



PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION IIIO IPIR NUMBER 23

OAK SUPPLEMENT PART XIX

21 MAY - 8 JUNE 1970

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WARNING

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TARGET CATEGORIES AND ASSOCIATED NTP FUNCTIONAL AREAS (CODES)

1. STRATEGIC SSM

Deployed Strategic SSM Facilities (A)

2. MISSILE RANGES

Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)

Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T)

3. AIR DEFENSE MISSILES

Deployed AMM Facilities (B)
Deployed SAM Facilities (D)

4. ELECTRONICS/COMMUNICATIONS

Deployed Communication/Electronic/Radar Facilities (C)

5. AIR

Air Base Facilities (E)

6. NAVAL

Naval Base Facilities (F)

7. GROUND

Ground Force Facilities (G)

8. TACTICAL SSM

Deployed Tactical SSM Facilities (H)

9. LOGISTICS

Military Logistics Facilities (K)

10. NUCLEAR ENERGY

Atomic Energy Facilities (0)

11. CBR

CBR Facilities (V)

12. INDUSTRY

Strategic Weapons Industrial Facilities (J)

General Purpose Weapons Industrial Facilities (L)

Non -Military Industrial Facilities (N)

Communication/Electronic/Radar R&D Facilities (U)

13. MISCELLANEOUS

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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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 PREFACE

PREFACE

THIS IS THE NINETEENTH OAK SUPPLEMENT REPORT ON MISSION 1110. FOR COMPLETE PREFACE SEE FIRST OAK SUPPLEMENT REPORT.

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 UNITED ARAB REPUBLIC AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

AL GHURDAQAH SAM SITE A29-2
25X1D
25X1A

STATUS: UNKNOWN

REMARKS:

THE ONCE PROMINENT REVETTED LAUNCH POSITIONS ARE NOT DISCERNIBLE. UNIDENTIFIED OBJECTS ARE OBSERVED IN THE GUIDANCE AREA.

25X1D

25X1D

AL ISKANDARIYAH PROB SAM SITE A24-3
25X1D

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

THE T-SHAPED STRUCTURE NOW APPEARS TO BE A PROBABLE SA-3 SITE UNDER CONSTRUCTION. THE SITE CONSISTS OF FOUR PROBABLE LAUNCH POSITIONS, A PROBABLE ACQUISITION RADAR POSITION, AND A MOUNDED CENTRAL GUIDANCE AREA.

25X1D

25X1D

25X1D AL ISMAILIYAH SAM SITE A28-2

STATUS: OCCUPIED

25X1A

25X1D

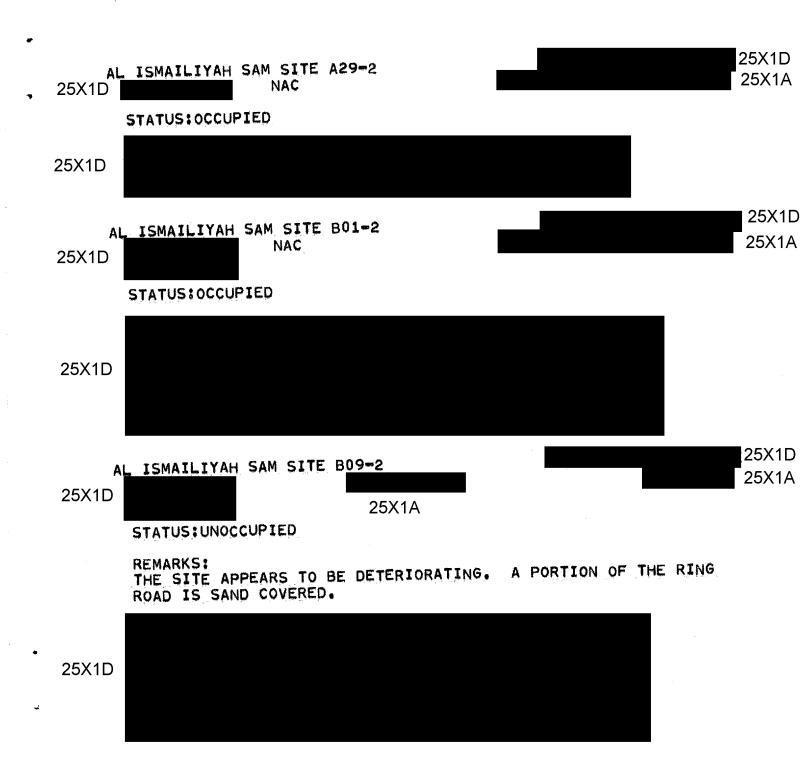
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UNITED ARAB REPUBLIC AIR DEFENSE MISSILES



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Pales For Release 2000/04/17: CIA-RDP78T04562A000900010011-7 UNITED ARAB REPUBLIC TCS-20318/70 - IPIR 23 AIR DEFENSE MISSILES KH-4 MISSION 1110 25X1D QAHIRAH SAM SITE B04-2 25X1D NAC 25X1A STATUS: OCCUPIED 25X1D 25X1D AL QAHIRAH SAM SITE B05-2 25X1D 25X1A STATUS: UNDER CONSTRUCTION PHYSICAL DESCRIPTION: 18 NM NE OF AL QAHIRAH (CAIRO).
THE SITE IS OF AN UNDETERMINED CONFIGURATION AND CONSISTS OF SIX LAUNCH POSITIONS AND A GUIDANCE AREA, ALL UNDER CONSTRUCTION. THE SITE WAS PREVIOUSLY IDENTIFIED AS AL QAHIRAH T-SHAPED STRUCTURE 10. 25X1D 25X1D AL QAHIRAH SAM SITE B09-2 NAC 25X1D 25X1A STATUS: OCCUPIED 25X1D 25X1D AL QAHIRAH SAM SITE B10-2 25X1D 25X1A STATUS: OCCUPIED

SEVERAL NEW MISSILE-HOLD POSITIONS WERE UNDER CONSTRUCTION

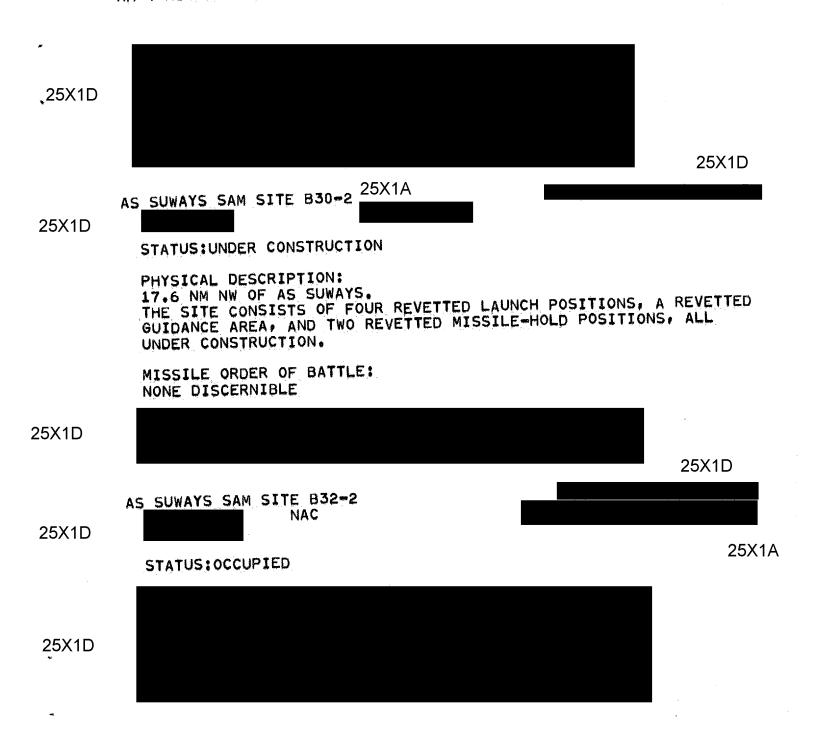
REMARKS:

IMMEDIATELY EAST OF THE SITE.

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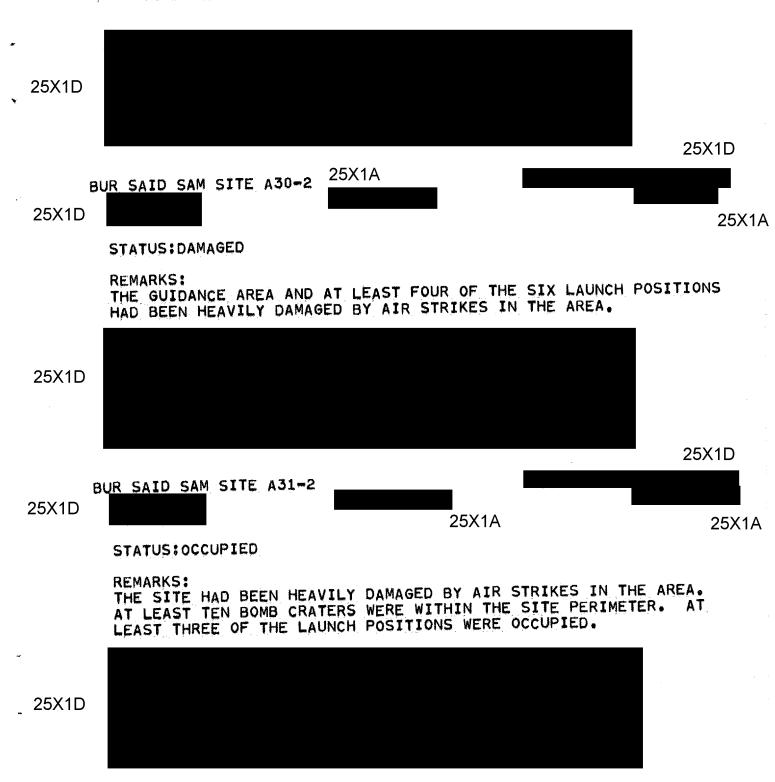
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UNITED ARAB REPUBLIC AIR DEFENSE MISSILES



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TOP SEC UNITED ARAB REPUBLIC TCS-20318/70 - IPIR 23 AIR DEFENSE MISSILES KH-4 MISSION 1110 25X1D 25X1D SUEZ CANAL T-SHAPED STRUCTURE 01 25X1D 25X1A 25X1A STATUS: UNDER CONSTRUCTION REMARKS: THE TARGET NOW CONSISTS OF TWO LINEAR-SHAPED EXCAVATIONS. CONSTRUCTION CONTINUES. 25X1D 25X1D 25X1D TANTA SAM SITE C05-2 NAC 25X1D 25X1A STATUS: OCCUPIED 25X1D 25X1D 25X1D TANTA SAM SITE C09-2 NAC 25X1D 25X1A STATUS: OCCUPIED 25X1D 25X1D 25X1D TANTA SAM SITE C10-2 NAC 25X1D STATUS: OCCUPIED 25X1A 25X1D

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SYRIA AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

HIMS SAM SITE B36-2

25X1A

25X1D

STATUS: OCCUPIED

PHYSICAL DESCRIPTION: 15.0 NM NORTH OF HIMS. THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, AT LEAST TWO REVETTED MISSILE-HOLD POSITIONS, A REVETTED GUIDANCE POSITION, AND A PROBABLE ACQUISITION RADAR MOUND.

MISSILE ORDER OF BATTLE: 6 PROB MISSILES ON LAUNCHERS 1 PROB FAN SONG RADAR

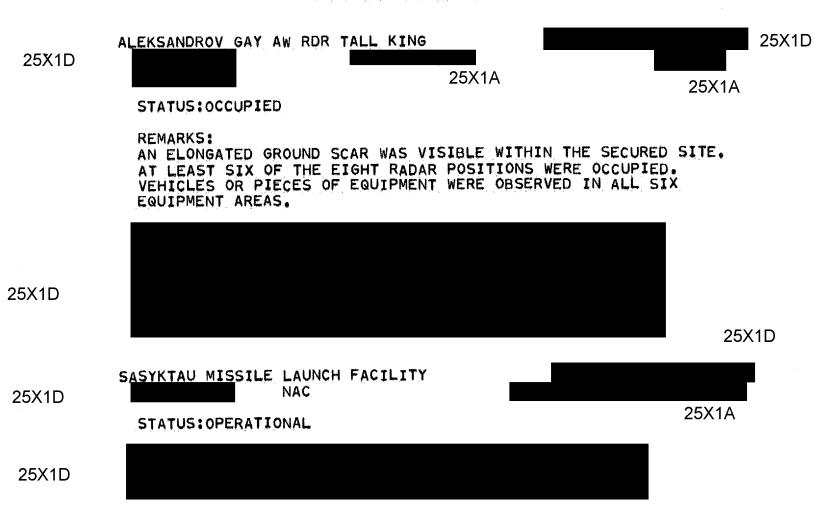
4 CANVAS-COVERED TRANSPORTERS

25X1D

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SIGNIFICANT RESULTS



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SOVIET UNION AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D ALMA-ATA SAM SITE A03A-2 25X1A 25X1D STATUS: UNDER CONSTRUCTION PHYSICAL DESCRIPTION: 9.5 NM NNE OF ALMA-ATA. THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND TWO REVETTED MISSILE-HOLD POSITIONS. UNIDENTIFIED GROUND SCARRING WAS OBSERVED IMMEDIATELY SE OF THE SITE. ALMA-ATA SAM SITE A03-2 25X1A IS APPROXIMATELY 365 METERS (1,200 FEET) TO THE NW. 25X1D 25X1D ALMA-ATA SAM SITE A03-2 25X1D 25X1A STATUS: OCCUPIED 25X1D 25X1D ALMA-ATA SAM SITE A36-2 25X1D NAC 25X1A STATUS: OCCUPIED 25X1D 25X1D ALMA-ATA SAM SITE B31A-2 25X1A 25X1D STATUS: UNDER CONSTRUCTION

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SOVIET UNION AIR DEFENSE MISSILES

25X1A

PHYSICAL DESCRIPTION: 16.3 NM NW OF ALMA-ATA.

THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH

POSITIONS, AN UNREVETTED GUIDANCE AREA, AND FOUR REVETTED

MISSILE-HOLD POSITIONS. ALMA-ATA SAM SITE B31A-2 IS APPROXIMATELY 1,020 METERS (3,400 FEET) TO THE

SE.

25X1D

25X1D

25X1A

ALMA-ATA SAM SITE B31-2

25X1D

25X1A

25X1A

STATUS: OCCUPIED

REMARKS:

AN ALTERNATE SA-2 SITE OF FAN CONFIGURATION IS APPROXIMATELY 0.5 NM NW OF THE PRIMARY SITE. THE ALTERNATE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A PROBABLE REVETTED GUIDANCE AREA, AND THREE REVETTED MISSILE-HOLD POSITIONS. THE SITE WAS UNOCCUPIED.

25X1D

ALMA-ATA SAM SITE CO3A-2

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

26.9 NM NNE OF ALMA-ATA.

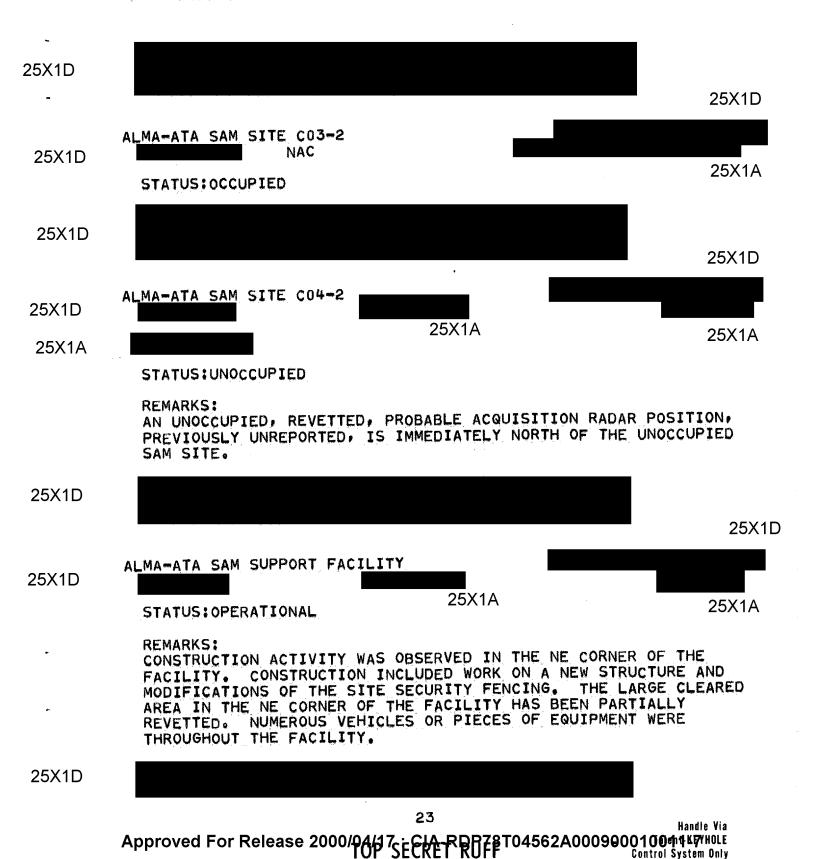
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, AN UNREVETTED GUIDANCE AREA, AND THREE REVETTED MISSILE-HOLD POSITIONS. THE OVERALL DIAMETER OF THIS SITE APPEARED TO BE SMALLER THAN NORMAL. ALMA-ATA SAM SITE CO3-2 IS APPROXIMATELY 336 METERS (1,200 FEET) TO THE

25X1A NE.

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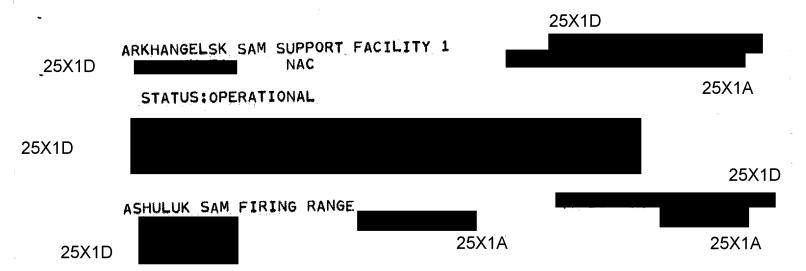
Handle Via Control System Only SOVIET UNION TCS-20318/70 - IPIR 23 AIR DEFENSE MISSILES KH-4 MISSION 1110 _25X1D 25X1D ARKHANGELSK SAM SITE A07-2 NAC 25X1A 25X1D STATUS: OCCUPIED 25X1D 25X1D ARKHANGELSK SAM SITE B13-2 25X1A NAC 25X1D STATUS: OCCUPIED 25X1D 25X1D ARKHANGELSK SAM SITE B22-2 NAC 25X1A 25X1D STATUS: OCCUPIED REMARKS: THE ALTERNATE SITE WAS OCCUPIED, AND THE PRIMARY SITE WAS PROBABLY UNOCCUPIED. 25X1D 25X1D ARKHANGELSK SAM SITE B36-2 25X1A 25X1D NAC STATUS: OCCUPIED R 25X1D

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STATUS: OPERATIONAL

REMARKS:

ALL 21 OF THE LAUNCH SITES ON THE FIRING LINE AND ALL OF THE MAJOR SUPPORT FACILITIES WERE COVERED ON PHOTOGRAPHY OF FAIR INTERPRETABILITY. NO SPECIFIC EQUIPMENT WAS IDENTIFIED BECAUSE OF THE SMALL SCALE OF THE PHOTOGRAPHY. ACTIVITY APPEARED TO BE HIGH AT THE LAUNCH SITES. NUMEROUS UNIDENTIFIED PIECES OF EQUIPMENT WERE SCATTERED THROUGHOUT THE ENTIRE AREA. OCCUPANCY OF THE LAUNCH SITES WAS AS FOLLOWS (SITE DESIGNATORS

ARE IN PARENTHESIS) --SITE 1A (COB L-2) - OCCUPIED SITE 1B (CO8 K-2) - OCCUPIED SITE 1 (CO8 J-2) - OCCUPIED SITE 2 (CO8 I-2) - OCCUPIED SITE 3 (COS H-2) - OCCUPIED SITE 4 (COS G-2) - OCCUPIED SITE 5 (CO8 F-2) - OCCUPIED SITE 6 (CO8 E-2) - OCCUPIED SITE 7 (COS D-2) - OCCUPIED SITE 8 (CO8 C-2) - OCCUPIED SITE 9 (CO8 B-2) - OCCUPIED SITE 9A (COS A-3) - OCCUPIED SITE 10 (CO8-3) - OCCUPIED SITE 10A (COS A-2) - OCCUPIED SITE 10B (NO DESIGNATOR) - UNDETERMINED SITE 11 (CO8-2) - OCCUPIED SITE 11A (CO7 D-2) - OCCUPIED SITE 11B (CO7 C-2) - UNOCCUPIED SITE 11C (CO7 B-2) - OCCUPIED SITE 12 (CO7 A-2) - UNOCCUPIED

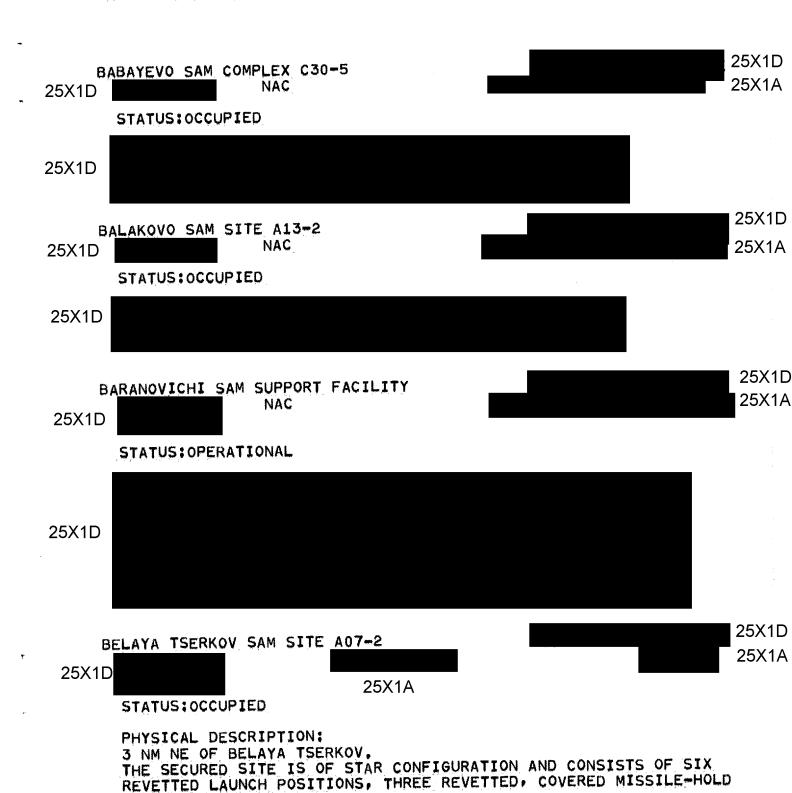
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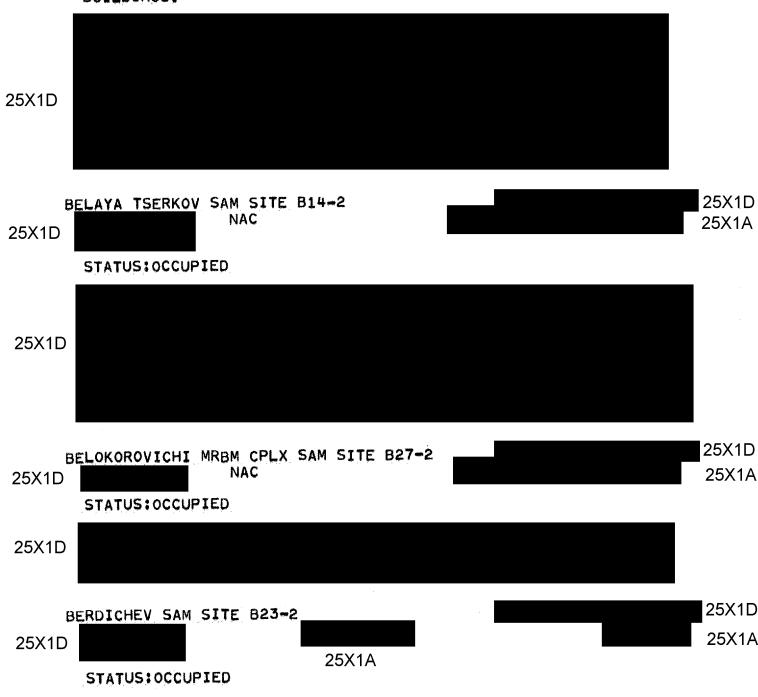
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SOVIET UNION AIR DEFENSE MISSILES

POSITIONS, AND A REVETTED GUIDANCE AREA. THE ONSITE SUPPORT FACILITY CONSISTS OF ONE LARGE AND AT LEAST FIVE SMALLER BUILDINGS.



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PHYSICAL DESCRIPTION:

11.5 NM SSW OF BERDICHEV.
THE SITE IS OF STAR CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, FIVE DRIVE-THROUGH MISSILE-HOLD POSITIONS, A GUIDANCE AREA CONTAINING AN EARTH-COVERED STRUCTURE, AND A LARGE SQUARE EQUIPMENT REVETMENT. A LARGE REVETTED BUILDING IN THE NW CORNER OF THE SECURED AREA IS ROAD CONNECTED TO TWO OF THE DRIVE-THROUGH MISSILE-HOLD POSITIONS. THE ONSITE SUPPORT FACILITY CONTAINS ONE LARGE AND AT LEAST SIX SMALLER BUILDINGS.

25X1D

TE 007...0

BERDICHEV SAM SITE C27-2

25X1D

25X1D

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:
24.3 NM WEST OF BERDICHEV.
THE SITE IS OF STAR CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A GUIDANCE AREA CONTAINING AN EARTH-COVERED STRUCTURE, THREE DRIVE-THROUGH MISSILE-HOLD POSITIONS, TWO OTHER DRIVE-IN PROBABLE REVETMENTS, A PROBABLE ACQUISITION RADAR POSITION, AND TWO BEAM REVETMENTS. A LARGE REVETTED BUILDING IS IN THE SW CORNER OF THE SECURED SITE AREA. A PROBABLE SMALL-ARMS FIRING RANGE IS IMMEDIATELY NW OF THE RING ROAD AND WITHIN THE SITE SECURITY FENCE.

25X1D

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25X1D

BERDICHEV SAM SUPPORT FACILITY

NAC

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:
8.8 NM SW OF BERDICHEV.
THE FACILITY IS A COMPLETED TYPE II SUPPORT FACILITY AND
CONSISTS OF ONE LARGE AND TWO SMALLER DRIVE-THROUGH BUILDINGS,
ONE REVETTED PROBABLE BOOSTER STORAGE BUILDING, ONE REVETTED
PROBABLE WARHEAD STORAGE BUILDING, AND ONE REVETTED PROBABLE
FUSE STORAGE BUILDING. A SEPARATELY SECURED AREA WHICH IS ROAD
CONNECTED TO THE SUPPORT FACILITY ADJOINS THE NE SIDE OF THE
SUPPORT FACILITY.

25X1D

25X1D

BIROBIDZHAN SAM SITE C31-2

25X1A

25X1D

STATUS: UNOCCUPIED

REMARKS: ONE OF THE LAUNCH POSITION REVETMENT WALLS HAS BEEN PARTIALLY REMOVED.

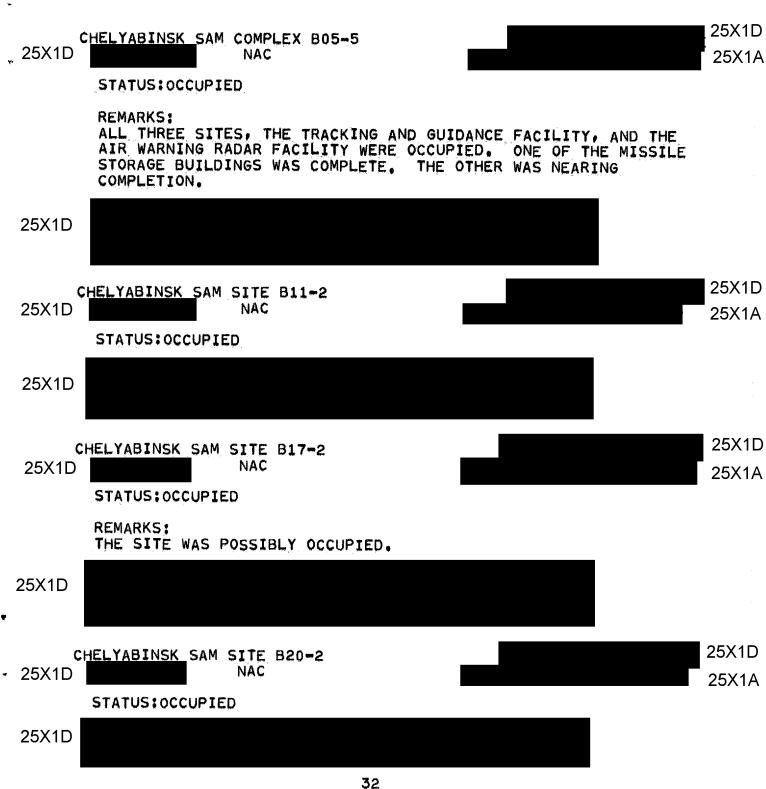
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SOVIET UNION AIR DEFENSE MISSILES



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25X1D 25X1D CHERNYAKHOVSK SAM SITE B16-2 25X1D 25X1A STATUS: OCCUPIED PHYSICAL DESCRIPTION: 15 NM SE OF CHERNYAKHOVSK. THE SECURED SITE IS OF STAR CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND THREE REVETTED MISSILE-HOLD POSITIONS. TWO HOLD POSITIONS HAVE COVERINGS. A LOOP ROAD WITH TWO DRIVE-BY FUELING POINTS IS ADJACENT TO THE RING ROAD ON THE EAST SIDE OF THE SITE. ONSITE SUPPORT FACILITY CONSISTS OF APPROXIMATELY TEN BUILDINGS. 25X1D 25X1D CHERNYSHEVKA SAM SITE A26-2 NAC 25X1D 25X1A STATUS: OCCUPIED 25X1D 25X1D CHERNYSHEVKA SAM SUPPORT FACILITY NAC 25X1D 25X1A STATUS: OPERATIONAL

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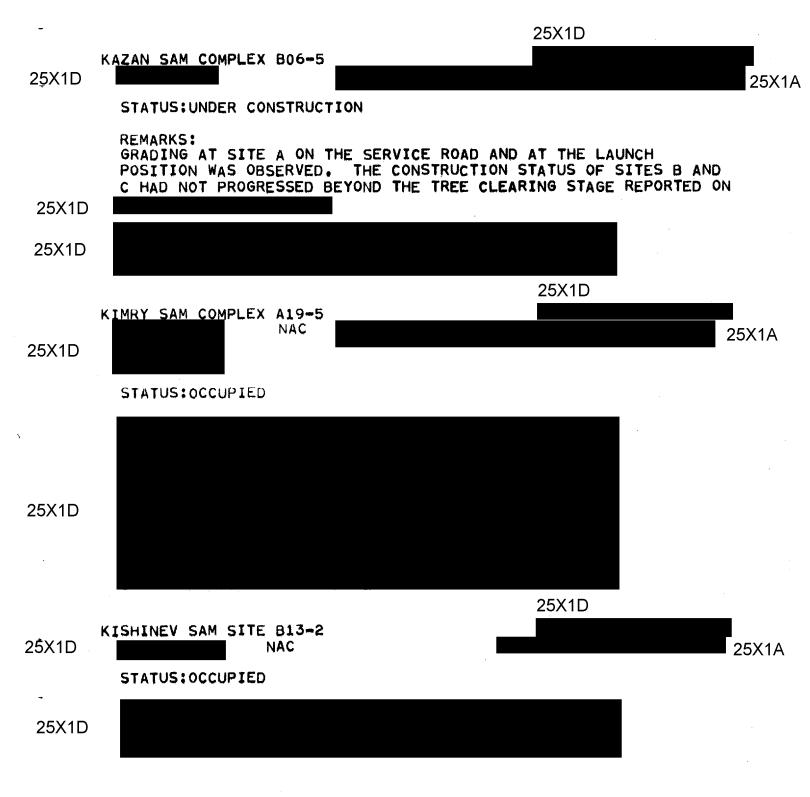
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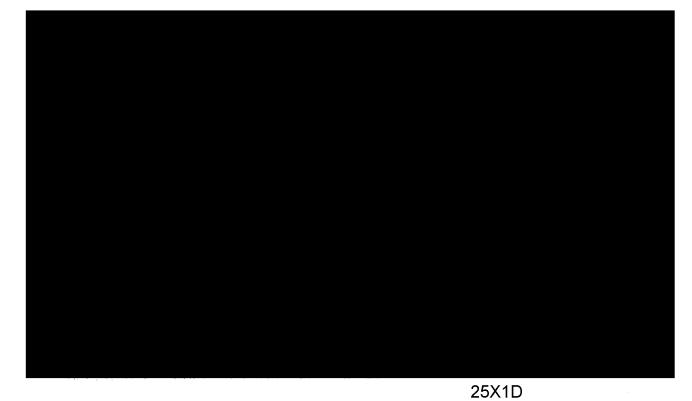
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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES



KLAIPEDA SAM COMPLEX C15-5

25X1D

25X1D

STATUS: OCCUPIED

25X1A

REMARKS: ALL 18 LAUNCH POSITIONS WERE OCCUPIED. DOLLY SHELTERS ARE AT LAUNCH POSITIONS A2, A4, C4, AND C5. TWO PROBABLE DOLLIES WERE OBSERVED AT A5, C1, C2, C3, AND C6. THREE NEW BUILDINGS HAD BEEN CONSTRUCTED IN THE MISSILE HANDLING FACILITY. THE THREE RADAR MOUNDS IN THE GUIDANCE AREA AND THE FOUR RADAR MOUNDS IN THE AIR WARNING FACILITY WERE OCCUPIED.

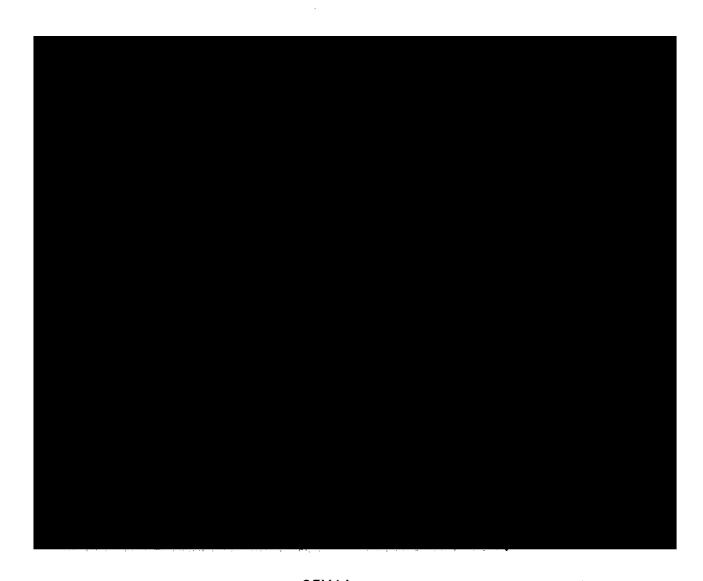
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SOVIET UNION AIR DEFENSE MISSILES



25X1D

KLAIPEDA SAM SITE D20-3

25X1A

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION: 30 NM SSW OF KLAIPEDA. THE NEWLY IDENTIFIED SA-3 SITE IS IN THE EARLY-TO-MIDSTAGE OF CONSTRUCTION AND CONSISTS OF THREE PARTIALLY REVETTED LAUNCH POSITIONS, ONE LAUNCH POSITION IN A VERY EARLY STAGE OF CONSTRUCTION, AND A PARTIALLY REVETTED GUIDANCE AREA.

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25X1D

MALOYAROSLAVETS SAM COMPLEX A19-5

STATUS: OCCUPIED

25X1A

25X1A

REMARKS: THE COMPLEX IS IN A LATE STAGE OF CONSTRUCTION AND STILL CONTAINS TWO LAUNCH SITES WITH NO EVIDENCE OF A THIRD. LAUNCH

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TOP SECRET RUFF

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TCS=20318/70 = IPIR 23 KH=4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

POSITIONS AT THE TWO SITES ARE COMPLETE EXCEPT FOR POSITIONS A4, A5, AND A6. LAUNCHERS AND DOLLIES WERE OBSERVED AT LAUNCH POSITIONS B1-B6. RADAR MOUND B IN THE TRACKING AND GUIDANCE FACILITY WAS OCCUPIED. THE STATUS OF CONSTRUCTION ON MOUND A IS UNDETERMINED. UNIDENTIFIED BUILDING CONSTRUCTION AND GROUND SCARRING WERE OBSERVED IN THE MISSILE HANDLING AND SUPPORT FACILITIES. AT LEAST ONE OF THE FOUR MOUNDS OF THE AIR WARNING FACILITY WAS OCCUPIED.

25X1D

MOSKVA SAM SITE B06-2

25X1D

STATUS:UNOCCUPIED

REMARKS:
ALL THREE MISSILE-HOLD POSITIONS HAVE BEEN COVERED.

25X1D

MOSKVA SAM SITE B26A-2

25X1D

STATUS: OCCUPIED

REMARKS: PROBABLE NETTING COVERED ALL SIX LAUNCH POSITIONS.

25X1D

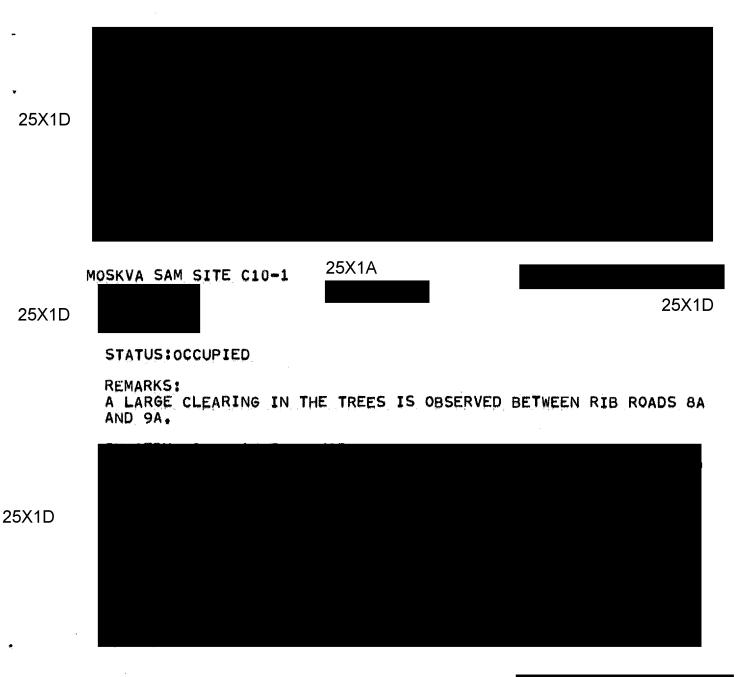
25X1A

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES



NAC 25X1D

25X1D 25X1A

STATUS: OCCUPIED

MOSKVA SAM SITE C12-1

Approved For Release 2000/04/17 : CIA-RDP78T04562A000900010011-7 25X1D

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SOVIET UNION TCS-20318/70 - IPIR 23 AIR DEFENSE MISSILES KH-4 MISSION 1110 25X1D 25X1A MOSKVA SAM SITE C27-1 25X1D STATUS: OCCUPIED REMARKS: A BUILDING IS BETWEEN RIB ROADS 5B AND 6B, WITH A CONNECTING ROAD TO THE CENTERLINE ROAD. 25X1D 25X1D 25X1A MOSKVA SAM SITE E01-1 25X1D STATUS: OCCUPIED **REMARKS:** THE FOUNDATION FOR A LARGE BUILDING IS OBSERVED ADJACENT TO THE CENTERLINE ROAD NORTH OF RIB ROAD 1A. 25X1D 25X1D MOSKVA SAM SITE E08-1 NAC 25X1D 25X1A STATUS: OCCUPIED 25X1D

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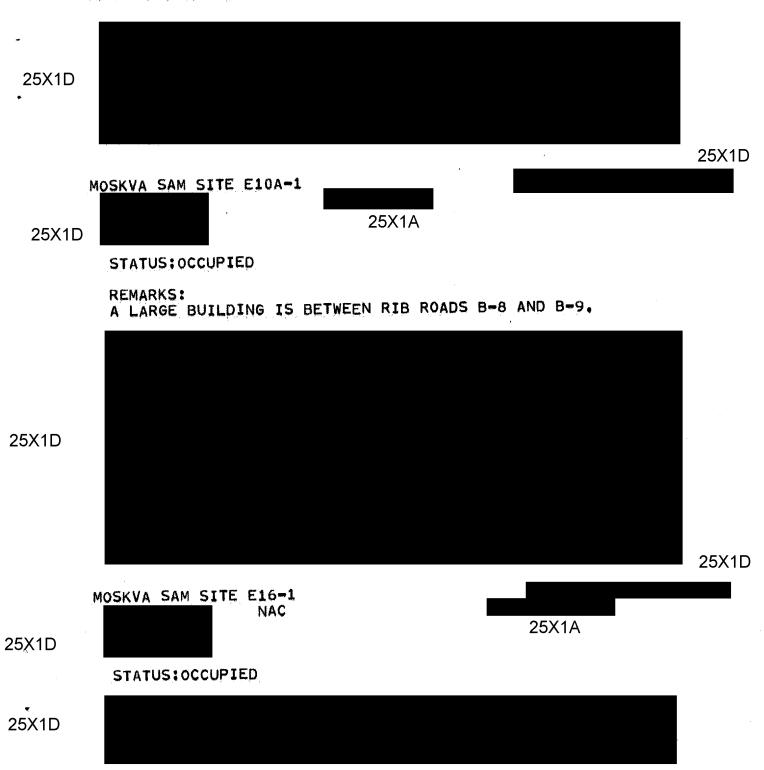
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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES



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TARDYFOVED For Release 2000/04/17 : CIA-RDP78T04562A000900010011-7 SOVIET UNION TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 AIR DEFENSE MISSILES 25X1D 25X1A MOSKVA SAM SITE E22-1 25X1D STATUS: OCCUPIED REMARKS: BUILDING IS INSIDE THE HORSESHOE-SHAPED REVETMENT REPORTED ON 25X1D 25X1D 25X1D MOSKVA SAM SITE E22-3 NAC 25X1D STATUS: OCCUPIED 25X1A **REMARKS:** TWO OF THE FOUR LAUNCH POSITIONS WERE OCCUPIED. 25X1D 25X1D 25X1A MOSKVA SAM SITE E23-1 25X1D STATUS: OCCUPIED **REMARKS:** A LARGE BUILDING IS ADJACENT TO THE CENTERLINE ROAD BETWEEN RIB ROADS 3B AND 4B. 25X1D

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

25X1D

Handle Via

25X1D

MOSKVA SAM SITE E35-1

25X1A

25X1D

STATUS: OCCUPIED

REMARKS: A SQUARE REVETTED PARKING AREA IS ADJACENT TO THE CENTERLINE ROAD BETWEEN RIB ROADS 5A AND 6A.

25X1D

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TCS-20318/70 - IPIR 23

SOVIET UNION AIR DEFENSE MISSILES

25X1D

KH-4 MISSION 1110

MOSKVA SAM SITE E36-1

25X1A

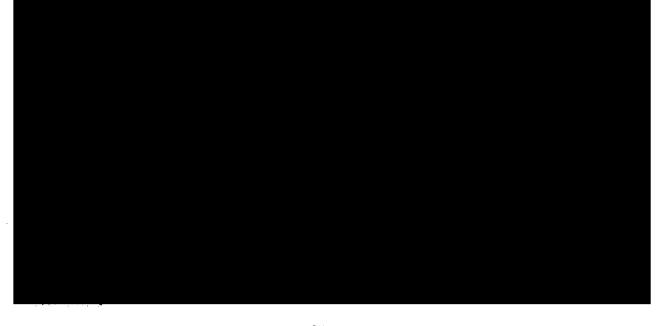
25X1D

STATUS: OCCUPIED

REMARKS: A LARGE BUILDING IS ADJACENT TO THE CENTERLINE ROAD BETWEEN RIB ROADS 4A AND 5A.

25X1D

25X1D



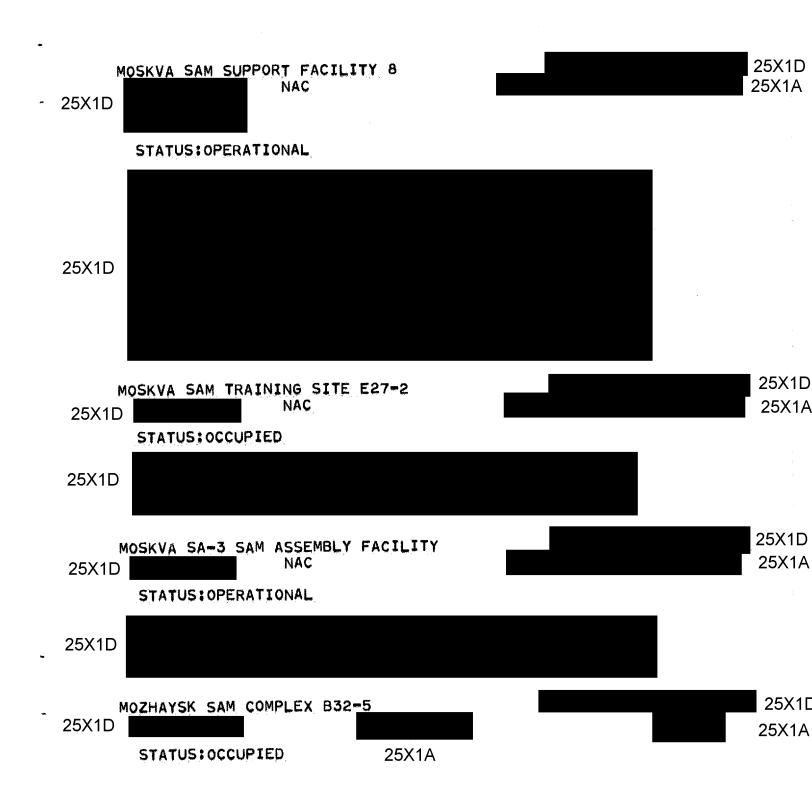
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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

REMARKS:

THE MISSILE-HANDLING FACILITY CONSISTS OF TWO MISSILE STORAGE BUILDINGS, TWO DRIVE-THROUGH MISSILE ASSEMBLY/CHECKOUT BUILDINGS, TWO REVETTED PROPELLANT STORAGE PADS, AND AT LEAST TWO OTHER SMALLER STRUCTURES. A GRADED AREA BETWEEN SITE B AND SITE C CONTAINS TWO LINEAR BUILDINGS AND APPROXIMATELY 20 VEHICLES. THE FOUR MOUNDS OF THE AIR WARNING FACILITY WERE OCCUPIED.

25X1D

25X1D

NAKHODKA SAM COMPLEX B30-5

25X1D

25X1A

STATUS: OCCUPIED

REMARKS:

THE 12 LAUNCH POSITIONS OF SITES B AND C WERE OCCUPIED BY LAUNCHERS. SITE A (PREVIOUSLY DESIGNATED SITE C) WAS IN AN EARLY STAGE OF CONSTRUCTION. THREE RADAR POSITIONS AT THE TRACKING AND GUIDANCE FACILITY WERE OCCUPIED. THIS WAS THE FIRST TIME A THIRD SQUARE PAIR RADAR WAS OBSERVED. THE FOUR RADAR POSITIONS AT THE AIR WARNING RADAR FACILITY WERE OCCUPIED.

25X1D

MISSILE ORDER OF BATTLE:

10 LAUNCHERS

20 MISSILE DOLLIES

25X1D

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TCS=20318/70 = IPIR 23KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES

25X1D

NAKHODKA SAM SITE A15-2

25X1D

25X1A

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

10 NM SE OF NAKHODKA. THIS SA-2 SITE IS OF FAN CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND TWO REVETTED MISSILE-HOLD POSITIONS. AN ONSITE SUPPORT FACILITY APPROXIMATELY 400 METERS (152 FEET) SW OF THE LAUNCH AREA CONTAINS ONE LARGE DRIVE-THROUGH BUILDING AND THREE SUPPORT BUILDINGS. AN ALTERNATE SITE IS APPROXIMATELY 800 METERS (2,624 FEET) NW OF THE LAUNCH AREA AND CONTAINS SIX REVETTED LAUNCH POSITIONS AND AN UNREVETTED GUIDANCE AREA, ALL OF WHICH HAVE BEEN PARTIALLY OVERGROWN.

25X1D

25X1D

25X1D

NAKHODKA SAM SITE A28-2

25X1A

25X1A

STATUS: OCCUPIED

REMARKS:

THE SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED AND MOUNDED GUIDANCE AREA, AND TWO MISSILE-HOLD POSITIONS. A CLEARED AREA AND A PROBABLE STRUCTURE ARE OBSERVED ALONG THE RING ROAD ADJACENT TO ONE OF THE LAUNCH POSITIONS. AN L-SHAPED REVETTED BUILDING AND A LOOP ROAD MISSILE SERVICING AREA ARE IMMEDIATELY SE OF THE SITE.

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TCS=20318/70 = IPIR 23 KH=4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

ONSITE SUPPORT CONSISTS OF APPROXIMATELY SIX BUILDINGS LOCATED IMMEDIATELY SE OF THE LAUNCH AREA.



•25X1D

25X1D

NAKHODKA SAM SITE B29-2 NAC

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

17.7 NM NW OF NAKHODKA.

THE SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A GUIDANCE AREA CONTAINING A STRUCTURE, ONE MISSILE-HOLD POSITION CONTAINING A STRUCTURE, TWO PROBABLE

67

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

MISSILE-HOLD POSITIONS. AND A VEHICLE STORAGE SHED.



NAKHODKA SAM SUPPORT FACILITY
NAC
25X1D

25X1A

STATUS: OPERATIONAL

25X1D

REMARKS:
THIS TYPE II SUPPORT FACILITY CONSISTS OF A LARGE DRIVE-THROUGH
BUILDING, A SMALL DRIVE-THROUGH BUILDING, ONE REVETTED
BUILDING, AND AT LEAST TWO OTHER BUILDINGS. SEVERAL BUILDINGS
AND A VEHICLE PARKING AREA ARE IMMEDIATELY NORTH OF THE SECURED
FACILITY.



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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

PHYSICAL DESCRIPTION:

2 NM SE OF SEREBRYANKA.

THE SECURED SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX
REVETTED LAUNCH POSITIONS, AN EARTH-MOUNDED GUIDANCE AREA,
THREE PROBABLE MISSILE-HOLD POSITIONS, AND A SMALL STRUCTURE
NEAR THE ENTRANCE TO THE SITE RING ROAD. IMMEDIATELY SE OF THE
SITE IS AN ONSITE SUPPORT AREA CONTAINING AT LEAST SIX
BUILDINGS. THE GUIDANCE AREA WAS OCCUPIED BY AN UNIDENTIFIED
OBJECT. OCCUPANCY OF THE LAUNCH POSITIONS WAS UNDETERMINED.

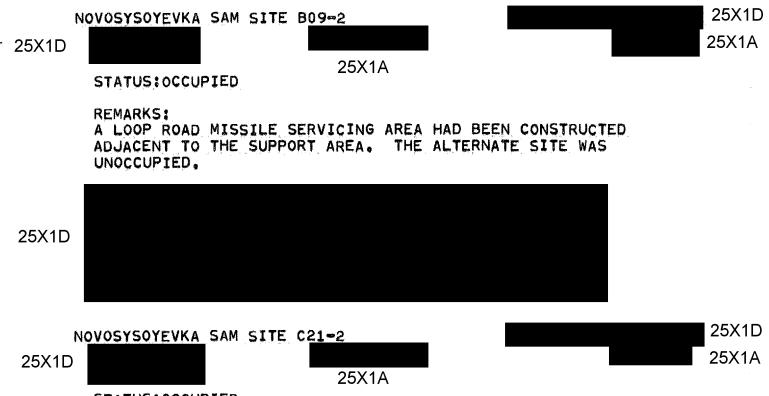
25X1D 25X1D NIZHNYAYA TURA SAM SITE BO8-2 NAC 25X1D STATUS: OCCUPIED 25X1A 25X1D 25X1D NOVOSYSOYEVKA SAM SITE B01-2 NAC 25X1D 25X1A STATUS: OCCUPIED REMARKS: THE ALTERNATE SITE WAS UNOCCUPIED. 25X1D

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

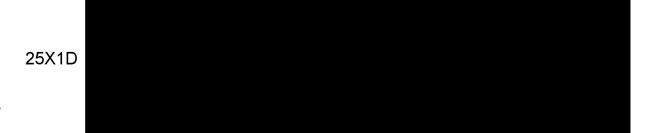
SOVIET UNION AIR DEFENSE MISSILES



STATUS: OCCUPIED

REMARKS:

THE SITE IS OF UNDETERMINED CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A MOUNDED GUIDANCE AREA, AND AN UNREVETTED PROBABLE ACQUISITION RADAR POSITION. ONSITE SUPPORT CONSISTS OF A PARTIALLY REVETTED BUILDING AND AT LEAST FOUR OTHER BUILDINGS. THE LAUNCH POSITIONS, GUIDANCE AREA, AND PROBABLE ACQUISITION RADAR POSITION WERE OCCUPIED.



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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES

25X1D

25X1D

25X1D

25X1D PERESLAVL-ZALESSKIY SAM COMPLEX A29-5 NAC 25X1A

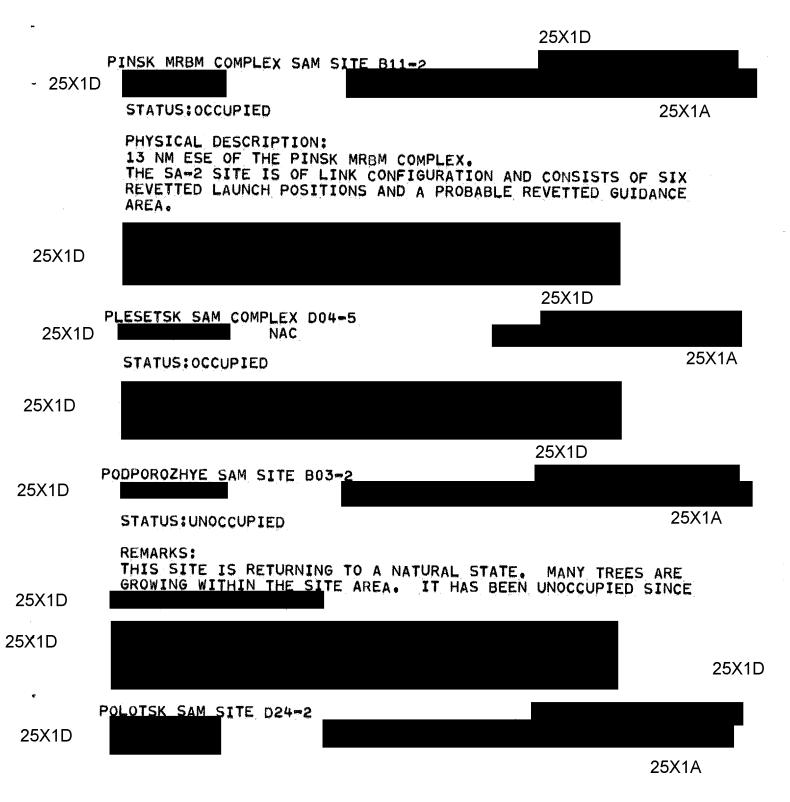
STATUS: OCCUPIED

REMARKS: NEW UNIDENTIFIED GROUND SCARRING WAS OBSERVED BETWEEN LAUNCH SITES A AND B.

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES



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TCS=20318/70 = IPIR 23 KH=4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES

STATUS: OCCUPIED

PHYSICAL DESCRIPTION: 32.5 NM SW OF POLOTSK.

THE SECURED LINK-CONFIGURED SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, THREE REVETTED MISSILE-HOLD POSITIONS, A BEAM REVETMENT, A MOUNDED CENTRAL GUIDANCE AREA, AND AT LEAST TWO BUILDINGS. THE ONSITE SUPPORT FACILITY CONSISTS OF ONE LARGE BUILDING AND AT LEAST FIVE SMALLER BUILDINGS.

25X1D



25X1D

POSTAVY MRBM COMPLEX SAM SITE B10-2

25X1D

24W 211F R10=5

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

13 NM EAST OF POSTAVY MRBM COMPLEX.

THE SECURED LINK-CONFIGURED SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, THREE REVETTED MISSILE-HOLD POSITIONS, A MOUNDED CENTRAL GUIDANCE AREA, AND A POSSIBLE ACQUISITION RADAR POSITION. THE ONSITE SUPPORT FACILITY CONSISTS OF AT LEAST SIX BUILDINGS OF VARYING SIZES.

25X1D



25X1D

POSTAVY MRBM COMPLEX SAM SITE C22-2

25X1D

25X1A

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TCS-20318/70 - IPIR 23
KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES

STATUS: OCCUPIED

REMARKS:

THE SITE HAS TWO REVETTED MISSILE-HOLD POSITIONS.

25X1D

POSTAVY MRBM COMPLEX SAM SITE C27-2
25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:
26.7 NM WEST OF POSTAVY MRBM COMPLEX.
THE SECURED LINK-CONFIGURED SITE CONSISTS OF SIX REVETTED
LAUNCH POSITIONS, THREE REVETTED MISSILE-HOLD POSITIONS, A
MOUNDED CENTRAL GUIDANCE AREA, AND AN ACQUISITION RADAR
POSITION. THE ONSITE SUPPORT FACILITY CONSISTS OF ONE LARGE
BUILDING AND AT LEAST TWO SMALLER BUILDINGS.

25X1D

POSTAVY SAM SUPPORT FACILITY NAC

STATUS: OPERATIONAL

25X1A

25X1D

25X1D

25X1D

75

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79

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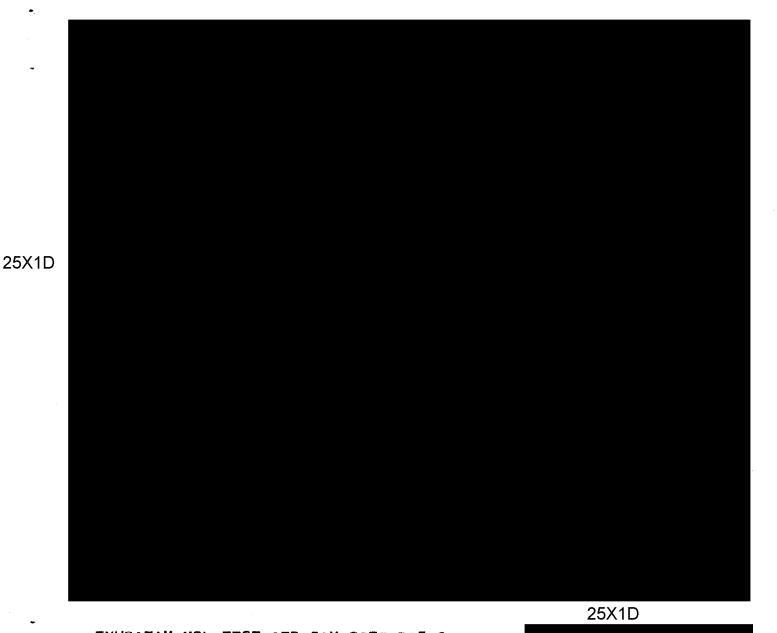
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25X1D 25X1D SVERDLOVSK SAM COMPLEX BO5-5 25X1D 25X1A STATUS: OCCUPIED **REMARKS:** THE TWO MISSILE ASSEMBLY AND CHECKOUT BUILDINGS ARE COMPLETE. THE TWO MISSILE STORAGE BUILDINGS WERE NEARING COMPLETION. EACH LAUNCH SITE AND EACH RADAR MOUND IN THE TRACKIXAND GUIDANCE FACILITY WAS OCCUPIED. STATUS OF THE AIR WARNING RADAR FACILITY WAS UNDETERMINED. 25X1D 25X1D SVERDLOVSK SAM SITE A01-2 25X1D NAC 25X1A STATUS: OCCUPIED 25X1D

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES



25X1D

TYURATAM MSL TEST CTR SAM SITE B13-2
NAC

STATUS: OCCUPIED

25X1A

REMARKS: AN UNIDENTIFIED PIECE OF EQUIPMENT WAS IN ONE OF THE LAUNCH POSITIONS.

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

STATUS: OPERATIONAL

SOVIET UNION AIR DEFENSE MISSILES

25X1D USSURIYSK SAM SITE A04-2 25X1D 25X1A STATUS: OCCUPIED PHYSICAL DESCRIPTION: 6.5 NM NE OF USSURIYSK.
THE SECURED SITE IS OF STAR CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A MOUNDED GUIDANCE AREA, THREE REVETTED AND COVERED MISSILE-HOLD POSITIONS, AND A REVETTED ACQUISITION RADAR POSITION. A LOOP ROAD MISSILE SERVICING AREA IS JOINED TO THE WESTERN PORTION OF THE SITE RING ROAD. ONSITE SUPPORT CONSISTS OF APPROXIMATELY NINE BUILDINGS. AT LEAST THREE OF THE LAUNCH POSITIONS AND THE GUIDANCE AREA ARE OCCUPIED. 25X1D 25X1D USSURIYSK SAM TRAINING AREA B19-2 NAC 25X1D 25X1A STATUS: OCCUPIED 25X1D 25X1D UST-KAMENOGORSK SAM SUPPORT FACILITY 25X1D 25X1A

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES

25X1D

25X1D

25X1D

VLADIVOSTOK SAM COMPLEX B34-5

25X1A

STATUS: OCCUPIED

REMARKS:

LAUNCHERS ARE PROBABLY PRESENT AT EACH LAUNCH POSITION. DOLLY TRACKS AND MISSILE DOLLIES ARE OBSERVED AT SEVERAL POSITIONS OF LAUNCH SITES B AND C. THEY ARE NOT OBSERVED AT LAUNCH SITE A. THE THREE MOUNDS IN THE TRACKING AND GUIDANCE FACILITY ARE OCCUPIED. NO SIGNIFICANT CHANGES ARE OBSERVED IN THE MISSILE-HANDLING FACILITY AND THE SUPPORT FACILITY. THE FOUR POSITIONS IN THE ASSOCIATED AIR WARNING RADAR FACILITY ARE OCCUPIED.

25X1D

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES

25X1D

25X1A

VLADIVOSTOK SAM SITE B26-3

NAC

25X1D

STATUS: OCCUPIED

25X1D

VLADIVOSTOK SAM SITE B27-2

25X1D

25X1D

STATUS: OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

15 NM WEST OF VLADIVOSTOK.

THE SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A MOUNDED GUIDANCE AREA, AND THREE REVETTED MISSILE-HOLD POSITIONS, AT LEAST ONE LAUNCH POSITION AND THE GUIDANCE AREA WERE POSSIBLY OCCUPIED. ONSITE SUPPORT CONSISTS OF AT LEAST SIX BUILDINGS IMMEDIATELY NE OF THE LAUNCH AREA. A LARGE REVETMENT IS BETWEEN THE LAUNCH AREA AND THE SUPPORT AREA.

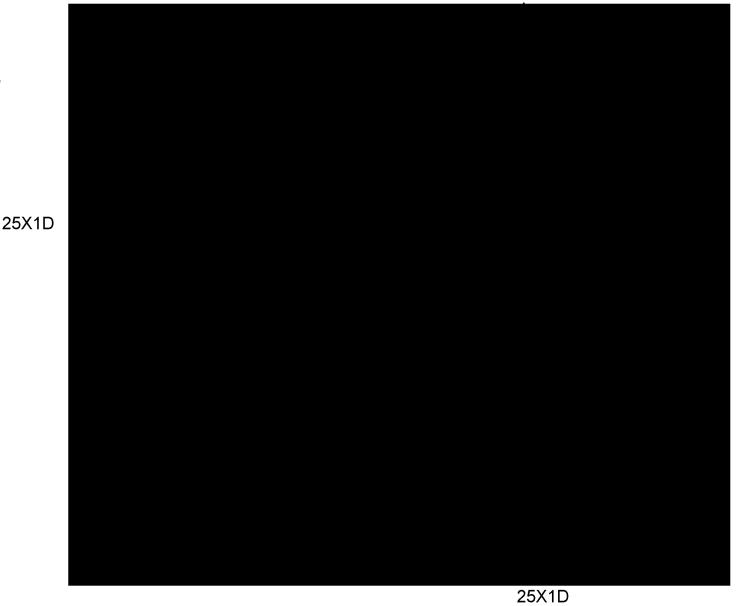
25X1D

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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES



VLADIVOSTOK SAM SUPPORT FACILITY 1

25X1D

25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:
6 NM SW OF VLADIVOSTOK.
THE TYPE I SUPPORT FACILITY CONSISTS OF A LARGE DRIVE-THROUGH.
BUILDING, TWO SMALL DRIVE-THROUGH BUILDINGS, TWO REVETTED

100

Handle Via

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TOP SECRET RUFF
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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110

SOVIET UNION AIR DEFENSE MISSILES



VLADIVOSTOK SAM SUPPORT FACILITY 4

25X1D

25X1D

25X1A

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:
17 NM WNW OF VLADIVOSTOK.
THE TYPE II SUPPORT FACILITY CONSISTS OF A LARGE DRIVE-THROUGH BUILDING, TWO REVETTED BUILDINGS, AND AT LEAST TWO OTHER BUILDINGS.

25X1D

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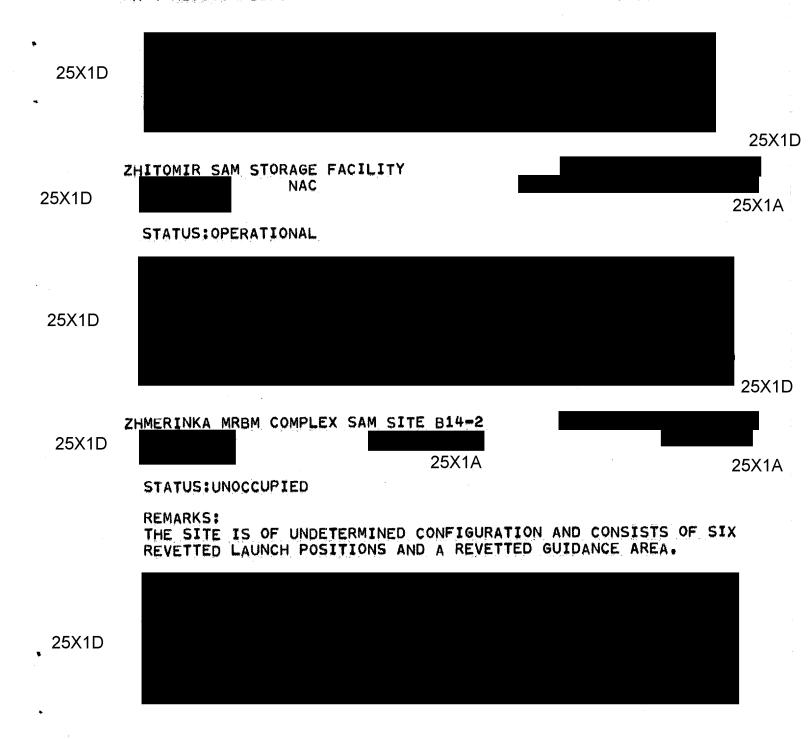
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Control System Only

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25X1D

ZHMERINKA MRBM COMPLEX SAM SITE B19-2

25X1D

25X1A

STATUS: UNOCCUPIED

REMARKS:

THE SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A GUIDANCE AREA, AND THREE REVETTED DRIVE-THROUGH MISSILE-HOLD POSITIONS. THE ONSITE SUPPORT FACILITY CONTAINS ONE LARGE AND AT LEAST FIVE SMALLER BUILDINGS.

25X1D 25X1D

ZHMERINKA MRBM COMPLEX SAM SITE B28-2

NAC

25X1D

STATUS: UNOCCUPIED

25X1A

REMARKS:
THE SITE IS OF LINK CONFIGURATION AND CONSISTS OF SIX REVETTED
LAUNCH POSITIONS, A GUIDANCE AREA, AND THREE DRIVE-THROUGH
MISSILE-HOLD POSITIONS. THE ONSITE SUPPORT FACILITY CONTAINS
AT LEAST SEVEN BUILDINGS.

25X1D

25X1D

ZLATOUST SAM SUPPORT FACILITY

STATUS: OPERATIONAL

25X1A

25X1D

-25X1D

104
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TOP SECRET RUFF
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TCS-20318/70 - IPIR 23 KH-4 MISSION 1110 SOVIET UNION AIR DEFENSE MISSILES



STATUS: UNKNOWN

PHYSICAL DESCRIPTION:

14 NM ENE OF LYUBOML AND 22 NM WNW OF KOVEL.

THE SECURED SA-2 SITE IS OF STAR CONFIGURATION AND CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND THREE REVETTED MISSILE-HOLD POSITIONS. THE ONSITE SUPPORT FACILITY CONSISTS OF AT LEAST THREE BUILDINGS. OCCUPANCY OF THE SITE COULD NOT BE UNDETERMINED.

25X1D		25X1D
v.	KOVEL SAM SUPPORT FACILITY	ZOXID
25X1D	NAC	

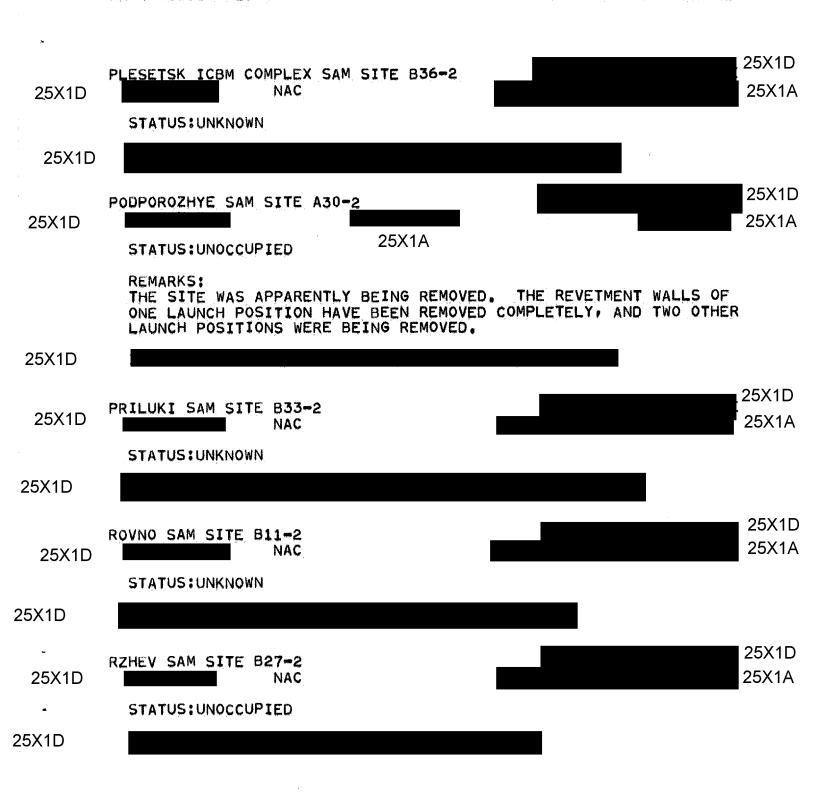
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25X1A

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