



*International Civil Aviation Organization*

**The Sixth Meeting of the Bay of Bengal Reduced Horizontal Separation Implementation Task Force (BOB-RHS/TF/6) and the First Meeting of the South Asia/Indian Ocean ATM Coordination Group (SAIOACG/1)**

Bangkok, Thailand, 19 – 23 September 2011

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**Agenda Item 3: Operational Issues**

**VHF COMMUNICATION CAPABILITY MONITORING WITHIN JAKARTA AIRSPACE TO SUPPORT THE IMPLEMENTATION OF RHS 50 NM AT BAY OF BENGAL**

(Presented by Indonesia)

**SUMMARY**

This paper describes the information about the VHF communication capability in Jakarta airspace supporting the implementation of Reduced Horizontal Separation (RHS) 50 NM in second phase at Bay of Bengal.

**1. Introduction**

1.1 The fifth meeting of the Bay of Bengal conducted on 7 to 11 February 2011 has recommended that the evaluation of the supporting data in preparation the implementation of RHS 50 Nm Bay of Bengal should be monitored.

1.2 The essential component is that VHF communication on frequency 128.3 MHz is a part item which services four routes P570, M300, N563 and P574 as BOB RHS 50 NM implementation plan in the second phase specifically in Jakarta airspace.

**2. Discussion**

2.1 PT. Angkasa Pura II (Persero) has evaluated the VHF communication capabilities serving the four routes in connecting Bay of Bengal area.

2.2 The frequency 128.3 MHz has been monitored within six month starting from march to august 2011, which is the detail report as follows;

NO	MONTH	CAPABILITY (%)	CONTRIBUTION FACTORS	REMARK
1	March	99.9 %	Unserviceable	
2	April	99.8 %	Earthquake	
3	May	99.9 %	TX and RX shutdown	

NO	MONTH	CAPABILITY (%)	CONTRIBUTION FACTORS	REMARK
4	June	98.3 %	Unserviceable	
5	July	99 %	Limited coverage	
6	August	99.6 %	Very weak	

2.3 As reported above, some different reasons have contributed the frequency capability operating in Jakarta airspace.

2.4 This frequency is the main device serving the route of P570, M300, N563 and P574 used by ATCO in Jakarta.

### **3. Action by meeting**

3.1 The meeting is invited to review and discuss such frequency performance and take note of the information provided in this paper in order to support the second phase implementation of BOB RHS 50 Nm.

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