

## BOBASIO OPEN ACTION ITEMS

(Updated till BOBASIO/7, 18<sup>th</sup>-19<sup>th</sup> September 2017, New Delhi, India)

Acti on Item ID	Description	Responsibl e State/ Organisati on	Remarks	Statu s/ Timel ine
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 <sup>th</sup> Decem ber <del>2016</del> <b>2017</b>
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 LLE.	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	India	<b>The study on traffic pattern was presented to AAMA-SCM organized by ICAO in which ICAO Offices of MID, AFI and APAC were present.</b>  In January 2017.	<del>Ongoing</del> <b>Closed</b>

	the evaluation of the FLAS and its review.			
3/21	Neighboring Countries enters 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 the member	India		Ongoing Time line 15 <sup>th</sup> November <del>2016</del> 2017
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 Time line 15 <sup>th</sup> November <del>2016</del> 2017
4/3	BOBASIO States to share information on strategies being adopted to establish Cyber security framework	All BOBASIO States	BOBASIO/7	Ongoing Quaterly updates?
4/5	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. 2. Review the	All BOBASIO States	(Refer ICAO APAC website)	Open Timeline for POC 15 <sup>th</sup> November <del>2016</del> 2017

	draft letter of agreement and formalize SAR LOAs with adjacent RCCs			
4/6	Maldives, India, Sri Lanka and Mauritius to collaborate for ATM Contingency Plan.  Maldives to establish POC for other affected FIR	All affected States  Maldives	Maldives provided POC	Open Will be taken up Bilaterally  Time line July 31 <sup>st</sup> <del>2017</del> 2018
4/8	AAI to assess the requirement of ATS/DS between Mumbai and Somalia	India, Somalia, ATNS & IATA	Mogadishu had proposed ATS/DS between Mogadishu and Mumbai through WP/4 in BOBASIO/4. Mogadishu also informed that the AMHS installation at Mogadishu 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. IN ASIOACG/11 meeting AAI agreed to consider	Open  A dedicated number in Mumbai OCC, <del>which is neither circulated nor provided</del> which is reserved exclusively to receive coordination messages from Mogadishu.

			NAFISAT Terminal at Mumbai. Proposal from ATNS is awaited. IATA AFI agreed to coordinate with ATNS	
4/12	Controller exchange Programme between Seychelles and Mumbai for understanding the other's working environment which will help in resolving the human factors issues	India and Seychelles	Proposal is acceptable to Mumbai ATC. AAI CHQ may consider to extend invitation to ANSP of Seychelles.  Revised timeline July, <del>2016</del> 2018	Open  Timeline July 31 <sup>st</sup> <del>2017</del> 2018
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/ <del>7</del> 8
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 <sup>st</sup> October 2015	Open  Timeline: 31 <sup>st</sup> March <del>2017</del> 18
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 coordination, and then report the LHD	BOBASIO States	31 <sup>st</sup> December 2015 for Draft Procedure	Completed  BOB States to Give update

	to the corresponding RMAs			
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	India/IATA	India to track	Open Timeline August 15th 2017 <b>18</b>
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 <sup>st</sup> December 2015	Open Timeline November 15th 2017 <b>18</b>
6/1	Familiarisation visit of CNS executives of Seychelles and Mumbai.	India and Seychelles		31 <sup>st</sup> July 2017 <b>18</b>
6/2	Willing States to consider to provide Aireon with relevant data, to carry out a modelling study using RAMS simulation modeling tool, to evaluate the benefits of space based ADS-B in the UPR Zone area	All BOBASIO States/Aireon		28 <sup>th</sup> February 2017 <b>AIREON to provide update</b>
6/3	Secretary, BOBASIO	Secretary	<b>AAMA-SCM meetings</b>	<del>December</del>

	<p>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 focussed and sustained action to reduce the safety risk, to all three ICAO Regional Offices.</p>	BOBASMA and MAAR to provide assistance	were organized by ICAO	<del>31st</del> <del>2016</del> <b>Closed</b>
6/4	<p>Bangladesh, Myanmar, Malaysia, Seychelles, Somalia, Oman and India to enhance Inter-ATS unit communication facilities to avoid LHDS in the region</p>	Concerned states		<del>31st</del> <del>March</del> <del>2017</del> <b>Ongoing</b>
6/5	<p>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.</p>	IATA	IATA member present in this meeting will communicate to its regional counterparts	<p>15th December 2016</p> <b>IATA to provide update please.</b>
6/6	<p>Member states in consultation with stakeholders to explore the feasibility of mandating the carriage of ADS/CPDLC by aircraft operating in BOBASIO RVSM</p>	BOBASIO Member states		<del>Members to give update in BOBASIO</del> <del>7</del> <b>Ongoing</b>

	airspace.			
6/7	Interested Member states are encouraged to explore the feasibility of the ADS-B technology for surveillance in oceanic airspace.	BOBASIO Member states	Myanmar and India provided updates about plans for ADS-B for oceanic airspace in BOBASIO/7, but implementation is ongoing	<del>Interested Member states to give update in BOBASIO</del> Ongoing
1/7	BOBASIO States/ANSPs/Organisations to update the secretariat whenever there is some progress in resolving the action items pertaining to them	States/ANSPs/Organisations	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. It is important that the list is updated as and when possible and then before meeting of the group	Ongoing
2/7	Establishment of Two additional entry points on the Indo-Nepal FIR boundary; NEPALGUNJ and JANAKPUR	AAI/CAAN	AAI to study proposal and then conduct joint safety assessment workshop for the proposal	30 <sup>th</sup> November 2017
3/7	Workshop to discuss efficient traffic flows between NEPAL and INDIAN FIRs	AAI/CAAN		30 <sup>th</sup> November 2017
4/7	India's action plan to update ICARD in respect of 89 common FIR waypoints with neighbouring states	AAI and neighbouring states	BOBASIO states to nominate POC for the task. AAI to then completes the process in coordination with neighbouring states	15 <sup>th</sup> October 2017 30 <sup>th</sup> June 2018
5/7	Creation of BOBASIO Safety Hazard	AAI/Interested ANSPs	BOBASIO states to nominate volunteers	15 <sup>th</sup> October

	Identification Library (BSHIL)		for Task Force AAI to create BSHIL	2017  30 <sup>th</sup> April 2018
6/7	India, Bangladesh, Nepal to consider ADS-B data sharing	AAI/CAAN/B angladesh	Initiate discussion on the issue	30 <sup>th</sup> April 2018
7/7	AAI to consider ADS-B sensor at Dwarka for northern portion of Oceanic airspace of Mumbai FIR	AAI		30 <sup>th</sup> June 2018
8/7	Realignment of N877 from DOTEN to AGEGA	AAI	BOBASIO/7 endorsed the proposal	31 <sup>st</sup> March 2018
9/7	Transfer of responsibility for provision of ATS on route L759 back to Chennai from Kolkata	AAI/MYANM AR	Surveillance via ADS-B and VHF Coverage via RCAG at Port Blair is available to Chennai over L759. Chennai will be able to provide surveillance services.  AAI to conduct safety assessment.  Revise LOA between Chennai/Kolkata/Yan gon FIRs	30 <sup>th</sup> October 2017   31 <sup>st</sup> March 2018