



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

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

(Presented by the Secretariat)

**SUMMARY**

This paper presents a revised Task List originally updated at BOB-RHS/TF/5 Meeting (Bangkok, Thailand, 7-11 February 2011) for review and update by the meeting.

**1. INTRODUCTION**

1.1 The Fifth Meeting of the Bay of Bengal Reduced Horizontal Separation Implementation Task Force (BOB-RHS/TF/5) was held in Bangkok, Thailand from 7-11 February 2011. The meeting reviewed and updated the Task List.

**2. DISCUSSION**

2.1 As Phase 2 of the project will take into account several more RNAV routes (19) compared to Phase 1, which looked at only 2 routes as well as several more FIRs, many of the items discussed and updated by BOB-RHS/TF/5 should be reviewed and agreed to before implementation of Phase 2. The attached Task List to this working paper indicates the work required by the Task Force.

**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	Remarks
<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	Closed	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	February 2011 (BOB-RHS/TF/5)	Closed	India has accepted the responsibility to establish an EMA. BOBASMA has been endorsed by RASMAG
3	States to continue to collect and provide traffic data	1 July 2010	July 2011	Ongoing	Completed for phase 1
4	States to provide additional data as required by the EMA	1 July 2010	July 2011	Ongoing	Completed for phase 1
5	Examine history of navigational errors and assess possible impact on safety	1 July 2010	September 2011 (BOB-RHS/TF/6)	Ongoing	Completed for phase 1
6	Confirm collision risk model assumptions/parameters are consistent with airspace where the 50 NM horizontal separation is to be applied	October 2010	September 2011 (BOB-RHS/TF/6)	Closed	Completed
7	Report monthly navigational errors (including operational errors)	1 July 2010	July 2011	Ongoing	Completed for phase 1
8	Qualitative Safety Assessment to be completed (including operational factors and workload, training, consequences on ATC systems, non-compliant aircraft, contingencies)	1 July 2010	May 2011	Ongoing	States
<b>Feasibility Analysis</b>					
9	Examine the operational factors and workload associated with the 50 NM longitudinal separation implementation in BOB/Mumbai FIRs	February 2010	May 2011	Ongoing	States
10	Complete feasibility analysis on the 50NM longitudinal separation implementation on N571, P628, L510 and P762	May 2010	September 2011 (BOB-RHS/TF/6)	Closed	States, target implementation date 30 June 2011
<b>Determination of Requirements (airborne &amp; ground systems)</b>					
11	States assess the impact of the 50 NM longitudinal separation implementation on controller automation systems and plan for upgrades/modifications	November 2009		Ongoing	Completed for phase 1
12	States to report the status and updates on ADS-C/CPDLC system	October 2010	May 2011	Ongoing	States
<b>Perform Necessary Industry &amp; International Co-ordination</b>					
13	User consultation; establish target implementation date on the 50NM longitudinal separation on xxxxxxx	May 2010	September 2011 (BOB-RHS/TF/6)	Ongoing	States; State Letter to request confirmation of user consultation.
14	Report to ATM/AIS/SAR/SG	November 2009	July 2012	Ongoing	ICAO
15	States to coordinate with Boeing Lab for bench testing ADS-C/CPDLC system and ADS-C/CPDLC data collection and problem report to Boeing Lab	November 2009	November 2011 as required	Closed	Boeing/States; FIT-BOB task
17	Publish AIP Supplement containing the 50 NM longitudinal separation policy/procedures	December 2010	October 2011	Ongoing	AIP SUPP template completed and distributed; States
18	Review and finalise Letter of Agreement between ACCs	December 2010	November 2011		States

TASK LIST

SN	Activity	Start Date	Completion Date	Present Status	Remarks
19	Finalize Gross Navigation Errors Letters of Agreement	December 2010	September 2011 (BOB-RHS/TF/6)	Closed	States
<b>Approval of Aircraft &amp; Operators</b>					
20	Establish approved operations readiness targets	BOB-RHS/TF/2	September 2011 (BOB-RHS/TF/6)	Closed	States
21	Assess operator readiness	BOB-RHS/TF/2	September 2011 (BOB-RHS/TF/6)	Closed	States
<b>Develop ATC Procedures</b>					
22	States to develop procedures for handling non-compliant aircraft in ATS documentation	October 2010	September 2011 (BOB-RHS/TF/6)	Closed	
<b>ATC Training</b>					
23	Complete training for air traffic controllers on the application of 50NM horizontal separation	October 2010	November 2011	Ongoing	States
24	Complete ADS-C/CPDLC system training for Air Traffic Controllers	Jul-10	November 2011	Ongoing	States
<b>Complete Safety Assessment</b>					
25	Review and accept safety assessment	October 2010	September 2011 (BOB-RHS/TF/6)	Closed	
<b>Final Implementation Decision</b>					
25	Go/No-Go Decision	October 2010	September 2011 (BOB-RHS/TF/6)	Ongoing	Completed for phase 1
26	Implementation	10 March 2011	1 March 2012	Ongoing	States
<b>Post Implementation</b>					
27	Post Implementation Review		BOB-RHS TF/6, 19-23 Sept 2011	Ongoing	States
28	Phase 2 assessment		BOB-RHS TF/6, 19-23 Sept 2011	Ongoing	States
29	Assessment of RNAV RNP airspace designation		BOB-RHS TF/6, 19-23 Sept 2011	Ongoing	States