



International Civil Aviation Organization

**Third Meeting of the Bay of Bengal Reduced Horizontal Separation
Implementation Task Force (BOB-RHS/TF/3)**

Singapore, 18 – 21 May 2010

Agenda Item 3: Operational Issues

SSR RADAR AND VHF COMMUNICATIONS COVERAGE WITHIN THE BANGKOK FIR

(Presented by Thailand)

SUMMARY

This information paper presents current Secondary Surveillance Radar (SSR) and VHF communications coverage within the Bangkok FIR.

1. INTRODUCTION

1.1 The meeting would recall the Bay of Bengal Reduced Horizontal Separation Implementation Task Force's Term of Reference, which specifies the objective of implementing reduced horizontal separation based on ICAO RNAV 10 (RNP 10) and RNP 4 PBN navigation specifications within the Bay of Bengal area and the Oceanic area of the Mumbai FIR.

1.2 Since implementation of ICAO RNAV 10 (RNP 10) and RNP 4 PBN navigation specifications would require some form of Direct Controller-Pilot Communications (DCPC) when 50-nm separation is implemented, it would be useful to collate the information related to SSR radar coverage and VHF communications coverage.

2. DISCUSSIONS

2.1 The meeting is invited to note the SSR radar coverage in Figure 1. This coverage chart includes coverage from the new Hat Yai SSR radar site which is scheduled to be flight tested in June 2010. If test results prove positive, it is expected to have full operational status in October 2010.

2.2 The meeting is also invited to note that the current VHF communications coverage at FL250 is shown in Figure 2.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note SSR radar and VHF communications coverage within the Bangkok FIR.

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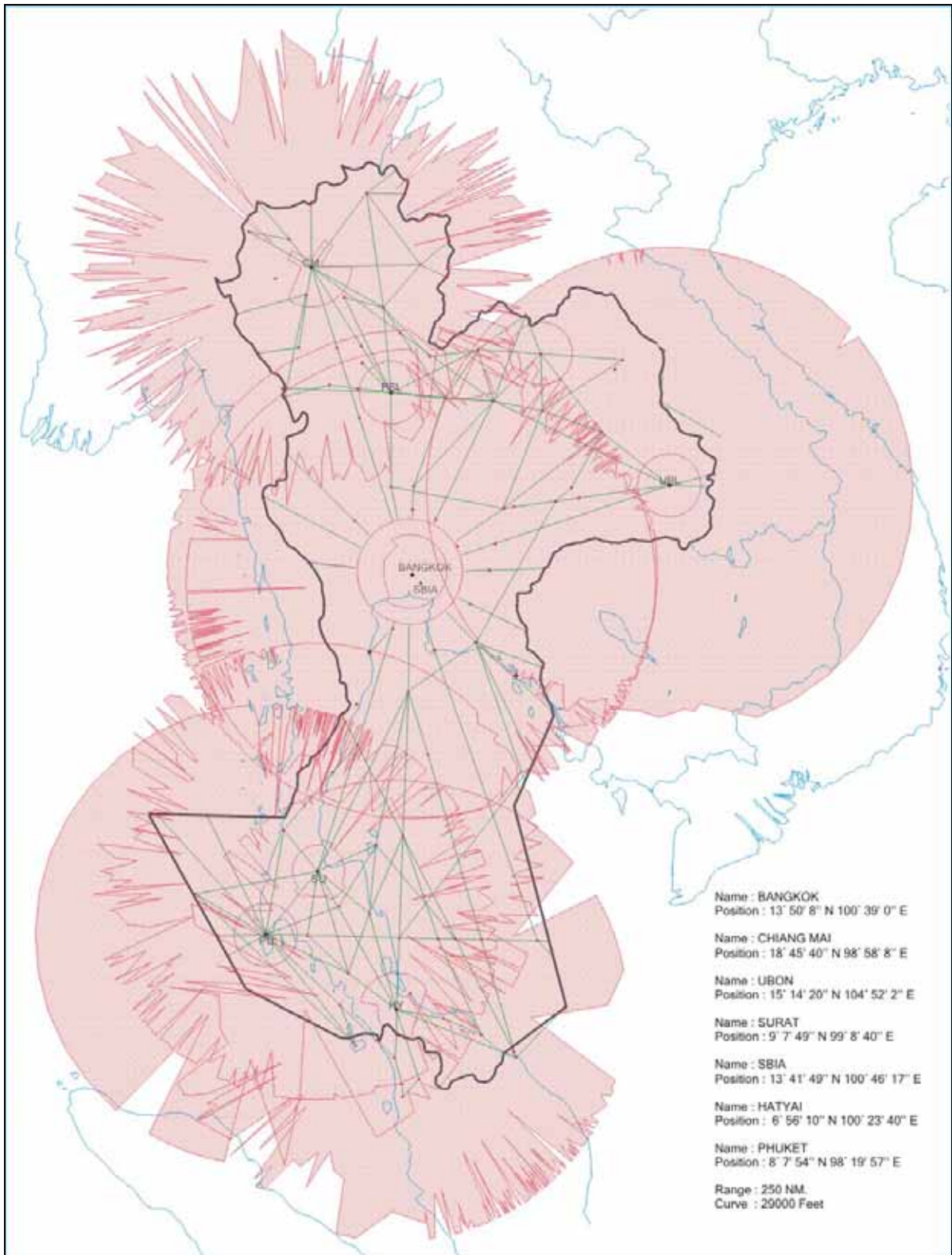


Figure 1: SSR Radar Coverage within the Bangkok FIR at FL290

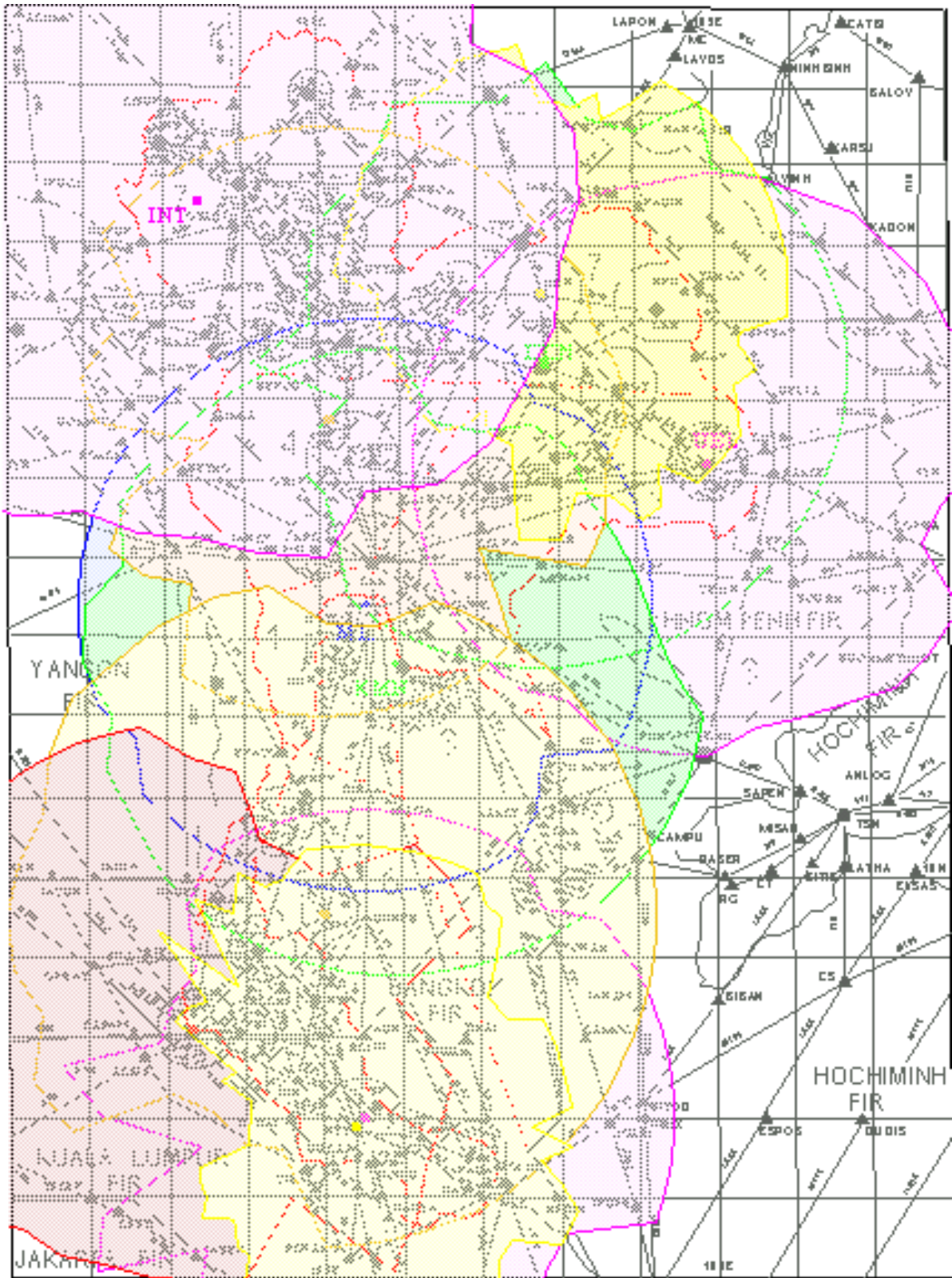


Figure 2: VHF Communications Coverage within the Bangkok FIR at FL250