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SC-06664/60

HR70-14

Joint Photographic Intelligence Report

APPROVED FOR RELEASEL DATE: 16-Jul-2011

LOCATION AND DESCRIPTION OF PROBABLE FLIM FLAM STATION NO 6

KHUTOR, USSR



ARMY



NAVY



CIA



NSA

PIC/JR-22/60 NOVEMBER 1960

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PREFACE

This joint report, based on communications and photographic intelligence, has been prepared by the Army, Navy, Central Intelligence Agency, and National Security Agency in answer to NSA Requirement and general requirements of the Army, Navy, and CIA.

SUMMARY

Correlation of evidence indicates that FLIM FLAM Station No 6 is probably the facility located at 53-05N 158-20E, 3.5 nautical miles (nm) south of Khutor and 12 nm west-northwest of Petropavlovsk, USSR (see Figure 1).

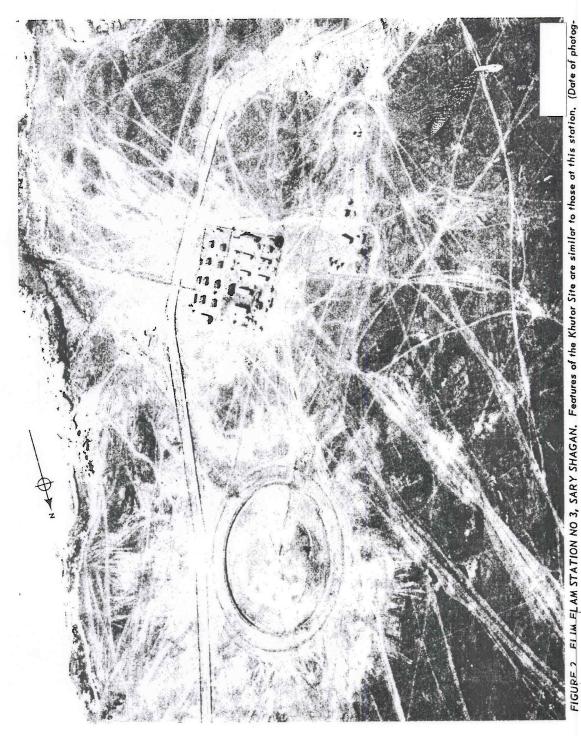
INTRODUCTION

Analysis of FLIM FLAM tracking data, combined with other evidence, indicates that FLIM FLAM Station No 6 is located in the vicinity of Khutor (53-06N 158-21E), approximately 13 nm north of Petropavlovsk, Kamchatka, USSR. 1/ This area is covered by photography. Photographic limitations preclude an independent identification of a FLIM FLAM station. However, there is excellent photography of FLIM FLAM Station No 3, near Sary Shagan, west of Lake Balkhash (see Figure 2). In comparing this photography with that of the Khutor area, a site was noted, at 53-05N 158-20E, near Khutor, which appears to have features similar to those at Station No 3. No other installation resembling Station No 3 was observed within a 15-nm radius of Khutor. A KRUG site, with its normal support area, is located within one nm of this site.

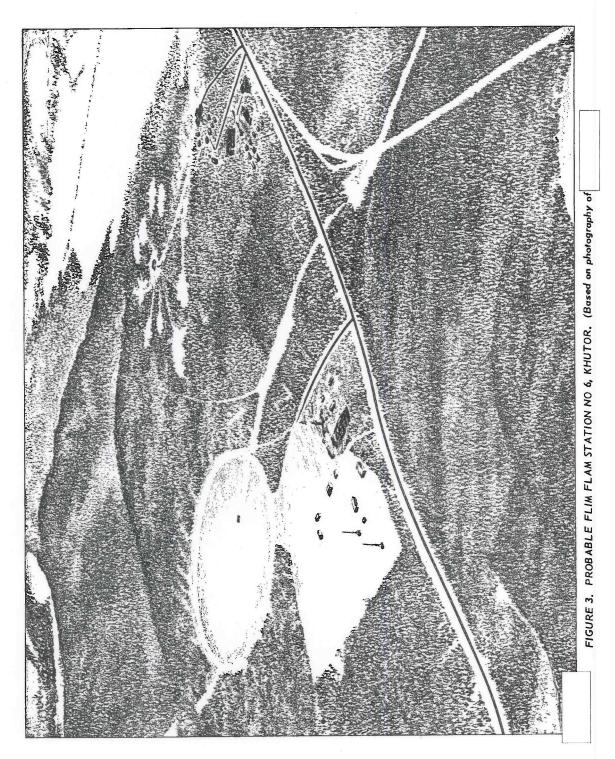
COMPARISON OF SARY SHAGAN AND KHUTOR SITES

The site at Station No 3 near Sary Shagan, which is labeled "Site A" in CIA/PIC/JR-16/60, contains a phase-measuring station, a probable instrumentation area, four receiving rhombic antennas, a control area, and a support area. $\underline{2}$ / The site near Khutor exhibits enough similarities to Site A to be considered probably as FLIM FLAM Station No 6 (see

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TABLE OF COMPARISONS BETWEEN SARY SHAGAN AND KHUTOR SITES

Features of Station No 3

Features of Probable Station No 6

Phase-measuring station
 Circular fence, 1,250' dia
 Circular road, 1,005' dia
 Off-center bunker, 70' x 45'
 Access road to bunker

Cruciform pattern

 Support, control, and probable instrumentation areas, 1,300' x 1,300' overall

Support area, 900' x 700' overall, 31 bldgs

Probable instrumentation area Circular mound, 450' dia

Circular pad (centered on mound), 90' dia

Control area Fence, 750' x 700'

3 bldgs Concrete pad, 40' dia

- 3. Communications
 - 4 rhombic antennas

Circular clearing

Clearing, approx. 1,150' dia Circular road, approx. 1,050' dia Off-center structure, 50' long Access road to structure Photography precludes identification

 Rectangular clearing, 1,400' x 1,250', overall

> Probable support area, 700' x 700' overall; photography precludes accurate bldg count Probable instrumentation area Photography precludes identification

Photography precludes identification

Probable Control area

Photography precludes identification 4-6 bldgs nearby Photography precludes identi-

fication
3. Probable Communications

8-10 clearings one mile N of rectangular area possibly containing rhombics

accompanying table). The site consists of a circular clearing in the woods and an adjacent rectangular clearing (see Figure 3). The circular clearing has approximately the same diameter as the fence enclosing the phase-measuring station at the Sary Shagan FLIM FLAM station. Other features which can be identified within the circular clearing correspond in size and layout with features at the Sary Shagan station. These consist of a circular road and an off-center structure with an access road.

The rectangular clearing is approximately 1,400 by 1,250 feet. It contains four to six buildings, at least two probable towers or masts, and a probable support area. The clearing is large enough to contain the support area, control area, and probable instrumentation area at Sary Shagan. Although there is no evidence of the presence of rhombic antennas within the rectangular clearing, a probable antenna farm, approximately one nm

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to the north, contains a probable control building surrounded by a ring of clearings which may be occupied by eight to ten antennas. These clearings resemble those observed in other areas on better-quality photography which were occupied by rhombic antennas. The close proximity of this probable antenna farm suggests that it may be utilized by the probable FLIM FLAM station.

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