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imagery analysis report

Command and Control High-Frequency Communications Facilities in Chengdu MR, China (S)

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COMMAND AND CONTROL HIGH-FREQUENCY COMMUNICATIONS FACILITIES IN CHENGDU MR, CHINA (S)

ABSTRACT

1. (S/D) This report describes three communications facilities in the Chengdu Military Region (MR) of China. A map, tabular descriptions of the facilities, and three photographs are included in this report.

INTRODUCTION

2. (S/D) The facilities described in this report are among the largest and most elaborate high-frequency (HF) communications facilities identified to date in the Chengdu MR. Each of these facilities is in the vicinity of the city of Chengdu and probably has a command and control function.

BASIC DESCRIPTION

3. (S/D) Three large HF communications facilities are within 35 nautical miles (nm) of Chengdu (Figure 1). Two of these facilities, Zhongxinzhen Radio Communications (Radcom) Transmitter Station Northwest Figure 2) and Chengdu Radcom Station Southwest Figure 3), constitute the primary receiving and transmitting facilities in the region. These facilities are approximately 10 nm southwest of Chengdu. The remaining facility, Qionglai HF Radcom Station Figure 4), is at the western edge of the Sichuan Basin southwest of Chengdu and is possibly a secondary/backup transmitting/receiving station.

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4. Detailed analysis revealed sufficient evidence that identified the two primary facilities as the primary command and control facilities for the Chengdu MR. This identification was made on the basis of the location and size of the facilities and the antenna azimuths. The mere proximity of these facilities to the Chengdu MR Headquarters, which has been reported by the open press as in the city of Chengdu, suggests that they perform a command and control function

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Eleven of the 36 antennas at these primary facilities are aligned toward Beijing. Several other antennas appear to be aligned toward GSD-subordinate communications facilities at Duyun (26-16N 107-31E), Kunming MR; Xiangfan (32-03N 112-05E), Wuhan MR; and Xian (34-16N 108-54E), Lanzhou MR.*

5. (S/D) The remaining HF communications facility, Qionglai HF Radcom Station, is 31 nm southwest of the primary facilities and could be an alternate communications facility. It has only recently been built. Construction was in the early stages in August 1978 and was still incomplete in October 1979. There are an undetermined number of stick-mast antennas present whose relationship to each other cannot be determined because of poor quality imagery. This facility may have a receiving capability, but the poor quality imagery acquired to date again precludes an accurate analysis.

*Assistance furnished by

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REFERENCES

IMAGERY

(S/D) All applicable imagery acquired between was used in the preparation of this report.

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MAPS OR CHARTS

DMA. US Air Target Chart, Series 200, Sheet EC0495-7HL, 4th ed, Nov 73, scale 1:200,000 (SECRET/

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(S) Comments and queries regarding this report are welcome. They may be directed to Forces Division, Imagery Exploitation Group,

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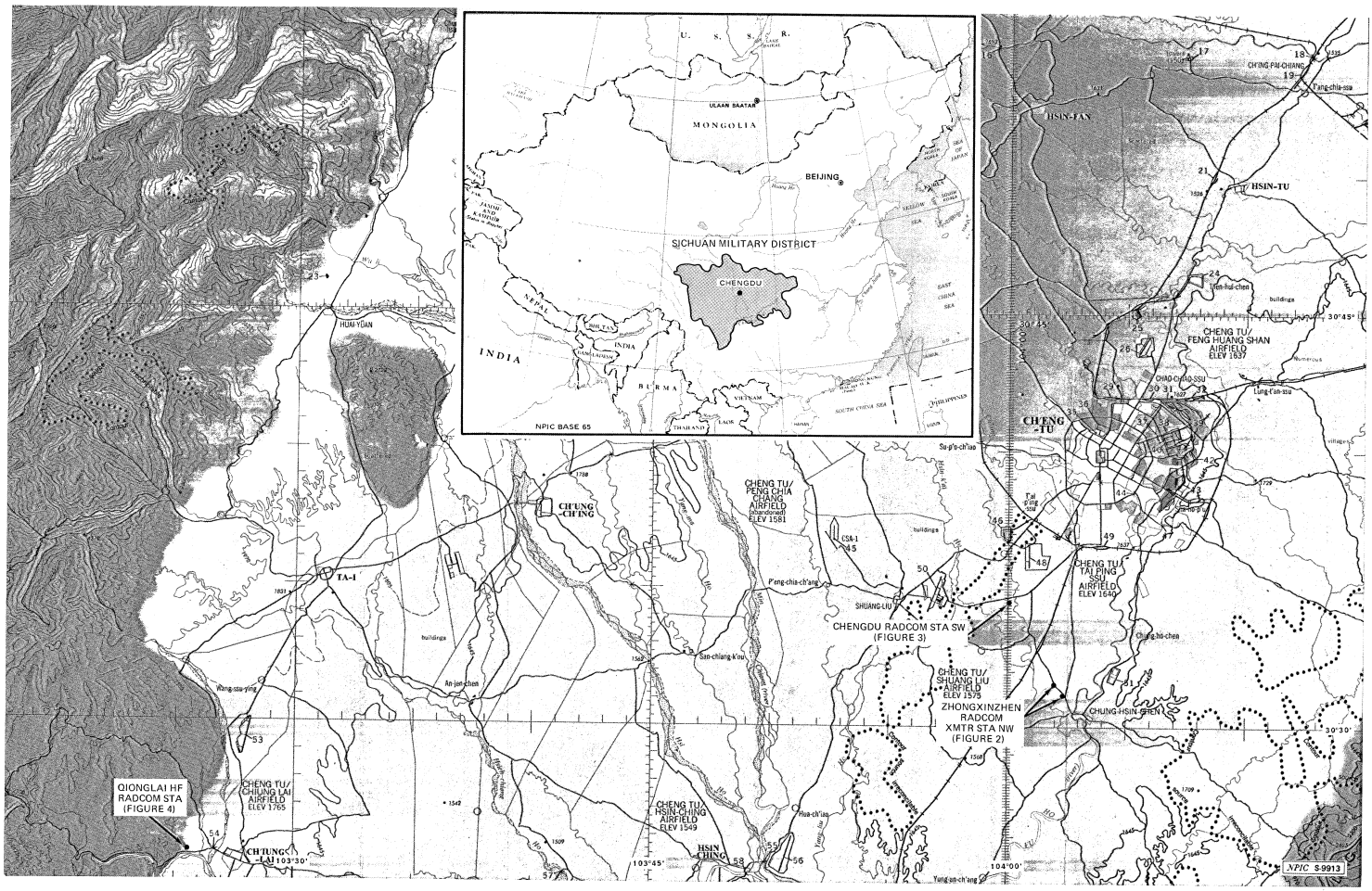

FIGURE 1. HF COMMUNICATIONS FACILITIES, CHENGDU MR, CHINA

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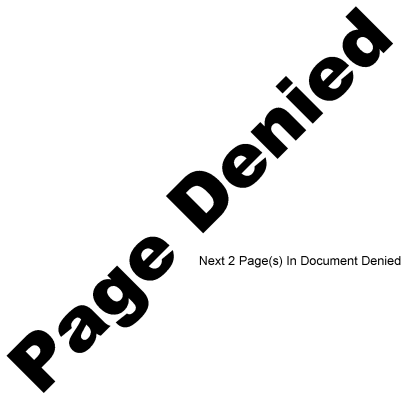

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