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July 1963

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART III
MISSION 9056
27 - 30 JUNE 1963



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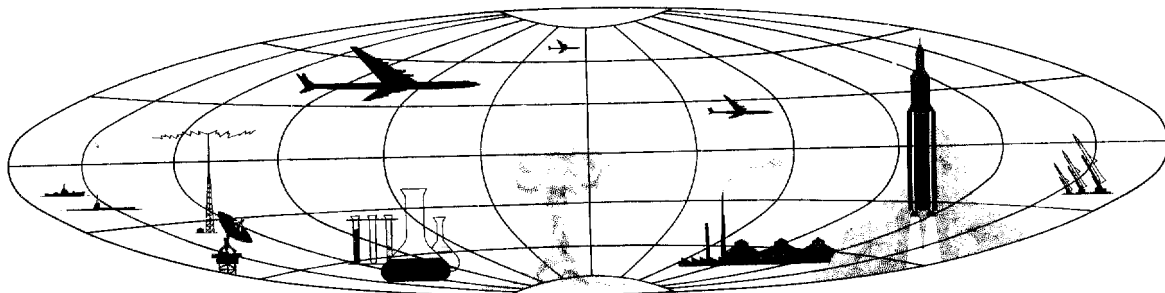
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OAK - PART III MISSION 9056

PREFACE

THIS IS THE THIRD AND LAST DAILY OAK REPORT BASED ON MISSION 9056 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 1500 HOURS, 5 JULY 1963, TO 1700 HOURS, 6 JULY 1963, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY MISSION 9056 ARE LISTED IN THE INDEX OF THIS REPORT.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), D (DARKNESS), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

MISSION 9056 DID NOT PROVIDE PHOTOGRAPHIC COVERAGE ON PART OF PASS 56 OR ON ANY SUBSEQUENT PASSES BECAUSE THE FILM SUPPLY WAS EXHAUSTED.

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 9056 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS

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ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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HIGHLIGHTS

- 25X1A 1. TEYKOVO ICBM LAUNCH COMPLEX [REDACTED]
A FIFTH LAUNCH AREA, LAUNCH AREA C, HAS BEEN NEWLY IDENTIFIED AT 56-48N 040-11E. IT IS A TYPE II C SITE IN AN EARLY STAGE OF CONSTRUCTION.
- 25X1A 2. TYUMEN ICBM LAUNCH COMPLEX [REDACTED]
TWO PROBABLE INTERFEROMETERS UNDER CONSTRUCTION HAVE BEEN IDENTIFIED. BOTH HAVE BASELINES APPROXIMATELY 1,200 FEET IN LENGTH AND ARE LOCATED TO THE RIGHT-REAR OF THEIR ASSOCIATED LAUNCH AREAS (LAUNCH AREAS A AND C).
- 25X1A 3. KAMENNY MOST HARDENED MRBM/IRBM LAUNCH SITE [REDACTED]
[REDACTED]
- 25X9 [REDACTED]
- 25X1A 4. TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE [REDACTED]
THIS LAUNCH SITE IS NOW CONFIRMED AS A HARDENED MRBM/IRBM SITE, PROBABLY IN A LATE STAGE OF CONSTRUCTION.

MISSILE SUMMARY

THE FOLLOWING IS A COMPILATION OF MISSILE FACILITIES OBSERVED ON MISSION 9056. THIS COMPILATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY --

TYPE	PART I	PART II	PART III	TOTAL
ICBM LAUNCH SITES		1	1	2
IRBM	1			1
CRUISE MISSILE		1		1
SA-3		1	2	3
SA-2		1	1	2
SA-0 (UNIDENTIFIED TYPE)		1		1
SAM SUPPORT			1	1

SUBMARINE SUMMARY

THE FOLLOWING IS A COMPILATION OF SUBMARINES OBSERVED ON MISSION 9056.

LOCATION	FIRM	PROBABLE	POSSIBLE	TOTAL
SEVEROMORSK NAVAL BASE	6			6
SAYDA GUBA SUB BASE	9		1	10
OLENYA GUBA SUB BASE	6			6
POLYARNYY NAVAL BASE	10		5	15

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LITSA BAY SUB BASE			5	5	
URA GUBA NAVAL BASE		3		3	
PALA GUBA NAVAL BASE			1	1	
PECHENGA NAVAL BASE	1	1		2	
BALAKLAVA SUB BASE			1	1	
PETROPAVLOVSK/KAMCHATSKIY SUB BASE			6	6	
BUKHTA ULIS			5	5	
PETROVKA SHIPYARD		5	1	6	
		37	4	25	66

STATUS OF COMOR TARGET READOUT

ONE HUNDRED THREE COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD. IN ADDITION, 2 BONUS TARGETS ARE INCLUDED.

25X1A

MISSILES


 POLYARNYY URAL SUSPECT ICBM AREA 6703N 06524E

NO UNUSUAL ACTIVITY, EVIDENCE OF SSM ACTIVITY OR UNIDENTIFIED INSTALLATIONS OBSERVED ON CLEAR PHOTOGRAPHY OVER WESTERN HALF OF SEARCH AREA. HOWEVER, LOW SUN ANGLE LIMITS INTERPRETATION.

25X1D


25X1A

 PLESETSK ICBM LAUNCH COMPLEX 6256N 04039E

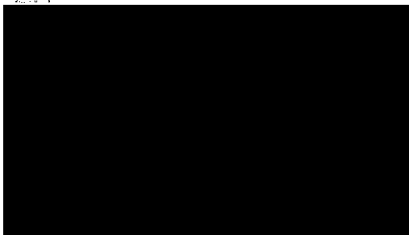
THE PLESETSK ICBM COMPLEX IS ONLY PARTIALLY COVERED BY GENERALLY POOR PHOTOGRAPHY. LAUNCH POINTS I, II, IV AND LAUNCH AREAS B, C, AND D CAN BE IDENTIFIED, BUT QUALITY OF PHOTOGRAPHY PRECLUDES DETAILED INTERPRETATION. LAUNCH AREA A SHOWS NO APPARENT CHANGE SINCE  CLOUDS, HAZE, AND SHADOWS OBSCURE OTHER FACILITIES AND LIMIT STEREO COVERAGE.

25X1D

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON  ARE AS FOLLOWS

- LAUNCH POINTS I AND II
- LAUNCH POINT IV
- LAUNCH AREA B
- LAUNCH AREA D
- TRANSFER POINT
- LAUNCH AREA A
- LAUNCH AREA C



25X1D

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25X1D



25X1A



YURYA ICBM LAUNCH COMPLEX 5903N 04919E

25X9

NO SIGNIFICANT CHANGE IN COMPLEX SUPPORT FACILITIES, RAIL-TO-ROAD TRANSFER POINT [REDACTED] AND LAUNCH AREAS A, B, C, D, E, F, G, K. LAUNCH AREA H IS A TYPE II-C SITE. IT CONTAINS AN H-SHAPED ROAD PATTERN WITH LAUNCH PADS AT ONE END OF THE LEGS OF THE H AND READY BUILDINGS AT THE OTHER END. ONE PAD HAS ONE READY BUILDING BEHIND IT AND THE OTHER HAS 2. TWO CANTED BUILDINGS ARE INSIDE OF EACH LAUNCH PAD, AND 2 BUILDINGS ARE LOCATED MIDWAY BETWEEN THE PADS. THERE IS NO CHANGE IN THE SITE SUPPORT FACILITY. THE SITE IS IN A LATE STAGE OF CONSTRUCTION. LAUNCH AREAS I AND J ARE TYPE II-C SITES IN AN EARLY STAGE OF CONSTRUCTION. PORTIONS OF THE MAIN ACCESS ROADS, THE RECTANGULAR ROAD SYSTEMS, AND THE LAUNCH PADS ARE UNDER CONSTRUCTION.

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS

25X1D

COMPLEX SUPPORT FACILITY [REDACTED]

25X1D

AUXILIARY SUPPORT FACILITY [REDACTED]

RAIL-TO-ROAD TRANSFER POINT [REDACTED]

LAUNCH AREA A [REDACTED]

LAUNCH AREA B [REDACTED]

LAUNCH AREA C [REDACTED]

25X1D

LAUNCH AREA D [REDACTED]

LAUNCH AREA E [REDACTED]

LAUNCH AREA F [REDACTED]

LAUNCH AREA G [REDACTED]

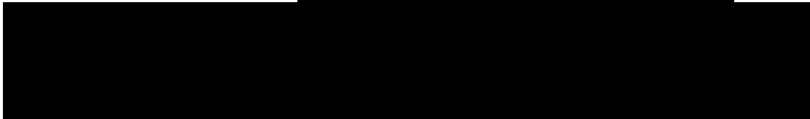
LAUNCH AREA H [REDACTED]

LAUNCH AREA I [REDACTED]

LAUNCH AREA J [REDACTED]

LAUNCH AREA K [REDACTED]

25X1D



25X1A



YOSHKAR-OLA ICBM LAUNCH COMPLEX 5634N 04803E

LAUNCH AREA F --- CONSTRUCTION STILL IN PROGRESS. SITE NOW IN MID-STAGE OF CONSTRUCTION.

25X1D

LAUNCH AREA C --- NO APPARENT CHANGE SINCE [REDACTED]

25X1D



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RAIL--TO--ROAD TRANSFER POINT CAN BE IDENTIFIED, BUT NOT INTERPRETED.
REMAINDER OF COMPLEX IS CLOUD--COVERED.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON
25X1D [REDACTED] ARE AS FOLLOWS ---

25X1D LAUNCH AREA C [REDACTED]
25X1D LAUNCH AREA F [REDACTED]

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] KOSTROMA ICBM LAUNCH COMPLEX 5750N 04115E

LAUNCH AREA E IS IN MID--STAGE OF CONSTRUCTION. THREE RAMP--LIKE STRUCTURES EXTEND INTO THE EXCAVATION. AN OVAL--SHAPED ROAD IS UNDER CONSTRUCTION. THERE IS NO APPARENT CHANGE IN LAUNCH AREAS A, B, C, D, AND THE COMPLEX SUPPORT FACILITY. LAUNCH AREAS F, G, AND THE RAIL--TO--ROAD TRANSFER POINT ARE CLOUD--COVERED.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON
25X1D [REDACTED] ARE AS FOLLOWS ---

25X1D COMPLEX SUPPORT FACILITY [REDACTED]

25X1D LAUNCH AREA A [REDACTED]

25X1D LAUNCH AREA B [REDACTED]

25X1D LAUNCH AREA C [REDACTED]

25X1D LAUNCH AREA D [REDACTED]

25X1D LAUNCH AREA E [REDACTED]

25X1A [REDACTED]

[REDACTED] ITATKA ICBM LAUNCH COMPLEX 5650N 08536E

IDENTIFICATION ONLY.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] TEYKOVO ICBM LAUNCH COMPLEX 5652N 04035E

A FIFTH LAUNCH AREA (LAUNCH AREA E) HAS BEEN NEWLY IDENTIFIED AT 56--48N 040--11E. IT IS A TYPE II--C SITE IN AN EARLY STAGE OF CONSTRUCTION. THE NEWLY CONSTRUCTED ACCESS ROAD CONTINUES PAST THE SITE BUT

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25X1D CLOUD COVER PRECLUDES DETERMINATION OF ITS ALIGNMENT
OR TERMINUS. THERE WAS NO EVIDENCE OF THE ACCESS ROAD
OR THE SITE ON THE LATEST PREVIOUS COVERAGE [REDACTED]

25X1D NO APPARENT CHANGE OBSERVED IN LAUNCH AREAS A AND C.
LAUNCH AREAS B AND D, THE COMPLEX SUPPORT FACILITY,
AND THE RAIL-TO-ROAD TRANSFER POINT ARE CLOUD-COVERED.

(SEE ATTACHMENT 1).

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ARE AS
FOLLOWS ---
LAUNCH AREA A [REDACTED]
LAUNCH AREA C [REDACTED]
LAUNCH AREA E [REDACTED]

25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] TYUMEN ICBM LAUNCH COMPLEX 5652N 06553E

TWO PROBABLE INTERFEROMETERS UNDER CONSTRUCTION WITH
APPROXIMATELY 1,200 FT BASELINES HAVE BEEN
IDENTIFIED, ONE ABOUT 4,500 FT EAST OF LAUNCH SITE A,
AND THE OTHER ABOUT 2,300 FT EAST OF LAUNCH AREA C.

25X1D THERE HAVE BEEN NO OTHER SIGNIFICANT ADDITIONS
TO THE COMPLEX SINCE [REDACTED]
EXCEPT FOR THE POSSIBLE HARDENED SITE REPORTED
25X1D SUBSEQUENT TO THE [REDACTED] OAK REPORT. EXCAVATION
AT THE POSSIBLE HARDENED SITE IS CONTINUING, BUT

25X1B [REDACTED]

25X1D LAUNCH SITES A, B, AND C STILL APPEAR TO BE
IN A MID-STAGE OF CONSTRUCTION ALTHOUGH EARTH
SCARRING IN THE PAD AREAS OF LAUNCH SITES A AND
C HAS INCREASED SINCE [REDACTED]
WHICH WAS THE LAST SNOW-FREE COVER OF THE COMPLEX.

25X1D ADDITIONAL EARTH SCARRING IS ALSO EVIDENT AT
THE TRANSFER POINT SINCE [REDACTED]

THE SUPPORT-TYPE FACILITY NORTH OF THE COMPLEX
SUPPORT FACILITY SHOWS NO SIGNIFICANT CHANGE.

UNIDENTIFIED ACTIVITY CONSISTING OF GROUND SCARRING
IS LOCATED 3,000 FT SOUTH OF LAUNCH SITE C. THIS

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ACTIVITY IS CONNECTED TO THE PROBABLE INTERFEROMETER
BEHIND LAUNCH SITE C BY A STRAIGHT GROUND SCAR.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS
ON [REDACTED] ARE AS FOLLOWS ---
25X1D COMPLEX SUPPORT FACILITY [REDACTED]
INTERFEROMETER AT A [REDACTED]
INTERFEROMETER AT C [REDACTED]
UNIDENTIFIED ACTIVITY [REDACTED]

(SEE ATTACHMENTS 2 & 3)

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] YEDROVO ICBM LAUNCH COMPLEX 5751N 03341E

LAUNCH AREA G CAN BE IDENTIFIED, BUT NOT INTERPRETED.
REMAINDER OF COMPLEX CLOUD-COVERED.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] RZHEV, SUSPECT SSM AREA 5615N 03420E

NO SSM ACTIVITY OBSERVED IN NE QUADRANT OF 50-NM
RADIUS OF RZHEV. REMAINDER OF SEARCH AREA
CLOUD-COVERED.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] SVERDLOVSK, SUSPECT SSM AREA 5650N 06037E

NO SUSPECT MISSILE INSTALLATIONS OR UNIDENTIFIED
RAIL-SERVED CONSTRUCTION ACTIVITY OBSERVED
WITHIN A 50-NM RADIUS OF SVERDLOVSK.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] NOVOSIBIRSK ICBM LAUNCH COMPLEX 5516N 08257E

ONLY LAUNCH AREA B, THE COMPLEX SUPPORT FACILITY AND
THE RAIL-TO-ROAD TRANSFER POINT ARE VISIBLE. THE
REMAINDER OF THE COMPLEX IS CLOUD-COVERED. DETAILS AT
LAUNCH AREA B CANNOT BE DISCERNED BUT SITE APPEARS TO
BE COMPLETE. THERE IS NO APPARENT CHANGE AT THE

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COMPLEX SUPPORT FACILITY OR TRANSFER POINT ALTHOUGH
THEY ARE PARTIALLY OBSCURED BY HAZE AND CLOUD SHADOW.

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED]
25X1D [REDACTED] ARE AS FOLLOWS ---
25X1D LAUNCH AREA B [REDACTED]
25X1D COMPLEX SUPPORT FACILITY [REDACTED]
25X1D TRANSFER POINT [REDACTED]
25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] KANDALAKSHA SUSPECT SSM AREA 6709N 03225E

NO SSM ACTIVITY OBSERVED WITHIN THE 50-NM
RADIUS OF KANDALAKSHA.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] MURMANSK, SUSPECT SSM AREA 6858N 03305E

NO SSM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF
MURMANSK.
CONSTRUCTION ACTIVITY PREVIOUSLY REPORTED IS
ASSOCIATED WITH THE TAYBOLA IRBM LAUNCH COMPLEX.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] SHAKHUNYA, SUSPECT SSM AREA 5740N 04637E

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS OF
EASTERN HALF OF 50-NM RADIUS OF SHAKHUNYA.

25X1D [REDACTED]

25X1A [REDACTED]

[REDACTED] KOLOZERO, SUSPECT ICBM AREA 6810N 03320E

NO SSM ACTIVITY OBSERVED WITHIN 50-NM RADIUS OF
KOLOZERO ON CLOUD-FREE PHOTOGRAPHY.

25X1D [REDACTED]

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25X1A

[REDACTED] PETROPAVLOVSK, SUSPECT SSM AREA 5452N 06906E

NO SSM ACTIVITY IDENTIFIED WITHIN A 50-NM
RADIUS OF PETROPAVLOVSK.

25X1D

25X1A

[REDACTED] CHAADAYEVKA, SUSP MISSILE-ASSOCIATED ACTIVITY 5307N 04602E

CANNOT CONFIRM OR NEGATE CHAADAYEVKA INSTALLATION
AS ICBM LAUNCH COMPLEX.
NO APPARENT CHANGE IN CONSTRUCTION ACTIVITY. NO
NEW CONSTRUCTION OBSERVED IN CLOUD-FREE PORTIONS
OF AREA. AREA IS 60 PERCENT CLOUD-COVERED.

25X1D

25X1A

[REDACTED] PIBANSHUR, SUSPECT SSM AREA 5752N 05319E

NO SSM ACTIVITY OBSERVED WITHIN A 50-NM RADIUS OF
PIBANSHUR.
SEARCH AREA COVERED BY CLOUD-FREE PHOTOGRAPHY.

25X1D

25X1A

[REDACTED] BEREZNIKI, SUSPECT SSM AREA 5925N 05643E

NO SSM ACTIVITY OBSERVED IN WESTERN HALF OF
50-NM RADIUS OF BEREZNIKI.

25X1D

25X1A

[REDACTED] KOVYLKINO SUSPECT ICBM AREA 5402N 04356E

NO SSM ACTIVITY OBSERVED IN THE CLOUD-FREE
AREAS WITHIN A 30-NM RADIUS OF KOVYLKINO.

25X1D

25X1A

[REDACTED] VINNITSA HARDENED MRBM/IRBM LAUNCH SITE 4917N 02820E

LAUNCH SITE APPEARS COMPLETE.
NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE

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PORTION OF SEARCH AREA.
ONLY WESTERN THREE-FOURTHS OF SEARCH AREA COVERED BY
PHOTOGRAPHY. QUALITY OF COVERAGE PRECLUDES NEGATION.

25X1D

25X1A

GVARDEYSK MRBM LAUNCH SITE 2 5445N 02109E

25X1D

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS
WITHIN A 25-NM RADIUS OF GVARDEYSK MRBM LAUNCH SITE 2.
THE PROBABLE MATCHING MRBM SITE REPORTED AT 54-50-30N

25X1A

021-08-00E IS LOCATED AT

25X1D

54-40-30N 021-08-00E AND WAS ASSIGNED

25X1A

MUKACHEVO MRBM LAUNCH SITE 1 4819N 02231E

NO HARDENED MRBM/IRBM LAUNCH SITE OBSERVED WITHIN
25-NM RADIUS OF MUKACHEVO MRBM LAUNCH SITE 1.
QUALITY OF PHOTOGRAPHY PRECLUDES NEGATION OF
SEARCH AREA.

25X1D

25X1A

KAMENETS-PODOLSKIY MRBM LAUNCH SITE 4851N 02642E

NO HARDENED MRBM/IRBM LAUNCH SITE OBSERVED WITHIN
A 25-NM RADIUS OF KAMENETS-PODOLSKIY MRBM LAUNCH
SITE.

25X1D

QUALITY OF PHOTOGRAPHY PRECLUDES NEGATION OF AREA.

25X1A

SLAVSK MRBM LAUNCH SITE 2 5500N 02129E

NO HARDENED IRBM LAUNCH SITES OBSERVED IN CLOUD-FREE
AREAS WITHIN A 25-NM RADIUS OF SLAVSK MRBM LAUNCH
SITE 2.

SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

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25X1A

[REDACTED] GUSEV MRBM LAUNCH SITE 1 5441N 02205E

NO HARDENED ICBM LAUNCH SITES OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF GUSEV MRBM LAUNCH SITE 1. SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] OVRUCH MRBM LAUNCH SITE 1 5117N 02816E

NO HARDENED IRBM LAUNCH SITE OBSERVED WITHIN A 25-NM RADIUS OF OVRUCH MRBM LAUNCH SITE 1. SEARCH AREA CANNOT BE NEGATED SINCE WEST HALF OF SEARCH AREA IS NOT COVERED AND REMAINDER IS 50 PERCENT CLOUD-COVERED.

25X1D

25X1A

[REDACTED] BALTA MRBM LAUNCH SITE 1 4801N 02933E

NO HARDENED LAUNCH SITE OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF BALTA MRBM LAUNCH SITE 1. SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] JONAVA MRBM LAUNCH SITE 5501N 02414E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 25-NM RADIUS OF JONAVA MRBM LAUNCH SITE. SEARCH AREA 75 PERCENT CLOUD-COVERED AND CANNOT BE NEGATED.

25X1D

25X1A

[REDACTED] VEPRIAI MRBM LAUNCH SITE 5508N 02438E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 25-NM RADIUS OF VEPRIAI MRBM LAUNCH SITE. SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

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25X1A

[REDACTED] SIMUNA MRBM LAUNCH SITE 5908N 02626E

NO HARDENED IRBM LAUNCH SITE OBSERVED WITHIN A 25-NM RADIUS OF SIMUNA MRBM LAUNCH SITE.
AREA CANNOT BE NEGATED DUE TO DARKNESS AND SCALE.

25X1D

25X1A

[REDACTED] GRESK MRBM LAUNCH SITE 1 5314N 02742E

NO HARDENED IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF GRESK MRBM LAUNCH SITE 1.
SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] TAPA SUSPECT MISSILE AREA 5916N 02558E

ONLY EASTERN ONE-FOURTH OF THE SEARCH AREA COVERED.
NO MRBM ACTIVITY OBSERVED.

25X1D

25X1A

[REDACTED] RAGNIT MRBM LAUNCH SITE 5501N 02211E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 25-NM RADIUS OF RAGNIT MRBM LAUNCH SITE.
HAZE PRECLUDES INTERPRETATION OF LAUNCH SITE. SEARCH AREA IS 75 PERCENT CLOUD COVERED.

25X1D

25X1A

[REDACTED] LIDA MRBM LAUNCH SITE 1 5347N 02521E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF LIDA MRBM LAUNCH SITE 1.
SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

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25X1A

[REDACTED] VSELYUB MRBM LAUNCH SITE 1 5346N 02543E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREA WITHIN 25-NM RADIUS OF VSELYUB MRBM LAUNCH SITE 1. SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] DYATLOVO MRBM LAUNCH SITE 5333N 02516E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 25-NM RADIUS OF DYATLOVO MRBM LAUNCH SITE. SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] GROSS STEFFELSDORF, SUSPECT MRBM AREA (CZECH) 4823N 02002E

WESTERN HALF OF SEARCH AREA NOT COVERED. NO MRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS OF EAST HALF OF SEARCH AREA.

25X1D

25X1A

[REDACTED] ZIPSER NEUDORF, SUSPECT MRBM AREA (CZECH) 4857N 02034E

NO MRBM ACTIVITY OBSERVED WITHIN 15-NM RADIUS OF ZIPSER NEUDORF.

25X1D

25X1A

[REDACTED] KARA-BABAU HARDENED IRBM LAUNCH SITE POSS 4431N 07758E

THE SARY OZEK IRBM LAUNCH COMPLEX IS COVERED BY PHOTOGRAPHY OF FAIR-TO-EXCELLENT QUALITY. THE FOLLOWING CHANGES AND ADDITIONS WERE OBSERVED ---

KARA-BABAU IRBM LAUNCH AREA 1 (SOFT) --- THE READY BUILDINGS AT THE LAUNCH SITE HAVE BEEN EARTH MOUNDED AND A SECURED PROBABLE COMMUNICATION SITE HAS BEEN CONSTRUCTED IMMEDIATELY TO THE NORTH OF THE LAUNCH AREA. THERE IS NO APPARENT CHANGE IN

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THE EXTENSIVE SUPPORT, HOUSING AND ADMINISTRATIVE FACILITIES AT THIS LAUNCH AREA.

A NEWLY CONSTRUCTED IMPROVED ROAD EXTENDS WSW FROM THE LAUNCH AREA TO A HOUSING FACILITY AND AN AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY. THERE WAS NO INDICATION OF THESE FACILITIES ON [REDACTED] [REDACTED] THE HOUSING FACILITY IS LOCATED 2.3 NM WSW OF THE LAUNCH AREA AND CONSISTS OF AT LEAST 8 BARRACKS-TYPE BUILDINGS, 4 OF WHICH APPEAR COMPLETE. THE UNIDENTIFIED CONSTRUCTION ACTIVITY IS LOCATED 3.3 NM WSW OF THE LAUNCH AREA. PARTIAL CLOUD COVER AND LACK OF STEREO COVERAGE PRECLUDE IDENTIFICATION OF THIS ACTIVITY.

25X1D
25X1D

25X1B
25X1B

[REDACTED] HOWEVER, THE OVERALL SIZE OF THE INSTALLATION, ITS DEPLOYMENT TIMING, AND ITS RELATIONSHIP TO KARA-BABAU IRBM LAUNCH AREA 1, ALL SUPPORT ITS CLASSIFICATION AS A POSSIBLE HARDENED IRBM LAUNCH SITE. FIVE OF THE BARRACK-TYPE BUILDINGS PREVIOUSLY REPORTED NE OF THE POSSIBLE LAUNCH SITE HAVE BEEN REMOVED.

25X1D
25X1D
25X1D
25X1D
25X1D
25X1A

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS ---
KARA-BABAU 1 [REDACTED]
KARA-BABAU POSSIBLE 2 [REDACTED]
NEW CONSTRUCTION ACTIVITY [REDACTED]

[REDACTED] BREST MRBM LAUNCH SITE 1 5149N 02401E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF BREST MRBM LAUNCH SITE 1.
CLOUD COVER PRECLUDES NEGATION OF SEARCH AREA.

25X1D
25X1A

[REDACTED] ZHMERINKA MRBM LAUNCH SITE 4910N 02804E

NO NEW HARDENED MRBM/IRBM LAUNCH SITE OBSERVED WITHIN A 25-NM RADIUS OF ZHMERINKA MRBM LAUNCH

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SITE.
QUALITY OF PHOTOGRAPHY PRECLUDES NEGATION OF
SEARCH AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] ZHITOMIR MRBM LAUNCH SITE 1 5004N 02816E

NO HARDENED MRBM/IRBM LAUNCH SITE OBSERVED IN
CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF ZHITOMIR
MRBM LAUNCH SITE 1. CLOUDS AND INCOMPLETE COVERAGE
PRECLUDE NEGATION OF SEARCH AREA.

25X1D

[REDACTED]

25X1A

[REDACTED] GRODNO SUSPECT MRBM AREA 5339N 02350E

NO MRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN
25-NM RADIUS OF GRODNO.

25X1D

[REDACTED]

25X1A

[REDACTED] BERDICHEV MRBM LAUNCH SITE 5005N 02822E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS
WITHIN 25-NM RADIUS OF BERDICHEV MRBM LAUNCH SITE.
AREA CANNOT BE NEGATED DUE TO CLOUD COVER AND
INCOMPLETE COVERAGE.

25X1D

[REDACTED]

25X1A

[REDACTED] SHCHUCHIN, SUSPECT MRBM AREA 5336N 02445E

NO NEW MRBM ACTIVITY OBSERVED WITHIN 25-NM
RADIUS OF SHCHUCHIN.
HAZE PRECLUDES NEGATION OF SEARCH AREA.

25X1D

[REDACTED]

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25X1A

[REDACTED] TAURAGE MRBM LAUNCH SITE 3 5505N 02219E

NO HARDENED LAUNCH SITE OBSERVED WITHIN 25-NM RADIUS OF TAURAGE MRBM LAUNCH SITE 3. SEARCH AREA APPROXIMATELY 30 PERCENT CLOUD-COVERED.

25X1D

25X1A

[REDACTED] SVISLOCH, SUSPECT SSM AREA 5326N 02859E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN 10-NM RADIUS OF ABOVE COORDINATES. SCATTERED CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] URECHYE MRBM LAUNCH SITE 5311N 02758E

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF URECHYE MRBM LAUNCH SITE. AREA CANNOT BE NEGATED SINCE ONLY WESTERN HALF OF SEARCH AREA IS COVERED.

25X1D

25X1A

[REDACTED] KAMENNY MOST HARDENED MRBM/IRBM LAUNCH SITE 4758N 03053E

25X9□

25X9□

[REDACTED] AS

PREVIOUSLY REPORTED, THE LAUNCH SITE IS COMPLETE. TWO LAUNCH SILO COVERS AND THE PROBABLE PORTAL SILO COVER ARE VISIBLE. NO NEW SITES OBSERVED WITHIN 25-NM RADIUS OF PERVOMAYSK.

(SEE ATTACHMENT 4)

25X1D

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25X1A

[REDACTED] SAKI, SUSPECT SSM AREA 4507N 03336E

NO SSM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS
OF SAKI.
PARTIAL COVERAGE PRECLUDES NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE 1 6828N 03315E

THIS LAUNCH SITE IS NOW IN A LATE STAGE OF
CONSTRUCTION, OR COMPLETE.

25X1D

25X1A

[REDACTED] SKRUNDA HARDENED IRBM LAUNCH SITE 5635N 02149E

CONSTRUCTION STATUS CANNOT BE DETERMINED DUE TO
SCATTERED CLOUDS AND HAZE.

25X1D

25X1A

[REDACTED] DUBROVO, POSS MISSILE-ASSOCIATED ACTIVITY 5228N 03003E

SITE IS NEGATED AS MRBM/IRBM. IT IS AN UNIDENTIFIED
PROBABLE STORAGE FACILITY CONSISTING OF 3 SEPARATE
AREAS --- A HOUSING AND STORAGE AREA, A PROBABLE
HELICOPTER LANDING AREA TO THE SOUTH, AND 3 CLEARED
AREAS ROAD CONNECTED TO THE HOUSING/STORAGE AREA.

THE WEST CLEARED AREA IS THE MOST ADVANCED IN
CONSTRUCTION AND CONTAINS A BUNKER-TYPE BUILDING.

THE ENTIRE FACILITY IS LOCATED IN THE WOODS. NO HEAVY
SECURITY [REDACTED] IS DISCERNIBLE.

25X1B

25X9□

25X1D

25X1A

[REDACTED] GRANOV HARDENED IRBM LAUNCH SITE 4849N 02930E

LAUNCH SITE IS IN MID-STAGE OF CONSTRUCTION.
NO NEW MRBM/IRBM SITES OBSERVED WITHIN A 25-NM RADIUS

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OF GRANOV HARDENED IRBM LAUNCH SITE.
SEARCH AREA CANNOT BE NEGATED DUE TO SCATTERED CLOUDS.

25X1D

25X1A

SEMENOVKA HARDENED MRBM/IRBM LAUNCH SITE 1 4758N 03059E

LAUNCH SITE APPEARS COMPLETE. THE 2 LAUNCH SILO
COVERS AND THE PROBABLE PORTAL SILO COVER ARE VISIBLE.
ONE LAUNCH SILO COVER IS PARTLY OPEN. THE CONTROL
BUNKER HAS BEEN MOUNDED OVER. HOUSING/ADMINISTRATION
SECTION CONTAINS 9 BUILDINGS.

25X1D

(SEE ATTACHMENT 5)

25X1A

TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE 2 6830N 03323E

LAUNCH SITE NOW APPEARS TO BE COMPLETE.

25X1D

25X1A

BOLEKHOV HARDENED MRBM/IRBM LAUNCH SITE 4906N 02351E

THE LAUNCH SITE IS IN A LATE STAGE OF CONSTRUCTION,
OR COMPLETE.

NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE
AREAS WITHIN 25-NM RADIUS OF BOLEKHOV HARDENED
MRBM/IRBM LAUNCH SITE.

CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

KHMELNITSKIY HARDENED MRBM/IRBM LAUNCH SITE 4924N 02708E

NO NEW HARDENED MRBM/IRBM LAUNCH SITE OBSERVED WITHIN
25-NM RADIUS OF KHMELNITSKIY.

HAZE PRECLUDES NEGATION OF SEARCH AREA.

25X1D

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25X1A

[REDACTED] STRYY HARDENED MRBM/IRBM LAUNCH SITE 4916N 02343E

LAUNCH SITE APPEARS COMPLETE.
NO NEW MRBM/IRBM ACTIVITY OBSERVED WITHIN 25-NM
RADIUS OF STRYY HARDENED MRBM/IRBM LAUNCH SITE.
CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] VLADIMIR VOLYNSKIY HARDENED MRBM/IRBM SITE 5048N 02442E

NO NEW SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS
WITHIN 25-NM RADIUS OF VLADIMIR VOLYNSKIY HARDENED
MRBM/IRBM SITE.
CLOUDS PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED] GURELOVO HARDENED MRBM/IRBM LAUNCH SITE 5925N 02852E

IDENTIFICATION ONLY.

25X1D

25X1A

[REDACTED] OTYNYA HARDENED MRBM/IRBM LAUNCH SITE 4847N 02450E

LAUNCH SITE APPEARS COMPLETE.
NO NEW HARDENED MRBM/IRBM LAUNCH SITE OBSERVED
WITHIN A 25-NM RADIUS OF OTYNYA HARDENED
MRBM/IRBM LAUNCH SITE.
QUALITY OF PHOTOGRAPHY PRECLUDES NEGATION
OF SEARCH AREA.

25X1D

25X1A

[REDACTED] ZEMAICIU KALVARIJA HARD MRBM/IRBM LAUNCH SITE 5601N 02153E

LAUNCH SITE IS COMPLETE AS PREVIOUSLY REPORTED.
NO NEW HARDENED LAUNCH SITE OBSERVED IN CLOUD-FREE
AREAS WITHIN A 25-NM RADIUS OF ZEMAICIU KALVARIJA
HARD MRBM/IRBM LAUNCH SITE. SCATTERED CLOUDS
PRECLUDE NEGATION OF SEARCH AREA.

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25X1D

25X1A

[REDACTED]
[REDACTED] BRODY HARDENED MRBM/IRBM LAUNCH SITE 5006N 02512E

NO NEW HARDENED MRBM/IRBM LAUNCH SITE OBSERVED WITHIN
25-NM RADIUS OF BRODY HARDENED MRBM/IRBM LAUNCH SITE.
CLOUDS AND HAZE PRECLUDE NEGATION OF SEARCH AREA.

25X1D

25X1A

[REDACTED]
[REDACTED] JABAL HAMZI SSM TEST/LAUNCH FACILITY (EGYPT) 3007N 03037E

MISSILE ACTIVITY CANNOT BE CONFIRMED OR NEGATED
DUE TO HAZE AND SCALE OF PHOTOGRAPHY.

25X1D

25X1A

[REDACTED]
[REDACTED] TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE 6825N 03329E

THIS INSTALLATION CAN BE CONFIRMED AS A HARDENED
MRBM/IRBM LAUNCH SITE, PROBABLY IN A LATE STAGE OF
CONSTRUCTION. THE CONTROL BUNKER AND ONE OF THE
LAUNCH SILOS ARE PROBABLY BACKFILLED.
THE OTHER LAUNCH SILO, ITS ASSOCIATED EQUIPMENT
BUNKER, AND THE PROBABLE PORTAL SILO ARE CLEARLY
VISIBLE.
NO NEW SSM ACTIVITY IDENTIFIED IN THE AREA.
SEARCH AREA CANNOT BE NEGATED DUE TO SCATTERED CLOUDS.

25X1D

25X1A

[REDACTED]
[REDACTED] TSIRGULIINA HARDENED MRBM/IRBM LAUNCH SITE 5749N 02612E

OBLIQUITY AND HAZE PRECLUDE INTERPRETATION
OF CONSTRUCTION STATUS.
NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE
PORTIONS OF EASTERN PART OF SEARCH AREA.
AREA CANNOT BE NEGATED SINCE ONLY WESTERN
HALF OF SEARCH AREA IS COVERED.

25X1D

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25X1A

[REDACTED] SEMENOVKA HARDENED MRBM/IRBM LAUNCH SITE 2 4753N 03057E

LAUNCH SITE IS NOW IN MID-STAGE OF CONSTRUCTION. IT CONTAINS ONE CONTROL BUNKER, 2 LAUNCH SILOS, AND ONE PROBABLE PORTAL SILO. HOUSING/ADMINISTRATION SECTION NOW CONTAINS 12 BUILDINGS.

(SEE ATTACHMENT 6)

25X1D

25X1A

[REDACTED] VAINODE HARDENED IRBM LAUNCH SITE 5628N 02150E

LAUNCH SITE IS CLOUD COVERED. HOUSING/ADMINISTRATIVE SECTION VISIBLE. CONSTRUCTION STATUS CANNOT BE DETERMINED.

25X1D

25X1A

[REDACTED] RAMOYE IRBM LAUNCH SITE 6426N 03418E

CONSTRUCTION AT THIS SITE APPEARS COMPLETE, HOWEVER, IT DIFFERS FROM THE USUAL SOFT IRBM SITE CONFIGURATION. THIS SITE APPEARS GENERALLY SIMILAR IN CONFIGURATION TO THE SOFT, SINGLE SITES AT KRASKIND, ROZHDESTVENKA AND ZHURAVKA IN THAT ONE OF THE FOUR READY BUILDINGS IS NOT LINED UP WITH A LAUNCH PAD BUT IS POSITIONED ON THE CENTRAL ACCESS ROAD BETWEEN THE PAIRS OF PADS. IN ADDITION, THERE IS NO HOUSING FACILITY PRESENT.
NO NEW SSM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF RAMOYE IRBM LAUNCH SITE.

25X1D

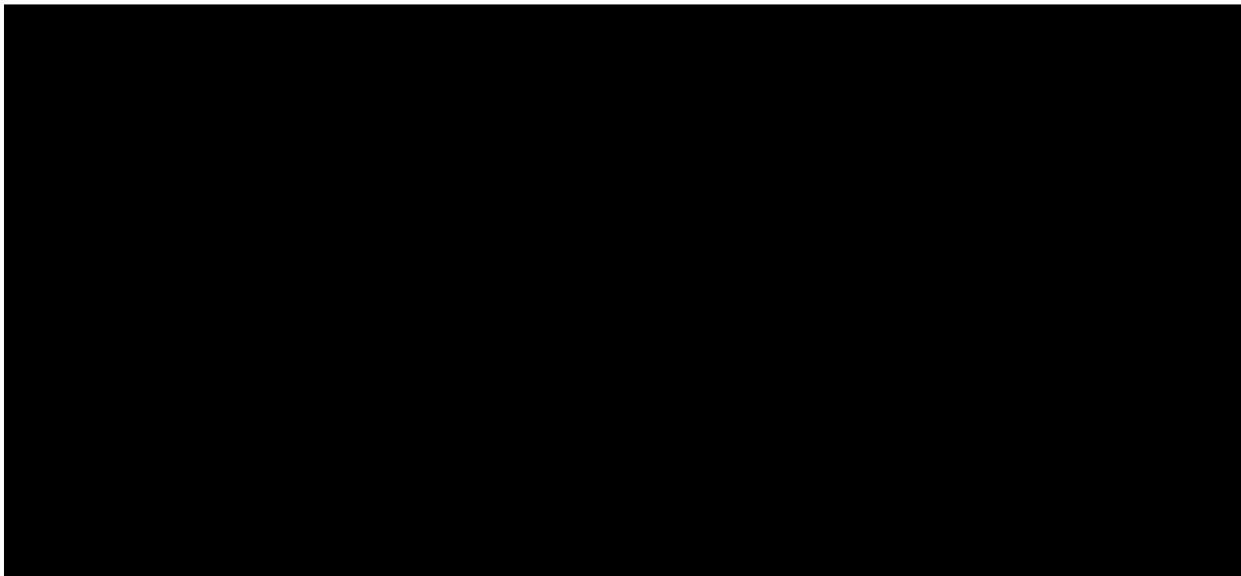
25X1A

[REDACTED] KALNIK HARDENED IRBM LAUNCH SITE 4859N 02921E

LAUNCH SITE REMAINS IN A MID-STAGE OF CONSTRUCTION.

25X1D

25X2□



25X1A



SARATOV AIRFRAME PLANT 292 5130N 04557E

25X1D

ONLY THE SE END OF THE PLANT IS VISIBLE THROUGH HAZE.
A NEW BUILDING POSSIBLY HAS BEEN ADDED SINCE

25X1D

AT THE SE END OF THE PLANT.
NO MISSILES OR MISSILE RELATED EQUIPMENT OBSERVED.

25X1D



25X1A



SEVERODVINSK NAVAL BASE AND SHIPYARD 402 6434N 03949E

25X1D

NO CHANGE IN FACILITIES SINCE

25X1D

NO SUBMARINES IDENTIFIED.
IT CANNOT BE DETERMINED FROM THIS PHOTOGRAPHY WHICH
AREA OF SHIPYARD IS DEVOTED TO THE PRODUCTION OF
NUCLEAR SUBMARINES.

25X1D



25X1A



VLADIVOSTOK NAVAL BASE AND SHIPYARD 202 4306N 13156E

25X1D

NO APPARENT CHANGE IN BASE FACILITIES SINCE
NO NUCLEAR OR
MISSILE SHIP CONFIGURATION IDENTIFIED. NO
NUCLEAR ENERGY ASSOCIATED CONSTRUCTION OR
MISSILE STORAGE IDENTIFIED.

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VESSELS IN GOLDEN HORN BAY INCLUDE --- ONE CL IN DRYDOCK, 12 DD, 4 PF, 2 PROBABLE PF, 27 MERCHANT, ONE EMPTY FLOATING DRYDOCK, AND NUMEROUS MISCELLANEOUS COASTAL AND HARBOR CRAFT.

VESSELS IN BUKHTA DIOMID INCLUDE --- 4 PF, 4 PROBABLE PF AND SEVERAL MISCELLANEOUS UNIDENTIFIED CRAFT.

VESSELS IN BUKHTA ULIS INCLUDE --- 5 POSSIBLE UNIDENTIFIED SUBMARINES AND SEVERAL POSSIBLE PC.

SHIPS IN BUKHTA NOVIK INCLUDE --- ONE CL (PROBABLY SVERDLOV-CLASS), 7 DD, AND ONE POSSIBLE DE.

SHIPS IN BUKHTA AYAKS INCLUDE --- 10 PROBABLE PC AND ONE PROBABLE PF.

ONE LARGE TANKER MOORED OFF MYS LAGERNYY.

25X1D

25X1A

SEVASTOPOL POSSIBLE NAVAL MISSILE STORAGE 4436N 03340E

25X1D

AREA A (NPIC/R-98/63) --- AT LEAST ONE SMALL BUILDING HAS BEEN CONSTRUCTED SINCE

25X1D

AREA B --- 3 LARGE BUILDINGS (ONE PROBABLY DRIVE-THROUGH), AND SEVERAL SMALL BUILDINGS, AT LEAST ONE OF WHICH IS DRIVE-THROUGH.

25X1D

AREA C --- NO APPARENT CHANGE SINCE

AREA D -- DOUBLE-FENCED AREA CONTAINS SEVERAL BUILDINGS/STRUCTURES NOT APPARENT ON PREVIOUS COVERAGE.

25X1D

AREA E --- APPROXIMATELY 10 ADDITIONAL BUILDINGS/STRUCTURES NOT APPARENT ON OBSERVED IN THE SECURED AREA.

25X1D

NPIC/R-136/63

25X1A

[REDACTED] KISLAYA GUBA, SUSPECT SUB BASE 6632N 03306E

NO EVIDENCE OF A SUBMARINE BASE OBSERVED IN CLOUD-FREE AREAS WITHIN 10-NM RADIUS OF KISLAYA GUBA.

25X1D

25X1A

[REDACTED] PETROVKA SHIPYARD 4307N 13220E

PROBABLE WET DOCK (PREVIOUSLY REPORTED AS A PROBABLE GRAVING DOCK), PROBABLE OPEN TRANSVERSE BUILDING WAYS, 4 LARGE SUB-ASSEMBLY/SHOP BUILDINGS, AND SEVERAL SMALLER BUILDINGS OBSERVED. CONSTRUCTION EVIDENT IN SUPPORT AREA. PIER TO SW APPEARS TO BE STILL UNDER CONSTRUCTION. VESSELS -- FLOATING DRYDOCK, SEVERAL UNIDENTIFIED SURFACE VESSELS, 3 SMALL, ONE MEDIUM, AND ONE (POSSIBLY 2) LARGE SUBMARINES.

(SEE ATTACHMENT 7)

25X1D

25X1A

[REDACTED] STRELOK STRAIT NAVAL BASE ANNA 4252N 13232E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

VESSELS -- 3 (POSSIBLY 4) SMALL COASTAL VESSELS TIED UP TO 2 LOWER PIERS.

25X1D

25X1A

[REDACTED] VOSTOK BAY NAVAL BASE LIVADIYA 4252N 13241E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

VESSELS -- NONE OBSERVED.

25X1D

25X1A

[REDACTED] ABREK BAY NAVAL MISSILE SUPPORT BASE 4255N 13225E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

NPIC/R--136/63

VESSELS -- ONE CRUISER (PROBABLY SVERDLOV-CLASS),
4 DD, 4 PF, AND 5 SMALL VESSELS.

25X1D

25X1A

[REDACTED]

[REDACTED] DUNAY PROBABLE NAVAL MISSILE STORAGE 4256N 13220E

25X1D

NO APPARENT CHANGE SINCE [REDACTED]

25X1D

[REDACTED] NO SUBMARINES OR MAJOR NAVAL UNITS IDENTIFIED.

25X9□

[REDACTED]

VESSELS -- 10 UNIDENTIFIED SHIPS AND NUMEROUS SMALL
CRAFT.

(SEE ATTACHMENT 8)

25X1D

25X1A

[REDACTED]

[REDACTED] SVERDLOVSK SUSPECT ABM AREA 5650N 06037E

NO HEN HOUSE OR OTHER ABM-RELATED INSTALLATIONS
RESEMBLING THOSE AT SARY SHAGAN OR LENINGRAD OR NEW
ELECTRONIC INSTALLATIONS WHICH MIGHT BE RELATED TO ABM
DEPLOYMENT COULD BE IDENTIFIED IN VISIBLE AREAS
WITHIN 100-NM RADIUS OF SE QUADRANT OF SVERDLOVSK.
AREA IS APPROXIMATELY 45 PERCENT CLOUD COVERED.

25X1D

[REDACTED]

25X1A

[REDACTED] DAHSHUR SUSPECT SAM TRAINING AREA (EGYPT) 2948N 03111E

NEWLY COMPLETED ROAD EXTENDS SOUTH OF SUSPECT SAM
TRAINING AREA TO A NEWLY UNIDENTIFIED AREA CONTAINING
ONE POSSIBLE DRIVE-THROUGH BUILDING. NO MISSILES,
VEHICLES, OR EQUIPMENT DISCERNIBLE.
INSTALLATION CANNOT BE CONFIRMED OR NEGATED AS
TRAINING AREA AT THIS TIME.

25X1D

[REDACTED]

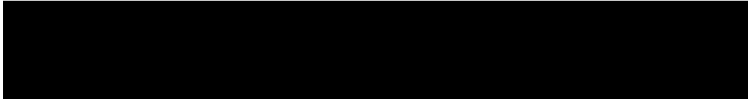
NPIC/R-136/63

MISSILE BONUS 1. THE FOLLOWING SURFACE TO AIR MISSILE ACTIVITY HAS BEEN IDENTIFIED THUS FAR ON MISSION 9056, 27-30 JUN 63.

LENINGRAD SA-3 SAM SITE 6027N 02944E

35 NM NW OF LENINGRAD AT 60-27-20N 029-44-00E.
NEWLY IDENTIFIED PROBABLE SA-3 SAM SITE UNDER CONSTRUCTION IS LOCATED WITHIN THE SECURED AREA OF LENINGRAD NW PROB AMM COMPLEX. ORIENTATION IS APPROXIMATELY 315 DEGREES.
USATC SERIES 200, SHEET 0103-25HL, 3D ED, JUN 62.

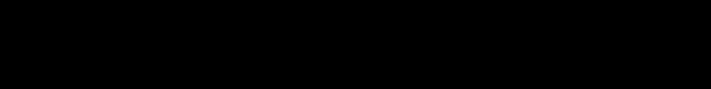
25X1D



PLESETSK ICBM COMPLEX SA-3 SAM SITE 6301N 04027E

14.5 NM NW OF PLESETSK ICBM COMPLEX AT 63-01-10N 040-27-00E.
NEWLY IDENTIFIED COMPLETED SINGLY DEPLOYED SA-3 SAM SITE. ORIENTATION IS [REDACTED] AND SITE CONFIGURATION IS F.
USATC SERIES 200, SHEET 0102-9AL, 2D ED, DEC 61.

25X1D



CAIRO SAM SITE (EGYPT) 3017N 03107E

17 NM NNW OF CAIRO AT 30-17-25N 031-07-10E.
NEWLY IDENTIFIED COMPLETED SA-2 SAM SITE.
USATC SERIES 200, SHEET 0447-11AL, 1ST ED, MAY 61.

25X1D



VARNA SAM SUPPORT FACILITY (BULGARIA) 4319N 02746E

9.7 NM NW OF VARNA AT 43-19-30N 027-46-20E.
NEWLY IDENTIFIED COMPLETED TYPE II SQUARE SAM SUPPORT FACILITY.
USATC SERIES 0323-1AL, 1ST ED, JUL 59.

25X1D



25X1A

AIRFIELDS

[REDACTED] MINSK/MACHULISHCHE AIRFIELD 5347N 02734E

AIRCRAFT --- ONE POSSIBLE BEAGLE AIRCRAFT.

25X1D

25X1A

[REDACTED] OLENYA AIRFIELD 6809N 03327E

25X1D AIRCRAFT --- 5 PROBABLE BADGER [REDACTED]
FIVE LARGE SWEEP-WING AIRCRAFT AND 3 LARGE

25X1D STRAIGHT-WING AIRCRAFT [REDACTED]

25X1D

25X1A

[REDACTED] BYKHOV AIRFIELD 5331N 03012E

25X1D NO CHANGE IN FACILITIES SINCE [REDACTED]

25X1D AIRCRAFT --- ONE BULL, 49 BADGER AND ONE BADGER/CAMEL.

25X1D

25X1A

[REDACTED] ORSHA SOUTHWEST AIRFIELD 5426N 03018E

ONLY ENE END OF RUNWAY VISIBLE.
AIRCRAFT --- NONE OBSERVED.

25X1D

25X1A

[REDACTED] BOBRUYSK AIRFIELD 5306N 02912E

25X1D AIRCRAFT --- 42 SWEEP-WING OBSERVED ON HARDSTANDS
[REDACTED] APPROXIMATELY 30 SWEEP-WING AIRCRAFT

25X1D OBSERVED ON HARDSTANDS [REDACTED]

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

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25X1A

[REDACTED] VORKUTA EAST AIRFIELD 6727N 06415E

AIRFIELD NOT OPERATIONAL.
AIRCRAFT -- NONE OBSERVED.

25X1D

[REDACTED]

BONUS 1. DONUZLAV LAKE SEAPLANE STATION 4520N 03301E

AIRCRAFT --- 19 PROBABLE MALLOW AND 13 STRAIGHT-WING
SEAPLANES.

(SEE ATTACHMENT 9)

25X1D

[REDACTED]

[REDACTED]

25X2

NPIC/R-136/63

25X1A

NAVAL ACTIVITY

[REDACTED] PECHENGA NAVAL BASE LINAKHAMARI 6939N 03122E

25X1D

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

[REDACTED] VESSELS -- ONE SUBMARINE, ONE PROBABLE SUBMARINE, AND SEVERAL UNIDENTIFIED VESSELS.

25X1D

25X1A

[REDACTED] NIKOLAYEV SHIPYARD NOSENKO 444 4657N 03159E

SHIPBUILDING WAYS NO 0. (NIS 26, PART IV, SECTION 2, SUPP. 1, FIG. 2-20) CONTAINS ONE SHIP UNDER CONSTRUCTION POSSIBLY 475 FT LONG. ONE PROBABLE SMALL VESSEL UNDER CONSTRUCTION ON BUILDING WAYS AT WEST END OF REPORTED SUBMARINE FABRICATION BUILDING, AND 2 POSSIBLE SMALL VESSELS IN BASIN AT WEST END OF REPORTED SUBMARINE FABRICATION BUILDING. TWO VESSELS UNDER CONSTRUCTION (550 X 60 FT AND 475 X 60 FT) IN BASIN ADJACENT TO SHIPBUILDING WAYS NO 7. THREE VESSELS AT THE NOSENKO WEST QUAY -- ONE 350 X 45 FT AND 2 SMALLER VESSELS.

THREE VESSELS AT WEST SIDE OF NOSENKO WEST PIER (ONE 475 X 70 FT, ONE 470 X 60, AND ONE SMALLER) AND ONE VESSEL ABOUT 420 FT LONG ON EAST SIDE OF NOSEKNO WEST PIER. ONE VESSEL ABOUT 350 FT LONG IS ON WEST SIDE OF NOSENKO EAST PIER.

NO APPARENT ACTIVITY ON SHIPBUILDING WAYS NO 5. ACTIVITY ON SHIPBUILDING WAYS 1, 2, 3, 4, AND 6 IS UNDETERMINED. ONE NEW BUILDING OBSERVED IN THE WAREHOUSE AREA, AND ONE LARGE NEW BUILDING IMMEDIATELY NW OF THE REPORTED SUBMARINE FABRICATION BUILDING. SEVERAL NEW SHOP BUILDINGS LOCATED THROUGHOUT THE AREA. ABOUT 9 MERCHANT AND NAVAL VESSELS INCLUDING ONE DESTROYER AT NORTHERN SHIPYARD 445.

25X1D

25X1A

[REDACTED] GORKIY HEAVY EQUIP PLT KRASNOYE SORMOVO 112 5622N 04352E

NO SHIPS OBSERVED UNDER CONSTRUCTION. PLANT AREA CONTAINS SIDE LAUNCH WAYS, 2 PIERS, LARGE FABRICATION BUILDING, AND ASSOCIATED SHOP BUILDINGS.

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VESSELS --- ONE FREIGHTER AND NUMEROUS SMALL RIVER CRAFT.

25X1D

25X1A



KHERSON SHIPYARD 4636N 03235E

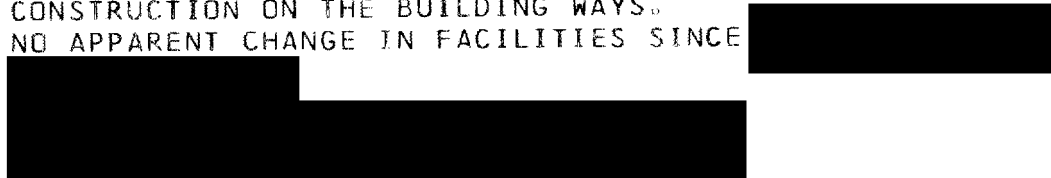
ONE VESSEL (535 X 70 FT) AT FITTING-OUT PIER, 2 VESSELS (465 X 60 FT AND 530 X 60 FT) UNDER CONSTRUCTION ON THE BUILDING WAYS. NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1D

25X1D

25X1A



BALAKLAVA SUBMARINE BASE 4430N 03336E

VESSELS --- 4 UNIDENTIFIED VESSELS, 3 PROBABLE VESSELS, ONE POSSIBLE SUBMARINE AND SEVERAL POSSIBLE SURFACE CRAFT OBSERVED. SUBMARINE FACILITIES COULD NOT BE IDENTIFIED. COVERAGE IS EXCELLENT AND COMPLETE.

25X1D

25X1A



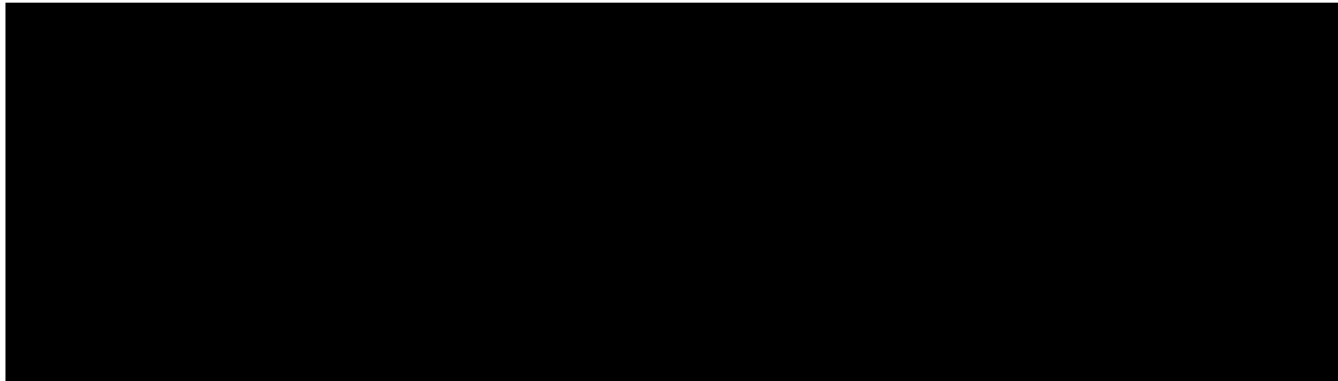
SEVASTOPOL NAV BASE & SHIPYARD SEVMORZAVOD 497 4436N 03332E

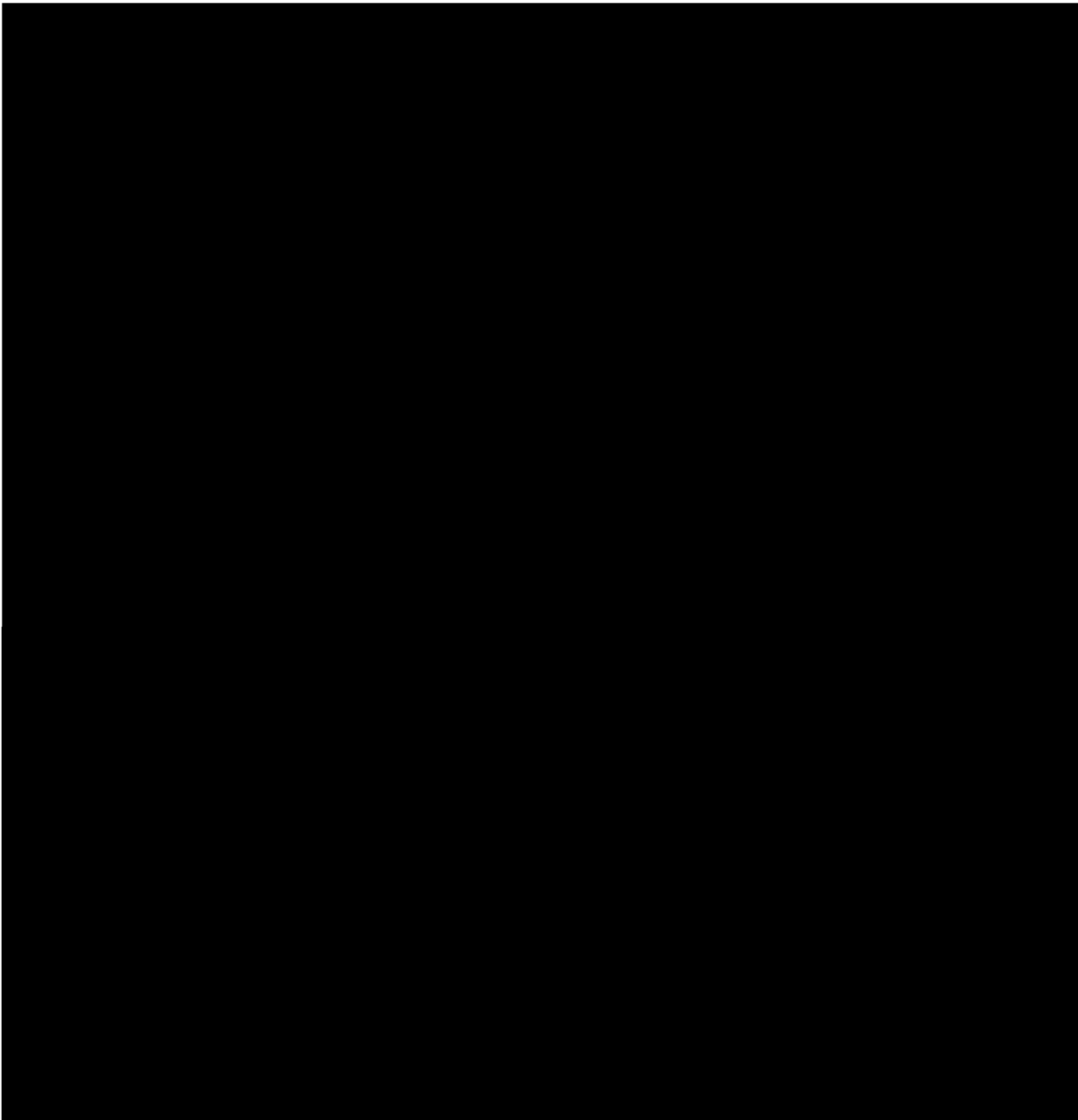
VESSELS --- ONE CRUISER, 3 DD, ABOUT 16 SMALLER VESSELS AT NAVY BASE AND SHIPYARD. APPROXIMATELY 75 VESSELS IN OTHER PARTS OF THE PORT INCLUDE 5 CRUISERS, ONE LARGE VESSEL IN GRAVING DOCK AND 11 PROBABLE DDS. SUBMARINE FACILITIES COULD NOT BE IDENTIFIED. COVERAGE CLEAR AND COMPLETE.

25X1D



25X2





25X2

25X1B

INDEX OF COMOR TARGETS

THIS SECTION CONTAINS A COMPOSITE LIST, BY TARGET NUMBER, OF ALL COMOR TARGETS REVIEWED DURING THE SCAN OF MISSION 9056. THE ROMAN NUMERAL UNDER THE OAK COLUMN INDICATES THE PART OF OAK 9056 IN

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WHICH THE TARGET WAS REPORTED. THE LETTERS NO IN THE OAK COLUMN INDICATE THAT THE TARGET WAS NOT OBSERVED DUE TO ADVERSE WEATHER OR OTHER CONDITIONS, AND THE LETTERS NC INDICATE THAT THE TARGET WAS NOT COVERED BY THE PHOTOGRAPHY.

COMOR	INSTALLATION NAME	COORDINATES	OAK
	POLYARNYY URAL SUSPECT ICBM AREA	6703N 06524E	IIII
	PLESETSK ICBM LAUNCH COMPLEX	6256N 04039E	IIII
	YURYA ICBM LAUNCH COMPLEX	5903N 04919E	IIII
	VERKHNYAYA SALDA ICBM LAUNCH COMPLEX	5802N 06023E	II
	TYURA TAM MISSILE TEST CENTER	4550N 06318E	I
	YOSHKAR-OLA ICBM LAUNCH COMPLEX	5634N 04803E	IIII
	SVOBODNYI ICBM LAUNCH COMPLEX	5146N 12807E	NC
	DROVYANAYA ICBM LAUNCH COMPLEX	5132N 11301E	NO
	KOSTROMA ICBM LAUNCH COMPLEX	5750N 04115E	IIII
	ITATKA ICBM LAUNCH COMPLEX	5650N 08536E	IIII
	SHADRINSK ICBM LAUNCH COMPLEX	5608N 06341E	II
	OMSK ICBM LAUNCH COMPLEX	5503N 07330E	II
	VOZZHAYEVKA SUSPECT ICBM AREA	5044N 12842E	NO
	PERM ICBM LAUNCH COMPLEX	5742N 05619E	NC
	TEYKOVO ICBM LAUNCH COMPLEX	5652N 04035E	IIII
	TYUMEN ICBM LAUNCH COMPLEX	5652N 06553E	IIII
	YEDROVO ICBM LAUNCH COMPLEX	5751N 03341E	IIII
	GLADKAYA ICBM LAUNCH COMPLEX	5605N 09213E	NO
	BRATSK, SUSPECT SSM AREA	5605N 10148E	NO
	RZHEV, SUSPECT SSM AREA	5615N 03420E	IIII
	SVERDLOVSK, SUSPECT SSM AREA	5650N 06037E	IIII
	NOVOSIBIRSK ICBM LAUNCH COMPLEX	5516N 08257E	IIII
	KANDALAKSHA SUSPECT SSM AREA	6709N 03225E	IIII
	MURMANSK, SUSPECT SSM AREA	6858N 03305E	IIII
	SHAKHUNYA, SUSPECT SSM AREA	5740N 04637E	IIII
	BEZHETSK, SUSPECT SSM AREA	5747N 03641E	NO
	KIMRY, SUSPECT SSM AREA	5652N 03721E	NO
	KOLOZERO, SUSPECT ICBM AREA	6810N 03320E	IIII
	KOZELSK ICBM LAUNCH COMPLEX	5357N 03548E	NO
	PETROPAVLOVSK, SUSPECT SSM AREA	5452N 06906E	IIII
	NERCHINSK, SUSPECT SSM AREA	5158N 11635E	NC
	CHAADAYEVKA, SUSP MISSILE ASSOCIATED ACTIVITY	5307N 04602E	IIII
	PIBANSHUR, SUSPECT SSM AREA	5752N 05319E	IIII
	KOLMAKOVO, SUSPECT SSM AREA	5338N 09229E	NO
	BEREZNIKI, SUSPECT SSM AREA	5925N 05643E	IIII
	SARANSK, SUSPECT SSM AREA	5411N 04511E	II
	OLOVYANNAYA ICBM LAUNCH COMPLEX	5048N 11550E	NC
	KOVYLYKINO SUSPECT ICBM AREA	5402N 04356E	IIII
25X1B	VINNITSA HARDENED MRBM/IRBM LAUNCH SITE	4917N 02820E	IIII
	TALLINN SUSPECT SSM AREA	5924N 02444E	I

25X1A

25X1A

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GVARDEYSK MRBM LAUNCH SITE 2	5445N 02109E III
MUKACHEVO MRBM LAUNCH SITE 1	4819N 02231E III
KAMENETS-PODOLSKIY MRBM LAUNCH SITE	4851N 02642E III
LENINAKAN/YEREVAN SUSPECT MRBM AREA	4048N 04350E NC
KIVERTSY MRBM LAUNCH SITE 1	5052N 02530E II
SLAVSK MRBM LAUNCH SITE 2	5500N 02129E III
ZNAMENSK MRBM LAUNCH SITE 1	5433N 02111E NO
GUSEV MRBM LAUNCH SITE 1	5441N 02205E III
OVRUCH MRBM LAUNCH SITE 1	5117N 02816E III
KOROSTEN MRBM LAUNCH SITE 1	5051N 02818E II
YELSK MRBM LAUNCH SITE 1	5142N 02912E II
BALTA MRBM LAUNCH SITE 1	4801N 02933E III
BORKHOV MRBM LAUNCH SITE 1	5218N 03043E II
KURENETS SUSPECT MRBM AREA	5433N 02657E NO
JONAVA MRBM LAUNCH SITE	5501N 02414E III
RUSKI MRBM LAUNCH SITE	5725N 02650E NO
POLOTSK MRBM LAUNCH SITE 1	5522N 02844E NO
VORU MRBM LAUNCH SITE 2	5749N 02650E NO
DISNA MRBM LAUNCH SITE	5535N 02815E NO
VEPRIAI MRBM LAUNCH SITE	5508N 02438E III
SIMUNA MRBM LAUNCH SITE	5908N 02626E III
KROLEVETS IRBM LAUNCH SITE 1	5136N 03328E NC
GRESK MRBM LAUNCH SITE 1	5314N 02742E III
KOZYANY MRBM LAUNCH SITE	5520N 02651E NO
YEREVAN SUSPECT MRBM AREA	4011N 04430E NC
TAPA SUSPECT MISSILE AREA	5916N 02558E III
RAGNIT PROBABLE MRBM LAUNCH SITE	5501N 02211E III
LIDA MRBM LAUNCH SITE 1	5347N 02521E III
VSELYUB MRBM LAUNCH SITE 1	5346N 02543E III
DYATLOVO MRBM LAUNCH SITE	5333N 02516E III
GROSS STEFFELSDORF, SUSPECT MRBM AREA (CZECH)	4823N 02002E III
ZIPSER NEUDORF, SUSPECT MRBM AREA (CZECH)	4857N 02034E III
ZELENA-FRYDEK, SUSPECT MRBM AREA (CZECH)	4941N 01821E NC
RUZOMBEROK, SUSPECT MRBM AREA (CZECH)	4905N 01919E NC
BOZNSKA BYSTRICA, SUSPECT MRBM AREA (CZECH)	4844N 01909E NC
BORKOVICHI MRBM LAUNCH SITE	5542N 02827E NO
KARA-BABAU HARDENED IRBM LAUNCH SITE (POSS)	4431N 07758E III
AKHTYRKA MRBM LAUNCH SITE 1	5015N 03450E NC
BREST MRBM LAUNCH SITE 1	5149N 02401E III
ZHMERINKA MRBM LAUNCH SITE	4910N 02804E III
ZHITOMIR MRBM LAUNCH SITE 1	5004N 02816E III
LIPNIKI MRBM LAUNCH SITE	5112N 02826E II
PETRIKOV MRBM LAUNCH SITE	5210N 02834E II
GRODNO SUSPECT MRBM AREA	5339N 02350E III
KUSHKA, SUSPECT SSM AREA	3516N 06224E NC
KOZHANOVICHI MRBM LAUNCH SITE 1 (POSS)	5210N 02751E II
BERDICHEV MRBM LAUNCH SITE	5005N 02822E III
SHCHUCHIN, SUSPECT MRBM AREA	5336N 02445E III
NAVVOY, SUSPECT MRBM AREA	4009N 06522E NC

25X1A

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LEJASCIEMS MRBM LAUNCH SITE	5721N 02644E	NU
TAURAGE MRBM LAUNCH SITE 3	5505N 02219E	III
MARIJAMPOLE, SUSPECT MRBM AREA	5433N 02321E	II
SVISLOCH, SUSPECT SSM AREA	5326N 02859E	III
ROZHDESTVENKA MRBM LAUNCH SITE	4547N 13343E	I
UGOLNYY MRBM LAUNCH SITE	6446N 17758E	NC
URECHYE MRBM LAUNCH SITE	5311N 02758E	III
KURDZHIPSKAYA MRBM LAUNCH SITE	4431N 04000E	NC
ROGAS, SUSPECT MRBM SITE	5654N 02440E	NO
KAMENNY MOST HARDENED MRBM/IRBM LAUNCH SITE	4758N 03053E	III
SAKI, SUSPECT SSM AREA	4507N 03336E	III
TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE 1	6828N 03315E	III
SKRUNDA HARDENED IRBM LAUNCH SITE	5635N 02149E	III
BULZHINO, SUSPECT LAUNCH SITE	5615N 02819E	NO
DUBROVO, POSS MISSILE-ASSOCIATED ACTIVITY	5228N 03003E	III
GRANOV HARDENED IRBM LAUNCH SITE	4849N 02930E	III
SMORGON HARDENED IRBM LAUNCH SITE 2	5426N 02618E	NO
SEMENOVKA HARDENED MRBM/IRBM LAUNCH SITE	4758N 03059E	III
TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE 2	6830N 03323E	III
BOLEKHOV HARDENED MRBM/IRBM LAUNCH SITE	4906N 02351E	III
KHMELNITSKIY HARDENED MRBM/IRBM LAUNCH SITE	4924N 02708E	III
STRYY HARDENED MRBM/IRBM LAUNCH SITE	4916N 02343E	III
VLADIMIR VOLYNSKIY HARDENED MRBM/IRBM SITE	5048N 02442E	III
GURELOVO HARDENED MRBM/IRBM LAUNCH SITE	5925N 02852E	III
OTYNYA HARDENED MRBM/IRBM LAUNCH SITE	4847N 02450E	III
ZEMAICIU KALVARIJA HARD MRBM/IRBM LAUNCH SITE	5601N 02153E	III
BRODY HARDENED MRBM/IRBM LAUNCH SITE	5006N 02512E	III
RUDNYA ZLOTINSKAYA HARD MRBM/IRBM LAUNCH SITE	5104N 02807E	II
KIROVOBAD, SUSPECT SSM AREA	4040N 04620E	I
SMORGON IRBM LAUNCH SITE 3	5436N 02623E	NO
JABAL HAMZI SSM TEST/LAUNCH FACILITY (EGYPT)	3007N 03037E	III
REDKINO HARDENED MRBM/IRBM LAUNCH SITE	5724N 02826E	NO
TYM PROBABLE HARDENED MRBM/IRBM LAUNCH SITE	3935N 06542E	NC
TAYBOLA HARDENED MRBM/IRBM LAUNCH SITE	6825N 03329E	III
NOVOSYSOYEVKA HARD IRBM LAUNCH SITE	4407N 13327E	I
SHIRVANSKAYA HARDENED MRBM/IRBM LAUNCH SITE	4425N 03954E	NC
TSIRGULIINA HARDENED MRBM/IRBM LAUNCH SITE	5749N 02612E	III
SEMENOVKA HARDENED MRBM/IRBM LAUNCH SITE 2	4753N 03057E	III
LEBEDIN IRBM LAUNCH SITE 3 UNDER CONSTRUCTION	5038N 03427E	NC
VAINODE HARDENED IRBM LAUNCH SITE	5628N 02150E	III
GELLI HARDENED IRBM/MRBM LAUNCH SITE	4245N 04728E	I
PARAUL HARDENED IRBM/MRBM LAUNCH SITE	4247N 04723E	I
RAMOYE IRBM LAUNCH SITE	6426N 03418E	III
KAKASHURA HARDENED IRBM/MRBM LAUNCH SITE	4239N 04727E	I
KISHENTSY HARD MR/IRBM LAUNCH SITE	4900N 03013E	II
LAKHDENPOKHYA MRBM LAUNCH SITE POSSIBLE	6131N 03002E	NO
ZHURAVKA IRBM LAUNCH SITE	5436N 07640E	II
KALNIK HARDENED IRBM LAUNCH SITE	4859N 02921E	III
BIKIN, SUSPECT MR/IRBM AREA	4649N 13416E	I

25X1A

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KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER 4835N 04545E NC
SARY SHAGAN ANTIMISSILE TEST CENTER 4602N 07334E I
SHUANG-CHENG-TZU MISSILE TEST CENTER (CHINA) 4107N 10020E NC
TU-KO-MA-CHING, TEST RANGE (CHINA) 4051N 10941E NC
KAMCHATKA PENINSULA, SUSPECT ABM AREA 5600N 16000E II

25X2

EMBA MISSILE-ASSOCIATED INSTALLATION 4845N 05804E NC
COLOMB-BECHAR/HAMMAGUIR, MSL TEST AREA (AG) 3054S 00303E NC
SHUANG-CHENG-TZU 150 NM IMPACT AREA 4026N 09635E NC
SHUANG-CHENG-TZU 350 NM IMPACT AREA (CHINA) 4024N 09225E I
SHUANG-CHENG-TZU 1100 NM IMPACT AREA (CHINA) 3925N 07640E I
DNEPROPETROVSK MISSILE DEVELOP PROD CENTER 4826N 03459E NC
MOSCOW GUIDED MISSILE PLANT KHIMKI 456 5554N 03727E II
MOSCOW GM P/LT & EXPMT STA KALININGRAD 88 5555N 03748E II
ZAGORSK SUSPECT STATIC TEST FAC KRASNOZAVODSK 5627N 03812E NO
KURUMOCN ROCKET ENGINE TEST FACILITY 5331N 04949E NO
PERM ARMS PLANT MOTOVILIKHA MOLOTOV 172 5802N 05617E NO
PERM AIRCRAFT ENGINE PLANT STALIN 19 5759N 05615E NO
KRASNOYARSK ARMS PLANT VOROSHILOV 4 5600N 09259E NO
KRASNOYARSK STATIC TEST STAND 5605N 09327E NO
KUYBYSHEV AIRFRAME PLANT STALIN 1 5313N 05018E NO
OMSK AIRCRAFT ENGINE PLANT BARANOVA 29 5457N 07326E II
OMSK AREA, STATIC TEST FACILITY 5527N 07322E II

25X2

UFA AIRCRAFT ENGINE PLANT B-26 5447N 05604E NO
UFA AIRCRAFT ENGINE PLANT A-26 5447N 05607E NO
VORONEZH, STATIC TEST FACILITY 5134N 03908E NO
KAZAN AIRCRAFT ENGINE PLANT 16 5551N 04907E II
SHCHERBAKOV AIRCRAFT ENGINE PLANT 36 5803N 03849E II
TAI-YUAN EXPLOSIVES & AMMO PROD COMPLEX (CH) 3759N 11233E NC
KUTAIISI MOTOR VEHICLE PLANT 4216N 04237E NC
HELWAN MUNITIONS PLANT 63 (EGYPT) 2952N 03122E I
AL QAHIRAH (CAIRO) AIRFRAME PLT HELWAN (EGYPT) 2949N 03119E II
PEIPING, STATIC TEST FACILITY (CHINA) 3950N 11608E NO
SARATOV AIRFRAME PLANT 292 5130N 04557E III
TBILISI AIRFRAME PLANT 31 4140N 04452E II
VOLGOGRAD SUSP ROCKET ENGINE PT 4845N 04430E NO
YEN-LIANG, AC PARTS PLANT (CHINA) 3440N 10915E NC
NIZHNAYA SALDA SUSP MISSILE ENG TEST FAC 5809N 06045E II
ORENBURG AIRFRAME PLANT NO 47 5147N 05507E NC
KUYBYSHEV AIRFRAME PLANT LENIN 18 5313N 05019E NO
KUYBYSHEV AIRCRAFT ENGINE PLANT FRUNZE 24 5312N 05017E NO
OMSK AIRCRAFT PLANT 166 5458N 07326E II
UFA AREA, PROB STATIC TEST STAND 5459N 05604E NO

25X6

NOVE MESTO POD SUSPECT MISSILE AREA (CZECH) 5056N 01515E NC
MEDVED SUSPECT SSM AREA 5818N 03031E I

25X6

MARCIENA (MARTSIENA) POSS MISSILE SUPP INSTL 5647N 02607E NO

25X1A

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	N	E	NC
CHENG-HSIEN, SUSPECT MISSILE AREA (CHINA)			
OZERNYY, SSM SEARCH	6624S	17906E	NO
STARAYA RUSSA, SUSPECT MISSILE AREA	5800N	03123E	I
ZAPOLYARNYY, SUSPECT MISSILE AREA	6926N	03051E	I
NONGKODJADJAR, RPTD MISSILE SITE (INDONESIA)	0754N	11237W	NC
ZAKOPYTYE, SUSPECT SSM AREA	5225N	03130E	I
KHARGA OASIS, SSM SEARCH (EGYPT)	2535N	03038E	I
AL ISKANDARIYAH/CAIRO/AS SUWAYS SSM SRCH (EG)	3035N	03010E	I
DAMASCUS, SUSPECT SAM AREA (SYRIA)	3330N	03615E	NC
AL QUNAYTIRAH, SUSPECT SAM AREA (SYRIA)	3307N	03549E	II
SEVERODVINSK NAVAL BASE AND SHIPYARD 402	6434N	03949E	III
SEVEROMORSK SUSPECT MISSILE STORAGE	6906N	03328E	II
KOMSOMOLSK SHIPYARD AMUR 199	5033N	13702E	NC
SAYDA GUBA SUBMARINE BASE	6915N	03321E	II
BALTIYSK NAVAL BASE	5439N	01955E	NO
OLENYA GUBA SUBMARINE BASE	6913N	03323E	II
POLYARNYY NAVAL BASE	6912N	03328E	II
LITSA BAY SUBMARINE BASE	6926N	03224E	II
PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE	5255N	15830E	II
VLADIMIR SUBMARINE BASE	4355N	13528E	NC
VLADIVOSTOK NAVAL BASE AND SHIPYARD 202	4306N	13156E	III
KALININGRAD NAVAL MISSILE FACILITIES	5450N	02028E	NO
SEVASTOPOL POSSIBLE NAVAL MISSILE STORAGE	4436N	03340E	III
URA GUBA NAVAL BASE	6920N	03249E	II
KISLAYA GUBA, SUSPECT SUB BASE	6632N	03306E	III
DOLGAYA NAVAL BASE	6915N	03350E	II
PALA GUBA NAVAL BASE	6912N	03326E	II
PETROVKA SHIPYARD	4307N	13220E	III
STRELOK STRAIT NAVAL BASE ANNA	4252N	13232E	III
VOSTOK BAY NAVAL BASE LIVADIYA	4252N	13241E	III
ABREK BAY NAVAL MISSILE SUPPORT BASE	4255N	13225E	III
DUNAY PROBABLE NAVAL MISSILE STORAGE	4256N	13220E	III
SOVETSKAYA GAVAN NAVAL BASE AND SHIPYARD 263	4858N	14017E	NC
SVERDLOVSK SUSPECT ABM AREA	5650N	06037E	III
MOSCOW SUSPECT ABM AREA	5545N	03737E	II
LENINGRAD PROBABLE AMM AREA	5955N	03020E	II
CHITA, SUSPECT ABM AREA	5254N	11332E	NO
KOMSOMOLSK, SUSPECT ABM AREA	5200N	13700E	NC
BRATSK, SUSPECT ABM AREA	5654N	10030E	NO
FERGANA, SUSPECT ABM AREA	4022N	07144E	II
CHOKURDAKH, SUSPECT ABM AREA	7037N	14753E	NO
MYS SHMIDTA, SUSPECT ABM AREA	6853S	17924E	NO
KHATANGA, SUSPECT ABM AREA	7159N	10230E	NO
KIGILYAKH, SUSPECT ABM AREA	7325N	13959E	NO
PORKHOV EARLY-WARNING RADAR SITE	5744N	02940E	I
TAPA EARLY WARNING RADAR SITE	5919N	02600E	I
VYBORG, EARLY WARNING RADAR SITE	6043N	02834E	I
AMDERMA SUSPECT ABM RADAR	6943N	06145E	I
KOSISTY SUSPECT ABM RADAR	7337N	10945E	NO

25X1A

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ARKHANGELSK POSS ABM RADAR	6433N 04032E	I
GOMEL POSS ABM RADAR	5225N 03100E	I
ASTRAKHAN POSS ABM RADAR	4620N 04801E	I
DIKSON, POSSIBLE ABM RADAR	7331N 08022E	NC
NOVAYA ZEMLYA, POSSIBLE ABM RADAR	7300N 05500E	I
PODPOROZHYE ABM RADAR SITE	6050N 03412E	I
BOROVICHI EARLY WARNING RADAR SITE	5826N 03355E	NO
SORTAVALA EARLY WARNING RADAR SITE	6153N 03029E	NO
KALIDJATI AIRFIELD (INDONESIA)	0633N 10740W	NC
FU-SHIH, SUSPECT SAM AREA (CHINA)	3633N 10926E	NC
HABBANIYAH, SUSPECT SAM AREA (IRAQ)	3225N 04326E	NC
DAHSHUR SUSPECT SAM TRAINING AREA (EGYPT)	2948N 03111E	III
ASTRA KSETRA, POSSIBLE SAM AREA (INDONESIA)	0430N 10515W	NC
AL MANZILAH, SUSPECT SAM AREA (EGYPT)	3108N 03156E	NC
AL ISMAILIYAH, SUSPECT SAM AREA (EGYPT)	3035N 03216E	NC
ARKHANGELSK/KOLM AFLD POSSIBLE ASM SUPT	6421N 04043E	NO
CHEPELEVKA AIRFIELD	4947N 03026E	II
DOLON AIRFIELD	5032N 07912E	NC
ENGELS AIRFIELD	5129N 04611E	I
SIAULIAI AIRFIELD	5553N 02323E	NO
UKRAINA AIRFIELD	5110N 12826E	NC
BORZYA NORTHWEST AIRFIELD	5024N 11623E	NC
BARANOVICHI AIRFIELD	5306N 02603E	II
MINSK/MACHULISHCHE AIRFIELD	5347N 02734E	III
OLENYA AIRFIELD	6809N 03327E	III
STRYY AIRFIELD	4914N 02348E	NO
SREDNIY AIRFIELD	7930N 09110E	NO
NORILSK AIRFIELD	6919N 08756E	NC
MYS SHMIDTA AIRFIELD	6853S 17924E	NO
GOFMANA AIRFIELD	8116N 06015E	NO
NAGURSKAYA AIRFIELD	8047N 04733E	NO
BELAYA AIRFIELD	5254N 10335E	NC
BYKHOV AIRFIELD	5331N 03012E	III
MOZDOK AIRFIELD	4347N 04436E	I
PITU AIRFIELD (INDONESIA)	0203N 12818E	NC
KALININGRAD/PROVEREN AIRFIELD	5446N 02025E	NO
PRILUKI AIRFIELD	5034N 03219E	II
POLTAVA AIRFIELD	4937N 03430E	NC
ORSHA SOUTHWEST AIRFIELD	5426N 03018E	III
BELAYA TSERKOV AIRFIELD	4947N 03001E	II
RYAZAN/DYAGILEVO AIRFIELD	5439N 03935E	II
ZHITOMIR/SKOMOROKHI AIRFIELD	5010N 02844E	I
NEZHIN AIRFIELD	5105N 03152E	II
ANISOVO GORODISHCHE AIRFIELD	5414N 03422E	NO
GOMEL/PRIBYTKI AIRFIELD	5218N 03110E	I
BOBRUYSK AIRFIELD	5306N 02912E	III
ANADYR/LENINKA AIRFIELD	6442N 17742E	NO
TIKSI AIRFIELD	7141N 12853E	NO
VORKUTA EAST AIRFIELD	6727N 06415E	III

25X1A

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OSTROV VRANGEL'YA/SOMNITEL'NAYA AIRFIELD	7057S	17936E	NU
MELITOPOL AIRFIELD	4653N	03518E	NC
MIRGOROD AIRFIELD	4956N	03339E	NC
USSURIYSK/VOZDVIZHENKA AIRFIELD	4355N	13156E	II
RAMENSKOYE AIRCRAFT EXPERIMENTAL PLANT	5535N	03807E	II
SEMLAK AIRFIELD (INDONESIA)	0632N	10645W	NC
ASTRAKHAN NORTHWEST AIRFIELD	4625N	04755E	NO
KU-ERH-LD AREA, AIRFIELD (CHINA)	4146N	08555E	II
TU-LU-FAN AIRFIELD (CHINA)	4257N	08910E	II
YING-PAN AREA, AIRFIELD (CHINA)	4038N	08749E	II

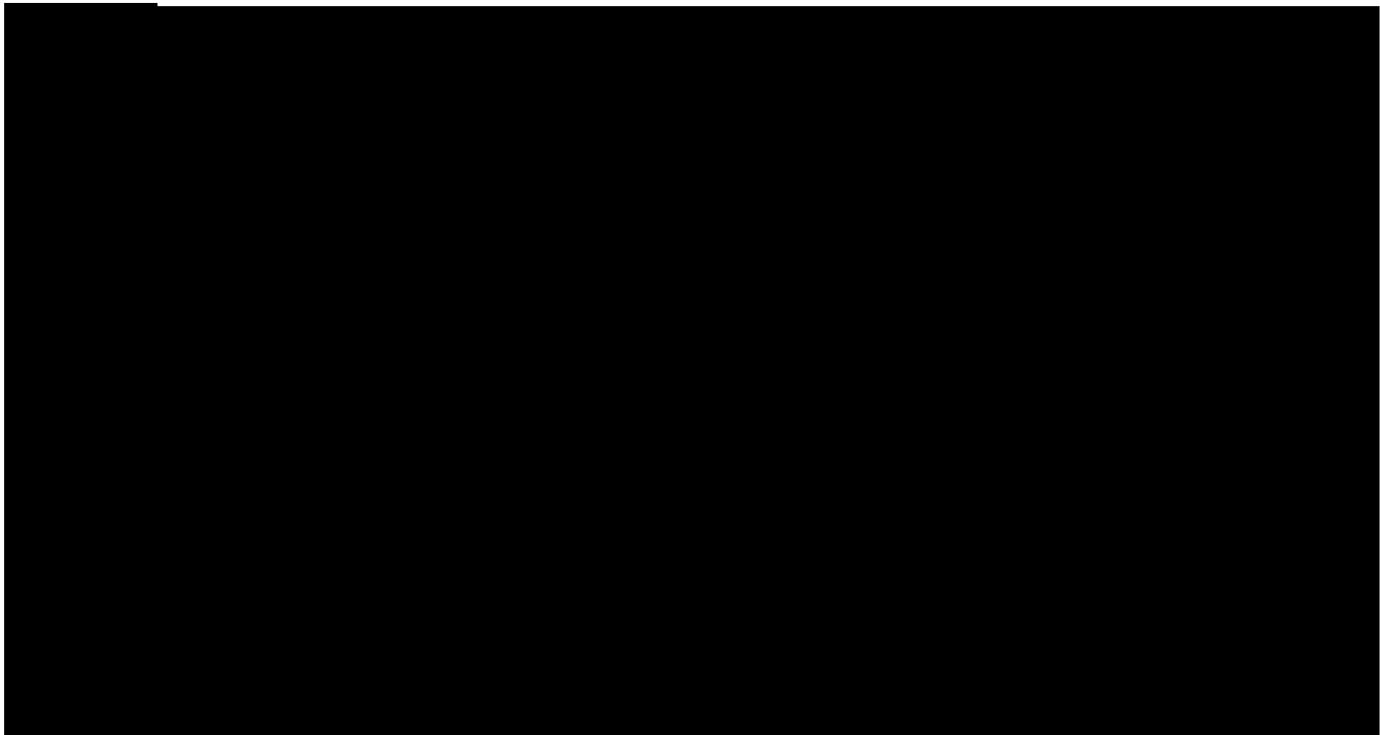
PECHENGA NAVAL BASE LINAKHAMARI	6939N	05122E	III
CHAN-CHIANG NAVAL BASE (CHINA)	2112N	11025E	NC
NIKOLAYEV SHIPYARD NOSENKO 444	4657N	03159E	III
GORKIY HEAVY EQUIP PLT KRASNOYE SORMOVO 112	5622N	04352E	III
KERCH NAVAL BASE & SHIPYARD KAMYSH BURUN 532	4516N	03625E	NC
KHERSON SHIPYARD	4636N	03235E	III
AMBOINA PORT FACILITIES (INDONESIA)	0342N	12812W	NC
VARNA NAVAL BASE & SHIP REPAIR YARD (BULGARIA)	4311N	02754E	II
BATUMI NAVAL BASE & SHIPYARD DZERZHINSKIY	4139N	04138E	NC
SOZOPOL NAVAL BASE (BULGARIA)	4225N	02741E	II
POTI NAVAL BASE & SHIPYARD YELYAVA 201	4209N	04139E	NC
BALAKLAVA SUBMARINE BASE	4430N	03336E	III
SEVASTOPOL NAV BASE/SHIPYARD SEVMORZAVOD 497	4436N	03332E	III
MYS MELOVOY PORT FACILITY	4338N	05113E	NC

25X1A

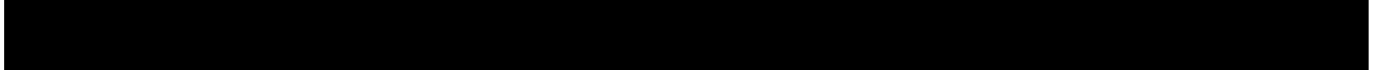
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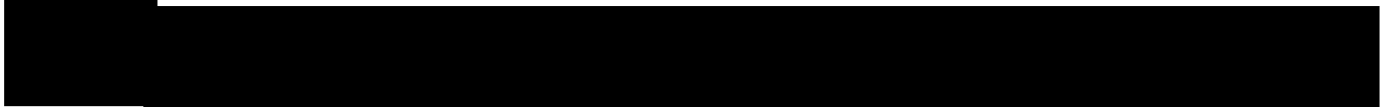
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KILDIN ISLAND, INSTRUMENTATION SITE	6922N 03412E	I
MARKOVO, SUSPECT ELECTRONICS FACILITY	6440N 17025E	I
BARANOVKA, SUSPECT ELECTRONICS FACILITY	4648N 13721E	NC
ANADYR, SUSPECT ELECTRONICS FACILITY	6444N 17728E	NO
SAMODED, SUSPECT COMMUNICATIONS FACILITY	6336N 04028E	I
HSI-NING TO LHASA ROAD (CHINA)	3637N 10155E	NC
TI-HUA TO RUDOG ROAD (CHINA)	4348N 08735E	II
CHENG-TU TO LHASA ROAD (CHINA)	3040N 10404E	NC
HUNG-LIU-YUAN TO LHASA ROAD (CHINA)	4102N 09532E	NC
HSI-AN COMPLEX (CHINA)	3417N 10857E	NC
PAO-TOU COMPLEX (CHINA)	4040N 10948E	NC
NORILSK COMPLEX	6920N 08806E	NC
ANADYR COMPLEX	6444N 17731E	NO
MYS SHMIDTA COMPLEX	6854S 17927E	NO
ANGARSK PETROLEUM REFINERY	5234N 10354E	NC
POLOTSK PETROLEUM REFINERY	5531N 02833E	NO
LOP NOR AREA, CIRCULAR GROUND SCAR (CHINA)	4045N 08940E	NO



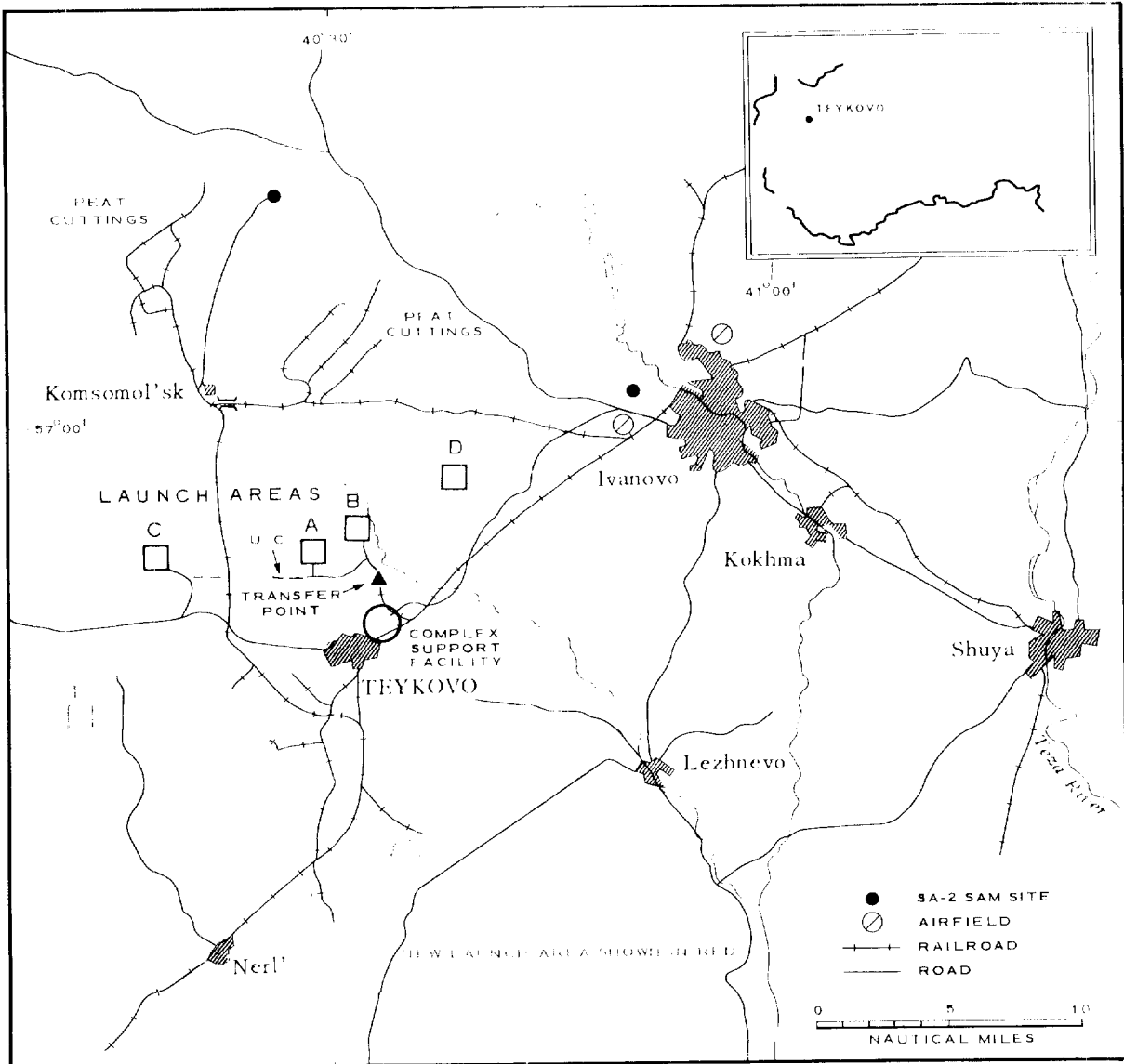
SHESTOVO, POSSIBLE MISSILE ASSOCIATED INSTAL	6258N 04011E	NO
SHESTOVO, POSSIBLE MISSILE ASSOCIATED INSTAL	6257N 04013E	NO



25X2

25X1B

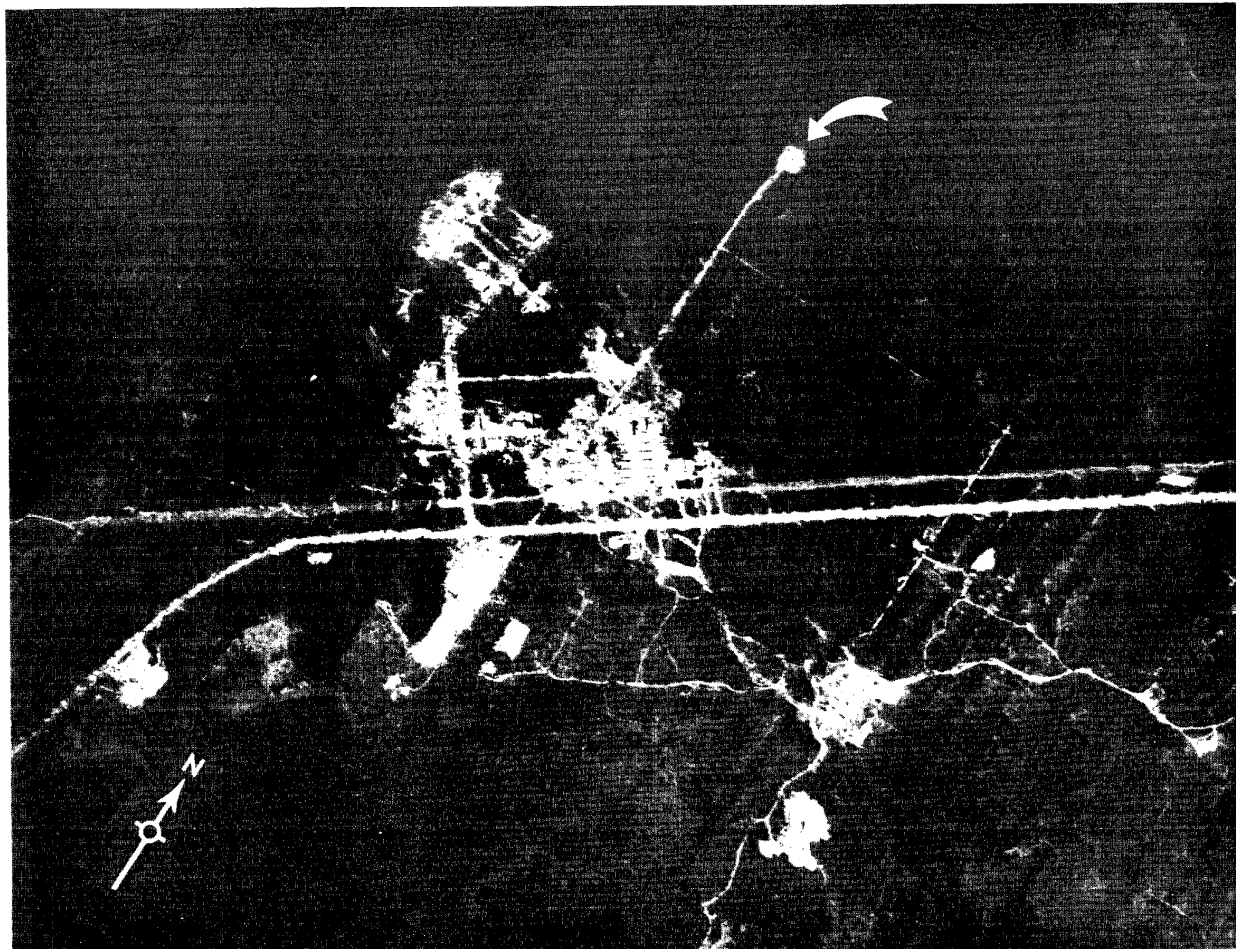
25X1B



NEW LAUNCH AREA E, TEYKOVO ICBM LAUNCH COMPLEX

NPIC R-136 63 (7-53)

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NPIC R-136 63

PROBABLE INTERFEROMETER, LAUNCH AREA A, TYUMEN ICBM LAUNCH COMPLEX

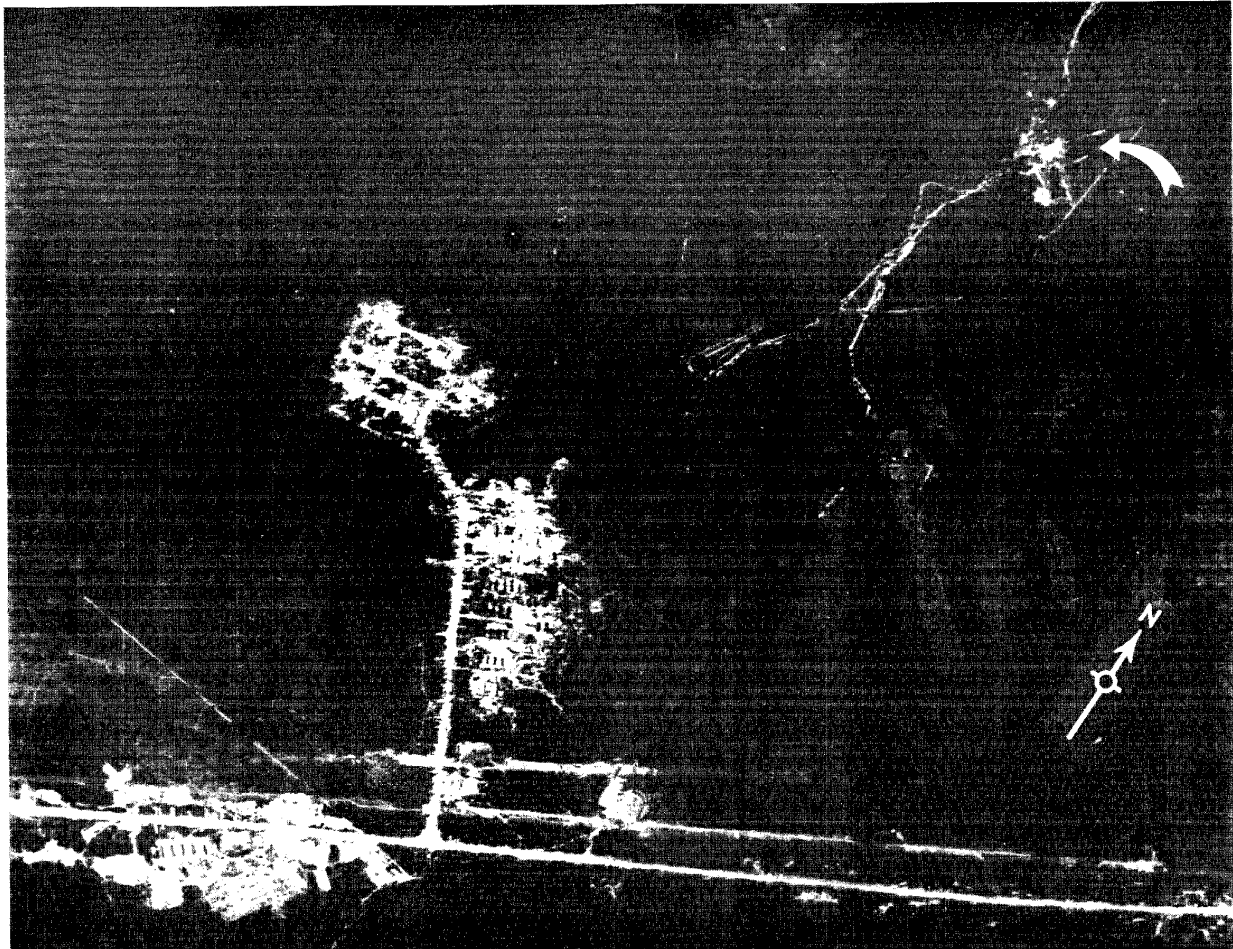
NPIC/R-136 63
ATTACHMENT 2

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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NPIC H-3455 (7/63)

PROBABLE INTERFEROMETER, LAUNCH AREA C, TYUMEN ICBM LAUNCH COMPLEX

NPIC R-136 63
ATTACHMENT 3

TOP SECRET CHESH RUFF

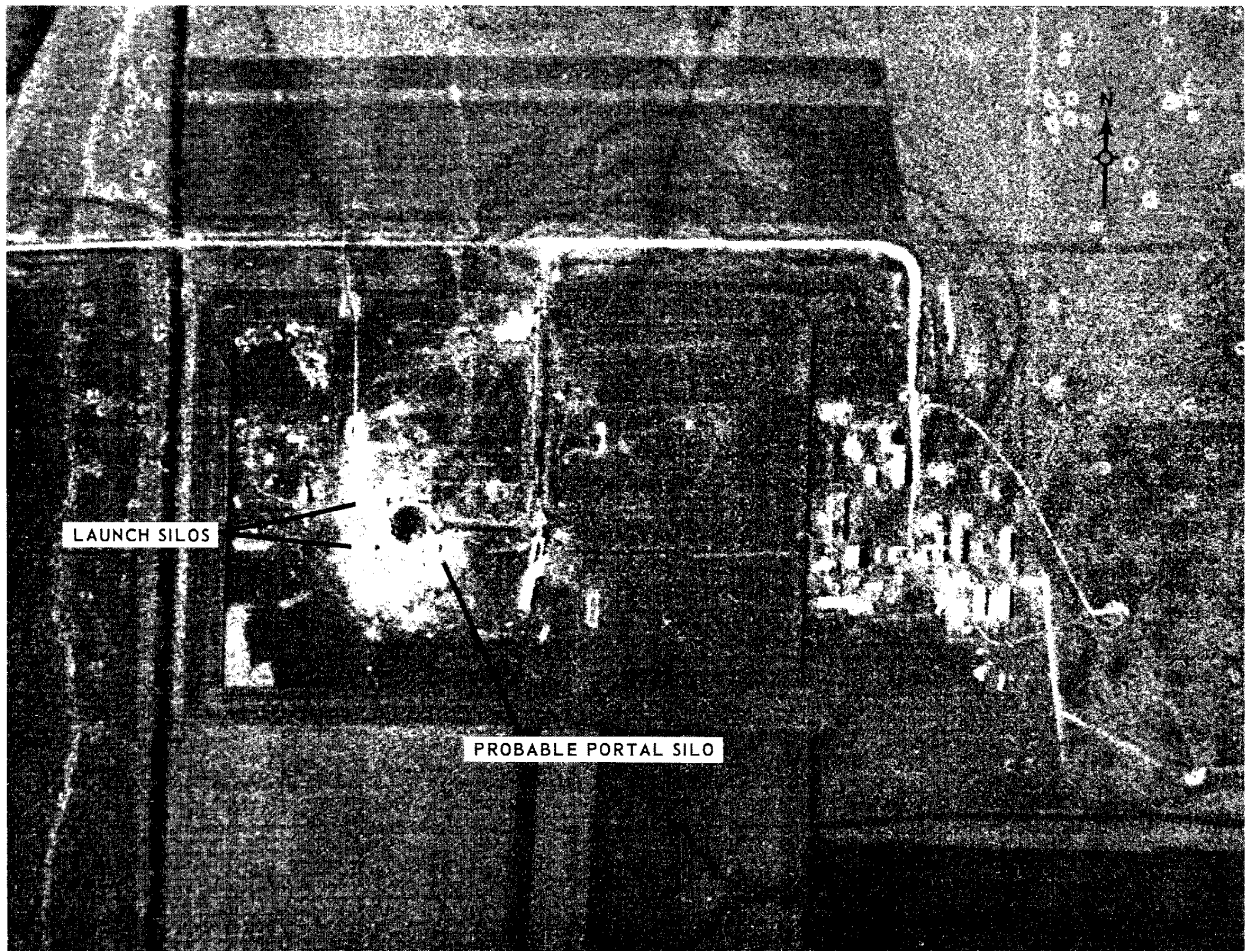
TOP SECRET CHESH RUFF

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25X9

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NPIC H-2481 17 031

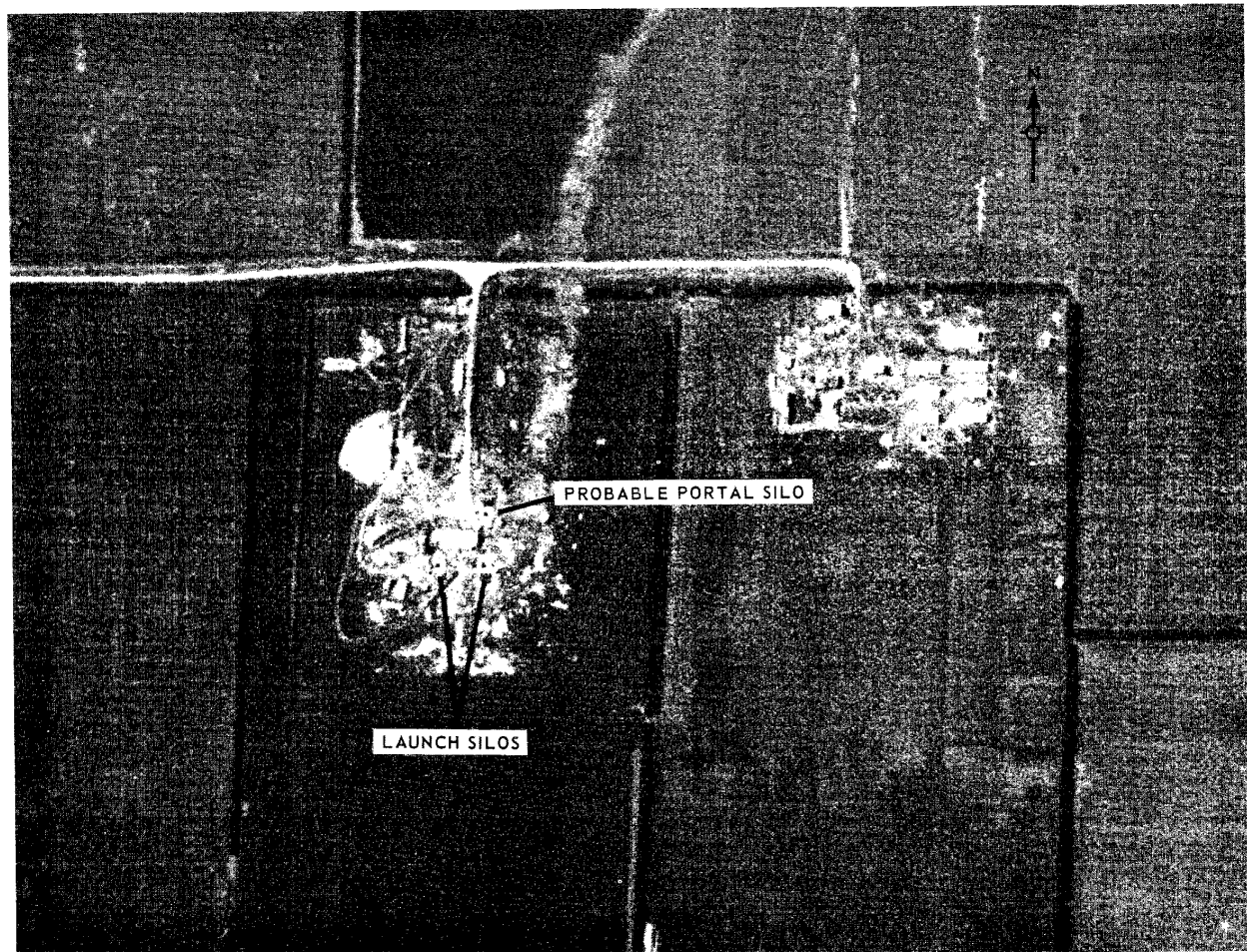
SEMENOVKA HARDENED MRBM/IRBM LAUNCH AREA 1, PERVOMAYSK, USSR

NPIC R 136 63
ATTACHMENT 5

TOP SECRET CHESS RUFF

TOP SECRET CHESS RUFF

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NPIC 11-2452 (7-63)

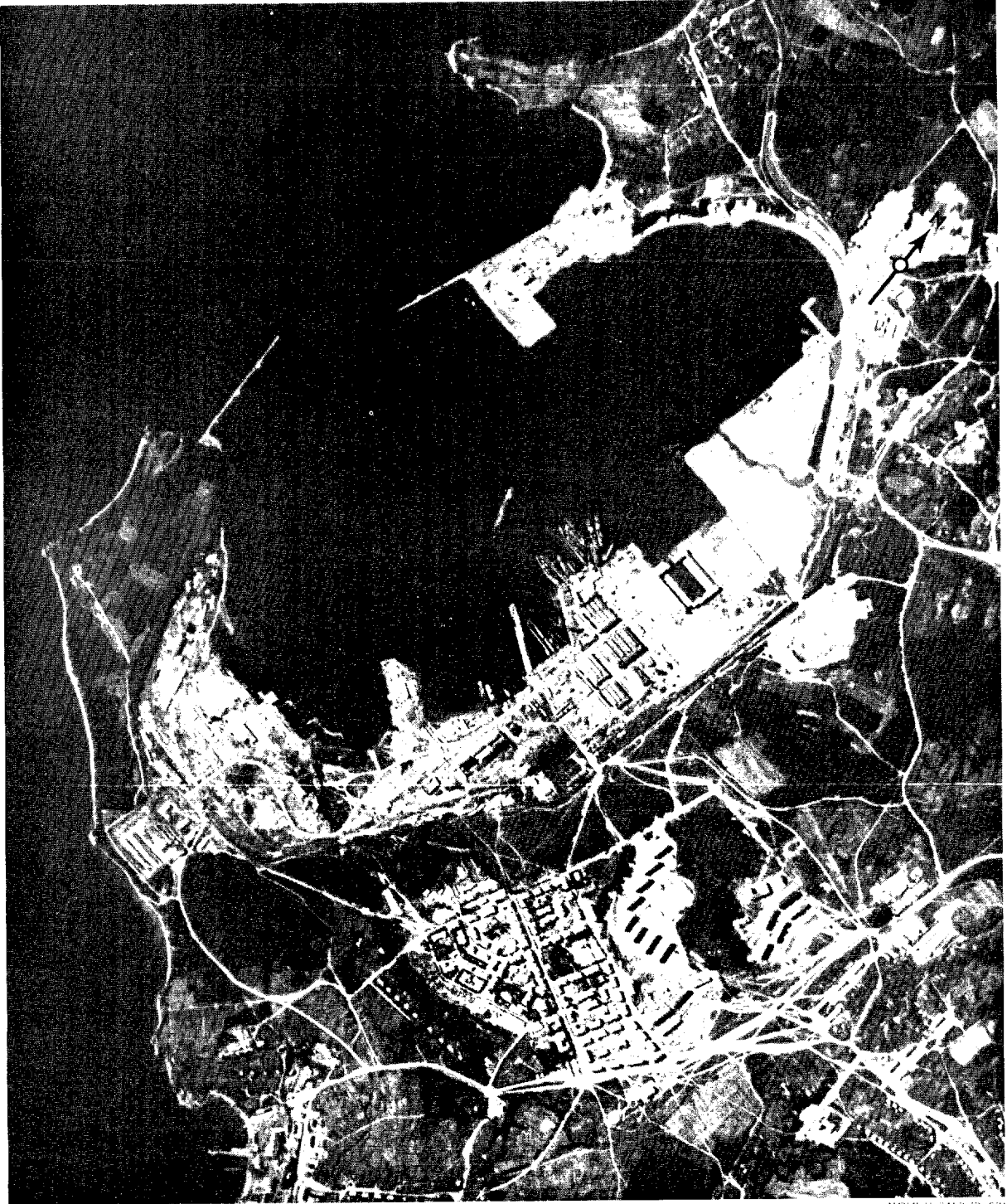
SEMENOVKA HARDENED MRBM IRBM LAUNCH AREA 2, U C, PERVOMAYSK, USSR

NPIC R 136 63
ATTACHMENT 6

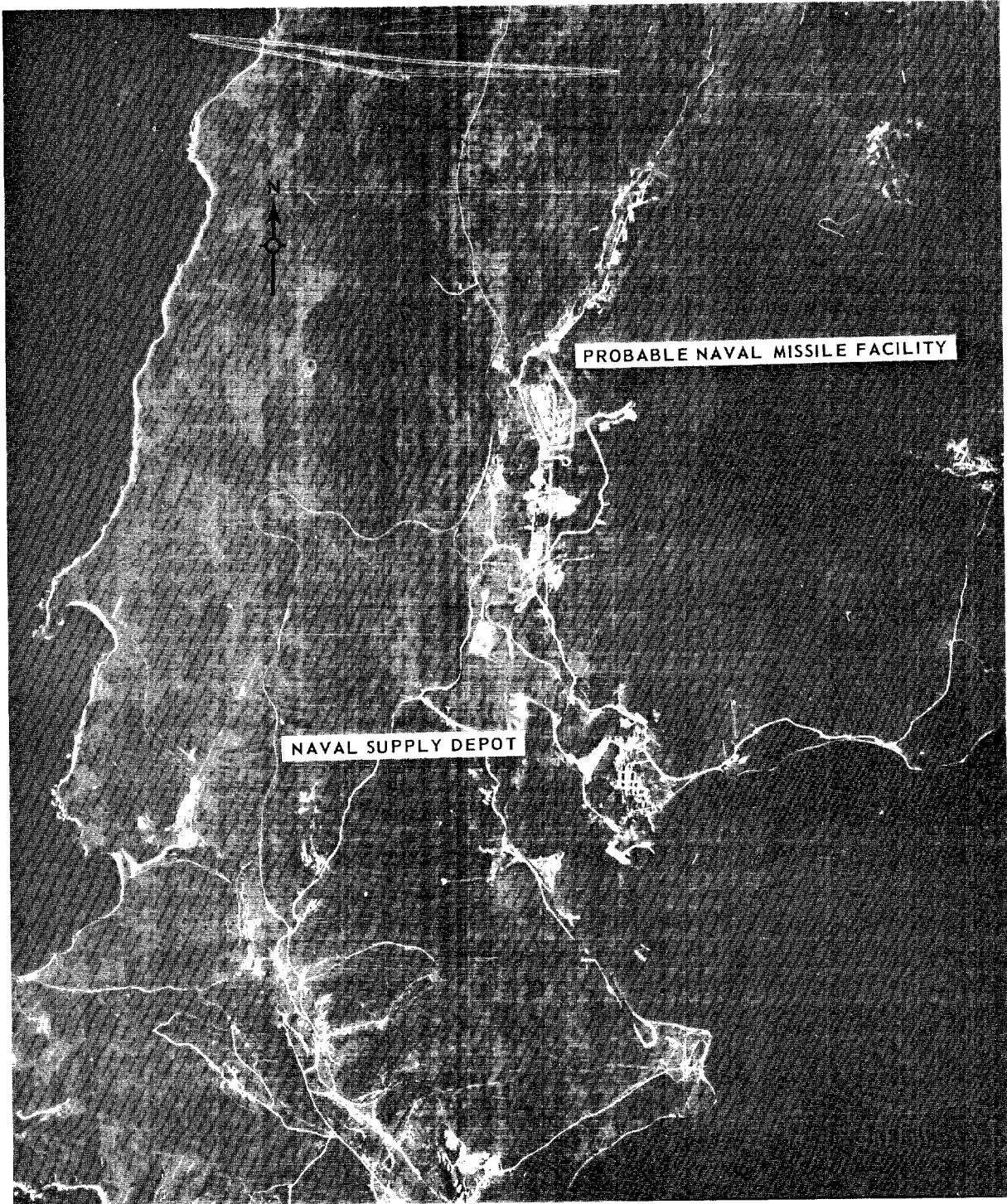
TOP SECRET CHESH RUF

TOP SECRET CHESH RUF

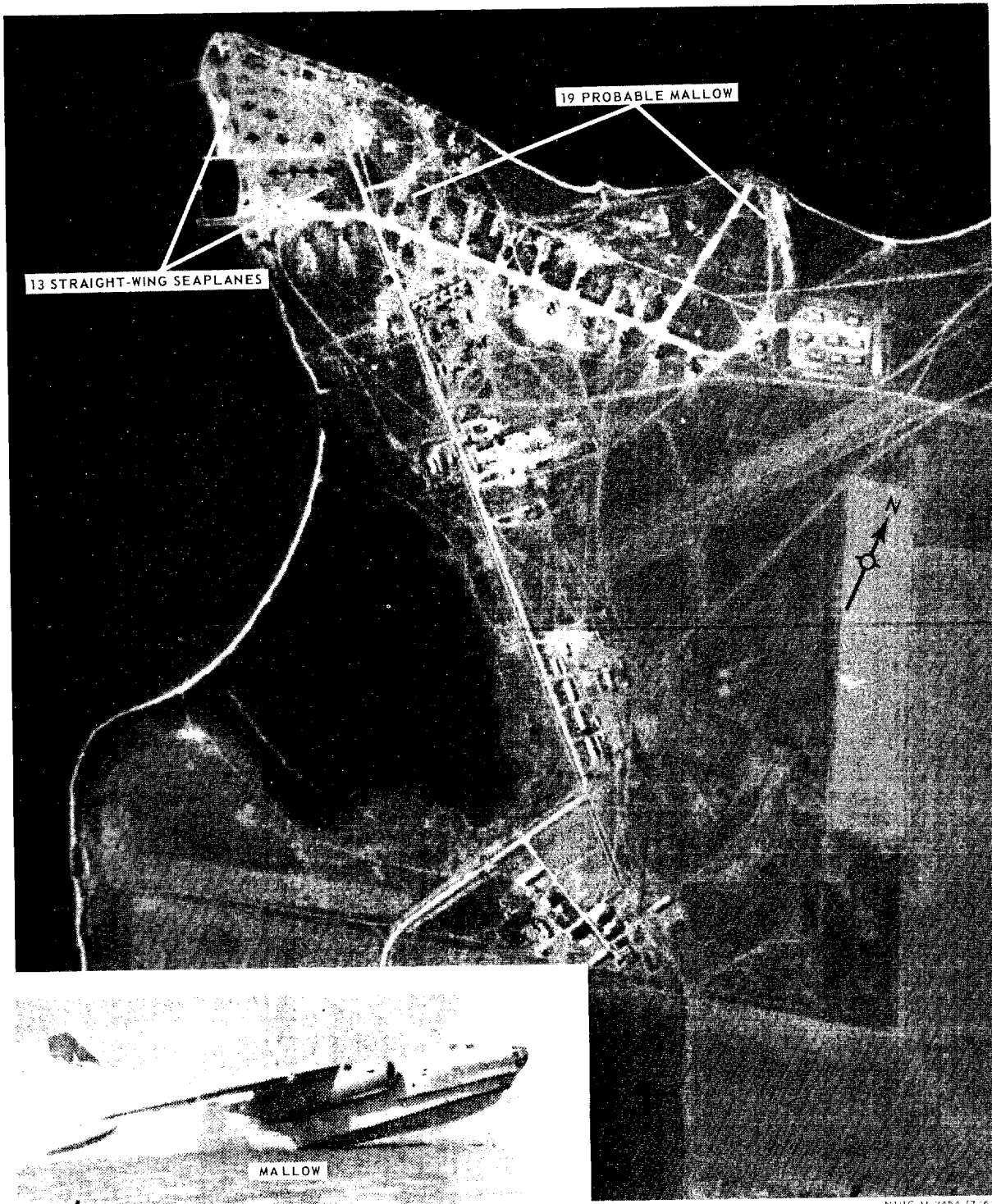
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SUBMARINES, PLTROVKA SHIPYARD



DUNAY PROBABLE NAVAL MISSILE STORAGE, VLADIVOSTOK AREA, USSR



SEAPLANE STATION, DONUZLAV LAKE, USSR

TOP SECRET
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Approved For Release 2001/11/05 : CIA-RDP78B04560A000600010053-4
TOP SECRET