

TOP SECRET

PHOTOGRAPHIC INTERPRETATION REPORT



**PROBABLE
MICROWAVE RELAY LINKS
OMSK, NOVOSIBIRSK
AND KRASNOYARSK
USSR**

Declass Review by NIMA/DOD

[Redacted]

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DECEMBER 1969

COPY 117

3 PAGES

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[Redacted]

GROUP 1: EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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INSTALLATION OR ACTIVITY NAME					COUNTRY	
Probable Microwave Relay Links, Omsk, Novosibirsk, and Krasnoyarsk, USSR					UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NUMBER	COMIREX NO.	NIETB NO.	
NA	See Below	See Below	See Below	None	See Below	
MAP REFERENCE						
USAF. Global Navigation Chart, Sheet 5-N, 4th ed, scale 1:5,000,000						
LATEST IMAGERY USED			NEGATION DATE (if required)			
See Below			NA			
			NIC PROJECT			
			250559			

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ABSTRACT

This report locates and describes 12 microwave facilities in a probable link between Omsk and Novosibirsk, and possibly extending east to Krasnoyarsk, USSR. The report contains a line drawing, photographs, and mensuration of these facilities.

INTRODUCTION

Available photography and intercept data indicate that a microwave relay line probably exists between Omsk and Novosibirsk, and possibly extends east to Krasnoyarsk, which is a terminal for a north-south R-600 line.¹ Twelve of 29 suspect locations have been confirmed on photography; nine of these facilities are between Omsk and Novosibirsk. The remaining three facilities are located between Novosibirsk and Krasnoyarsk (Figure 1).

The entire search area is covered by KH-4 photography of poor-to-fair interpretability. The cities of Omsk, Novosibirsk, and Krasnoyarsk are [redacted] Additional photography of higher resolution might permit identification of other suspect facilities in the search area.

BASIC DESCRIPTION

Four of the 12 facilities have been described in a previous report.² Each of the 12 facilities is secured by a fence, except those at Tatarsk and Omsk. A typical facility contains a self-supporting tower, a control building, and several support buildings. The Omsk TV/Microwave Facility and the Krasnoyarsk Probable TV/Microwave Facility both contain a transmitter building. The Kuybyshev, Tatarsk, and Krasnoyarsk facilities also contain guyed towers.

Details of the 12 facilities are listed below. The type, height, and orientation of the antennas cannot be determined due to lack of photography of suitable interpretability.

[redacted]

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2. Omsk Microwave Facility, East
54-57-56N 073-52-21E BE None

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[redacted]

3. Kalachinsk Microwave Facility
55-04-50N 074-36-10E BE None

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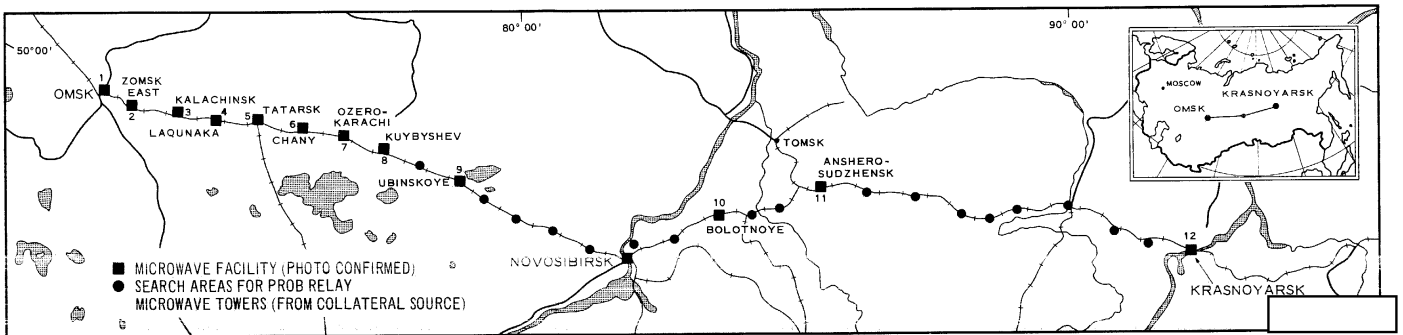
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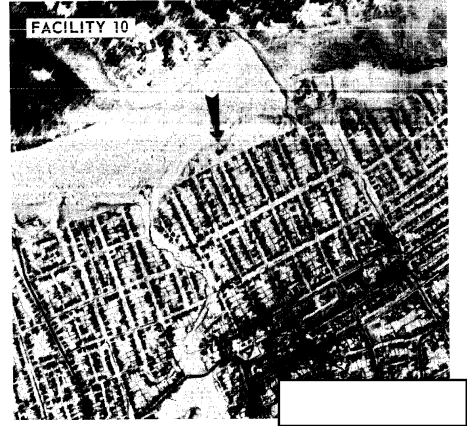
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Figure 1. Probable Microwave Relay Line between Omsk and Novosibirsk, and possibly Krasnoyarsk, USSR

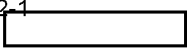
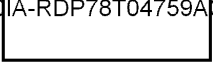
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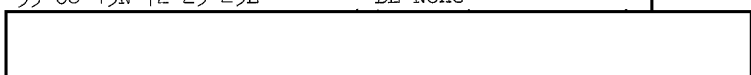


4. Lagunaka Microwave Facility
55-08-45N 72-25-25E BE None



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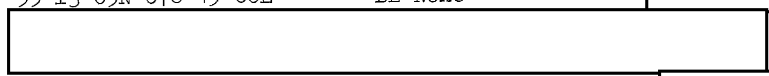
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6. Chany TV/Microwave Facility
55-13-05N 076-49-00E BE None

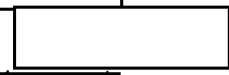


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7. Ozero-Karachi Microwave Facility
55-21-20N 076-58-10E BE None

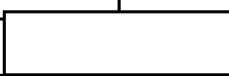


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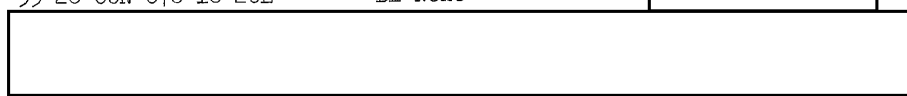
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8. Kuybyshev Microwave Facility
55-28-00N 078-18-20E BE None

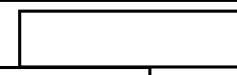


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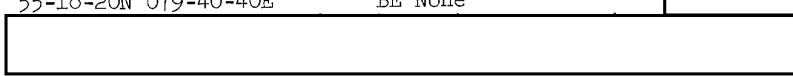


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9. Ubinskoye Microwave Facility
55-18-20N 079-40-40E BE None

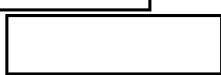


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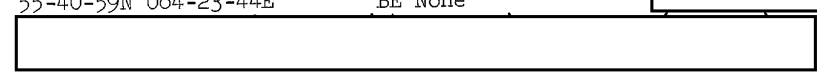


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10. Bolotnoye Microwave Facility
55-40-59N 084-23-44E BE None



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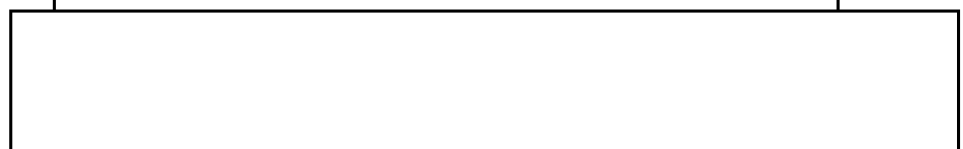
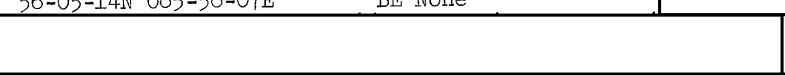
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11. Anzhero-Sudzhensk Microwave Facility
56-05-14N 085-58-07E BE None



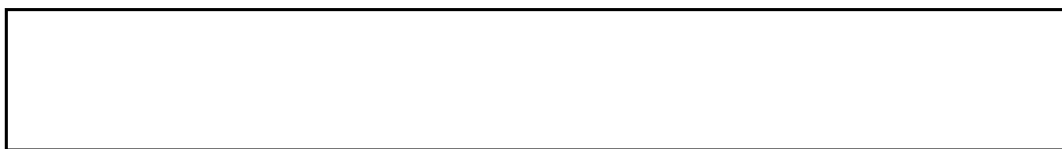
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REFERENCES



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MAPS

USAF. Global Navigation Chart, Sheet 5-N, 4th ed, scale 1:5,000,000

DOCUMENTS

1. NPIC. [Redacted] Yeniseysk-Krasnoyarsk Portion of a Soviet North-South Microwave Relay Link, Oct 68 (TOP SECRET [Redacted])

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2. NPIC. [Redacted] Omsk/Anzero-Sudzhensk Portion of a Soviet East-west microwave Relay Link, USSR, Jan 69 (TOP SECRET [Redacted])

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