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Attachment to NPIC L-3803(8/67)

18 August 1967

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REFERENCE TO:

RADAR AND COASTAL DEFENSE SITES
NAN-CHIU SHAN, CHINA

1. SIGNIFICANCE:

FIRST IDENTIFICATION OF A PROBABLE CROSS
LEGS RADAR AND 2 ADDITIONAL COASTAL
DEFENSE SITES AT NAN-CHIU SHAN (ISLAND).

2. LOCATION:

NAN-CHIU SHAN IS LOCATED IN THE EAST CHINA
SEA APPROXIMATELY 20 NM EAST OF THE MAIN-
LAND AT 2925N 12211E.

A RADAR SITE IS LOCATED ON THE SOUTHERN END
OF THE ISLAND AT 29-25-10N 122-10-55E.

A PROBABLE RADAR SITE IS LOCATED IN THE
SOUTH CENTRAL SECTION OF THE ISLAND AT
29-25-10N 122-26-25E.

FOUR COASTAL DEFENSE SITES:

A. SOUTHEAST END OF ISLAND AT 29-25-09N
122-11-24E.

NGA review(s) completed.

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B. NORTHERN END OF ISLAND AT 29-26-03N

122-13-00E.

C. NORTHWESTERN END OF ISLAND AT 29-26-25N

122-11-40E.

D. EASTERN END OF ISLAND AT 29-25-35N

122-12-03E.

3. REMARKS:

CROSS LEGS RADAR IS AN EARLY WARNING RADAR OPERATING IN THE L-BAND IMMEDIATELY BELOW 1300 MEGAHERTZ. ALTHOUGH THE PRIMARY FUNCTION OF THIS RADAR IS EARLY WARNING IT COULD POSSIBLY BE USED FOR GROUND CONTROLLED INTERCEPT. ESTIMATES OF THE CAPABILITY OF CROSS LEGS INDICATE THAT IN THE EARLY WARNING ROLE THE MAXIMUM UNAMBIGUOUS RANGE IS 400 NM WHILE OPERATING IN THE LOWER PRF (PULSE REPETITION FREQUENCY) MODE, AND 130 NM WHILE OPERATING AT THE HIGHER PRF.

MOON FACE RADAR, IS A CHICOM VARIANT OF THE US WORLD WAR II VINTAGE SCR-270 DA EARLY WARNING RADAR. MOON FACE SIGNALS WERE FORMERLY IDENTIFIED BY THE INDICATOR BE 04.

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PHYSICALLY, MOON FACE DIFFERS FROM THE
SCR-270 DA ONLY IN THAT ITS MATTRESS-TYPE
ANTENNA CONSISTS OF SIX ROWS OF EIGHT DIPOLES,
RATHER THAN THE NORMAL FOUR ROWS OF EIGHT
DIPOLES.

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5. FIRST IDENTIFICATION:

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6. NEGATION DATE:

NONE

7. SUBSEQUENT COVERAGE:

AND 2 KH-4 MISSIONS.

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8. DIMENSIONS/SPECIFICATIONS: NONE9. MISSION READOUT:

FOUR COASTAL DEFENSE ARTILLERY SITES AND 2

RADAR SITES ARE LOCATED ON NAN-CHIU SHAN. THE COASTAL DEFENSE SITE
LOCATED ON THE SOUTHEASTERN END OF THE ISLAND AT 29-25-09N 122-11-24E
CONSISTS OF 5 POSITIONS (3 WITH CAVE ENTRANCES) AND 3 SUPPORT BUILDINGS.
THE COASTAL DEFENSE SITE LOCATED ON THE NORTHERN END OF THE ISLAND AT

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29-26-03N 123-13-00E CONSISTS OF 4 POSITIONS (2 OCCUPIED) EACH WITH A CAVE ENTRANCE AND 13 SUPPORT BUILDINGS. THE COASTAL DEFENSE SITE LOCATED ON THE NORTHWESTERN SIDE OF THE ISLAND AT 29-26-25N 122-11-40E CONSISTS OF 4 POSITIONS EACH WITH A CAVE ENTRANCE AT THE REAR. THE COASTAL DEFENSE SITE LOCATED ON THE EASTERN SIDE OF THE ISLAND AT 29-25-35N 122-12-03E, CONSISTS OF 2 OCCUPIED POSITIONS.

THE RADAR SITE LOCATED ON THE SOUTHERN END OF THE ISLAND AT 29-25-10N 122-10-55E CONSISTS OF ONE MOON FACE RADAR AND ONE CONTROL/SUPPORT BUILDING. THE PROBABLE RADAR SITE LOCATED IN THE SOUTH CENTRAL SECTION OF THE ISLAND AT 29-25-10N 122-26-25E CONSISTS OF ONE PROBABLE CROSS LEGS RADAR AND ONE CONTROL/SUPPORT BUILDING. NUMEROUS CAVE ENTRANCES ARE LOCATED ALONG THE WESTERN EDGE OF THE ISLAND. NO MISSILES OR MISSILE - RELATED ACTIVITY IS OBSERVED.

OB: 4 FA PIECES.



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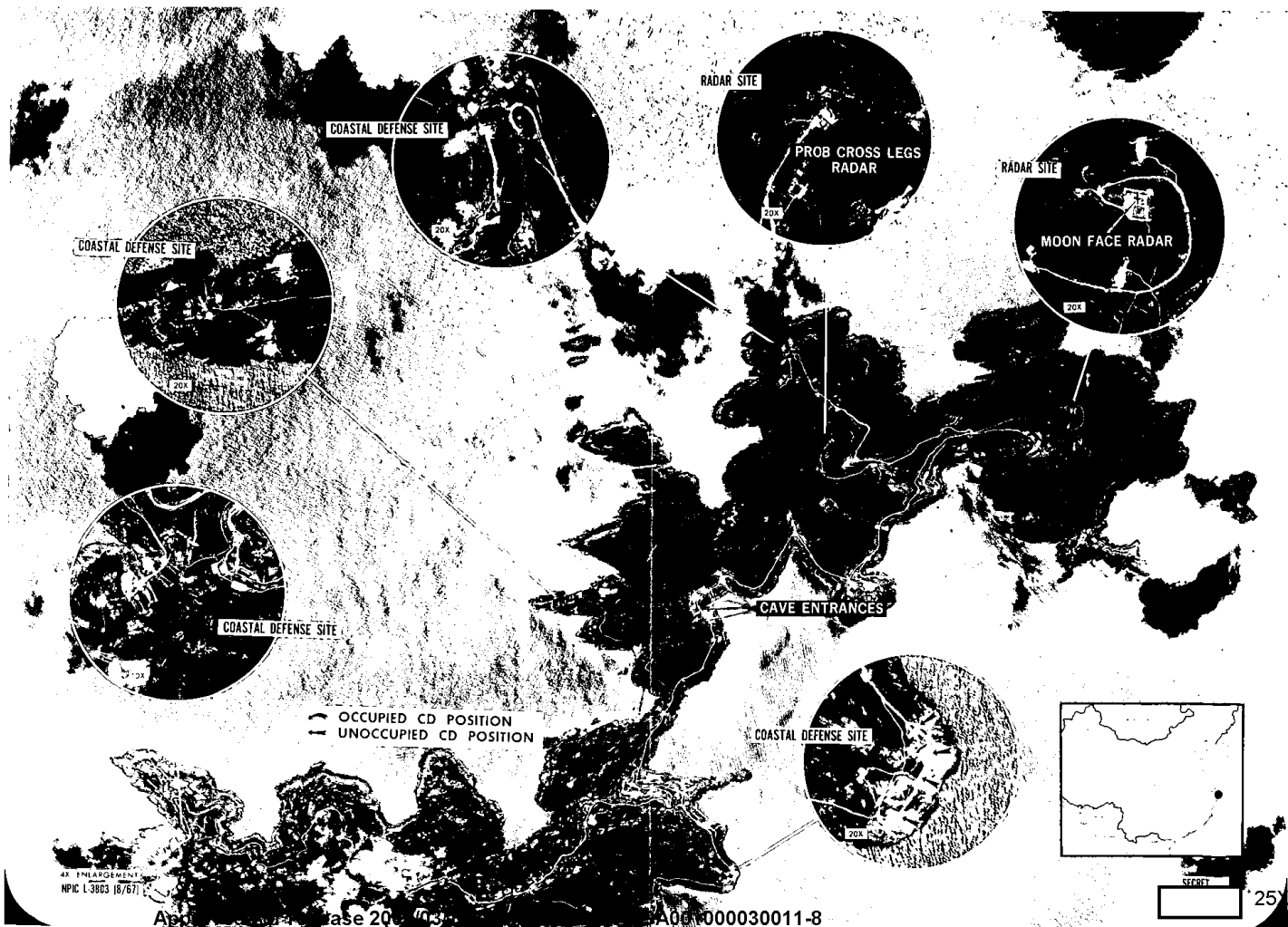
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RADAR AND COASTAL DEFENSE SITES

NAN CHIU SHAN, CHINA

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29-25N 122-11E



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