



*International Civil Aviation Organization*

**The Fourth Meeting of the Bay of Bengal Reduced Horizontal Separation  
Implementation Task Force (BOB-RHS/TF/4)**

Bangkok, Thailand, 18 to 22 October 2010

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**Agenda Item 7: Preparation of BOB-RHS/TF Task List**

**UPDATE BOB-RHS/TF TASK LIST**

(Presented by the Secretariat)

**SUMMARY**

This paper provides the BOB-RHS/TF Task List for review and update by the meeting.

**1. INTRODUCTION**

1 This working paper provides a draft task list to improve en-route airspace efficiency in the Bay of Bengal area on RNP 10 and RNP 4 PBN navigation specifications.

1.1 The BOB-RHS/TF Task List was last updated during the BOB-RHS/TF/3 Meeting (Bangkok, 18-21 May 2010).

**2. DISCUSSION**

2.1 The Task List is included as an attachment to this paper.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to review and update the BOB-RHS/TF Task List.

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TASK LIST

SN	Activity	Start Date	Completion Date	Present Status	Group Responsible
<b>Identify Operational Need</b>					
1	Agree that an operational needs for a 50 NM horizontal separation in the Bay of Bengal and Oceanic Area of the Mumbai FIR	November 2009	November 2009	Agreed	All delegates at the BOB-RHS/TF/1
<b>Safety Assessment</b>					
2	Appointment of a Bay of Bengal and Mumbai Enroute Monitoring Agency	November 2009	October 2010 (BOB-RHS/TF/4)	Ongoing	India has accepted the responsibility to establish an EMA. Until formally endorsed by RASMAG, India will continue to coordinate with SEASMA (CAAS)
3	States to continue to collect and provide traffic data	1 July 2010	December 2010	Ongoing	States
4	States to provide additional data as required by the EMA	1 July 2010	December 2010	Ongoing	States
5	Examine history of navigational errors and assess possible impact on safety	1 July 2010		Ongoing	States/EMA
6	Confirm collision risk model assumptions/parameters are consistent with airspace where the 50 NM horizontal separation is to be applied	October 2010	October 2010 (BOB-RHS/TF/4)	Ongoing	India/States - part of safety assessment
7	Report monthly navigational errors (including operational errors)	1 July 2010	October 2010 (BOB-RHS/TF/4)	Agreed by BOB-RHS/TF/3 to collect data	States/EMA
<b>Feasibility Analysis</b>					
8	Examine the operational factors and workload associated with the 50 NM longitudinal separation implementation in BOB/Mumbai FIRs	February 2010		To be completed by completion of Phase 1	EMA/States
9	Complete feasibility analysis on the 50NM longitudinal separation implementation on N571, P628 (and possibly P762)	May 2010	October 2010 (BOB-RHS/TF/4)	Lateral/longitudinal requires attention	EMA/States
<b>Determination of Requirements (airborne &amp; ground systems)</b>					
10	States assess the impact of the 50 NM longitudinal separation implementation on controller automation systems and plan for upgrades/modifications	November 2009	October 2010 for Phase 1 June 2011 for Phase 2		States
<b>Perform Necessary Industry &amp; International Co-ordination</b>					
11	Establish target implementation date on the 50NM horizontal separation on N571, P628 (and possibly P762)	May 2010	January 2011	15 January 2011	States
12	Report to ATM/AIS/SAR/SG	November 2009	July 2010		ICAO
13	States to coordinate with Boeing Lab for bench testing ADS/CPDLC system and ADS/CPDLC data collection and problem report to Boeing Lab	November 2009		Ongoing	Boeing/States
14	States to report the status and updates on ADS/CPDLC system and personnel training programme	October 2010	January 2011 for Phase I	Ongoing	States

TASK LIST

SN	Activity	Start Date	Completion Date	Present Status	Group Responsible
15	Prepare and submit draft amendment proposal to amend Doc 7030	May 2010	1-Jun-11		BOB-RHS/TF
16	Assess need to publish AIP Amendment/Supplement/NOTAM containing the 50 NM longitudinal separation policy/procedures	December 2010	October 2010		BOB-RHS/TF
17	Review inter-facility coordination procedures	December 2010	October 2010	Revised present LOA between States	States
18	Finalize changes to Letters of Agreement	December 2010	December 2010 for Phase 1		States
<b>Approval of Aircraft &amp; Operators</b>					
19	Establish approved operations readiness targets	BOB-RHS/TF/2		Ongoing	
20	Assess operator readiness	BOB-RHS/TF/2		Ongoing	
<b>Develop ATC Procedures</b>					
21	States to develop procedures for handling non-compliant aircraft in ATS documentation due to equipment failures in their ATS documentations	October 2010	January 2011	Singapore will share their procedures	States
<b>ATC Training</b>					
22	Complete training for air traffic controllers on the application of 50 NM horizontal separation	October 2010	30 December 2011 (Phase 1)	Ongoing	States
23	Collect weather and turbulence data for analysis and provide to EMA for safety assessment and monitoring analysis	Jul-10	December 2010 for Phase 1		States/EMA
<b>Complete Safety Assessment</b>					
24	Review and accept safety assessment	October 2010	October 2010		BOB-RHS/TF/4
<b>Final Implementation Decision</b>					
25	Go/No-Go Decision	October 2010	October 2010		BOB-RHS/TF/4
26	Implementation	13 January 2011	13 January 2011		States
<b>Post Implementation Review - 90 Day Review</b>					
27					
28					
29					