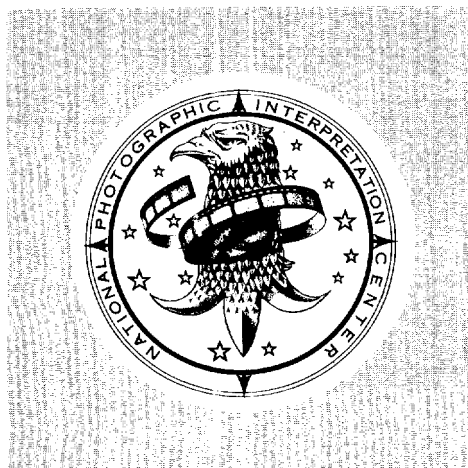


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION III5

IPIR NUMBER I

MISSION III5-I OAK

II-17 SEPTEMBER 1971

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SEPTEMBER 1971

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WARNING

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM | 7. GROUND |
| Deployed Strategic SSM Facilities (A) | Ground Force Facilities (G) |
| 2. MISSILE RANGES | 8. TACTICAL SSM |
| Missile Ranges: Strategic SSM/Space Facilities (P) | Deployed Tactical SSM Facilities (H) |
| Missile Ranges: Air-Launched Missile Facilities (Q) | 9. LOGISTICS |
| Missile Ranges: Naval-Launched Missile Facilities (R) | Military Logistics Facilities (K) |
| Missile Ranges: Tactical SSM Facilities (S) | 10. NUCLEAR ENERGY |
| Missile Ranges: SAM/AMM Facilities (T) | Atomic Energy Facilities (O) |
| 3. AIR DEFENSE MISSILES | 11. CBR |
| Deployed AMM Facilities (B) | CBR Facilities (V) |
| Deployed SAM Facilities (D) | 12. INDUSTRY |
| 4. ELECTRONICS/COMMUNICATIONS | Strategic Weapons Industrial Facilities (J) |
| Deployed Communication/Electronic/Radar Facilities (C) | General Purpose Weapons Industrial Facilities (L) |
| 5. AIR | Non-Military Industrial Facilities (N) |
| Air Base Facilities (E) | Communication/Electronic/Radar R&D Facilities (U) |
| 6. NAVAL | 13. MISCELLANEOUS |
| Naval Base Facilities (F) | Non-Military Logistics Facilities (M) |
| | Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS OAK REPORT ON MISSION 1115-1 PROVIDES INFORMATION ON THE A AND B PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY.

TARGETS IN THIS REPORT ARE SEQUENCED ALPHABETICALLY WITHIN THE 13 TARGET CATEGORIES ESTABLISHED BY COMIREX. A LISTING OF THE TARGET CATEGORIES APPEARS ON THE INSIDE FRONT COVER OF THIS REPORT. TARGETS ARE FURTHER SEQUENCED BY COUNTRY AND DIVIDED INTO TWO SECTIONS -- SIGNIFICANT RESULTS AND OTHER RESULTS.

THE SIGNIFICANT RESULTS SECTIONS INCLUDE NEW TARGETS, PERISHABLE ITEMS, AND TARGETS WHICH REFLECT CHANGE AND/OR ORDER OF BATTLE. ALL REMAINING TARGETS ARE INCLUDED IN THE OTHER RESULTS SECTION.

A CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF EACH OAK REPORTING PHASE. ANOTHER CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF THE OAK SUPPLEMENT PHASE.

FOR EXPLANATION OF PREFIXES AND CODES USED IN THIS REPORT, SEE THE NATIONAL STANDARD MESSAGE FORMAT FOR ELECTRICAL TRANSMISSION OF FIRST- AND SECOND-PHASE EXPLOITATION (COMIREX-D-31.2/11, 1ST REVISION, JANUARY 1969 AND TCS-8264/68, JUNE 1968, THE SUPPLEMENT TO COMIREX-D-31.2/11).

THE ORDER OF BATTLE REPORTED IS CONFIRMED UNLESS OTHERWISE QUALIFIED AS PROBABLE (PROB) OR POSSIBLE (POSS).

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

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HIGHLIGHTS

MISSION HIGHLIGHTS

USSR

MISSILE ACTIVITY

1. TWENTY OF THE 24 ICBM COMPLEXES WERE AT LEAST PARTIALLY OBSERVED. NO NEW SILO DEPLOYMENT WAS IDENTIFIED.

2. FIVE OF THE SIX SS-9 COMPLEXES, DOMBAROVSKIY, IMENI GASTELLO, KARTALY, UZHUR, AND ZHANGIZ-TOBE WERE SEEN IN THEIR ENTIRETY ON CLEAR PHOTOGRAPHY. THE ALEYSK ICBM COMPLEX WAS PARTIALLY OBSERVED.

3. NO NEW TYPE IIIF LAUNCH SITES WERE IDENTIFIED. CONSTRUCTION CONTINUED ON ALL 25 PREVIOUSLY IDENTIFIED IIIF LAUNCH SITES AT THE FIVE DEPLOYED COMPLEXES. AT DOMBAROVSKIY, THREE OF THE FIVE IIIF SITES UNDER CONSTRUCTION NOW APPEAR TO HAVE GRADING FOR APRONS ON TWO SIDES OF THE SILO.

4. LAUNCH GROUPS A AND B WERE OBSERVED AT ALL SIX SS-9 COMPLEXES. NO SIGNIFICANT CHANGE WAS OBSERVED IN SUSPECT AREAS A AND B AT DOMBAROVSKIY OR AT SUSPECT AREAS A-E AT ZHANGIZ-TOBE.

5. CONSTRUCTION CONTINUED ON THE TYPE IIIC LAUNCH SITES IN THE G LAUNCH GROUP AT KARTALY AND THE J LAUNCH GROUP AT UZHUR.

6. AT THE ALEYSK ICBM COMPLEX, THE NUCLEAR WARHEAD HANDLING FACILITY AT THE RAIL-TO-ROAD TRANSFER POINT WHERE SMALLER WARHEAD CANISTERS HAVE BEEN IDENTIFIED IN THE PAST, WAS CLOUD COVERED.

7. THE DERAZHNYA SSM COMPLEX WAS CLOUD COVERED AND THE PERVOMAYSK SSM COMPLEX WAS NOT COVERED.

8. SIX OF THE TEN SS-11 COMPLEXES WERE AT LEAST PARTIALLY OBSERVED, INCLUDING PERM AND SVOBODNYI WHICH WERE TOTALLY OBSERVED. KOZELSK AND YEDROVO WERE CLOUD COVERED, AND ONLY PORTIONS OF THE DROVYANAYA AND TATISHCHEVO SEARCH AREAS WERE OBSERVED.

9. PORTIONS OF SS-13 LAUNCH GROUPS A, E, AND F AT YOSHKAR-OLA WERE OBSERVED. FIVE LAUNCH SITES WERE COMPLETE IN THE F GROUP, THE FIRST IN THIS GROUP TO BE COMPLETED. NO EVIDENCE OF RETROFIT WAS IDENTIFIED.

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HIGHLIGHTS

10. THE REMAINING SEVEN ICBM COMPLEXES WERE AT LEAST PARTIALLY OBSERVED.

11. LAUNCH COMPLEXES C, D, E, F, G, AND H AND LAUNCH GROUPS K, L, M, N, O, AND S AT THE TYURATAM MISSILE TEST CENTER (TTMTC) WERE COVERED. PARTIAL COVERAGE WAS OBTAINED OF LAUNCH GROUPS P, Q, AND R, HOWEVER, THE ONE SITE OBSERVED IN LAUNCH GROUP R COULD ONLY BE IDENTIFIED. LAUNCH COMPLEXES A, B, AND J COULD ONLY BE IDENTIFIED. THE MAIN SUPPORT FACILITIES WERE COVERED.

12. A PROBABLE NEW LAUNCH SITE WAS IDENTIFIED UNDER CONSTRUCTION AT 46-14N 063-54E, APPROXIMATELY 14 NM NW OF LAUNCH COMPLEX D AT TTMTC. THE SITE CONTAINS TWO PROBABLE SILOS UNDER CONSTRUCTION WITHIN A SECURED AREA. THE SILOS ARE APPROXIMATELY [REDACTED]

25X1D
25X1D

[REDACTED] APART. THE SITE WAS NOT PRESENT IN [REDACTED]

25X1D
25X1D

13. TWO TYPE IIIG LAUNCH SITES WERE NEWLY IDENTIFIED UNDER CONSTRUCTION AT LAUNCH SITES L8 AND L9, BOTH FORMER SS-11 LAUNCH SITES. THESE SITES HAVE BEEN DESIGNATED S6 AND S7 RESPECTIVELY. THIS BRINGS TO SEVEN THE NUMBER OF TYPE IIIG SILOS IDENTIFIED UNDER CONSTRUCTION AT TTMTC.

25X1D

14. A PROBABLE MISSILE LOADING EXERCISE WAS OBSERVED AT LAUNCH SITE K2 ON [REDACTED] AT LAUNCH SITE G3-G4, THE GANTRY WAS FORWARD ON THE PAD AT G4 AND DID NOT CONTAIN A LAUNCH VEHICLE.

15. THE PLESETSK MISSILE AND SPACE CENTER WAS CLOUD COVERED.

16. NO NEW SILO CONSTRUCTION OR LAUNCH SITE INACTIVATION WAS OBSERVED AT THE 11 MRBM/IRBM COMPLEXES THAT WERE AT LEAST PARTLY COVERED.

17. A NEW TWO-SITE SA-5 LAUNCH COMPLEX UNDER CONSTRUCTION NEAR ALMA-ATA IS DESIGNATED ALMA-ATA SAM COMPLEX B35-5.

18. MAJOR NEW CONSTRUCTION ACTIVITY WAS OBSERVED WEST OF THE PRECISION TRACKING RADAR AT THE KAPUSTIN YAR SAM FIRING RANGE. THE PURPOSE OF THE NEW ACTIVITY COULD NOT BE DETERMINED.

AIR ACTIVITY

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25X1C

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HIGHLIGHTS

25X1D 19. A TU-144 (CHARGER) SUPERSONIC TRANSPORT (SST) WAS
25X1D SEEN AT MOSCOW/SHEREMETYEVO INTERNATIONAL AIRFIELD ON [REDACTED]
25X1D A TU-144 WAS SEEN AT THIS AIRFIELD ON [REDACTED]

25X1D 20. CONTINUING ANALYSIS OF [REDACTED] PHOTOGRAPHY OF
25X1D AKHTUBINSK FLIGHT TEST CENTER REVEALS THAT THE AIRCRAFT FIRST
25X1D IDENTIFIED AS A FLOGGER [REDACTED] OAK PART 1) IS A PROBABLE RAM F
25X1D SWING-WING FIGHTER. THIS WAS THE FIRST SIGHTING OF A PROBABLE
25X1D RAM F AT THE FLIGHT TEST CENTER.

25X1D 21. THIS IS THE FIRST KEYHOLE MISSION SINCE [REDACTED]
25X1D THAT NO BEAR AIRCRAFT HAVE BEEN OBSERVED AT KUYBYSHEV AIRFRAME
25X1D PLANT LENIN 18.

25X2

SINO-SOVIET BORDER

25X1D 24. A SCAN OF 15 PASSES COVERING APPROXIMATELY 50 PERCENT
25X1D OF THE SOVIET SIDE OF THE SINO-SOVIET BORDER AND PORTIONS OF
25X1D MONGOLIA DURING THE PERIOD [REDACTED] REVEALS NO ACTIVITY
25X1A OF AN UNUSUAL NATURE. A TOTAL OF 293 SELECTED COMIREX TARGETS
25X1D WERE REVIEWED. NEITHER THE DZUNGARIAN GATE NOR DAMANSKY ISLAND
25X1D WAS COVERED. AN ITEM OF INTEREST WAS OBSERVED AT BADA AIRFIELD
25X1D NORTH [REDACTED] WHERE 22 MEDIUM TRANSPORT AIRCRAFT WERE
25X1D OBSERVED ON 15 SEPTEMBER. THIS WAS THE FIRST OBSERVATION OF
25X1D THIS TYPE AIRCRAFT AT THIS AIRFIELD SINCE [REDACTED]
25X1D [REDACTED] WHEN 24 CUB WERE OBSERVED. BADA AIRFIELD NORTH IS A
25X1D GRADED-EARTH FIELD LOCATED IN THE TRANSBAIKAL MILITARY
25X1D DISTRICT, 110 NM NE OF THE USSR-MONGOLIAN BORDER AND 90 NM ESE
25X1D OF ULAN UDE.

AIR ACTIVITY

25. A TOTAL OF SEVEN VTA (TRANSPORT), SEVEN PVO (AIR
DEFENSE), AND 18 TACTICAL AIR FORCE (TAF) AIRFIELDS WAS
OBSERVED. IN ADDITION, 23 DEPLOYMENT/DISPERSAL AIRFIELDS, 19
OTHER MILITARY AIRFIELDS, AND 15 MAJOR CIVILIAN AIRFIELDS WERE
REVIEWED. ACTIVITY LEVELS WERE NORMAL. THE VTA AIRFIELDS

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25X1C

25X1C

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HIGHLIGHTS

INCLUDED THE FOLLOWING --

25X1A

25X1D

NIKOLAYEVSKOYE
DUSHANBE
FERGANA
TOKMAK
ALMA ATA
ARALSK
KIROVOBAD

GROUND FORCE/LOGISTICS ACTIVITY

26. NORMAL ACTIVITY LEVELS WERE OBSERVED AT 178 GROUND FORCE INSTALLATIONS. INSTALLATIONS REVIEWED INCLUDED KEY FACILITIES IN THE USSURIYSK-VLADIVOSTOK AREA, THE TRI-BORDER AREA, MONGOLIA, AND THE ALMA-ATA REGION.

27. THE EXAMINATION OF 26 TRANSPORTATION AND LOGISTICS FACILITIES AND THE SCAN OF MAIN ROUTES OF COMMUNICATION REVEALED NO UNUSUAL ACTIVITY.

OTHER ACTIVITY

28. A REVIEW OF 16 LONG RANGE AIR AND NAVAL AVIATION BASES WAS CONDUCTED IN CONJUNCTION WITH THE BORDER SCAN. AIRCRAFT COUNTS AND ACTIVITY LEVELS WERE NORMAL. THE BASES COVERED ARE AS FOLLOWS --

25X1A

25X1D

ARKHANGELSK/KHOLM AIRFIELD
ARKHANGELSK/KHOLM SEAPLANE
STATION
KIPELOVO AIRFIELD
RYAZAN/DYAGILEVO AIRFIELD
PETROPAVLOVSK/YELIZOVO AFLD
BELAYA AIRFIELD
IRKUTSK AIRFIELD
UKRAINA AIRFIELD
ZAVITINSK AIRFIELD NE
ALEKSEYEVKA AIRFIELD
DOLON AIRFIELD
ARTEM AIRFIELD NORTH
NIKOLAYEVKA AIRFIELD
NOVONEZHINO AIRFIELD
ROMANOVKA AIRFIELD WEST
MOZDOK AIRFIELD

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25X1C

25X1C

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

SIGNIFICANT RESULTS

AL FAYYUM AIRFIELD

25X1D

25X1D

25X1D

29-33- 030-54-

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

12 PROB HIP C

25X1D

AL QAHIRAH AIR FORCE DEPOT ABU ZABAL

25X1D

25X1D

25X1D

30-14- 031-21-

25X1A

STATUS: UNKNOWN

REMARKS:

THE STATUS OF THIS TARGET COULD NOT BE DETERMINED BECAUSE OF
THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY.

GROUND FORCE ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

AL RAHMANIYAH AIRFIELD

25X1D

25X1D

25X1D

31-02- 030-40-

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

1 FITTER

2 POSS AIRCRAFT

25X1D

ASWAN AIRFIELD

25X1D

25X1D

25X1D

23-58- 032-49-

25X1A

STATUS: OPERATIONAL

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, 25X1C

25X1C

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE DRIVE-THROUGH BUILDING IN
THE SENSITIVE STORAGE AREA.

AIR ORDER OF BATTLE:

25X1D

2 BADGER (1 WITH WING
REMOVED)
7 POSS BEAGLE

3 POSS FAGOT/FRESCO
1 POSS CRATE
1 PROB LIGHT STRAIGHT-WING

25X1D

25X1D

25X1D

BENI SUEF AIRFIELD

29-11- 031-01-

25X1D

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

4 BADGER
1 PROB FISHBED
2 PROB FAGOT/FRESCO

7 SWEPT/DELTA-WING
1 POSS HELICOPTER
1 CAT/CUB

25X1D

25X1D

25X1D

BIRMA AIRFIELD

25X1D

30-50- 030-56-

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

4 PROB FITTER
1 PROB FAGOT/FRESCO

7 PROB AIRCRAFT (AT LEAST)
1 POSS HELICOPTER

25X1D

25X1D

25X1D

CAIRO AIRFIELD WEST

25X1D

30-06- 030-55-

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

7 BADGER (1 WITH A WING

8 POSS FISHBED

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REMOVED) 4 CAT/CUB
9 BEAGLE

25X1D 25X1D 25X1D

DARAW AIRFIELD 25X1D 24-24- 032-57-
25X1D 25X1A

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:
2 POSS AIRCRAFT

25X1D 25X1D 25X1D

DUKHAYLAH AIRFIELD 25X1D 31-07- 029-48-
25X1D 25X1A

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:
2 HOOK 10 POSS HELICOPTERS
6 PROB HIP C

25X1D 25X1D 25X1D

GEBEL EL BASUR AIRFIELD 30-32- 030-34-
25X1D 25X1A

STATUS: OPERATIONAL 25X1D

25X1D AIR ORDER OF BATTLE:
4 POSS SWEPT/DELTA-WING 1 POSS AIRCRAFT

25X1D 25X1D 25X1D

INCHAS AIRFIELD 30-19- 031-27-
25X1D 25X1A

STATUS: OPERATIONAL

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25X1D AIR ORDER OF BATTLE:
8 POSS SWEPT/DELTA-WING

25X1D

25X1D 25X1D 25X1D
JIYANKLIS AIRFIELD NEW 30-49- 030-11-
25X1D
STATUS: OPERATIONAL 25X1D 25X1A

25X1D AIR ORDER OF BATTLE:
3 BADGER 5 POSS AIRCRAFT
1 POSS BADGER

25X1D

25X1D 25X1D 25X1D
LUXOR AIRFIELD 25-40- 032-42-
25X1D
STATUS: OPERATIONAL 25X1D 25X1A

25X1D AIR ORDER OF BATTLE:
11 POSS SWEPT/DELTA-WING 2 SMALL STRAIGHT-WING
(AT LEAST) 1 POSS LIGHT STRAIGHT-WING
1 COKE

25X1D

25X1D 25X1D 25X1D
QUWAYSINA AIRFIELD 30-34- 031-07-
25X1D
STATUS: OPERATIONAL 25X1D 25X1A

25X1D AIR ORDER OF BATTLE:
3 POSS HELICOPTERS 3 POSS AIRCRAFT

25X1D

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

SAIYAH EL SHIRIF AIRFIELD

31-20- 030-58-

25X1D

STATUS: OPERATIONAL

25X1D

25X1A

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

25X1D

25X1D

WADI ABU RISH AIRFIELD

28-58- 031-42-

25X1D

STATUS: OPERATIONAL

25X1D

25X1A

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

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KH-4 MISSION 1115-1 NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D AL ISKANDARIYAH NVB + HQ NATIONAL 25X1D 25X1D
31-12- 029-54-
25X1D STATUS: OPERATIONAL 25X1D 25X1A
NAVAL ORDER OF BATTLE:
25X1D -- AT NAVAL BASE
1 SS 1 PROB BLACK SWAN PF
1 POSS SS 1 LCU
1 PROB DD 8 SMALL COMBATANTS
25X1D -- AT ARSENAL BASIN
2 SS 1 POSS SMALL COMBATANT
10 LCU
25X1D -- AT QABBARI SHIPYARD
1 SS 1 PROB AMUR AR
1 PROB SS 1 PROB MEDIUM COMBATANT
1 POSS SS 1 PROB T-43 MSF
1 PROB SKORYY DD
25X1D -- IN OUTER HARBOR
2 PROB SKORYY DD 1 PROB MEDIUM COMBATANT
1 PROB DD
25X1D
25X1D 25X1D 25X1D
31-11- 029-52-
25X1D AL ISKANDARIYAH PORT FACILITIES 25X1D 25X1A
STATUS: OPERATIONAL 25X1D
NAVAL ORDER OF BATTLE:
25X1D 49 FREIGHTERS (AT LEAST) 3 TANKERS
25X1D

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GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D AL QAHIRAH MIL BKS A ENGR TNG AREA 25X1D 25X1D
29-52- 031-17-
25X1D STATUS:OCCUPIED 25X1D 25X1A
GROUND FORCE ORDER OF BATTLE:
25X1D 1 PONTON RAFT (16-TON)
20 VEHICLES/PIECES OF EQUIP
(AT LEAST)
25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D AL QAHIRAH AMMO STOR AREA HUCKSTEP NEW 25X1D 25X1D
30-07- 031-28-
25X1D STATUS:OCCUPIED 25X1D 25X1A
GROUND FORCE ORDER OF BATTLE:
25X1D NONE DISCERNIBLE
25X1D

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UNITED ARAB REPUBLIC
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

AL QAHIRAH FROG-7 EQUIPMENT AREA

30-03- 031-24-

25X1D

STATUS:OCCUPIED

25X1A

REMARKS:

SMALL SCALE PRECLUDED IDENTIFICATION OF FROG EQUIPMENT AND
DESCRIPTION OF FACILITIES.

GROUND FORCE ORDER OF BATTLE:

25X1D

25 VEHICLES

25X1D

25X1D

25X1D

AL QAHIRAH TAC SSM STOR FAC

30-03- 031-21-

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

THE STATUS OF CONSTRUCTION COULD NOT BE DETERMINED BECAUSE OF
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GROUND FORCE ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

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CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

INDIA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

ADAMPUR AIRFIELD

31-26- 075-45-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

DISRUPTIVE PAINTING HAS BEEN COMPLETED ON THE DISPERSAL TAXIWAY SYSTEM AND HAS THEREFORE BEEN COMPLETED AT THE ENTIRE AIRFIELD. THE HANGARETTES ON THE DISPERSAL PARKING SYSTEM APPEARED TO BE UNDERGOING MODIFICATION.

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

25X1D

25X1D

AMRITSAR AIRFIELD

31-42- 074-47-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE LOOP DISPERSAL TAXIWAY WAS BEING RESURFACED, AND THE HANGARETTES APPEARED TO BE UNDERGOING MODIFICATION. FIVE NEW PROBABLE HANGARETTES WERE UNDER CONSTRUCTION AT THE CIRCULAR PARKING AREA NORTH OF THE RUNWAYS.

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

25X1D

25X1D

AWANTIPUR AIRFIELD

33-53- 074-59-

25X1D

STATUS: OPERATIONAL

25X1D

25X1A

REMARKS:

25X1D

25X1D

THE TEN CANVAS-COVERED POSSIBLE ARMORED CARS OBSERVED ON CANNOT BE DISCERNED. HOWEVER, OBJECTS REMAINED IN THE AIRCRAFT REVETMENT WHERE THE POSSIBLE CARS WERE

HANDLE VIA
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

INDIA
AIR BASE FACILITIES

OBSERVED.

25X1D AIR ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

25X1D

25X1D CHAKERI AIRFIELD

26-24-[REDACTED] 080-24-[REDACTED]

25X1D STATUS: OPERATIONAL 25X1D

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]

1 PROB FITTER
4 PROB FISHBED
2 AVRO-748
1 LIGHT AIRCRAFT

30 PROB VAMPIRE (PROBABLY
DERELICT)
30 PROB TOOFANI (PROBABLY
DERELICT)

25X1D

[REDACTED]

25X1D

25X1D

25X1D HALWARA AIRFIELD

30-44-[REDACTED] 075-37-[REDACTED]

25X1D STATUS: OPERATIONAL 25X1D

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
3 SWEPT-WING

1 POSS SWEPT-WING

25X1D

[REDACTED]

25X1D

25X1D

25X1D SRINAGAR AIRFIELD

33-59-[REDACTED] 074-45-[REDACTED]

25X1D STATUS: OPERATIONAL

25X1A

REMARKS:

THE NEW TAXIWAY TO THE HANGARETTES AT THE NORTH END OF THE
AIRFIELD HAS BEEN COMPLETED, AND THE TAXIWAY AT THE SOUTH END
OF THE FIELD WAS NEARLY COMPLETE.

25X1D

25X1D

HANDLE VIA TALENT KEYHOLE CONTROL SYSTEM ONLY TOP SECRET RUFF 25X1C 25X1C

TCS-20439/71 - IPIR 1 INDIA
KH-4 MISSION 1115-1 AIR BASE FACILITIES

AIR ORDER OF BATTLE:

25X1D 1 PROB CARAVELLE (TAKING OFF) 1 POSS CUB 1 POSS TWIN OTTER

25X1D

OTHER RESULTS-NO APPARENT CHANGE

PATHANKOT AIRFIELD

25X1D

32-13- 075-38-

25X1D 25X1D
25X1A

STATUS:UNKNOWN

REMARKS:

THE AIRFIELD WAS PARTIALLY COVERED ON THE EXTREME EDGE OF THE PHOTOGRAPHY WHERE POOR INTERPRETABILITY PRECLUDED A READOUT.

AIR ORDER OF BATTLE:

25X1D NONE DISCERNIBLE

25X1D

SIRSA AIRFIELD

25X1D

29-33- 075-00-

25X1D

25X1D 25X1D
25X1A

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:

25X1D NONE DISCERNIBLE

25X1D

HANDLE VIA
TALANT-6 EXHIBIT For Release 2
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

INDIA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

AKHNUR AMMO STORAGE AREA

32-56- 074-44-

25X1D

STATUS: UNKNOWN

25X1A

PHYSICAL DESCRIPTION:

2.5 NM NORTH OF AKHNUR.

THE NEWLY IDENTIFIED FACILITY CONSISTS OF 56 STORAGE BUILDINGS
DISPERSED IN GROUPS OF FOUR AND AT LEAST 30 OTHER BUILDINGS.

25X1D

THE AREA HAS BEEN CONSTRUCTED SINCE

GROUND FORCE ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

IMAGE DERIVED COORDINATES:

25X1D

MAP SOURCE REFERENCE:
250-SN143-14

25X1D

25X1D

25X1D

FEROZEPORE MILITARY BARRACKS AREA SW

30-54- 074-36-

25X1D

STATUS: OCCUPIED

25X1D

25X1A

REMARKS:

25X1D

AT LEAST EIGHT TANK TRANSPORTERS WERE IN THE SAME AREA WHERE 15
TRANSPORTERS WERE OBSERVED ON . ROWS OF
UNIDENTIFIED VEHICLES AND EQUIPMENT WERE SEEN GENERALLY IN
AREAS WHERE THEY WERE OBSERVED IN THE PAST. THE PROGRESS OF
CONSTRUCTION ACTIVITY OBSERVED ON 25X1D
COULD NOT BE DETERMINED. NO NEW CONSTRUCTION WAS OBSERVED.

GROUND FORCE ORDER OF BATTLE:

25X1D

8 TANK TRANSPORTERS (AT
LEAST)

800 VEHICLES/PIECES OF
EQUIP (APPROX)

25X1D

HANDLE VIA
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TOP SECRET RUFF
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

INDIA
GROUND FORCE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

PATHANKOT ARMY BARRACKS WEST

32-16- 075-37-

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

THE INSTALLATION WAS PARTIALLY COVERED ON THE EXTREME EDGE OF
THE PHOTOGRAPHY WHERE POOR INTERPRETABILITY PRECLUDED A
READOUT.

GROUND FORCE ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

PAKISTAN
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D CHAKLALA AIRFIELD 25X1D 25X1D
33-36- 073-06-
25X1D STATUS: OPERATIONAL 25X1D 25X1A
25X1D AIR ORDER OF BATTLE:
6 C-130 1 F-27
1 707 3 SMALL STRAIGHT-WING
25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D CHANDHAR AIRFIELD 25X1D 25X1D
32-04- 073-47-
25X1D STATUS: OPERATIONAL 25X1D 25X1A
25X1D AIR ORDER OF BATTLE:
NONE DISCERNIBLE
25X1D
25X1D SHORKOT ROAD AIRFIELD 25X1D 25X1D
30-45- 072-17-
25X1D STATUS: OPERATIONAL 25X1D 25X1A
25X1D AIR ORDER OF BATTLE:
NONE DISCERNIBLE
25X1D

HANDLE VIA TOP SECRET RUFF 25X1C
TAL Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7 25X1C
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1 PAKISTAN
KH-4 MISSION 1115-1 GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D 25X1D
GOLRA ORDNANCE REPAIR AND STORAGE DPO 33-38- 072-57-
25X1D
STATUS:OCCUPIED 25X1D 25X1A
GROUND FORCE ORDER OF BATTLE:
25X1D 1200 VEHICLES/PIECES OF
EQUIP (APPROX)
25X1D
25X1D 25X1D
HAVELIAN AMMUNITION DEPOT 34-02- 073-08-
25X1D
STATUS:OCCUPIED 25X1D 25X1A
GROUND FORCE ORDER OF BATTLE:
25X1D 5 CARGO TRUCKS
ASSOCIATED OBJECTS:
25X1D 16 RAILCARS
25X1D
25X1D 25X1D
JHELUM BARRACKS AREA 32-55- 073-42-
25X1D
STATUS:OCCUPIED 25X1A
REMARKS:
25X1D THIRTEEN OF THE 21 BUILDINGS UNDER CONSTRUCTION IN 25X1D
WERE IN A LATE STAGE OF CONSTRUCTION. THE
REMAINING EIGHT BUILDINGS WERE IN THE MIDSTAGE OF CONSTRUCTION.
EIGHT BUILDINGS, NEW SINCE , WERE IN A
LATE STAGE OF CONSTRUCTION. 25X1D
GROUND FORCE ORDER OF BATTLE:
25X1D 700 POSS VEHICLES/PIECES OF
EQUIP (APPROX)

HANDLE VIA
Talent Keyhole
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

PAKISTAN
GROUND FORCE FACILITIES

25X1D

25X1D

25X1D

KHARIAN BKS DIV A BDE HQ

32-48- 073-53-

25X1D

STATUS:OCCUPIED

25X1D

25X1A

REMARKS:

AT LEAST 89 ROWS OF POSSIBLE VEHICLES/PIECES OF EQUIPMENT WERE
IN THE SAME GENERAL AREAS WHERE THEY HAVE BEEN OBSERVED IN THE
PAST.

GROUND FORCE ORDER OF BATTLE:

25X1D

2000 POSS VEHICLES/PIECES
OF EQUIP (APPROX)

25X1D

25X1D

25X1D

LAHORE BKS CORP DIV A BRIGADE HQS

31-31- 074-22-

25X1D

STATUS:OCCUPIED

25X1D

25X1A

REMARKS:

NINETY-SEVEN ROWS OF POSSIBLE VEHICLES AND PIECES OF EQUIPMENT
WERE IN THE SAME GENERAL AREAS WHERE THEY HAVE BEEN OBSERVED IN
THE PAST.

GROUND FORCE ORDER OF BATTLE:

25X1D

2000 POSS VEHICLES/PIECES
OF EQUIP (APPROX)

25X1D

25X1D

25X1D

MULTAN CANTONMENT AMMO STOR AREA

30-10- 071-24-

25X1D

STATUS:OCCUPIED

25X1D

25X1A

REMARKS:

APPROXIMATELY 45 ROWS OF POSSIBLE VEHICLES/PIECES OF EQUIPMENT
WERE OBSERVED.

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TOP SECRET RUFF

HANDLE VIA
Talent Keyhole
CONTROL SYSTEM ONLY

HANDLE VIA
TALENT-KEITHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

PAKISTAN
GROUND FORCE FACILITIES

25X1D GROUND FORCE ORDER OF BATTLE:
1600 POSS VEHICLES/PIECES
OF EQUIP (APPROX)

25X1D

25X1D 25X1D

25X1D MURREE ARMY BKS NORTH 33-57- 073-22-
STATUS:OCCUPIED 25X1D 25X1A

25X1D GROUND FORCE ORDER OF BATTLE:
14 POSS CARGO TRUCKS

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D ABBOTTABAD ARMY BARRACKS NORTH 34-09- 073-13-
STATUS:OCCUPIED 25X1D 25X1A

25X1D GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D BAHAWALPUR BKS A BDE HQ 29-23- 071-42-
STATUS:OCCUPIED 25X1D 25X1A

25X1D GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

HANDLE VIA TOP SECRET RUFF [REDACTED] 25X1C
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TALENT KEYHOLE [REDACTED] 25X1C
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1 PAKISTAN
KH-4 MISSION 1115-1 INDUSTRY

OTHER RESULTS-NO APPARENT CHANGE

25X1D WAH ARSENAL PAKISTAN ORDNANCE FACTORY 25X1D 25X1D
33-46-[REDACTED] 072-46-[REDACTED]
25X1D [REDACTED]
STATUS: OPERATIONAL 25X1D 25X1A
25X1D GROUND FORCE ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE
25X1D [REDACTED]

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION

SIGNIFICANT RESULTS

KINESHMA SEISMIC EVENT

25X1D

STATUS: UNKNOWN

25X1D 25X1D
57-30- 042-37-
25X1A

PHYSICAL DESCRIPTION:

APPROXIMATELY 16 NM ENE OF KINESHMA AND 85 NM NW OF GORKIY.

25X1D
25X1D

THE PROBABLE LOCATION OF THE 5-KT SEISMIC EVENT OF 19 SEP 71 HAS BEEN IDENTIFIED AT 57-30- 042-37- , APPROXIMATELY 11 NM NNW OF THE REPORTED SEISMIC COORDINATES. A LARGE DRILL RIG WAS IN A CLEARED AREA ALONG THE SHACHA STREAM ON . A POSSIBLE SECURITY FENCE SURROUNDED THE DRILL SITE. A PROBABLE SUPPORT CAMP, IN A CLEARING NW OF THE DRILL SITE, CONTAINED 18 VANS, THREE BUILDINGS, TWO TENTS, AND SEVERAL VEHICLES. NO TRENCHING WAS IDENTIFIABLE BETWEEN THE DRILL SITE AND THE PROBABLE SUPPORT CAMP. THE DRILL RIG AND A TEMPORARY SUPPORT CAMP, NW OF THE DRILL RIG, WERE FIRST OBSERVED ON . AT LEAST TEN VANS WERE IN THE TEMPORARY SUPPORT CAMP. THE PROBABLE SUPPORT CAMP WAS CLOUD COVERED. PRELIMINARY GROUND SCARRING AT THE DRILL SITE WAS OBSERVED ON . A COMPLETE SEARCH OF THE AREA AROUND THE SEISMIC COORDINATES HAS BEEN MADE. NO OTHER DRILLING LOCATIONS OR RELATED ACTIVITY HAS BEEN OBSERVED. POST-TEST PHOTOGRAPHY IS NOT AVAILABLE.

25X1D

(SEE ATTACHMENT)

IMAGE DERIVED COORDINATES:

25X1D

MAP SOURCE REFERENCE:

250-1505, NO 38-7 + 200-0154-20

25X1D

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

AKTYUBINSK IRBM COMPLEX

49-59-

056-54-

25X1D

25X1A

STATUS:OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

ALEYSK ICBM COMPLEX

52-23-

082-39-

25X1D

25X1A

STATUS:OPERATIONAL

REMARKS:

TWENTY-FIVE OF THE 30 KNOWN SS-9 LAUNCH SITES WERE OBSERVED. ANOTHER LAUNCH SITE WAS IDENTIFIABLE ONLY. THE COMPLEX SUPPORT FACILITIES AND THE RAIL-TO-ROAD TRANSFER POINT WERE PARTIALLY OBSERVED. NO MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

BARANO-ORENBURGSKOYE MRBM COMPLEX

44-18-

131-27-

25X1D

25X1A

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. LESS THAN 1 PERCENT OF THE SEARCH AREA WAS COVERED OR CLOUD FREE. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

HANDLE VIA
Talent Keyhole
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D

25X1D

BRODY MRBM COMPLEX

50-17- 025-05-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ONLY LAUNCH SITE 2 WAS VISIBLE. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

DOMBAROVSKIY ICBM COMPLEX

50-58- 059-44-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. CONSTRUCTION WAS CONTINUING
ON THE FIVE TYPE IIIF LAUNCH SITES ON TWO
SILO SEGMENTS WERE ON THE APRON AT LAUNCH SITE 72, AND ONE SILO
SEGMENT WAS ON THE APRON AT LAUNCH SITE 74. GRADING FOR THE
SILO APRON APPEARED TO HAVE BEEN EXTENDED NORTH OF THE SILO AT
LAUNCH SITES 72, 73, AND 74. NO OTHER SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

25X1D

DROVYANAYA ICBM COMPLEX

51-28- 113-01-

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

HANDLE VIA
TALANT FOR Release 2
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D

GELLI IRBM COMPLEX

42-43-

047-25-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. AT LAUNCH SITE 2, THE NORTHERN DOOR OF THE LAUNCH SILO WAS PARTIALLY OPEN. AT LAUNCH SITE 3, TWO UNIDENTIFIED OBJECTS WERE ERECTED ON THE SILO APRON. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

GLADKAYA ICBM COMPLEX

56-15-

092-13-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THIRTY-TWO OF THE 60 KNOWN SS-11 LAUNCH SITES, TWO OF THE THREE KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

GROZNY MRBM COMPLEX

43-09-

045-00-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. A POSSIBLE MISSILE ON A TRANSPORTER WAS ALIGNED WITH THE ERECTOR ON THE EASTERN LAUNCH PAD OF LAUNCH SITE 2. THREE OTHER POSSIBLE MISSILES WERE AT LAUNCH SITE 2 AND TWO WERE AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

HANDLE VIA
TALANT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D

IMENI GASTELLO ICBM COMPLEX

51-03- 066-14-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. CONSTRUCTION WAS CONTINUING ON ALL FIVE OF THE TYPE IIIF LAUNCH SITES (56-60). AT LAUNCH SITE 57, A BRIDGE CRANE RAILBED APPEARED TO BE UNDER CONSTRUCTION. SILO CORING ACTIVITY WAS OBSERVED AT LAUNCH SITES 58 AND 60. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE SEARCH AREA.

25X1D

25X1D

25X1D

ITATKA ICBM COMPLEX

56-56- 085-36-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 2, TWO PROBABLE SS-7 MISSILES ON TRANSPORTERS WERE OBSERVED, ONE IN FRONT OF THE RIGHT MISSILE-READY BUILDING AND ONE IN FRONT OF THE LEFT MISSILE-READY BUILDING. NO OTHER MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

KARTALY ICBM COMPLEX

52-59- 060-31-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. LITTLE IF ANY CHANGE SINCE [REDACTED] WAS OBSERVED AT THE FIVE TYPE IIIF LAUNCH SITES. CORING OPERATIONS WERE POSSIBLY UNDERWAY AT FOUR (54, 55, 57, AND 58) OF THESE LAUNCH SITES, AS EVIDENCED BY A PROBABLE CRANE ADJACENT TO EACH SILO. THE SILO AT LAUNCH SITE 56 REMAINED LESS ADVANCED IN CONSTRUCTION THAN THE OTHERS. CONSTRUCTION WAS CONTINUING AT ALL SIX SITES IN GROUP G. FOUR SITES WERE NEARING A LATE STAGE OF CONSTRUCTION AND THE OTHER TWO SITES REMAINED IN A LATE STAGE OF

25X1D

HANDLE VIA
TALANT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

CONSTRUCTION. AT SITE 536, TWO OF THE EXHAUST DEFLECTOR
MODULES APPEARED TO HAVE BEEN TAKEN OUT OF THE HEADWORKS.

THESE MODULES WERE IN PLACE WHEN PREVIOUSLY SEEN ON [REDACTED]
[REDACTED]. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE
SEARCH AREA.

25X1D

25X1D

25X1D

25X1D

25X1D

KIVERTSY MRBM COMPLEX

50-56-[REDACTED] 025-34-[REDACTED]

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

KOSTROMA ICBM COMPLEX

58-00-[REDACTED] 041-22-[REDACTED]

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

FIFTY-FOUR OF THE 90 KNOWN SS-11 LAUNCH SITES AND FIVE OF THE
SEVEN KNOWN SS-7 LAUNCH SITES WERE OBSERVED. THE COMPLEX
SUPPORT FACILITIES AND THE RAIL-TO-ROAD TRANSFER POINT WERE
PARTIALLY OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON
PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

KREMOVO MRBM COMPLEX

44-00-[REDACTED] 132-23-[REDACTED]

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

NO COMPONENTS OF THE COMPLEX WERE OBSERVED. LESS THAN 1
PERCENT OF THE SEARCH AREA WAS COVERED. NO SILO CONSTRUCTION
WAS OBSERVED.

25X1D

GROUND FORCE ORDER OF BATTLE:

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

NONE DISCERNIBLE

25X1D

25X1D

25X1D

LUTSK MRBM COMPLEX

50-48- 025-03-

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

MAYKOP MRBM COMPLEX

44-28- 039-57-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

NOVOSIBIRSK ICBM COMPLEX

55-21- 083-02-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

THREE OF THE FIVE KNOWN SS-7 LAUNCH SITES WERE TOTALLY
OBSERVED. ONE SS-7 LAUNCH SITE, THE COMPLEX SUPPORT
FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE PARTIALLY
OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL
COVERAGE OF THE SEARCH AREA.

25X1D

HANDLE VIA
Talent Keyhole
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D

NOVOSYVOYEVKA IRBM COMPLEX

44-09-133-28-

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

ONLY THE RAIL-TO-ROAD TRANSFER POINT WAS VISIBLE. NO SILO
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH
AREA.

25X1D

25X1D

25X1D

OLOVYANNAYA ICBM COMPLEX

50-59-115-57-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

FORTY-FOUR OF THE 90 KNOWN SS-11 LAUNCH SITES AND ONE OF THE
THREE KNOWN SS-7 LAUNCH SITES WERE OBSERVED. NO NEW MISSILE
ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

OMSK ICBM COMPLEX

55-07-073-33-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. CONSTRUCTION WAS CONTINUING
ON THE BUILDING UNDER CONSTRUCTION ON [REDACTED] AND
AND PROGRESS HAD BEEN MADE ON ONE OF THE FOUNDATIONS OBSERVED
ON THAT DATE. A NEW FOUNDATION WAS OBSERVED IN THE OLD
HEADQUARTERS COMMAND AND CONTROL AREA NE OF THE RAIL-TO-ROAD
TRANSFER POINT. NO MISSILE ACTIVITY WAS OBSERVED ON PARTIAL
COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

HANDLE VIA TOP SECRET RUFF 25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7 25X1C
TALON KEYHOLE
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1115-1 DEPLOYED STRATEGIC SSM FACILITIES

25X1D PERM ICBM COMPLEX 25X1D
57-42- 056-02-
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. NO SILO
CONSTRUCTION WAS OBSERVED.

25X1D
SARY-OZEK IRBM COMPLEX 25X1D
44-33- 077-46-
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D
SHADRINSK ICBM COMPLEX 25X1D
56-08- 063-51-
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW
MISSILE ACTIVITY WAS OBSERVED ON COMPLETE COVERAGE OF THE
SEARCH AREA.

25X1D
SOKAL MRBM COMPLEX 25X1D
50-24- 024-20-
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
LAUNCH SITES 1 AND 3 AND THE RAIL-TO-ROAD TRANSFER POINT WERE
VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE
OF THE SEARCH AREA.

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A0030000100087
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

[REDACTED]

25X1D

25X1D

SUCHAN MRBM COMPLEX

43-06-[REDACTED] 133-18-[REDACTED]

25X1D

STATUS:ABANDONED

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

[REDACTED]

25X1D

25X1D

SVOBODNYY ICBM COMPLEX

51-52-[REDACTED] 128-16-[REDACTED]

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX AND THE SEARCH AREA WERE OBSERVED
EXCEPT LAUNCH SITE 80. NO NEW MISSILE ACTIVITY WAS OBSERVED.

25X1D

[REDACTED]

25X1D

25X1D

TATISHCHEVO ICBM COMPLEX

51-38-[REDACTED] 045-28-[REDACTED]

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO NEW SILO CONSTRUCTION WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

[REDACTED]

25X1D

25X1D

TEYKOVO ICBM COMPLEX

56-55-[REDACTED] 040-30-[REDACTED]

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

ALL SIX SS-7 LAUNCH SITES, 76 OF THE 80 KNOWN SS-11 LAUNCH
SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD

HANDLE VIA
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CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

TRANSFER POINT WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

TYUMEN ICBM COMPLEX

56-53- 065-43-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW
MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH
AREA.

25X1D

25X1D

25X1D

UZHUR ICBM COMPLEX

55-15- 089-30-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AS OF CONSTRUCTION
WAS CONTINUING ON ALL FIVE TYPE IIIF LAUNCH SITES (SITES
62-66). LAUNCH SITES 58J AND 60J HAD BEEN ADVANCED TO A LATE
STAGE OF CONSTRUCTION, AND LAUNCH SITE 59J HAD BEEN COMPLETED.
NO OTHER NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE
OF THE SEARCH AREA.

25X1D

25X1D

25X1D

25X1D

VERKHNYAYA SALDA ICBM COMPLEX

58-10- 060-29-

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO NEW MISSILE ACTIVITY WAS
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000040008-7
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D

25X1D

YOSHKAR-OLA ICBM COMPLEX

56-34- 048-10-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THE FOLLOWING COMPONENTS OF THE COMPLEX WERE AT LEAST PARTIALLY OBSERVED -- FIVE OF THE SIX KNOWN SS-7 LAUNCH SITES, 29 OF THE 60 KNOWN SS-13 LAUNCH SITES, TWO OF THE SIX KNOWN SS-13 LAUNCH CONTROL FACILITIES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT. IN ADDITION, ONE SS-13 LAUNCH SITE AND ONE LAUNCH CONTROL FACILITY WERE IDENTIFIABLE ONLY. FIVE SS-13 LAUNCH SITES (66, 67, 69, 71, AND 75) IN GROUP F HAD BEEN COMPLETED. THESE WERE THE FIRST SITES IN THIS GROUP TO BE COMPLETED. THE OTHER FIVE SITES IN THIS GROUP, TWO SITES IN GROUP E, AND THE LAUNCH CONTROL FACILITY FOR GROUPS E AND F WERE THE ONLY COMPONENTS OF THE COMPLEX STILL UNDER CONSTRUCTION AS OF SEVEN SITES IN GROUP A WERE OBSERVED AND NO SIGNS OF ACTIVITY, MODIFICATION, OR RETROFIT WERE DISCERNIBLE. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D

25X1D

25X1D

YURYA ICBM COMPLEX

59-11- 049-30-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

25X2

NINE OF THE 11 KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE STORAGE FACILITY WERE OBSERVED. TWO LAUNCH SITES AND THE RAIL-TO-ROAD TRANSFER POINT WERE PARTIALLY OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

HANDLE VIA TOP SECRET RUFF [REDACTED] 25X1C
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TALLEN KEYHOLE [REDACTED] 25X1C
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1115-1 DEPLOYED STRATEGIC SSM FACILITIES

25X1D ZHANGIZ-TOBE ICBM COMPLEX 25X1D
49-13-[REDACTED] 081-09-[REDACTED]
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:
THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. CONSTRUCTION
WAS CONTINUING ON ALL FIVE OF THE TYPE IIIF LAUNCH SITES. NO
NEW MISSILE ACTIVITY WAS OBSERVED IN THE SEARCH AREA.

25X1D [REDACTED]

HANDLE VIA
Approved For Release 20
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

25X1D

AKHTUBINSK FLIGHT TEST CENTER

48-17- 046-11-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

A PROBABLE RAM F WAS OBSERVED FOR THE FIRST TIME AT THE FLIGHT TEST CENTER, PARKED ON AN APRON OUTSIDE THE AAM FACILITY. ONE FOXBAT WAS OBSERVED IN THE ASM FACILITY AND TWO FOXBAT WERE IN THE PARKING AREA OUTSIDE THE AAM FACILITY. CONSTRUCTION CONTINUED ON BUILDINGS IN THE SUPPORT AREA AND THE AAM FACILITY, ON THE NEW TAXIWAY AT THE MAIN AIRFIELD, AND ON TAXIWAYS AND ROADS AT THE AREA AIRFIELD.

FOR ORDER OF BATTLE SEE REPORTS ON THE FOLLOWING INSTALLATIONS

--

AKHTUBINSK/VLADIMIROVKA AIRFIELD 25X1A

AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD 25X1A

AKHTUBINSK/VLADIMIROVKA AAM SUPPORT COMPLEX 25X1A

AKHTUBINSK/VLADIMIROVKA ASM SUPPORT COMPLEX

(SEE ATTACHMENT)

25X1D

EMBA MISSILE TEST CENTER

48-38-//N 058-03-//E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

ALL FACILITIES WERE COVERED BY PHOTOGRAPHY. TRAINING EXERCISES WERE IN PROGRESS WEST OF SUPPORT AREA A. A THIRD LEG OF THE INTERFEROMETER AT TRACKING FACILITY 6 WAS UNDER CONSTRUCTION. NO APPRECIABLE CHANGES WERE OBSERVED AT OTHER FACILITIES SINCE

25X1D

25X1D

HANDLE VIA
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TALANT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
MISSILE RANGES

25X1D

EMBA MSL TEST CENTER LAUNCH COMPLEX

25X1D

25X1D

48-30- 058-03-

STATUS: OPERATIONAL

25X1A

REMARKS:

ACTIVITY WAS OBSERVED AT LAUNCH AREAS A AND B. CONSTRUCTION WAS CONTINUING ON THE NEW LAUNCH AREA NEAR LAUNCH AREAS A AND B.

25X1D

25X1D

25X1D

48-48- 045-43-

25X1D

KAPUSTIN YAR SAM FIRING RANGE

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL FACILITIES AT THE RANGE WERE COVERED.

25X1D

MAJOR NEW CONSTRUCTION ACTIVITY WAS OBSERVED APPROXIMATELY 2 NM WEST OF THE PRECISION TRACKING RADAR FACILITY NEAR SAM TRAINING SITE A. THE ACCESS ROAD TO THE ACTIVITY WAS FIRST OBSERVED IN THE IRREGULARLY SHAPED AREA IS PROBABLY FENCED. IT CONTAINED A PARTIALLY COMPLETED DOME, A LARGE BUILDING, TWO AREAS OF UNIDENTIFIED SCARRING, A POSSIBLE LAUNCH FACILITY, AND A PROBABLE SUPPORT ACTIVITY ADJACENT TO SAM TRAINING SITE A. THE UNIDENTIFIED SCARRING IN EACH AREA CONSISTED OF THREE SPOKES WITH THREE POSSIBLE GUY ANCHORS EACH. THE POSSIBLE LAUNCH FACILITY CONSISTED OF TWO ROAD-SERVED CIRCULAR PADS WITH REVETMENT WALLS ON THE DOWNRANGE SIDE. TWO RECTANGULAR AREAS WITH STRIATIONS SEPARATED THE TWO PADS. TWELVE PROBABLE TENTS WERE WITHIN THE AREA OF CONSTRUCTION. THE PURPOSE OR FUNCTION OF THIS ACTIVITY IS NOT KNOWN AT THIS TIME. THE GUIDANCE AREA OF SAM TRAINING SITE A WAS OCCUPIED.

25X1D

25X1D

25X1D

48-42- 046-00-

25X1D

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL LAUNCH COMPLEXES WERE AT LEAST PARTIALLY COVERED. ON AND

HANDLE VIA
Talent Keyhole
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
MISSILE RANGES

NEAR LAUNCH PAD 2C-1, MISSILE-ASSOCIATED VEHICLE ACTIVITY WAS OBSERVED. AT LAUNCH AREA 3C, TWO SIMULTANEOUS MISSILE EXERCISES, EACH WITH AN ERECTED PROBABLE SS-4 MISSILE AND THE REQUIRED GROUND SUPPORT EQUIPMENT, WERE OBSERVED ON LAUNCH PADS 3C-1 AND 3C-2. AT LAUNCH AREA 4C, THE SOUTHWESTERN (SS-5) SILO OF LAUNCH SITE 4C-2 WAS OPEN. POOR INTERPRETABILITY PRECLUDED GAINING ANY ADDITIONAL DETAILS OF THE CONSTRUCTION ACTIVITY AT LAUNCH AREA 5C AND LAUNCH AREA 7C.

A PROBABLE DUMMY SA-2 SITE WAS UNDER CONSTRUCTION JUST SOUTH OF THE COMPLEX G HOUSING AND SUPPORT AREA.

APPROXIMATELY SIX UNIDENTIFIED VEHICLES WERE MOVING IN AN EASTERLY DIRECTION ON A TRAIL LEADING FROM LAUNCH COMPLEX H.

25X1D

25X1D

25X1D

NENOKSA MISSILE TEST CENTER

64-38- 039-11-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

NO ACTIVITY OR CHANGES WERE OBSERVED IN THE CLOUD-FREE PORTIONS OF THE MISSILE TEST CENTER.

25X1D

25X1D

25X1D

SARY-SHAGAN MISSILE TEST CENTER

46-11- 072-41-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE ENTIRE TEST CENTER EXCEPT FOR THE ASAT/SPACE TRACKING RADAR FACILITY, SAM SITE E06-2, AND TRACKING FACILITY 13 WAS OBSERVED.

25X1D

AT LAUNCH COMPLEX F, A PROBABLE MISSILE CANISTER WAS OBSERVED IN AN ELEVATED POSITION IN THE LAUNCHER ERECTOR AT LAUNCH POSITION 1B ON THE SIZE AND DETAILS OF THE PROBABLE MISSILE CANISTER COULD NOT BE DETERMINED. THE MISSILE CANISTER OBSERVED AT LAUNCH POSITION 1A ON WAS NO LONGER PRESENT.

25X1D

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
MISSILE RANGES

25X1D AT LAUNCH COMPLEX D, A PROBABLE GALOSH MISSILE CANISTER WAS
OBSERVED AT LAUNCH POSITION D1 ON [REDACTED] A GALOSH MISSILE
CANISTER HAD BEEN OBSERVED AT THIS SAME LAUNCH POSITION ON THE
TWO PREVIOUS DATES OF COVERAGE, [REDACTED] 25X1D

25X1D [REDACTED]

25X1D AT LAUNCH COMPLEX B, THREE GALOSH MISSILE CANISTERS WERE
OBSERVED ON [REDACTED] ONE OF THE MISSILE CANISTERS WAS PARKED
ON THE ROAD NEAR LAUNCH POSITION C3. THE OTHER TWO WERE ENGAGED
HORIZONTALLY IN THE LAUNCHER ERECTORS AT LAUNCH POSITIONS C1
AND C2.

25X1D A PROBABLE INTERFEROMETER WAS OBSERVED IN THE INITIAL STAGE OF
CONSTRUCTION APPROXIMATELY 2 NM SE OF THE INTERSECTION OF TWO
ROADS, ONE LEADING TO LAUNCH COMPLEXES A AND F AND THE OTHER TO
LAUNCH COMPLEX B. THE MAP-DERIVED GEOGRAPHIC COORDINATES FOR
THE PROBABLE INTERFEROMETER ARE APPROXIMATELY 46-06-20N
073-05-30E. ON [REDACTED] GRADING FOR THE BASE LEGS OF THE
PROBABLE INTERFEROMETER ALONG APPROXIMATE AZIMUTHS OF 336/156
AND 246/066 DEGREES WAS OBSERVED.

A SECOND AREA OF NEW ACTIVITY, CONSISTING OF SEVERAL BUILDING
FOUNDATIONS AND NINE PROBABLE CONSTRUCTION SUPPORT VANS, WAS
OBSERVED APPROXIMATELY 6 NM ESE OF THE INTERSECTION OF THE
ROADS LEADING TO LAUNCH COMPLEX B AND LAUNCH COMPLEX E. THE
MAP-DERIVED GEOGRAPHIC COORDINATES FOR THIS AREA ARE
APPROXIMATELY 45-55-30N 072-50-10E

25X1D [REDACTED]

25X1D 25X1D

TYURATAM ICBM LAUNCH TEST SITE H1/2

45-59-[REDACTED] 063-42-[REDACTED]

25X1D [REDACTED]

STATUS:UNKNOWN

25X1A

REMARKS:

NO ADDITIONAL DETAILS OF THE NEW TRANSPORTER ERECTORS OR
CONSTRUCTION ACTIVITY COULD BE OBSERVED AT LAUNCH PADS H1 OR
H2. AN UNIDENTIFIED DARK-TONED OBJECT APPROXIMATELY [REDACTED] 25X1D
[REDACTED] IN DIAMETER WAS
ON THE RAIL WHICH LEADS TO THE H2 READY BUILDING.

25X1D [REDACTED]

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
MISSILE RANGES

TYURATAM MISSILE TEST CENTER

25X1D

25X1D

45-56- 063-28-

25X1A

STATUS: OPERATIONAL

REMARKS:

25X1D

25X1D

PARTIAL COVERAGE WAS OBTAINED OF THE TEST CENTER ON [REDACTED] COMPLETE COVERAGE WAS OBTAINED OF LAUNCH COMPLEXES C, D, E, F, G, AND H, LAUNCH GROUPS K, L, M, N, O, AND S, AND THE SUPPORT FACILITIES ALONG THE MAIN NORTH-SOUTH RANGEHEAD ROAD. PARTIAL COVERAGE WAS OBTAINED OF LAUNCH GROUPS P, Q, AND R, ALTHOUGH THE ONLY SITE (R11) OF LAUNCH GROUP R THAT WAS OBSERVED WAS IDENTIFIABLE ONLY. LAUNCH COMPLEXES A, B, AND J WERE IDENTIFIABLE ONLY.

25X1D

A PROBABLE NEW LAUNCH SITE WAS IDENTIFIED UNDER CONSTRUCTION AT 46-14N 063-54E, APPROXIMATELY 14 NM NW OF LAUNCH COMPLEX D AND 17 NM NE OF LAUNCH COMPLEX H. THE SITE CONTAINED TWO PROBABLE SILOS WITHIN A SQUARE SECURED AREA. EACH SIDE OF THE SECURED AREA IS APPROXIMATELY 914 METERS (3,000 FEET) IN LENGTH. THE SILOS ARE APPROXIMATELY 12 METERS (39 FEET) IN DIAMETER AND ARE SPACED APPROXIMATELY [REDACTED] APART. THREE CONSTRUCTION-SUPPORT-TYPE BUILDINGS ARE AT THE SOUTHERN EDGE OF THE SECURED AREA. THE PROBABLE NEW SITE WILL BE CONNECTED TO THE RANGEHEAD BY A NEW ROAD WHICH IS UNDER CONSTRUCTION. THE NEW ROAD IS BEING EXTENDED FROM THE MAIN EAST-WEST RANGEHEAD ROAD AT A POINT APPROXIMATELY 4 NM EAST OF LAUNCH COMPLEX H. THE NEW SITE WAS NOT PRESENT ON [REDACTED] AND 25X1D COULD FIRST BE OBSERVED ON [REDACTED]. 25X1D

25X1D

TWO TYPE IIIG LAUNCH SITES WERE IDENTIFIED ON THIS MISSION. ONE WAS UNDER CONSTRUCTION AT LAUNCH SITE L8 AND THE OTHER AT L9, BOTH OF WHICH WERE PREVIOUSLY TYPE IIID (SS-11) LAUNCH SITES. THE TWO SITES HAVE BEEN REDESIGNATED LAUNCH SITES S6 AND S7, RESPECTIVELY. THESE TWO SITES BRING THE TOTAL NUMBER OF IIIG SITES AT THE TEST RANGE TO SEVEN. THE CONSTRUCTION OF SITES S6 AND S7 WAS NOT APPARENT ON [REDACTED] AND COULD FIRST BE OBSERVED ON THE PRESENT MISSION. NO SIGNIFICANT CHANGE WAS OBSERVED AT THE OTHER SITES OF LAUNCH GROUP S SINCE THEY WERE PREVIOUSLY OBSERVED ON [REDACTED]. 25X1D

25X1D

A PROBABLE MISSILE-LOADING EXERCISE WAS OBSERVED AT LAUNCH SITE K2 ON [REDACTED] AT LAUNCH SITE G3-G4, AN EMPTY GANTRY WAS ON LAUNCH PAD G4. AT THE RANGEHEAD TRACKING FACILITY, THE NORTH AND WEST BASE LEGS WERE BEING EXTENDED. FROM THE CENTER ANTENNA

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

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KH-4 MISSION 1115-1

SOVIET UNION
MISSILE RANGES

25X1D

POSITION, THE NORTHERN BASE LEG HAD BEEN EXTENDED APPROXIMATELY
6,049 METERS (19,847 FEET) ON AN AZIMUTH OF 1 DEGREE AND THE
WESTERN BASE LEG HAD BEEN EXTENDED APPROXIMATELY [REDACTED]
[REDACTED] ON AN AZIMUTH OF 271 DEGREES. NO OTHER
SIGNIFICANT ACTIVITY WAS OBSERVED AT THE RANGEHEAD.

25X1D

(SEE ATTACHMENT)

25X1D

PHOTOGRAPHIC REFERENCES FOR NEW LAUNCH SITES --

LS S6 -- [REDACTED]
LS S7 -- [REDACTED]
PROB LS -- [REDACTED]

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

25X1D

SASYKTAU MISSILE LAUNCH FACILITY

47-32-[REDACTED] 049-26-[REDACTED]

STATUS: OPERATIONAL

25X1D

25X1A

25X1D

[REDACTED]

HANDLE VIA
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TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D ALMA-ATA SAM COMPLEX B35-5 25X1D 25X1D
43-26- 076-51-
25X1A
* STATUS: UNDER CONSTRUCTION
PHYSICAL DESCRIPTION:
APPROXIMATELY 12 NM NNW OF ALMA-ATA.
THIS SA-5 COMPLEX IS UNDER CONSTRUCTION AND HAS A TARGET
DIAMETER OF APPROXIMATELY 8 NM. THE COMPLEX CONSISTS OF TWO
SIX-POSITION LAUNCH SITES, A TRACKING AND GUIDANCE FACILITY
25X1D CONSTRUCTION. THE COMPLEX IS ORIENTED IN A NE DIRECTION. AN 25X1A
25X1D AIR WARNING FACILITY, APPROXIMATELY 4 NM SSE AT
43-23- 076-53-, MAY BE ASSOCIATED WITH THE COMPLEX. THE
25X1D COMPLEX WAS NOT OBSERVED ON PHOTOGRAPHY OF AND WAS FIRST OBSERVED ON THIS MISSION. 25X1D
IMAGE DERIVED COORDINATES:
25X1D
MAP SOURCE REFERENCE:
0329-2HL
25X1D
25X1D MOSKVA ABM LAUNCH COMPLEX E03 25X1D 25X1D
56-23- 038-11-
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
TWO AREAS OF PROBABLE EARTH SCRAPING WERE OBSERVED IN THE TRY
ADD AREA. THIS ACTIVITY, NORTH AND NE OF THE TRY ADD A
BUILDING, MAY HAVE BEEN IN PREPARATION FOR NEW CONSTRUCTION. AT
THE EASTERN EDGE OF THE COMPLEX, POSSIBLE CONSTRUCTION
MATERIALS WERE STILL EVIDENT ALONG TWO OF THE OLD SA-1 LAUNCH
25X1D SITE ROADS. A POSSIBLE WALL HAD BEEN CONSTRUCTED ALONG THE NW
SIDE OF THE CONCRETE APRON REPORTED TO BE UNDER CONSTRUCTION ON
MODIFICATION OF THE EXISTING TRY ADD BUILDINGS.
25X1D

HANDLE VIA TOP SECRET RUFF 25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
TALANT KEYHOLE
CONTROL SYSTEM ONLY 25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
AIR DEFENSE MISSILES

OTHER RESULTS-NO APPARENT CHANGE

25X1D MOSKVA ABM LAUNCH COMPLEX E05 25X1D 25X1D
56-14- 038-34-
STATUS: OPERATIONAL 25X1D 25X1A
25X1D

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

MOSCOW/SHEREMETYEVO AIRFIELD

55-58- 037-24-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

AT LEAST 80 PERCENT OF THE AIRFIELD WAS CLOUD COVERED.

AIR ORDER OF BATTLE:

25X1D

1 CHARGER
5 CLASSIC
2 CAT/CUB

5 LIGHT STRAIGHT-WING
3 SMALL STRAIGHT-WING

25X1D

HANDLE VIA TOP SECRET RUFF 25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A0030000100087
TALANT-KEYHOLE 25X1C
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1115-1 NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D DUNAY SUB BASE A SHPYD RAZBOYNIK BAY 25X1D 25X1D
42-53- 132-21-
STATUS: OPERATIONAL 25X1A

REMARKS:
CONSTRUCTION APPEARED TO BE CONTINUING ON THE NEW BUILDING AT
THE SHIPYARD.

25X1D NAVAL ORDER OF BATTLE:
2 LARGE SS 6 YAGT
4 PROB MHC 7 UNIDENTIFIED AUXILIARIES
1 DNEPR AR 7 SMALL VESSELS
1 202A AR 1 FLOATING DOCK (EMPTY)

25X1D 25X1D 25X1D
DUNAY SUB BASE KONYUSHKOVA BAY 42-51- 132-21-
STATUS: OPERATIONAL 25X1D 25X1A

25X1D NAVAL ORDER OF BATTLE:
1 LARGE SS 2 UNIDENTIFIED AG
1 UNIDENTIFIED SS
(UNDERWAY)

25X1D 25X1D 25X1D
IOKANGA NAVAL BASE + SHIP REPAIR YARD 68-03- 039-29-
STATUS: OPERATIONAL 25X1A

REMARKS:
THE ARCH-ROOFED BUILDING APPEARED TO BE IN THE LATE STAGES OF
CONSTRUCTION.

25X1D NAVAL ORDER OF BATTLE:
1 N SSN 15 UNIDENTIFIED VESSELS

HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM ONLY TOP SECRET RUFF 25X1C
Approved For Release 2000/04/17 : CIA-RDP78T04562A0030000100087
25X1C

TCS-20439/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1115-1 NAVAL BASE FACILITIES

7 SS

25X1D

25X1D 25X1D

LITSA GUBA SUBMARINE BASE NORTH

69-27- 032-26-

25X1D

STATUS: OPERATIONAL 25X1D

25X1A

NAVAL ORDER OF BATTLE:

25X1D

4 E-II SSGN
3 BOLVA APL
2 UGRA AS

1 YR
1 UNIDENTIFIED VESSEL
5 MISCELLANEOUS VESSELS

25X1D

25X1D 25X1D

LITSA GUBA SUBMARINE BASE SOUTH

69-26- 032-25-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

EXCAVATION ACTIVITY AT THE L-HEAD PIER SW OF LITSA SOUTH WAS NOT OBSERVED BECAUSE OF CLOUD COVER.

NAVAL ORDER OF BATTLE:

25X1D

1 P SSGN
1 E-II SSGN
2 C SSGN
1 PROB C SSGN
1 C/V SSGN/SSN
1 V SSN
1 POSS OSS

1 KHERSON-A APL
1 BOLVA APL
1 AMUR AR
4 UNIDENTIFIED VESSELS
2 MISCELLANEOUS VESSELS
1 FLOATING CRANE

25X1D

25X1D 25X1D

PETROPAVLOVSK SHPYD + NVB SELDEVAYA

52-53- 158-25-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

AN UNOCCUPIED ARD (T) NO 1 WAS OBSERVED BERTHED ALONGSIDE THE

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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
NAVAL BASE FACILITIES

QUAY. THE FLOATING DOCK WAS UNOCCUPIED.

NAVAL ORDER OF BATTLE:

25X1D

4 UNIDENTIFIED SS
6 LARGE VESSELS
(UNIDENTIFIED)

1 ARD (T) NO 1
11 SMALL VESSELS
(UNIDENTIFIED)

25X1D

25X1D

25X1D

SAYDA GUBA SUBMARINE BASE

69-15- 033-19-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THREE OF THE 12 Y SSBN PRESENT HAD DARK-TONED SONAR ARRAYS.
CONSTRUCTION ACTIVITY CONTINUED ON THE SW EDGE OF THE BASE.

NAVAL ORDER OF BATTLE:

25X1D

12 Y SSBN
2 H-II SSBN
1 K-I OSS
3 BOLVA APL
1 AMUR AR
1 DNEPR AR
1 UGRA AS

1 DVINA YR
3 SMALL VESSELS
(UNIDENTIFIED)
4 BARGES
14 MISCELLANEOUS VESSELS
1 FLOATING CRANE

25X1D

25X1D

25X1D

SEVERODVINSK NAVAL BASE WEST

64-34- 039-45-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE ADMINISTRATION-TYPE
BUILDING.

NAVAL ORDER OF BATTLE:

25X1D

1 J SSG
5 MEDIUM SS
5 RIGA DE
1 POSS T-58 MSF/ASR

3 AUXILIARIES
1 BOLVA APL
2 ARD(T)
1 YAGT

HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM ONLY TOP SECRET RUFF Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7 25X1C 25X1C

TCS-20439/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1115-1 NAVAL BASE FACILITIES

1 POSS T-43 MSF 1 MISCELLANEOUS CRAFT
2 SMALL COMBATANTS

25X1D 25X1D 25X1D
SEVEROMORSK NAVAL BASE 69-04- 033-25-
25X1D STATUS:OPERATIONAL 25X1D 25X1A

25X1D NAVAL ORDER OF BATTLE:
3 KRESTA CLGM 2 KOTLIN DD
1 SVERDLOV CL (AT ANCHOR) 2 SKORYY DD
1 KANIN DDG 5 PETYA DE
1 KOTLIN DDG 3 MISCELLANEOUS CRAFT

25X1D 25X1D 25X1D
STRELOK ST SUB BASE PAVLOVSKOGO BAY 42-52- 132-31-
25X1D STATUS:OPERATIONAL 25X1D 25X1A

25X1D NAVAL ORDER OF BATTLE:
3 LARGE SS 1 AG

25X1D 25X1D 25X1D
VLADIVOSTOK NAVAL BASE + SHIPYARD 202 43-06- 131-55-
25X1D STATUS:OPERATIONAL 25X1D 25X1A

-25X1D NAVAL ORDER OF BATTLE:
7 POSS SS
1 POSS SVERDLOV CL
32 LARGE VESSELS
UNIDENTIFIED VESSELS
(NUMEROUS)

25X1D

HANDLE VIA TOP SECRET RUFF 25X1C
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TALENT KEYHOLE 25X1C
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1
SOVIET UNION
NAVAL BASE FACILITIES

25X1D VLADIVOSTOK SUBMARINE BASE ULISA BAY 25X1D 25X1D
43-04- 131-55-2
25X1A
STATUS: OPERATIONAL 25X1D
25X1D NAVAL ORDER OF BATTLE:
2 POSS SS 1 UNIDENTIFIED VESSEL
25X1D

HANDLE VIA TOP SECRET RUFF [REDACTED] 25X1C
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TALENT-KEYHOLE [REDACTED] 25X1C
CONTROL SYSTEM ONLY

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D YEREVAN ARMY BARRACKS MGUB AL 9 25X1D 25X1D
40-15- [REDACTED] 044-36- [REDACTED]
25X1D [REDACTED]
STATUS: OCCUPIED 25X1D 25X1A
25X1D GROUND FORCE ORDER OF BATTLE:
30 VEHICLES/PIECES OF EQUIP
(AT LEAST)
25X1D [REDACTED]

Next 6 Page(s) In Document Exempt

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

25X1D BIYSK ROCKET MOTOR TEST FACILITY 25X1D 25X1D
52-29- 085-07-
25X1A
STATUS: OPERATIONAL
ASSOCIATED OBJECTS:
25X1D -- IN ISOLATED TEST POSITION
1 PROB RKT MTR/TEST
APPARATUS
25X1D
25X1D BIYSK SOLID MOTOR PRODUCTION PLANT 25X1D 25X1D
52-29- 085-05-
25X1A
STATUS: OPERATIONAL
REMARKS:
A LONG COVERED RAILCAR WAS NEAR THE UNIDENTIFIED BUILDING IN
THE LINE OF BUILDINGS SERVED BY THE BAY CHARGER ON 25X1D
THE BAY CHARGER WAS PROBABLY IN ONE OF THE GARAGES. A SECOND
LONG COVERED RAILCAR WAS BETWEEN THE TWO PROBABLE LAG STORAGE
BUILDINGS.
ASSOCIATED OBJECTS:
25X1D 2 LONG COVERED RAILCARS
25X1D
25X1D GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21 25X1D 25X1D
56-19- 043-51-
25X1A
STATUS: OPERATIONAL 25X1D
ASSOCIATED OBJECTS:
25X1D -- AT THE AIRFIELD
11 FOXBAT 1 CAB
25 FISHBED 1 COLT
1 CAT/CUB 2 CREEK
1 CRATE

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

25X1D

25X1D

25X1D

GORKIY SHIPYARD NO 112

56-21- 043-52-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION CONTINUED ON THE ELL OF THE LARGE FABRICATION BUILDING. THE LARGE SELF-PROPELLED FLOATING CRANE HAD BEEN LAUNCHED BETWEEN

NAVAL ORDER OF BATTLE:

25X1D

25X1D

1 LAMBET OSS
1 975-CLASS YRSN
2 RECTANGULAR SPT BARGES

2 VOLGA BALT BULK CARRIERS
(1 UNDER CONSTRUCTION)
12 MISCELLANEOUS CRAFT

25X1D

25X1D

25X1D

KOMSOMOLSK SHIPYARD AMUR 199

50-32- 137-03-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

A Y SSBN WAS OBSERVED OUTBOARD THE 975-CLASS YRSN AT THE FITTING-OUT PIER. AN UNOCCUPIED ARD (T) NO 1 WAS OBSERVED MED-MOORED TO THE MAIN QUAY. THE TURTLEBACK OF THE Y SSBN WAS STILL COVERED WITH A SHELTER. THE LAUNCHING DOCK SUPPORT DEVICE WAS STILL POSITIONED IN ALIGNMENT WITH BUILDINGWAY NO 2 OF THE FOUR-DOOR CONSTRUCTION HALL. THE TRANSPORTER CRANE WAS POSITIONED ALONG THE PORT SIDE OF THE ARD (T) NO 1. ITS BOOM EXTENDED OVER THE FLOOR OF THE DOCK.

NAVAL ORDER OF BATTLE:

25X1D

1 Y SSBN
1 975-CLASS YRSN
1 ARD (T) NO 1

1 FERRY
1 TRANSPORTER CRANE

ASSOCIATED OBJECTS:

25X1D

5 POSS SUBMARINE HULL
SECTIONS

HANDLE VIA Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY 25X1C
25X1C

TCS-20439/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1115-1 INDUSTRY

25X1D [REDACTED] 25X1D

25X1D [REDACTED] 25X1D 25X1D

25X1D KUYBYSHEV AEROSPACE PRODUCTION PLT 1 53-13-[REDACTED] 050-18-[REDACTED]

STATUS: OPERATIONAL 25X1D 25X1A

25X1D ASSOCIATED OBJECTS:
20 LONG RAILCARS (AT LEAST)

25X1D [REDACTED] 25X1D 25X1D

25X1D KUYBYSHEV AIRFRAME PLT LENIN 18 53-13-[REDACTED] 050-18-[REDACTED]

STATUS: OPERATIONAL 25X1A

25X1D REMARKS:
NO BEAR OR CARELESS WERE OBSERVED AT THE PLANT ON PHOTOGRAPHY
OF [REDACTED]. THIS WAS THE FIRST TIME SINCE [REDACTED] 25X1D
25X1D [REDACTED] THAT NO BEAR WERE OBSERVED AT THE PLANT.

25X1D ASSOCIATED OBJECTS:
-- AT THE PLANT
1 PROB FLAGON 2 CLOD
3 CAT/CUB 7 CAB
1 COKE 1 COLT
4 CRATE 1 CREEK

25X1D [REDACTED]

HANDLE VIA TALENT-KEYHOLE
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CONTROL SYSTEM ONLY

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

25X1D LUKHOVITSY AIRFRAME PLT 25X1D 25X1D
54-54- 039-02-
25X1D
25X1D
STATUS: OPERATIONAL 25X1A

25X1D ASSOCIATED OBJECTS:
-- AT THE PLANT
1 MEDIUM SWEEP-WING 15 DELTA/SWEEP-WING (AT
2 MEDIUM STRAIGHT-WING LEAST)

25X1D -- AT THE PLANT
1 BEAGLE 1 MAY
1 CAMEL/COOKER 31 DELTA/SWEEP-WING (AT
2 COOT LEAST)
1 CRATE

25X1D
25X1D NOVOSIBIRSK AIRFRAME PLT CHKALOV 153 25X1D 25X1D
55-04- 082-58-
25X1D
STATUS: OPERATIONAL 25X1D 25X1A

25X1D ASSOCIATED OBJECTS:
1 SMALL DELTA-WING 5 POSS SMALL AIRCRAFT

25X1D
25X1D 25X1D 25X1D
PETROVKA NAVAL BASE + SHIPYARD 43-06- 132-20-
25X1D
STATUS: OPERATIONAL 25X1A

REMARKS:
THE THIRD SECTION OF ROOF OVER THE COVERED REPAIRWAY APPEARED
TO BE ALMOST COMPLETE. CONSTRUCTION ACTIVITY CONTINUED IN THE
AREA EAST OF THE WET DOCK. EARTHMOVING ACTIVITY WAS STILL
EVIDENT IN THE AREA EAST OF THE COVERED REPAIRWAY. A NEW
BUILDING APPEARED TO BE IN THE INITIAL STAGES OF CONSTRUCTION
ON THE QUAY, PARALLEL TO POSITIONS IX AND X OF THE FITTING-OUT

HANDLE VIA
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TALENT KEYHOLE
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

AND REPAIR YARD.

NAVAL ORDER OF BATTLE:

25X1D

5 UNIDENTIFIED SS (3 ON
REPAIRWAYS)
1 PROB ARD(T) NO 2 (EMPTY)

2 ZEYA YRSN
11 UNID AUXILIARIES
10 SMALL CRAFT

25X1D

25X1D

25X1D

PETROVKA NUC SUB SUPP FAC

43-07- 132-19-

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

CONSTRUCTION CONTINUED ON ONE OF THE PROCESSING BUILDINGS.

NAVAL ORDER OF BATTLE:

25X1D

NONE PRESENT

25X1D

25X1D

25X1D

RAMENSKOYE FLIGHT TEST CENTER

55-33- 038-07-

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE TUPOLEV AREA WAS CLOUD COVERED. THE MIKOYAN AND SUKHOY
AREAS WERE IDENTIFIABLE ONLY. THE NEW SMALL PROBABLE V/STOL
AIRCRAFT, OBSERVED IN THE YAKOLEV AREA ON

25X1D

25X1D

, WAS NOT DISCERNIBLE. NO OTHER CHANGES WERE OBSERVED AT
THE CENTER.

ASSOCIATED OBJECTS:

25X1D

-- IN MYASISHCHEV AREA

2 BISON
1 BOUNDER
1 PHANTOM F-4
1 PROB COOKER

3 COOT
3 SMALL DELTA/SWEPT-WING
1 LIGHT FUSELAGE

25X1D

-- IN TRANSIENT AREA (10% CLOUD COVER)

6 CAMEL
7 PROB CAT/CUB

1 CAB
1 SMALL STRAIGHT-WING

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000030008 7
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C
25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

2 COOT
3 COKE

1 SMALL SWEPT-WING

25X1D [REDACTED] -- IN MIL AREA
1 PROB HEAVY HELICOPTER
6 MEDIUM HELICOPTERS (AT
LEAST)

25X1D [REDACTED] -- IN ILYUSHIN AREA (10% CLOUD COVER)
1 CLASSIC 1 HOMER
1 CANDID 1 MEDIUM SWEPT-WING
5 COOT 1 MEDIUM STRAIGHT-WING
2 MAY 3 SMALL AIRCRAFT

25X1D [REDACTED] -- IN YAKOVLEV AREA
7 CODLING 1 SMALL STRAIGHT-WING
5 SMALL DELTA/SWEPT-WING
(AT LEAST)

25X1D [REDACTED] -- IN CROSSOVER AREA
29 SMALL DELTA/SWEPT-WING
(AT LEAST)

25X1D [REDACTED] -- ON EAST PARKING APRON
8 BADGER 2 PROB COOKPOT
6 FOXBAT

25X1D [REDACTED]

25X2

25X1D

25X1D

25X1D [REDACTED] 64-34- [REDACTED] 039-46- [REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:
THE BUILDING UNDER CONSTRUCTION IN THE NE CORNER OF THE
FACILITY APPEARED TO BE ABOUT ONE-HALF COMPLETE. WORK ON THE
QUAY EXTENSION WAS CONTINUING.

NAVAL ORDER OF BATTLE:

25X1D [REDACTED]
2 E-II SSGN 2 RECTANGULAR SPT BARGES
1 V SSN 1 CARGO BARGE
1 BUSSARD AKL 5 YAGT

25X1D [REDACTED]

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008 7
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

25X1D

25X1D

SEVERODVINSK SHIPYARD YAGRY ISLAND

64-35- 039-48-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

25X1D

THE 402K SSB REMAINED AT POSITION I OF THE MAIN QUAY. THE ENVIRONMENTAL SHELTER SEEN ON THE TURTLEBACK OVER THE AFT PROBABLE MISSILE TUBE ON WAS NOT DISCERNIBLE. THE A SSN REMAINED BETWEEN THE 925 YRSN AND THE 975 YRSN AT THE MAIN QUAY. AN E-II SSGN, A G-I SSB IN CONVERSION, AN N SSN, AND A RECTANGULAR SUPPORT BARGE WERE IN THE WET BASIN. TWO E-II SSGN (1 IN ARD-D) AND AN N SSN WERE ALONG THE QUAY. FOOTINGS FOR A LARGE POSSIBLE FABRICATION-TYPE BUILDING WERE OBSERVED NW OF THE WET BASIN.

NAVAL ORDER OF BATTLE:

25X1D

3 E-II SSGN (1 IN BASIN, 1 IN ARD-D)	1 IRTYSH ASL
1 402K SSB	1 975-CLASS YRSN
1 G-I SSB (IN BASIN)	1 925-CLASS YRSN
1 A SSN	2 ZEYA YRSN
2 N SSN (1 IN BASIN)	1 ARD (D)
2 BOLVA APL	4 RECTANGULAR SUPT BARGES

25X1D

25X1D

25X1D

SEVERODVINSK SHIPYARD 402

64-34- 039-49-

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

25X1D

THE Y SSBN THAT WAS LAUNCHED FROM BUILDINGWAY A ON REMAINED ON LAUNCH RAIL A. THE BASIN WAS PARTIALLY FLOODED. NO FLOTATION DEVICES WERE ATTACHED TO THE SUBMARINE, HOWEVER, DEVICES WERE IN THE BASIN. A Y SSBN WAS AT POSITION II ALONGSIDE THE MAIN QUAY, AND THE H-III SSBN WAS AT POSITION I. THE P SSGN LAST SEEN AT THE DEGAUSSING SITE ON 2 SEP HAD DEPARTED. THE UNUSUALLY SHAPED VESSEL DESIGNATED THE 402L REMAINED ALONGSIDE THE MAIN QUAY.

25X1D

A C SSGN IN AN ARD (T) WAS AT THE EAST QUAY ALONGSIDE A 112-B YRSN. A WATERBORNE C SSGN WAS OBSERVED AT THIS QUAY ON

25X1D

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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TOP SECRET RUFF

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

25X1D [REDACTED] WORK ON THE NEW CONSTRUCTION HALL WAS
CONTINUING. TWO OR THREE SUBMARINE HULL SECTIONS WERE AT THE
ENTRANCE TO THE MAIN CONSTRUCTION HALL, AND AT LEAST FIVE OTHER
HULL SECTIONS WERE IN THE ASSEMBLY AREA.

25X1D NAVAL ORDER OF BATTLE:

2 Y SSBN (1 IN LAUNCH BASIN)	1 ARD (D)
1 H-II SSBN (AT QUAY)	1 402C YRSN
1 E-II SSGN (IN LAUNCH BASIN)	1 975-CLASS YRSN
1 C SSGN (IN ARD-T, AT EAST QUAY)	1 925-CLASS YRSN
1 402-L	1 112B YRSN
1 402H CATAMARAN	1 PM-124 YRSN (AT DEGAUSSING AREA)
	4 RECTANGULAR SUPT BARGES

25X1D [REDACTED]

25X1D

25X1D

VLADIVOSTOK SHIPYARD ULIS

43-05-[REDACTED] 131-55-[REDACTED]

25X1D [REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

THE NUMBER AND TYPE OF VESSELS ON THE BUILDINGWAYS COULD NOT BE
DETERMINED.

25X1D NAVAL ORDER OF BATTLE:

4 UNIDENTIFIED VESSELS

25X1D [REDACTED]

25X1D

25X1D

ZLATOUST ARMAMENT PLANT 66

55-06-[REDACTED] 059-42-[REDACTED]

25X1D [REDACTED]

STATUS: OPERATIONAL

25X1D

25X1A

25X1D ASSOCIATED OBJECTS:

[REDACTED] -- IN PLANT B
13 LONG RAILCARS

25X1D [REDACTED]

HANDLE VIA Approved For Release 2000/04/17 : CIA-RDP78T04562A003000010008-7
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

25X1C

TCS-20439/71 - IPIR 1
KH-4 MISSION 1115-1

SOVIET UNION
INDUSTRY

OTHER RESULTS-NO APPARENT CHANGE

		25X1D	25X1D
25X1D	KEMEROVO SOLID MOTOR PRODUCTION PLT	55-26-	085-58-
	STATUS: OPERATIONAL	25X1D	25X1A
25X1D			
		25X1D	25X1D
25X1D	KURUMUCH ROCKET ENGINE TEST FACILITY	53-32-	049-51-
	STATUS: OPERATIONAL	25X1D	25X1A
25X1D			
		25X1D	25X1D
25X1D	SEVERODVINSK NAVAL MISSILE SUPPORT FAC	64-33-	039-46-
	STATUS: OPERATIONAL	25X1D	25X1A
25X1D	MISSILE ORDER OF BATTLE:		
	NONE DISCERNIBLE		
25X1D			

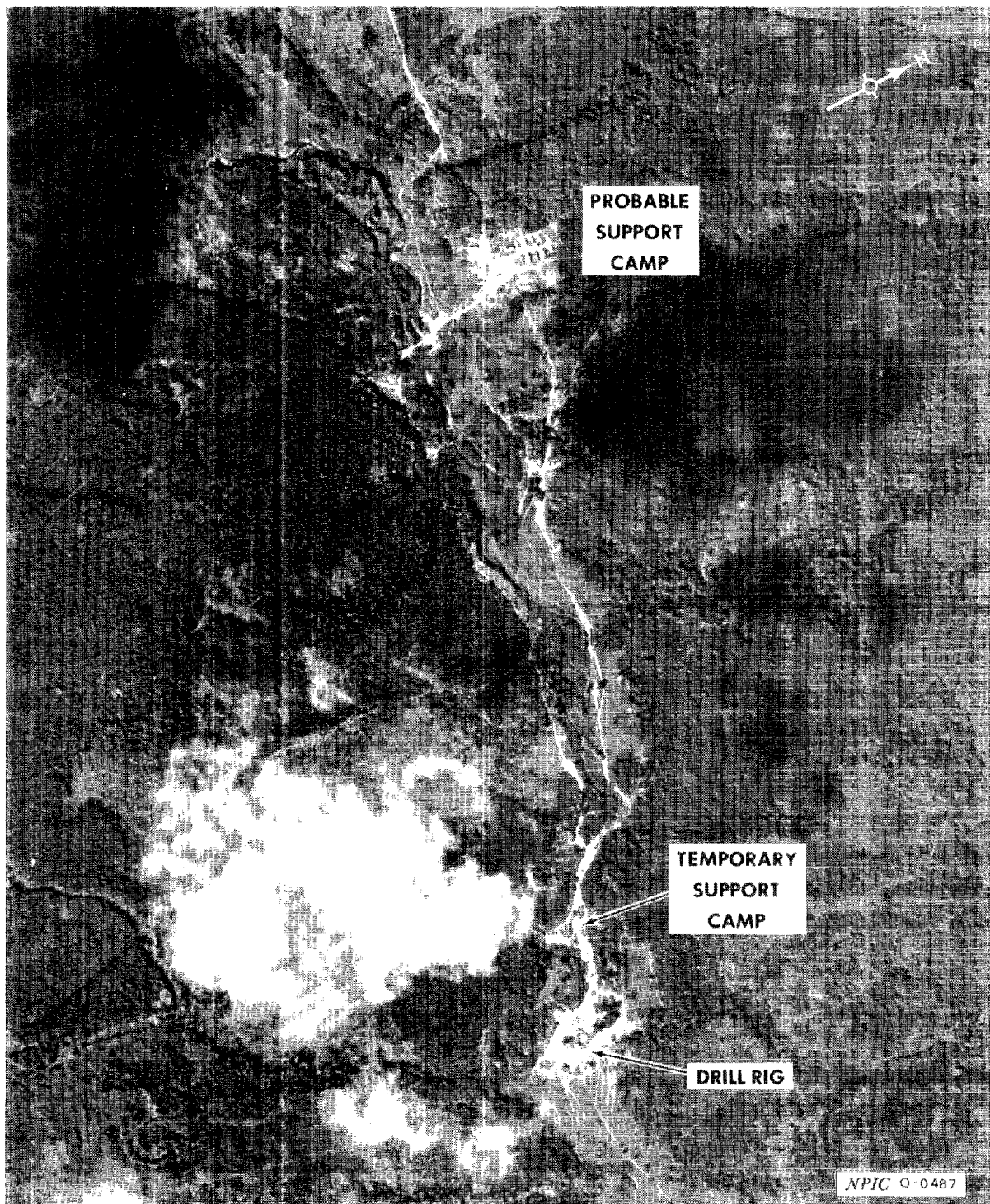
Attachments

Handle Via
Talent Keyhole
Control System Only

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KH-4 MISSION 1115-1
11-17 SEPTEMBER 1971

ATTACHMENT 1



KINCHIMA SEISMIC EVENT, USSR

25X1A

25X1C

09/04/17 : CIA-RDP78T04562A003000010008-7
TOP SECRET RUFF

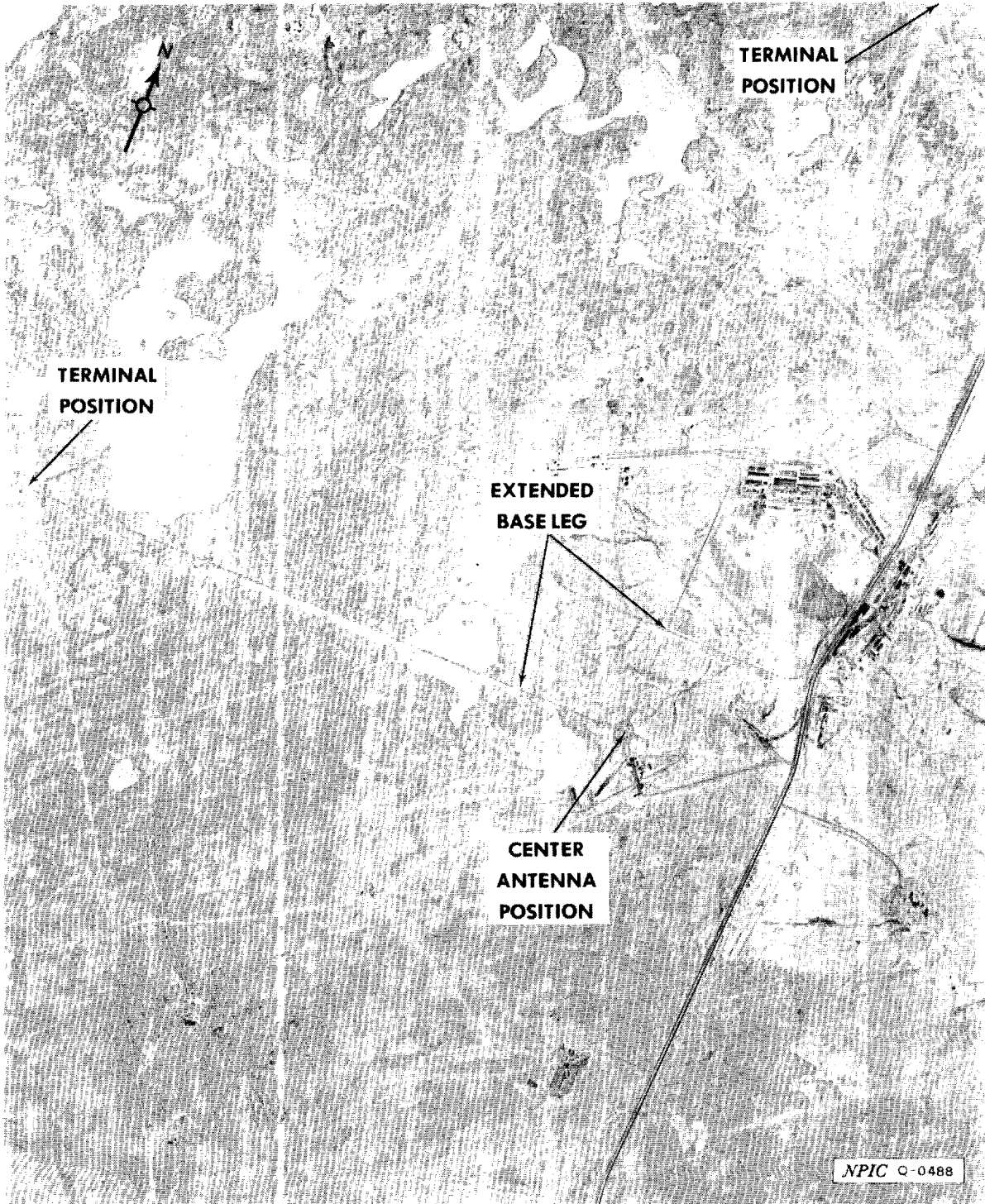
Handle Via
Talent Keyhole
Control System Only

Handle Via
Talent KEYHOLE
Control System Only

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TOP SECRET RUFF
T-20129/71
ATTACHMENT 2



RANGEHEAD TRACKING FACILITY, TYURATAN MISSILE TEST CENTER, USSR

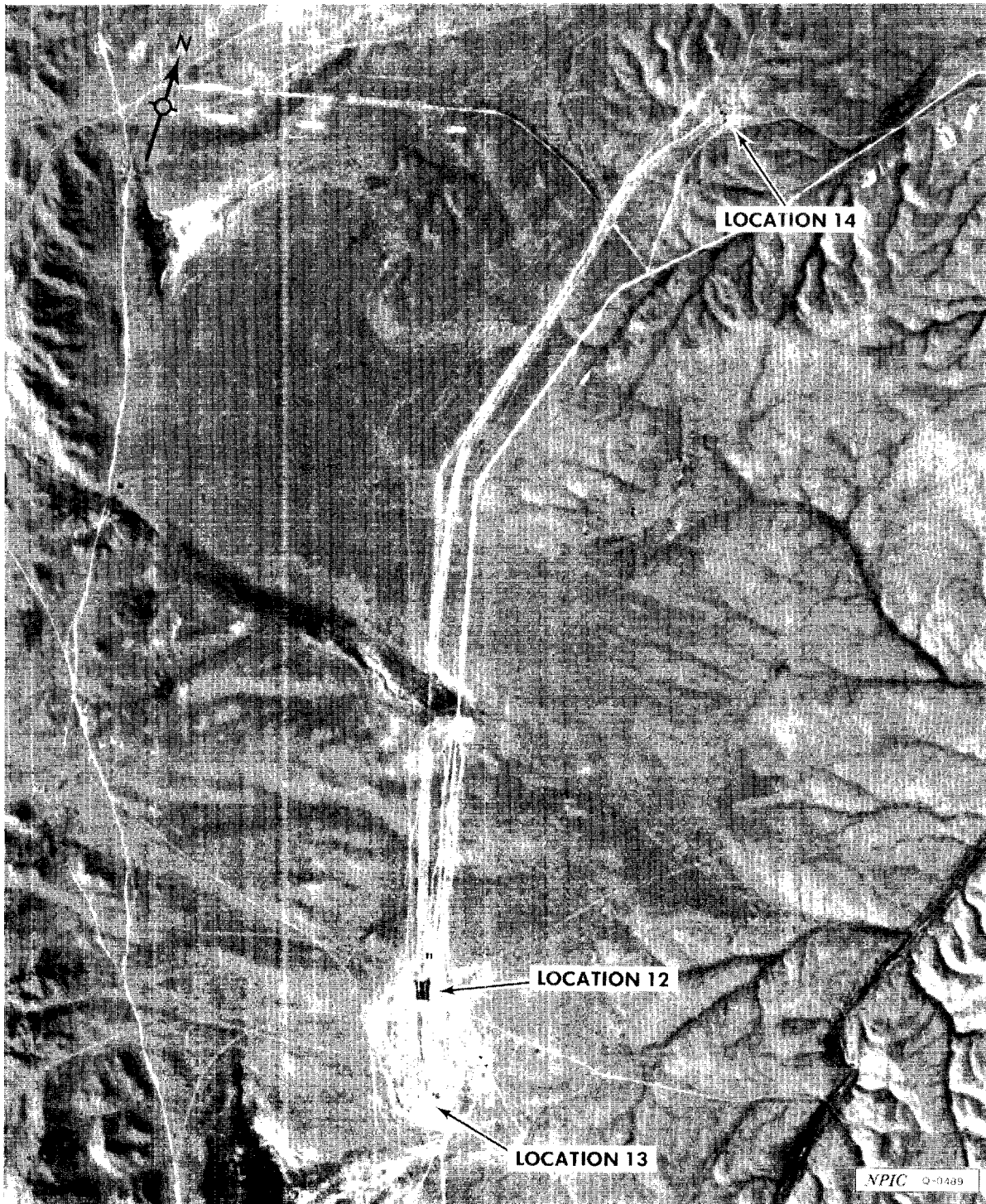
25X1A [REDACTED]

25X1C

[REDACTED]

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TOP SECRET RUFF

Handle Via
Talent KEYHOLE
Control System Only



CHUMDALATINSK NWPG DEGELEN WEST PROBABLE TEST AREA, USSR

25X1A

25X1C

Handle Via
Talent KEYHOLE
Control System Only

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TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC, AND PLESETSK MSC

COMPLEX	SS-7	SS-8	SS-9	SS-11	SS-13		OTHER	TOTALS*	LAUNCH GROUPS	LAUNCHERS		
	TYPE IIA, B & D & IIIA	TYPE IIIC & IIIB	TYPE IIIC	TYPE IIID	TYPE IIIE	TYPE IIIF	UNDET TYPE			NEW THIS MISSION	DROPPED THIS MISSION	
	SITES	LAUNCHERS							IDENTIFIED	INCLUDED IN TOTAL		
	LAUNCHERS									COMPLETE		
ALEYSK ★			30					30	5 / 5			
DOMBAROVSKIY ★			60			5		65	10 / 10			
DROVYANAYA ★	6 / 15			50				65	5 / 5			
GLADKAYA ★	3 / 7			60				67	6 / 6			
IMENI GASTELLO ★			48			5		53	8 / 8			
ITATKA ★	3 / 6							6				
KARTALY ★			42			5		47	7 / 6			
KOSTROMA ★	7 / 15			90				105	9 / 9			
KOZELSK		5 / 12		110				122	11 / 11			
NOVOSIBIRSK ★	5 / 12							12				
OLOVYANNAYA ★	3 / 9			90				99	9 / 9			
OMSK ★		1 / 3						3				
PERM ★	6 / 13			80				93	8 / 8			
SHADRINSK ★	3 / 9							9				
SVOBODNYI ★	8 / 17			60				77	6 / 6			
TATISHCHEVO				120				120	12 / 12			
TEYKOVO ★	6 / 12			80				92	8 / 8			
TYUMEN ★		2 / 4						4				
UZHUR ★			60			5		65	10 / 9			
VERKHNYAYA SALDA ★	9 / 20							20				
YEDROVO	8 / 18			110				128	11 / 11			
YOSHKAR OLA ★	6 / 12				60			72	6 / 4			
YURYA ★	11 / 25							25				
ZHANGIZ-TOBE ★			48			5		53	8 / 8			
TOTALS	84 / 190	8 / 19	288	850	60	25		1432	139 / 135			

TYURATAM MTC *	TOTAL LAUNCHERS INCLUDES 17 SSM R&D SPACE LAUNCH POSITIONS	78		1	
PLESETSK MSC	TOTAL LAUNCHERS INCLUDES 8 SSM R&D SPACE LAUNCH POSITIONS	34			

*TOTALS DO NOT INCLUDE THE TRAINING SITES AT THE 17 SINGLE-SILO COMPLEXES NOR THE TYPE IID LAUNCH SITES AT THE DERAZHNYA MRBM COMPLEX AND THE PERVOMAYSK IRBM COMPLEX.

*COMPLEX AT LEAST PARTIALLY COVERED ON THIS MISSION.

PARENS INDICATE POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN COUNT

25X1C

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KH-4 MISSION 1115-1
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Table 2. SOVIET MRBM AND IRBM DEPLOYMENT

GEOGRAPHIC AREA	SOFT MRBM LAUNCH SITES	SOFT IRBM LAUNCH SITES	HARD MRBM LAUNCH SITES	HARD IRBM LAUNCH SITES	TOTAL LAUNCH SITES	TOTAL LAUNCH POSITIONS
WESTERN	100	10*	18	10	138	542**
CAUCASUS	3		2	3	8	29
CENTRAL ASIA	2	1	1	3	7	25
FAR EASTERN						
TOTALS	105	11	21	16	153	596**

Totals do not include 92 fixed field-type sites with total of 341 launch positions

*One has only 2 pads

**Totals do not include the 117 inactive launch positions at Anastasyevka, Gvardeysk, Simferopol, Barano-Orenburgskoye, Balta, Uman (2 sites), Paplaka, Mukachevo, Derazhnya (2 sites), Suchan, Kremovo, Kivertsy (1 site), Novosysoyevka, Ugolnyy, Zhitomir (1 site) and Kamenets Podolskiy Complexes

Table 3. TYPE IIID LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES*	LAUNCH GROUPS		LAUNCHERS	
		IDENTIFIED	COMPLETE	NEW THIS MISSION	DROPPED THIS MISSION
				INCLUDED IN TOTAL	
DERAZHNYA	60	6	6		
PERVOMAYSK	60	6	6		
Totals*	120	12	12		

*Totals do not include training sites

*Complexes at least partially covered on this mission

Table 4. TYPE IIIG LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES	LAUNCH GROUPS		LAUNCHERS	
		IDENTIFIED	COMPLETE	NEW THIS MISSION	DROPPED THIS MISSION
				INCLUDED IN TOTAL	
DERAZHNYA	33	3			
PERVOMAYSK	33	3			
Totals	66	6			

*Complexes at least partially covered on this mission

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[REDACTED]

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25X1C TOP SECRET

[REDACTED]