



**Seventh ATS Coordination Meeting of Bay of Bengal, Arabian Sea  
and Indian Ocean Region (BOBASIO/7)  
New Delhi, India, 18 - 19 September 2017**

---

**AGENDA ITEM 2: Review of Progress on Action Items of BOBASIO/6.**

**REVIEW OF PROGRESS ON OPEN ACTION ITEMS OF BOBASIO/6**

(Presented by Secretariat)

**SUMMARY**

This paper presents the list of open action items of BOBASIO and seeks updates from participants of BOBASIO/7 regarding open action items.

**1. INTRODUCTION**

1.1 The sixth meeting of Bay of Bengal Arabian Sea Indian Ocean Air Traffic Services Coordination Group (BOBASIO) was hosted by Seychelles Civil Aviation Authority at Eden Island, Seychelles from 2<sup>nd</sup> to 4<sup>th</sup> November 2016.

1.2 This paper presents a list of open action items prepared and circulated along with the report of BOBASIO/6.

**2. DISCUSSION**

2.1 The list of open action items is an effective tool to track the progress of any group. It contains the action items that are expected from group member/s.

2.2 It is important that the list is updated as and when possible and then during each meeting of the group.

2.3 The list has total twenty five open/ongoing action items of which six are from BOBASIO/3, six from BOBASIO/4, six from BOBASIO/5 and seven are from BOBASIO/6.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to provide inputs for updating the action items from previous meetings and listing the action items arising out of BOBASIO/7.

-----

**LIST OF OPEN ACTION ITEMS UPDATED UP TO BOBASIO/6**

Action Item ID	Description	Responsible State/ Organisation	Remarks	Status/ Timeline
3/2	States to consider declaring airspace corresponding to its ATM capability and consider non-exclusive type of airspace classification, to allow for utilization of such airspace by aircraft not meeting the requirements.	Secretariat	States requested ICAO APAC Regional Office to provide guidance material	Open 15 Dec. 2016
3/3	India to follow up the task of joint routes design with neighbouring States for mutual benefit.	India and neighbouring States		Ongoing
3/8	All BOBASIO States to report occurrences of LLDs and LLEs to BOBASMA in timely manner. They should sensitize their controllers to report the occurrences of LLDs and LLEs.	States obliged to submit data to BOBASMA		Ongoing
3/10	Mumbai OCC to submit a study on traffic pattern to/from AFI regions in terms of time of operation and density to facilitate the evaluation of the FLAS and its review.	India		Ongoing
3/21	Neighboring Centers adjacent India to share their plan with India for AIDC implementation in a time bound manner.	Neighbouring BOBASIO States to India		Open
3/23	India to coordinate through POC for further feasibility studies on GAGAN and feedback from Stations	India		Ongoing 15 November 2016
4/1	Establishing POC for follow up actions of BOBASIO Meetings	All BOBASIO States	POC to be forwarded to BOBASIO Secretary <a href="mailto:rbhatnagar@aai.aero">rbhatnagar@aai.aero</a>	Open 15 November 2016
4/3	BOBASIO States to share information on strategies being adopted to establish Cyber security framework	All BOBASIO States	BOBASIO/7	Ongoing Quarterly updates?

4/5	<p>1. Neighbouring States to expedite execution of SAR agreement(s), providing details of the responsibility of States and their agencies, especially in Cross Border Areas.</p> <p>2. Review the draft letter of agreement and formalize SAR LOAs with adjacent RCCs</p>	All BOBASIO States	(Refer ICAO APAC website)	Open
4/6	<p>Maldives, India, Sri Lanka and Mauritius to collaborate for ATM Contingency Plan.</p> <p>Maldives to establish POC for other affected FIR</p>	<p>All affected States</p> <p>Maldives</p>	<p>--</p> <p>Maldives provided POC</p>	<p>Open</p> <p>Will be taken up Bilaterally. Timeline 31 July 2017</p>
4/8	AAI to assess the requirement of ATS/DS between Mumbai and Somalia	India and Somalia	<p>Mogadishu proposed ATS/DS between Mogadishu and Mumbai in BOBASIO/4. Mogadishu also informed that AMHS installation was in final stages and as Mumbai is already AIDC capable, in future, AIDC would be implemented between Mogadishu and Mumbai. In a side meeting held during BOBASIO/4 the Mumbai ATC representative had submitted that as the frequency of calls was very less, the existing practice of coordination through ISDN calling was sufficient. The CNS representatives of AAI were however requested to study feasibility of ATS/DS.</p>	<p>Open</p> <p>A dedicated number in Mumbai OCC, which is neither circulated nor provided</p>
4/12	Controller exchange programme between Seychelles and Mumbai for understanding the	India and Seychelles	Proposal is acceptable to Mumbai ATC. AAI CHQ may consider to	<p>Open</p> <p>Timeline 31 March 2017</p>

	other's working environment which will help in resolving the human factors issues		extend invitation to ANSP of Seychelles. Revised timeline July, 2016	
5/2	Consider to develop structured program for BOBASIO Geographical Area for Upper airspace UPR development	All BOBASIO States		Open States to provide update in BOBASIO/7
5/4	Consider the Letter of Agreement template for the ATM Contingency Plan Level 2. (Attached as Annexure IV to WP 06)	All BOBASIO States	31 October 2015	Open Timeline: 31 March 2017
5/5	Establish a procedure for supervisors or controllers on duty of transferring and accepting ATS units to discuss and investigate, in a timely manner, the occurrences relating to the breakdown in coordination, and then report the LHD to the corresponding RMAs	All BOBASIO States	31 December 2015 for Draft Procedure	Completed BOB States to Give update
5/6	Consider to share ADS-B data with the MAAR for height keeping performance monitoring	Willing BOBASIO States		Ongoing MAAR to track the progress
5/7	Establish POC for coordinating the preliminary activities for the feasibility and efficacy of BOBASIO Contingency Team.	India/IATA	India to track	Open Timeline 15 August 2017
5/8	Review the draft Letter of Agreement (enclosed as <b>Annexure IV to the report</b> ) for the coordination/co-operation on operational matters of SAR services with India	All Concerned States	31 December 2015	Open Timeline 15 November 2017
6/1	Familiarisation visit of CNS executives of Seychelles and Mumbai.	India and Seychelles		31 July 2017
6/2	States willing to consider to provide AIREON with relevant data, to carry out a modelling study using RAMS simulation tool, to evaluate benefits of space-based ADS-B	All BOBASIO States/ AIREON		28 February 2017

6/3	Secretary, BOBASIO to communicate the concerns expressed at this meeting on the increasing LHD occurrences contributing to the safety risk in the airspace and the need to have a focused and sustained action to reduce the safety risk, to all three ICAO Regional Offices.	Secretary BOBASMA and MAAR to provide assistance		31 December 2016
6/4	Bangladesh, Myanmar, Malaysia, Seychelles, Somalia, Oman and India to enhance Inter-ATS unit communication facilities to avoid LHDS in the region	Concerned states		31 March 2017
6/5	IATA to impress upon the airlines operator, the need for ADS-B Out and ADS/CPDLC equipage by aircraft operating in the Oceanic airspace and address the issue of aircraft equipped with ADS-CPDLC not logging in to ATC centres.	IATA	IATA member present in this meeting will communicate to their regional counterparts	15 December 2016
6/6	Member states in consultation with stakeholders to explore the feasibility of mandating the carriage of ADS/CPDLC by aircraft operating in BOBASIO RVSM airspace.	BOBASIO Member states		Members to give update in BOBASIO/7
6/7	Interested Member states are encouraged to explore the feasibility of the ADS- B technology for surveillance in oceanic airspace.	BOBASIO Member states		Interested Members to give update in BOBASIO/7

-----