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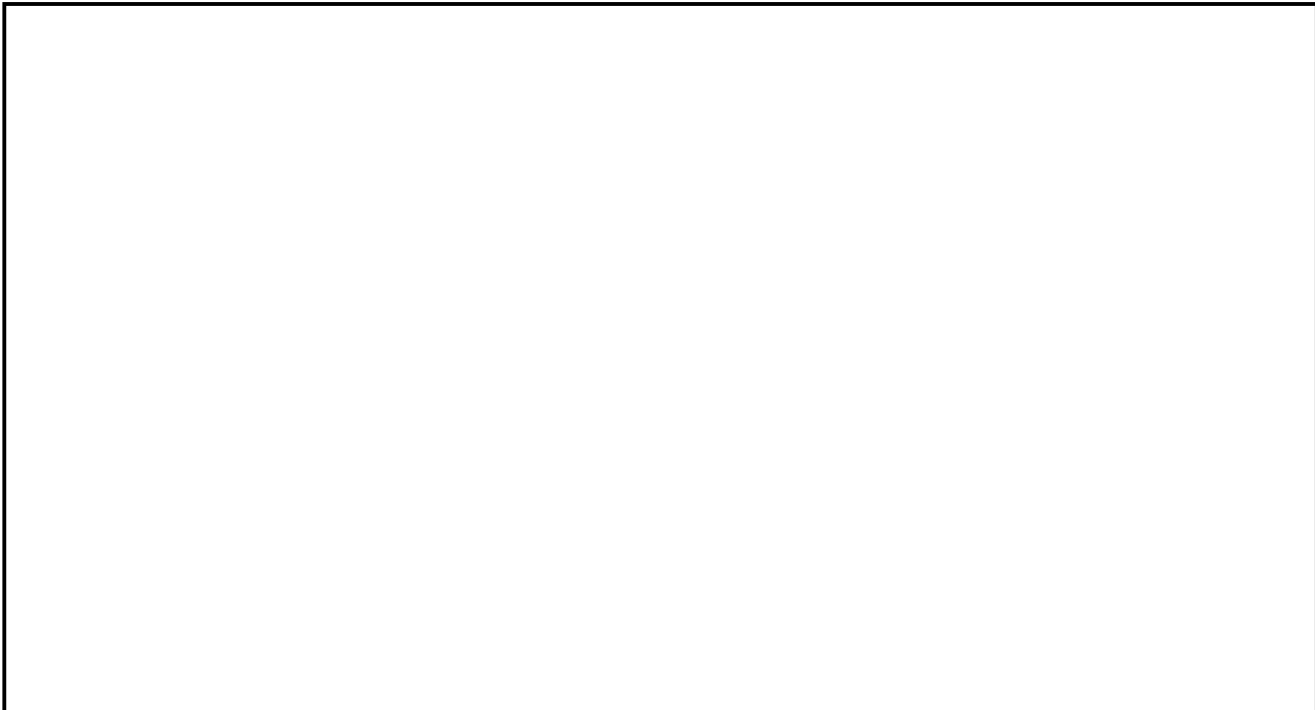
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ESV TRACKING FACILITY

KHUTOR, USSR

- 1. SIGNIFICANCE: IDENTIFICATION OF 3 NEW PARABOLIC DISHES AND MORE ACCURATE MENSURATION OF SEVERAL OTHERS.
- 2. REMARKS: THE KHUTOR ESV TRACKING FACILITY CONSISTS OF STATIONS "A" AND "B", A MAIN HOUSING/SUPPORT AREA, 2 HF COMMUNICATIONS FACILITIES, AN ASSOCIATED KRUG ANTENNA FACILITY, AND AN ASSOCIATED INTERFEROMETER SITE.
- 3. LOCATION: ON KAMCHATKA PENINSULA, 4.5 NM SW OF KHUTOR.



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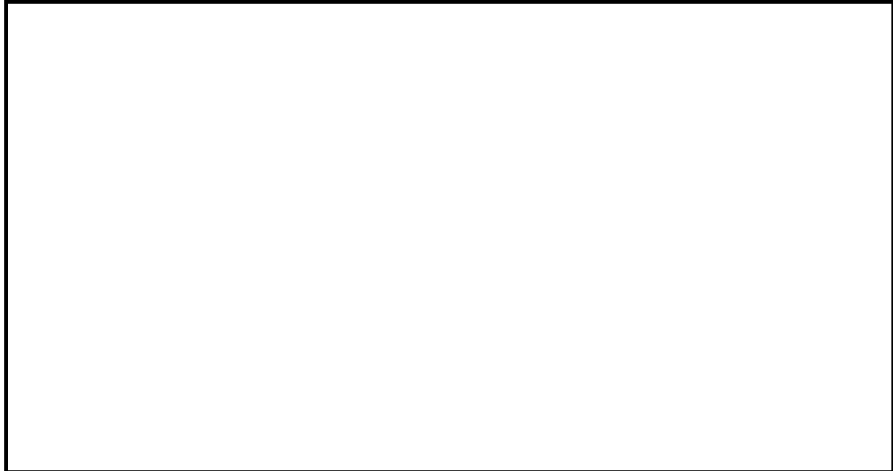
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5. FIRST IDENTIFICATION:



6. NEGATION DATE:

NONE AVAILABLE.

7. SUBSEQUENT COVERAGE:

7 KH-4 AND 3 KH-7 MISSIONS.

8. DIMENSIONS/
SPECIFICATIONS:

STATION A:

ENVIRONMENTAL DOME COVERING: 50 FT

PROBABLE ENVIRONMENTAL DOME BASE RING: 50 FT

STATION B:

2 LARGER PARABOLIC DISHES: 50 FT DIAMETER, MOUNTED
ON 100 FT X 100 FT BUILDINGS.

2 SMALLER PARABOLIC DISHES: APPROX 20 FT DIAMETER

9. MISSION READOUT:

AREA "A", THE SOUTHERNMOST OPERATIONS AREA, IS A TYPE
"A" ESV TRACKING STATION AND CONTAINS THE FOLLOWING ANTENNAS OR ANTENNA
POSITIONS: 1 BUILDING-MOUNTED ANTENNA WITH AN ENVIRONMENTAL DOME COVER-

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ING; 1 BUILDING-MOUNTED UNIDENTIFIED ANTENNA WITH A PROBABLE ENVIRONMENTAL DOME BASE RING; 1 ROOF-MOUNTED POSSIBLE VHF ANTENNA; A PROBABLE TELEMETRY ARRAY; AND ONE 3-SECTION PROBABLE TROPOSCATTER/TELEMETRY ARRAY. THE SUPPORT BUILDINGS, TOWERS, INTERFEROMETER AND KRUG FACILITY REMAIN AS REPORTED

[REDACTED] AREA "B", THE NORTHERNMOST OPERATIONS AREA, IS A TYPE "B" ESV

TRACKING FACILITY CONTAINING THE FOLLOWING ANTENNAS: 2 BUILDING-MOUNTED PARABOLIC DISHES WITH A PROBABLE ENVIRONMENTAL DOME RING BASE; 2 SMALLER PARABOLIC DISHES TO THE NORTH OF EACH OF THE LARGER DISHES; AND 2 PROBABLE TELEMETRY ARRAYS IN THE NORTHERN PART OF THE AREA. THERE IS NO SIGNIFICANT CHANGE SINCE [REDACTED] IN THE SUPPORT BUILDINGS AT STATION "B" OR AT THE MAIN HOUSING/SUPPORT AREA AND HF COMMUNICATIONS FACILITY BETWEEN STATIONS "A" AND "B".

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25X

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

AREA A

ESV TRACKING FACILITY, KHUTOR, USSR
53-06N 158-20E

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ESV TRACKING STATION (TYPE A)
SIMFEROPOL, USSR

PROB TROPOSCATTER/
TELEMETRY ARRAY

PROB TELEMETRY ARRAY

ESV TRACKING ANTENNAS

50' DOME

STATION A

POSS VHF ANTENNA

70X ENLARGEMENT

FEET METERS

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**ESV TRACKING FACILITY
KHUTOR, USSR
53-06N 158-20E**



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20X ENLARGEMENT

FEET APPROX.

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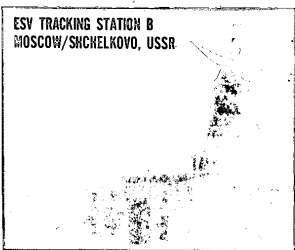
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AREA B

ESV TRACKING FACILITY, KHUTOR, USSR 53-06N 158-20E



PROB TELEMETRY ARRAYS

PARABOLIC DISH APPROX 50' DIAMETER

PROB ENVIRONMENTAL DOME BASE RING

PROB ENVIRONMENTAL DOME BASE RING

STATION B

DISH APPROX 20' DIAMETER

BOX ENLARGEMENT

FEET APPROX

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CIA/B
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