

TOP SECRET

25X1A

OAK 9019 - Part 3
Dates of Info - 8 and 9 July 1961
(Greenwich Time)

Par No. 691-61/KH
16 July 1961
16 Pages

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

PHOTOGRAPHIC INTERPRETATION OAK REPORT

ARMY - NAVY - AIR FORCE - CIA

PREFACE

THIS IS THE THIRD AND FINAL IN A SERIES OF DAILY OAK REPORTS BASED ON MISSION 9019 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT COVERS THE OAK-REPORTING PERIOD FROM 1500 HOURS, 14 JULY 1961, TO 1300 HOURS, 15 JULY 1961. FOR IDENTIFICATION, THE COMOR TARGET NUMBER APPEARS WITH EACH COMOR TARGET REPORTED. IN ADDITION, THIS REPORT INCLUDES TARGETS OF OPPORTUNITY WHICH APPEAR TO BE OF UTMOST INTELLIGENCE SIGNIFICANCE. THE PHOTOGRAPHIC REFERENCES INCLUDE ONLY THE BEST FRAMES.

THE SCAN OF MISSION 9019 FOR PREPARATION OF A MISSION COVERAGE INDEX (MCI) WILL BEGIN AT 0830 HOURS, 17 JULY 1961. SHOULD INFORMATION WHICH APPEARS TO BE OF UTMOST INTELLIGENCE SIGNIFICANCE COME TO LIGHT DURING THE MCI SCAN, THIS INFORMATION WILL BE REPORTED IN OAK SUPPLEMENTS.

STATUS OF COMOR TARGET READOUT
(TOTAL NUMBER OF TARGETS -- 180)

TARGETS OBSERVED AND REPORTED	--	51
TARGETS NOT REPORTED ON (CLOUD COVER OR DARKNESS)	--	76
TARGETS NOT COVERED BY THE PHOTOGRAPHY	--	53
TOTAL NUMBER OF COMOR TARGETS ACCOUNTED FOR	--	180

NOTE -- THE COMPILATION OF TARGETS NOT COVERED BY THE PHOTOGRAPHY IS BASED ON EXAMINATION OF THE APPROXIMATE TRACK OF MISSION 9019. THE SCAN OF PHOTOGRAPHY FOR THE MCI MAY RESULT IN A REVISION OF THIS COMPILATION.

Declass Review by
NIMA/DOD

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-GUIDED MISSILES-

1. MOLOTOV (PERM) MISSILE PRODUCTION SEARCH

25X1A

[REDACTED]
58-10N 056-14E

25X1D

[REDACTED]
THREE INSTALLATIONS IN THE MOLOTOV (PERM) AREA WHICH DO NOT APPEAR ON US AIR TARGET CHART, SHEET 0156-11A, 2D ED, NOV 59, WERE OBSERVED -- AN UNIDENTIFIED INDUSTRIAL AREA 5 NM SW OF PERM, A RAIL-SERVED, PROBABLE STORAGE AREA 8 NM SOUTH OF PERM, AND AN AIRFIELD APPROXIMATELY 10 NM SW OF PERM. THE AIRFIELD HAS A CONCRETE RUNWAY APPROXIMATELY 6,600 FEET LONG, ORIENTED NE/SW, AND A PARALLEL TAXIWAY. THE MOLOTOV CHEMICAL AND MUNITIONS COMBINE (KINOV 98) JUST WEST OF THE CITY APPEARS TO OCCUPY THE SAME AREA AS SHOWN ON THE CHART. NO UNUSUAL INSTALLATIONS WERE OBSERVED IN THE CITY AREA. HAZE PRECLUDES DETAILED INTERPRETATION.

2. KONOSHA--PLESETSK RR MISSILE SEARCH

25X1A

[REDACTED]
61-00N 040-10E

25X1D

[REDACTED]
THE KONOSHA--PLESETSK RAIL LINE IS ALMOST ENTIRELY CLOUD COVERED. PORTIONS OF THE LINE NOT CLOUD COVERED COULD NOT BE POSITIVELY IDENTIFIED. NO UNUSUAL INSTALLATIONS OR UNUSUAL RAIL OR ROAD PATTERNS WERE OBSERVED. THE END OF THE RAIL SPUR SE OF SHALAKUSHA WITH THE NEWLY CONSTRUCTED INDUSTRY AND ASSOCIATED HOUSING (REPORTED IN [REDACTED]) WAS OBSERVED.

25X1D

3. ISAKOGORKA--SEVERODINSK RAIL SEARCH

25X1A

[REDACTED]
64-25N 040-35E

25X1D

[REDACTED]
THE RAIL LINE BETWEEN ISAKOGORKA AND SEVERODINSK IS APPROXIMATELY 60 PERCENT CLOUD COVERED. COVERAGE OVER THE REST OF THE LINE IS HAZY. APPROXIMATELY 6.4 NM WSW OF ISAKOGORKA A SPUR LEADING SOUTH FROM THE LINE APPEARS TO SERVE A POSSIBLE MINING AREA. NO ICBM OR UNUSUAL ACTIVITY WAS NOTED ALONG THIS LINE. A COMPLETED SAM SITE WAS OBSERVED 9 NM WEST OF SEVERODINSK (SEE ITEM ON THIS SITE BELOW IN GUIDED MISSILE SECTION). NO MILITARY, SECURE, OR UNIDENTIFIED INSTALLATIONS WERE NOTED. A RAIL LINE (NEW SINCE USATC 092-22A, 1ST ED, OCT 58) EXTENDS APPROXIMATELY 15 NM WNW OF SEVERODVINSK ALONG

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THE SHORE OF DVINSKAYA BAY TO NENOKSA. ALONG THIS LINE APPROXIMATELY 4 NM SW OF SEVERODINSK THERE IS A TURNING WYE AND SHORT SPUR WHICH APPEARS TO BE A CAR STORAGE SPUR. THIS FACILITY APPEARS TO BE ASSOCIATED WITH A NEW BYPASS RAIL LINE AROUND SEVERODVINSK.

25X1A

25X1D 4. YEMISA-ARKHANGELSK RAIL SEARCH

[REDACTED]
63-05N 040-20E HEAVY CLOUDS, HAZE.
[REDACTED]

NO MISSILE OR OTHER UNUSUAL ACTIVITY WAS OBSERVED IN THE VISIBLE PARTS OF THE AREA ALONG THE RAIL LINE. EIGHTY PERCENT OF THE AREA WAS CLOUD COVERED.

25X1A

25X1D 5. SAAREMAA ISLAND COMPLEX

[REDACTED]
58-25N 022-30E
[REDACTED]

NO MISSILE ACTIVITIES OR UNUSUAL MILITARY INSTALLATION WAS OBSERVED EXCEPT TWO SAM SITES IN THE KURESSAARE AREA AT 58-18-45N 022-18-50E AND AT 57-56-00N 022-24-00E (REPORTED IN OAK 9019, PART 2, ITEMS 17 AND 18 IN THE GUIDED MISSILE SECTION).

25X1A

25X1D 6. KALUSH AREA, POSSIBLE LIQUID OXYGEN DISTRIBUTION FACILITY

[REDACTED]
49-01N 024-22E
[REDACTED]

AN UNIDENTIFIED INSTALLATION WAS OBSERVED IN THE TARGET AREA. CLOUDS PRECLUDE CONFIRMATION OF IT AS A LOX DISTRIBUTION FACILITY.

25X1A

25X1D 7. KANDALAKSHA, POSSIBLE MRBM SITE

[REDACTED]
67-10N 032-25E
[REDACTED]

CLOUDS COVER 90 PERCENT OF THE AREA. NO MISSILE-RELATED OR UNUSUAL ACTIVITY WAS OBSERVED IN THOSE AREAS THAT ARE CLOUD FREE.

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25X1A

25X1A

25X1D 8. UZHGOROD/PERECHIN AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
48-37N 022-18E

WEATHER CONDITIONS IN THE AREA RANGE FROM CLEAR TO SCATTERED CLOUDS. NO MISSILE ACTIVITY WAS OBSERVED IN ANY CLOUD-FREE AREAS.

25X1A

25X1D 9. KHYROV/SAMBOR AREA MISSILE DEPLOYMENT SEARCH

[REDACTED]
49-32N 022-50E

SCATTERED TO HEAVY CLOUDS COVER THE AREA. NO MISSILE ACTIVITY WAS OBSERVED IN THE CLOUD-FREE PARTS.

25X1A

25X1D 10. GORODOK AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
49-44N 023-41E

THE AREA IS PARTIALLY CLOUD COVERED. NO MISSILE ACTIVITY WAS OBSERVED IN THE CLEAR PORTIONS.

25X1A

25X1D 11. STRYY AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
49-15N 023-51E

NO MISSILE ACTIVITY WAS OBSERVED IN THOSE AREAS THAT WERE CLOUD FREE.

25X1A

25X1D 12. KRAKOVETS/YAVOROV AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
49-58N 023-10E

NO MISSILE ACTIVITY WAS OBSERVED IN THOSE AREAS THAT WERE CLOUD-FREE.

25X1A

13. VOLOVETS AREA MISSILE DEPLOYMENT SEARCH

[REDACTED]
48-43N 023-11E

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25X1A

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25X1D

[Redacted]

NO MISSILE ACTIVITY WAS OBSERVED IN THE CLOUD-FREE AREAS.

14. HIIUMAA ISLAND (DAGO) POSSIBLE GM SITE

25X1A

[Redacted]

58-55N 022-40E

25X1D

[Redacted]

NO MISSILE ACTIVITY OR ANY UNUSUAL MILITARY, SECURE, OR LARGE UNIDENTIFIED INSTALLATIONS WERE OBSERVED IN ANY OF THE CLEAR AREAS.

15. PAPANIN/ADZHIKABUL AREA MISSILE DEPLOYMENT SEARCH

25X1A

[Redacted]

39-55N 048-56E

25X1D

[Redacted]

A SEARCH OF THE PAPANIN AND ADZHIKABUL AREAS REVEALED NO MISSILE OR MISSILE-ASSOCIATED ACTIVITIES.

16. SARY SHAGAN ANTIMISSILE TEST COMPLEX

25X1A

[Redacted]

46-12N 073-48E

25X1D

[Redacted]

NO SIGNIFICANT CHANGES WERE APPARENT IN THE VISIBLE PORTIONS OF THE COMPLEX. THE SUPPORT BASE WAS NOT COVERED BY THE PHOTOGRAPHY.

17. CHELYABINSK TANK AND TRACTOR PLANT STALIN

25X1A

[Redacted]

55-09N 061-28E

25X1D

[Redacted]

THE PLANT AREA IS OBSCURED BY CLOUDS. THE WESTERN PART OF CHELYABINSK, ALTHOUGH CLEAR, IS IN SEMIDARKNESS. THE EASTERN PART OF THE CITY IS CLOUD COVERED.

18. KRASNOYARSK ARMS PLANT VOROSHILOV NO 4

25X1A

[Redacted]

56-00N 092-69E

25X1D

[Redacted]

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THE ARMS PLANT IS COMPLETELY CLOUD COVERED. NO MISSILE ACTIVITY, SUCH AS TEST STANDS, IS DISCERNIBLE WITHIN A 30-MILE RADIUS OF THE PLANT.

25X1A

25X1D 19. GORKIY ARMAMENT PLANT NOVOYE SORMOVO/STALIN 92

[Redacted]
56-20N 043-54E
[Redacted]

GORKIY IS BARELY VISIBLE THROUGH CLOUDS AND HAZE. THE ARMAMENT PLANT IS OBSCURED.

25X1A

25X1D 20. BUKHTA RUDDER GM ACTIVITY

[Redacted]
65-25N 176-00W
[Redacted]

NO CONSTRUCTION ACTIVITY IS EVIDENT AT OR WITHIN 50 NM OF THESE COORDINATES. THE ENTIRE AREA IS UNDEVELOPED.

21. LENINGRAD AREA, SUSPECT COMPLEXES

TWO COMPLEXES WITH IDENTICAL CONFIGURATIONS, POSSIBLY MISSILE-ASSOCIATED, HAVE BEEN IDENTIFIED IN THE LENINGRAD AREA (SEE ATTACHMENT 1). ONE COMPLEX IS 36 NM NW OF LENINGRAD AT 60-27-15N 29-44-00E. THE OTHER COMPLEX IS 16 NM NE OF THE CITY AT 60-06N 30-44E. EACH OF THE TWO COMPLEXES, WHICH ARE IDENTICAL IN CONFIGURATION, CONSISTS OF FIVE ROAD-SERVED SITES (SEE ATTACHMENT 2). EACH SITE APPEARS TO HAVE SIX PADLIKE OBJECTS, FOR A TOTAL OF 30 PADS AT EACH COMPLEX. TWO SITES IN THE COMPLEX NW OF THE CITY WERE IDENTIFIED ON KEYHOLE [Redacted] AND REPORTED IN [Redacted] PART 4, PAGE 9. EACH OF THE EIGHT NEWLY IDENTIFIED SITES APPEARS TO HAVE A PATTERN IDENTICAL WITH THAT OF THE TWO SITES PREVIOUSLY REPORTED IN [Redacted] PART 4. THE SMALL SCALE AND DARKNESS PRECLUDE A DETAILED ANALYSIS OF THE SITES.

25X1D

25X1D

25X1D

22. MOSCOW SAM SITES

KEYHOLE MISSION 9019 PROVIDES THE FIRST PHOTOGRAPHIC COVERAGE OF THE SE QUADRANT OF THE INNER AND OUTER MOSCOW SAM DEFENSE RINGS. HAZE AND DARKNESS PRECLUDE A DETAILED REPORT ON ALL SAM SITES AROUND MOSCOW. A TOTAL OF TEN SA-1 HERRINGBONE SAM SITES WERE OBSERVED FOR

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THE FIRST TIME, SIX OF THEM IN THE SE QUADRANT.

LOCATIONS OF THESE TEN SITES FOLLOW.

55-02N 037-57E, 52 NM SSE OF MOSCOW

55-03N 038-09E, 53 NM SSE OF MOSCOW

55-23N 038-43E, 52 NM SE OF MOSCOW

55-28N 038-51E, 52 NM ESE OF MOSCOW

55-23N 038-00E, 26 NM SE OF MOSCOW

55-47N 038-24E, 27 NM EAST OF MOSCOW

55-44N 038-55E, 51 NM EAST OF MOSCOW

55-38N 038-51E, 50 NM ESE OF MOSCOW

55-58N 038-18E, 26 NM NE OF MOSCOW

55-53N 038-21E, 26 NM ENE OF MOSCOW

23. SEVERODINSK AREA, SAM SITE
64-30-40N 039-28-00E

COMPLETED SAM SITE 9 NM WEST OF SEVERODINSK.

24. THE FOLLOWING TARGETS WERE NOT REPORTED ON BECAUSE OF DARKNESS AND/OR CLOUD COVER.

ZAOZERNYY AREA

55-58N 094-42E

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MARTSIENA/MADONA AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
56-46N 026-06E

25X1A

KOLCHINO AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
48-23N 022-46E

25X1A

TBILISI AREA, MISSILE DEPLOYMENT SEARCH

[REDACTED]
41-42N 044-45E

25X1A

MAKAT INTERFEROMETER SITE

[REDACTED]
47-55N 053-48E

25X1A

MOSCOW/KHIMKI GM PLANT 456

[REDACTED]
55-54N 037-27E

25X1A

MOSCOW/TUSHINO AIRCRAFT PLANT NO 82

[REDACTED]
55-50N 037-27E

25X1A

MOSCOW AIRCRAFT PLANT DOGOLPRUDNAYA 464

[REDACTED]
55-56N 037-31E

25X1A

TUKUMS GM ACTIVITY

[REDACTED]
56-58N 023-09E

25X1A

GROSS DOLLN SSM SUPPORT FACILITY

[REDACTED]
53-01N 013-27E

25X1A

BELAYA TSEKOV AIRFIELD

[REDACTED]
49-47N 030-01E

25X1A

ZHITOMIR/SKOMOROKHI AIRFIELD

[REDACTED]
50-10N 028-44E

25X1A

OSCHATZ MISSILE ACTIVITY

[REDACTED]
51-17N 013-07E

TOP SECRET

[REDACTED]

25X1A

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NOVE MESTO POD MISSILE ACTIVITY

25X1A

[REDACTED]
50-56N 015-15E

KRASNOZAVODSK, SUSPECT STATIC TEST FACILITY

25X1A

[REDACTED]
56-27N 038-12E

NOVOMOSKOVSK, POSSIBLE MISSILE TEST AREA

25X1A

[REDACTED]
48-38N 035-15E

VOTKINSK ARMS MCH AND STEEL PLANT 235

25X1A

[REDACTED]
57-03N 053-58E

IZHEVSK ARMS AND MCH EQUIPMENT PLANT 71 & 74

25X1A

[REDACTED]
56-50N 053-11E

UST KATAV MUNITIONS AND RR CAR PLANT NO 13

25X1A

[REDACTED]
54-56N 058-10E

25X1B

[REDACTED]

OBOZERSKAYA-VONGUDA RAIL SEARCH

25X1A

[REDACTED]
63-30N 040-20E

NADVORNAYA MISSILE-RELATED ACTIVITY

25X1A

[REDACTED]
48-35N 024-36E

LENINAKAN AREA, MISSILE DEPLOYMENT SEARCH

25X1A

[REDACTED]
40-48N 043-50E

25. THE FOLLOWING TARGETS WERE NOT COVERED BY THE PHOTOGRAPHY.

TALLINN MISSILE DEPLOYMENT SEARCH

25X1A

[REDACTED]
59-24N 024-44E

BRZEG COMPLEX

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25X1A

[Redacted]

50-51N 017-28E

SLAVYANKA GM ACTIVITY

25X1A

[Redacted]

42-51N 131-21E

MALAYA SAZANKA NATIONAL WEAPONS STOCKPILE SITE

25X1A

[Redacted]

51-15N 128-00E

USSURIYSK MISSILE DEPLOYMENT SEARCH

25X1A

[Redacted]

43-48N 131-57E

SUCHAN AREA SSM ACTIVITY

25X1A

[Redacted]

43-08N 133-08E

YEKATERINOVKA MISSILE DEPLOYMENT SEARCH

25X1A

[Redacted]

42-55N 133-03E

NOVOLITOVSK MISSILE DEPLOYMENT SEARCH

25X1A

[Redacted]

42-55N 132-48E

26. SUMMARY OF MISSILE LAUNCH FACILITIES OBSERVED

IRBM/MRBM (INCLUDING PROBABLES AND POSSIBLES)

OAK 9019 - PART 1 -- 5 AREAS, TOTAL OF 20 PADS

OAK 9019 - PART 2 -- 5 AREAS, TOTAL OF 20 PADS

OAK 9019 - PART 3 -- 0 AREAS, TOTAL OF 0 PADS

TOTAL -- 10 AREAS, TOTAL OF 40 PADS

FOR MAP SHOWING LOCATIONS OF LAUNCH AREAS, SEE ATTACHMENT 3.

SAM (INCLUDING PROBABLES AND POSSIBLES)

OAK 9019 - PART 1 -- 3 SITES

OAK 9019 - PART 2 -- 11 SITES

OAK 9019 - PART 3 -- 11 SITES

TOTAL -- 25 SITES

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[Redacted]

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-BOMBERS-

SUMMARY OF LARGE AND MEDIUM AIRCRAFT

A TOTAL OF 55 LARGE OR MEDIUM AIRCRAFT HAVE BEEN OBSERVED TO DATE ON PHOTOGRAPHY OF MISSION 9019, ALL AT SARATOV/ENGELS AIRFIELD (51-29N 046-13E; [Redacted])

25X1D

AIRCRAFT -- 35 BISON, 2 PROBABLE BISON, 16 PROBABLE BADGER, AND 2 LARGE UNIDENTIFIED AIRCRAFT.

25X2



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[Redacted]

25X1A

25X2

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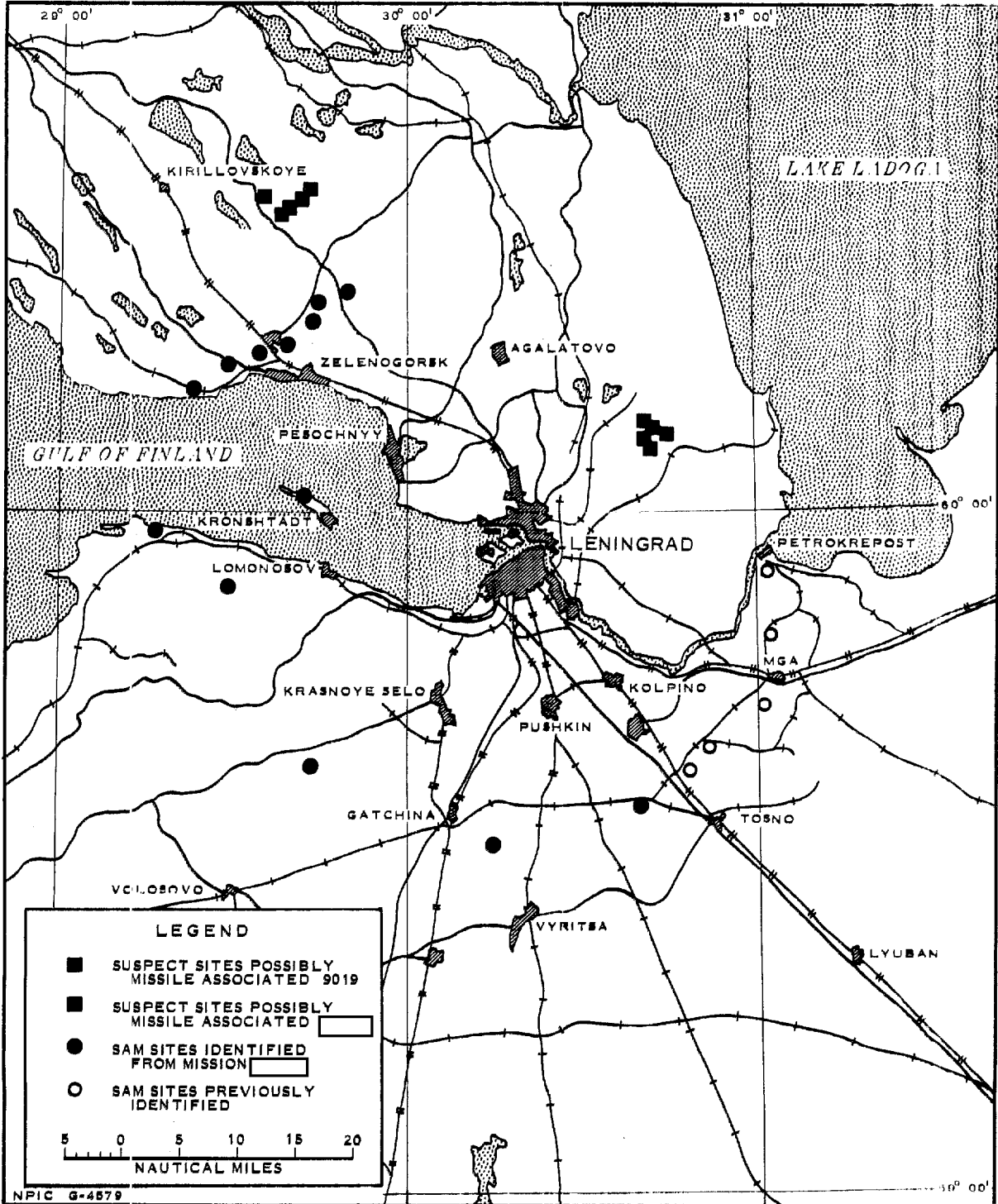
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Attachment 1



LOCATION OF SUSPECT SITES, POSSIBLY MISSILE ASSOCIATED, IN THE LENINGRAD COMPLEX.

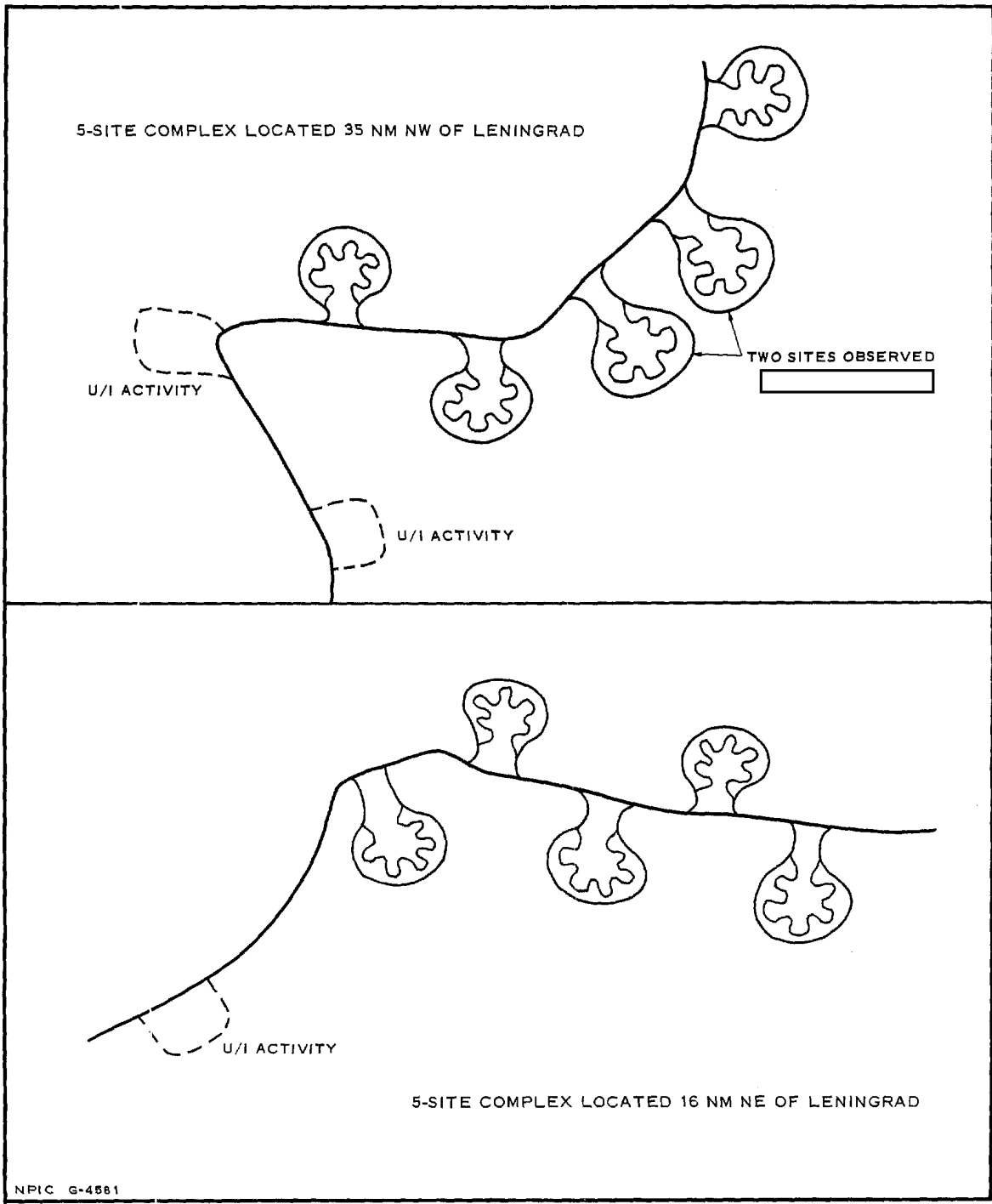
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Attachment 2



SUSPECT COMPLEXES, POSSIBLY MISSILE-ASSOCIATED, IN THE LENINGRAD AREA.

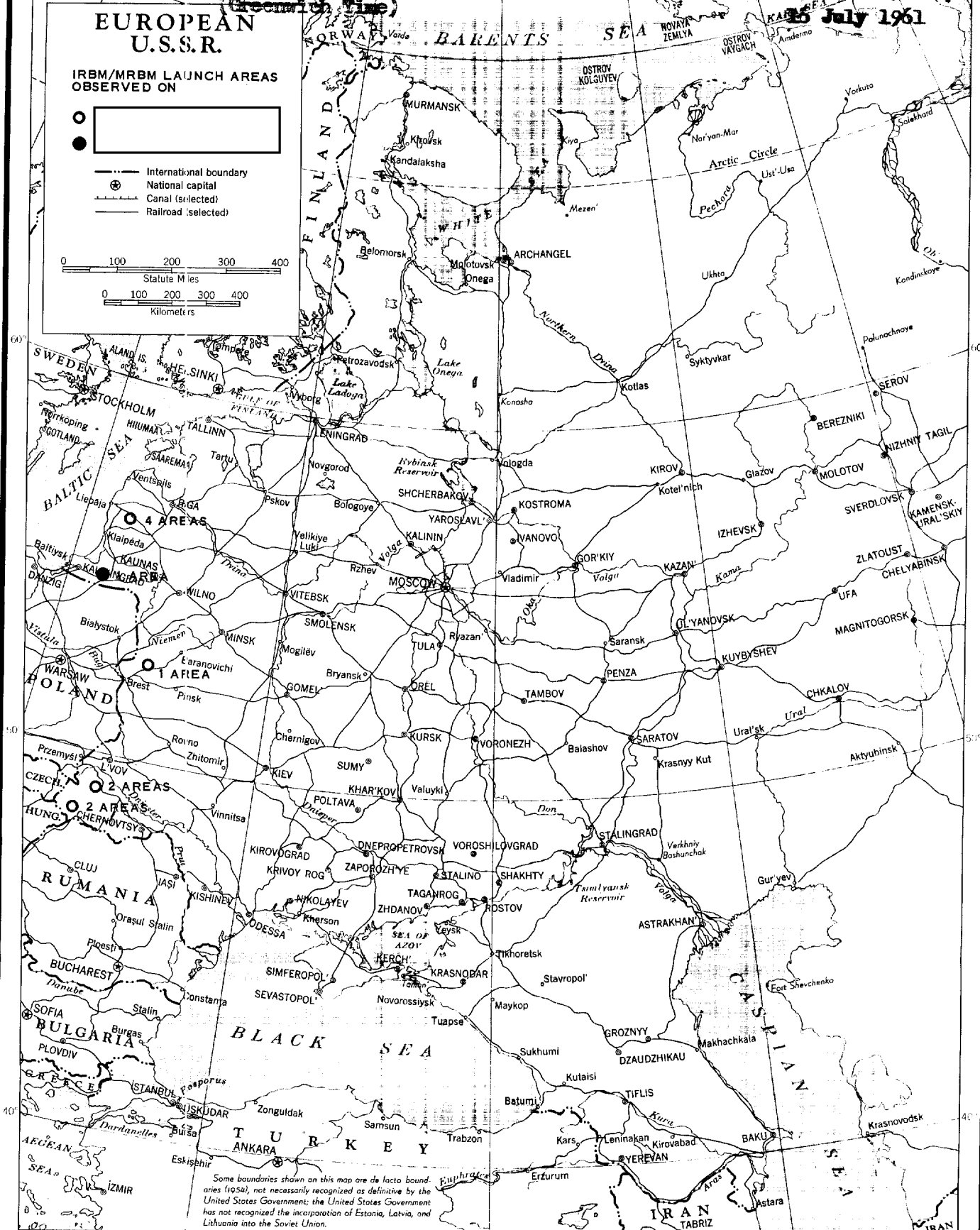
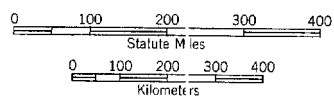
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EUROPEAN U.S.S.R.

IRBM/MRBM LAUNCH AREAS OBSERVED ON



- International boundary
- ⊕ National capital
- ⊕ Canal (selected)
- Railroad (selected)



Some boundaries shown on this map are de facto boundaries (1954), not necessarily recognized as definitive by the United States Government; the United States Government has not recognized the incorporation of Estonia, Latvia, and Lithuania into the Soviet Union.

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