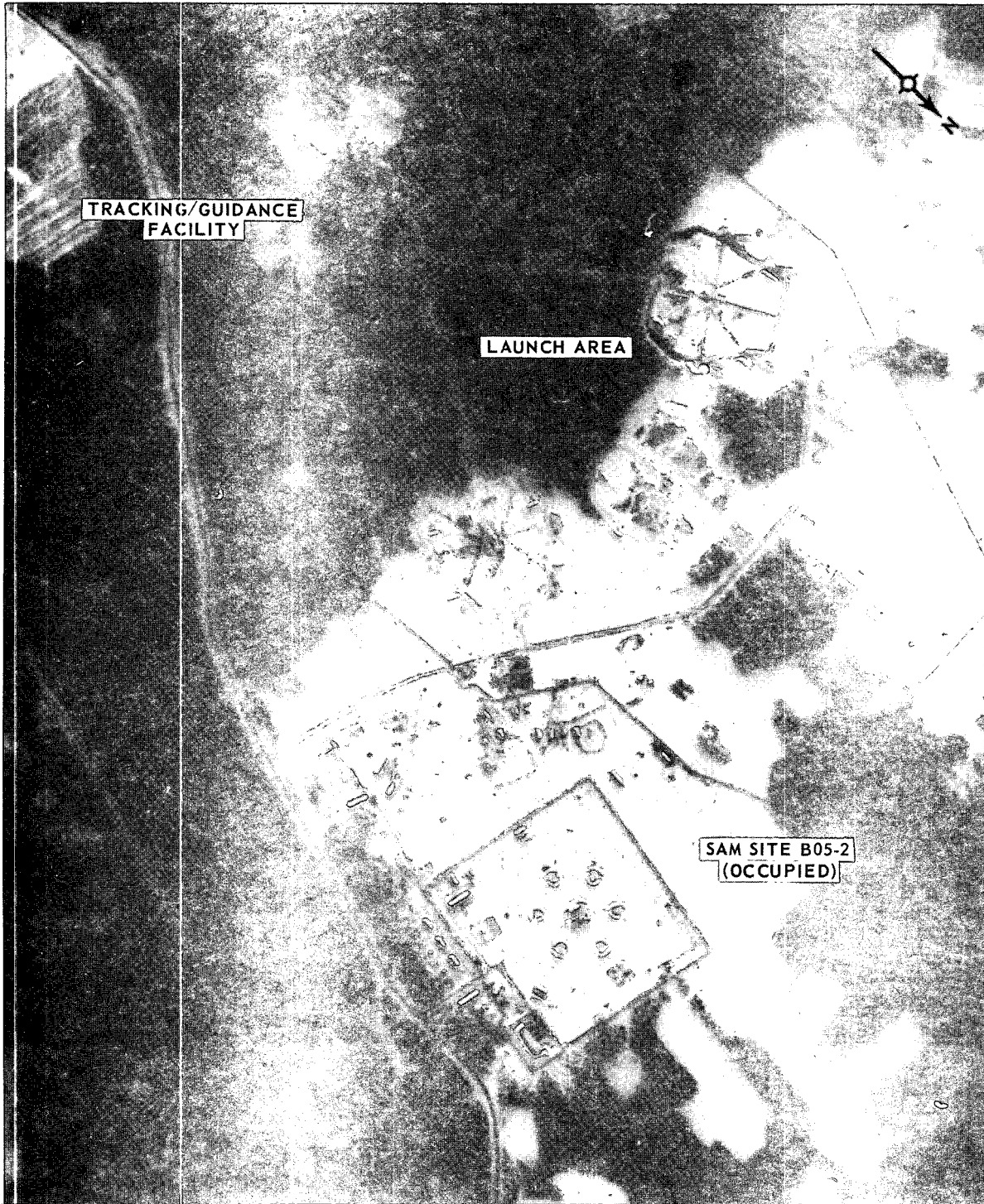
NPIC L-2431 (12/66)

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KH-7 MISSION 4035, 6-13 DECEMBER 1966

ATTACHMENT 4



PROBABLE LONG RANGE SAM LAUNCH COMPLEX, KOSTROMA, USSR (MISSILE BONUS).

NPIC L-2432 (12/66)

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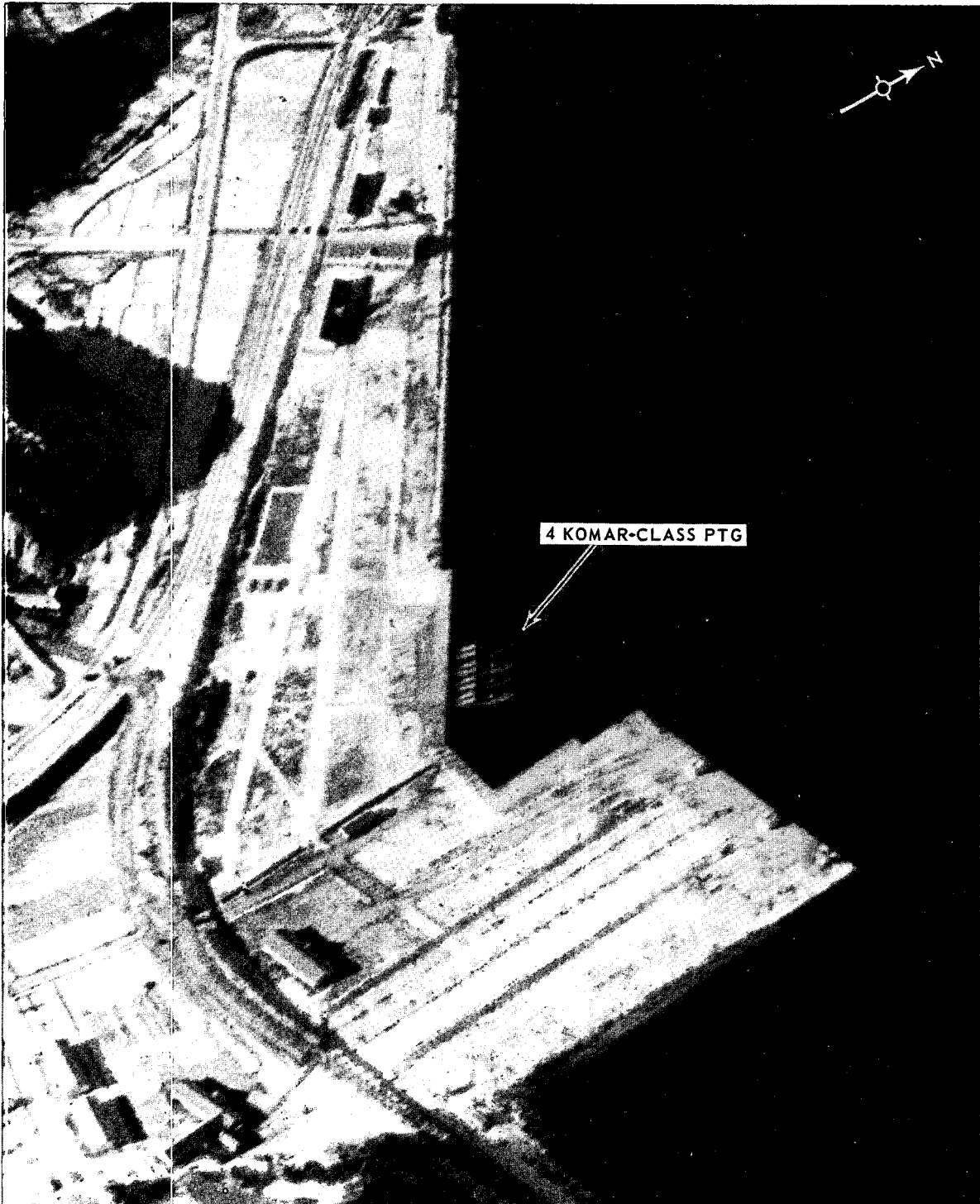
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KH-7 MISSION 4035, 6-13 DECEMBER 1966

ATTACHMENT 6



MUNCHON NAVAL BASE, WONSAN, NORTH KOREA (NO COMOR).

NPIC L-2434 (12/66)

**TOP SECRET**

## COUNTRY CODES

The following is an alphabetic listing of country codes as compiled from the Bombing Encyclopedia. Locations of targets in this report are indicated by the country code preceding the coordinates.

AD	Aden	GO	Gotland Is.	PK	Pakistan (West)
AF	Afghanistan	GR	Greece	PO	Poland
AG	Algeria	GV	Guinea	PT	Portugal
AL	Albania	GW	West Germany	PU	Portuguese Guinea
AM	Andaman and Nicobar Is.	HK	Hong Kong	QA	Qatar
AN	Andorra	HU	Hungary	RA	Rwanda
AO	Angola	ID	Indonesia	RI	Rio Muni
AU	Austria	IF	Ifni	RK	Ryukyu Is.
AZ	Azores Is.	IL	Iceland	RM	Mali
BA	Bahrain Is.	IN	India	RS	Socotra Is.
BK	Botswana (Bechuanaland)	IQ	Iraq	RU	Rumania
BE	Belgium	IR	Iran	RY	Zambia
BH	Bornholm Is.	IS	Israel	RZ	Rhodesia
BI	Balearic Is.	IT	Italy	SB	San Marino
BJ	Nanpo Shoto	IV	Ivory Coast	SD	Sardinia
BM	Burma	JA	Japan	SE	Seychelles Is.
BO	Sabah (N. Borneo)	JK	Jammu and Kashmir	SF	French Somaliland
BS	Lesotho (Basutoland)	JO	Jordan	SG	Sarawak
BT	Bhutan	KE	Kenya	SI	Sicily
BU	Bulgaria	KN	North Korea	SJ	Society Is.
BW	Berlin, West	KS	South Korea	SK	Senegal
BX	Brunei	KU	Kuwait	SL	Sierra Leone
BY	Burundi	LA	Laos	SM	Somali Republic
CA	Canary Is.	LC	Laccadive Is.	SP	Spain
CB	Cambodia	LE	Lebanon	SR	Saudi Arabia
CD	Central African Republic	LI	Liberia	SS	Spanish Sahara
CE	Ceylon	LS	Liechtenstein	ST	Sao Tome E Principe
CG	Chad	LX	Luxembourg	SU	Sudan
CH	China	LY	Libya	SV	Svalbard
CL	Caroline Is.	MA	Malagasy Republic	SW	Sweden
CM	Cameroon	MC	Macao	SY	Syria
CP	Congo (Brazzaville)	MD	Madeira Is.	SZ	Switzerland
CR	Crete	MF	Malaysia	TA	Tanzania
CT	Corsica	MG	Mongolia	TC	Trucial States
CV	Cape Verde Is.	ML	Malta	TH	Thailand
CX	Congo (Leopoldville)	MN	Monaco	TI	Tibet
CY	Cyprus	MO	Morocco	TK	Turkey
CZ	Czechoslovakia	MR	Mascarene Is.	TM	Portuguese Timor
DA	Dahomey	MT	Mauritania	TO	Togo
DE	Denmark	MV	Maldives Is.	TU	Tunisia
DO	Dodecanese Is.	MZ	Mozambique	TW	Taiwan
EG	Egypt	NE	Netherlands	UA	Republic of South Africa
EP	Pakistan (East)	NI	Nigeria	UG	Uganda
ET	Ethiopia	NK	Niger	UR	USSR
FI	Finland	NO	Norway	UV	Upper Volta
FO	Faeroe Is.	NP	Nepal	VN	North Vietnam
FR	France	NS	Surinam	VS	South Vietnam
GA	Gambia	NW	New Guinea	VT	Vatican City
GC	Gabon	NY	Malawi	WA	Swaziland
GE	East Germany	NZ	New Zealand	YE	Yemen
GH	Ghana	OM	Muscat Oman	YU	Yugoslavia
GI	Gibraltar	PI	Philippines		

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