



International Civil Aviation Organization

**The Special Coordination Meeting for the Bay of Bengal area (SCM/BOB)
and the Sixteenth Meeting of the Bay of Bengal ATS Coordination Group
(BBACG/16)**

Bangkok, Thailand, 31 January – 4 February 2005

Agenda Item 2: Review and Update BBACG/15 Work Plan

WORK PLAN FROM BBACG/15

(Presented by the Secretariat)

SUMMARY

This paper presents the work plan arising from the fifteenth meeting of the Bay of Bengal ATS Coordination Group (September 2004) for review and update by the meeting.

1. INTRODUCTION

1.1 Based on discussions undertaken during the consideration of action items, a suitable work plan was agreed to for action by the BBACG/15 meeting (September 2005).

2. DISCUSSION

2.1 The BBACG/15 work plan is reproduced in **Appendix A** to this working paper for review and updating by the meeting.

3 ACTION BY THE MEETING

3.1 The meeting is invited to review and update the attached work plan on the basis of information provided to the meeting.

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BBACG/15 — WORK PLAN

	ACTION ITEM	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
1. (ATS)	ATS route B203 (Amendment Proposal APAC 93/8-ATS)	Mid-Term	ICAO, Myanmar, China	On-going	APAC 93/8 approved on 9/2/99 and States to implement the route. ICAO to coordinate with States on implementation progress. Referred to the ARNR/TF for BANP processing. Update by Bangladesh, India, and Myanmar. At BBACG/15 States involved agreed to coordinate to ensure immediate action on this item.
2. (ATS)	CNS/ATM route Gawahati - Kunming ICAO to advise China of the need for a CNS/ATM route Gawahati to Kunming, in addition to the Imphal - Kunming route, and request China to investigate the feasibility of such a route.	Long-Term	ICAO, China, India, Myanmar,	On-going	India has approved implementation. ICAO to coordinate with other States on implementation progress. Referred to the ARNR/TF for BANP processing. ICAO to follow up with China during Safety Seminar (Beijing) November 2005.

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	ACTION ITEM	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
3. (ATS)	Yangon/Chennai FIR boundary	Immediate	ICAO, India, Myanmar	On-going Completed	ICAO to coordinate with States. Designator for crossing point between P762/L759 assigned. Waypoint LADER assigned during BBACG/15.
4. (ATS)	Chennai/Colombo FIR boundary India and Sri Lanka will advise ICAO of the result of a bi-lateral meeting regarding: a) the withdrawal of delegation of airspace in the western portion of Chennai FIR; and b) the realignment of the FIR boundary between the Colombo and Chennai FIRs so that all the domestic airspace of Sri Lanka is encompassed by the Colombo FIR.	Immediate	ICAO, India, Sri Lanka	On-going	ICAO to coordinate with States for update. India is considering a proposal to change the FIR boundary. BBACG/15 advised that State providers have agreed a change and provided details to respective Governments for ratification.
5. (ATS)	Chiang Rai – PONUK – SAGAG route – A581 a) Lao PDR will continue co-ordinating with China for implementation of the Chiang Rai – PONUK – SAGAG route; and ICAO will, recognizing difficulties in implementing this route segment, assist Lao PDR in co-ordination as required.	Mid-Term	Lao PDR, China and ICAO	On-going Referred to ATS Route Review Task Force Completed	Chiang Rai – PONUK sector implemented. Fully implemented.

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6. (ATS)	ATS route B345, Beijing—Huairou—Huailai—Baotou—Yinchuan—Lanzhou—Yushu—Lhasa Lhasa - Kathmandu – Lucknow	Long Term Immediate	China, Nepal and ICAO	Discussions to be held in the short term to progress implementation Ongoing Implemented	ICAO to coordinate with China and Nepal for implementation of the Baotou—Kathmandu route segment of B345. Referred to ATS Route Network Review Task Force. Amendment APAC 99/4 changed the requirement to Kathmandu-Lucknow only. Lhasa – Kathmandu was implemented as B345 and Lhasa – Chengdu as B213 on 7/7/04. ICAO to coordinate with China and Nepal to amend the BANP for B345 segment.
7. (ATS)	ATS route G211 Penang—ANOKO	Mid Term	ICAO	On-going Closed	ICAO to co-ordinate with Malaysia for implementation of ATS route G211. Referred to ARNR/TF.
8. (ATS)	Contingency Planning a) in the light of events which have occurred subsequent to the formulation of a Framework for Contingency Plans, agreed to at a Special ATS Coordination Meeting held at the ICAO Bangkok Office in June 1997, ICAO will revise the document where necessary and distribute to States for their comment; and,	Immediate	ICAO and all States	On going.	Action in a) completed. BBACG/15 updated regarding request from APANPIRG/15 that Regional Office undertake survey of States in regard to contingency planning.

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	b) each State in co-ordination with its neighbouring State, develop a contingency plan or plans for their airspace, taking into account the ICAO Framework for Contingency Plans mentioned in a) above.				
9. (ATS)	Search and Rescue Agreements between States a) States, in conjunction with their neighbouring State (s), will develop Search and Rescue Agreements, for the purpose of providing a more efficient response to a search and rescue action and increase the possibility of a successful search and rescue mission; States conduct joint training and exercises, as appropriate, to maximize proficiency; b) a State, together with a neighbouring State, establish common SAR procedures, where practicable; and a State, together with a neighbouring State, establish common SAR procedures, where practicable.	Long-Term	All States and ICAO	On-going	Regional Office maintains a SAR register of agreements between States who are requested to notify the APAC Office when agreements are signed. A Seminar/SAREX planned for the Bay of Bengal area in Nov 2004 March 2005. 7 to 11 March 2005 An ICAO Seminar will be held in conjunction with the Hong Kong, China annual SAREX, 24-28 November 2003 .

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10. (ATS)	ATS route A473 India will co-ordinate with Nepal for implementation of JALALABAD-NEPALGUNJ-KATHMANDU as A473 with necessary adjustment.	Immediate	India and Nepal	On-going	India unable to implement and Nepal has developed new route. ICAO to coordinate with States. Referred to the ARNR/TF. BBACG/15 advised that Nepal and India have reached agreement on modifications to proposal, documentation to be prepared and circulated by Nepal.
11. (ATS)	Update the meeting on ARNR/TF route developments involving the Bay of Bengal area	BBACG/15	ICAO	On-going Completed	BBACG/15 updated regarding outcomes of the first meeting of the ARNR/TF/1 on 6-10 September 2004.
12. (ATS)	Refer route requirements identified at BBACG/14 to ARNR/TF	ARNR/TF/1	ICAO	On-going Completed	Route requirements from BBACG/14 Work Plan referred to the ARNR/TF.
13. (ATS)	Coordinate with India on ICAO SAREX/Seminar for the Bay of Bengal area	As soon as practicable	ICAO and India	On-going	SAREX/Seminar planned for November 2004 March 2005. Seminar/SAREX will be held in Chennai during 4-11 March 2005

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14. (ATS)	Coordinate holding an Inter-regional Coordination Meeting on Afghanistan airspace operations	As soon as practicable	ICAO ASIA/MID Offices	On-going Closed	Meeting planned for late April 2004 tentatively hosted by Pakistan in Islamabad. Meeting unable to be arranged. NATO presence in Afghanistan has accelerated improvements. Issues are being aggressively addressed in other forums.
15. (ATS)	Matters arising from BBACG/14 regarding ATM operations to be referred to the Thailand/Malaysia Aviation Consultation Committee Meeting in Phuket, Thailand	As scheduled	Malaysia and Thailand	On-going Closed, superseded by work plan item 22.	IATA Mach Number proposal to be reviewed by the meeting. Not discussed during Phuket meeting.
16. (ATS)	Provide traffic movement data on the Bay of Bengal routes to the RVSM 90-Day Review meeting	8 March 2004	All States	On-going Completed	90-day review meeting conducted March 2004.

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17. (ATS)	Introduce flexible use of FL300 on Bay of Bengal routes	2 February 2004	Thailand, Malaysia, Singapore		Thailand, Malaysia and Singapore to establish a common flight plan database for the peak westbound traffic flow. Trial is operating, BBACG/15 to provide update. BBACG/15 agreed to trial of new ATS arrangements for 6 month commencing 1 October 2004 providing new NO-PDC levels and requirement for ACCs to coordinate to ensure use of all available levels.
18. (ATS)	Implement new segment on P628 ASOPO to RK	NOTAM 22 January 2004	India and Pakistan	On-going	Pakistan to coordinate lowering of the MEA to FL300. Route implemented, FL310 being used as MEA, by Pakistan due military restriction.

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19. (ATS)	Review the fixed mach number procedure using of Mach 0.84 on L759	Immediate	IATA		Fixed MNT to be applied only when required by ATC. Consideration to be given to aircraft Mach number display in the B777. IATA to update BBACG/15. At BBACG/15 IATA update resulted in procedures for M0.82 for FL280 and above and M0.83 for FL300 and above being adopted for 6 month trial, commencing 1 October 2004.
20. (ATS)	Pursue additional flight levels in Kabul FIR	On-going	ICAO	On-going	Coalition considering approval of FL280. FL280 granted, but withdrawn on N644 by NOTAM for approx 1 month during Aug/Sept 2004 for military reasons.

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	ACTION ITEM	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
21. (ATS)	Use of L759/L750 and M770/A466 and N644 as separate routes	2 February- 28 March 2004	Thailand, Malaysia, Singapore, India and Pakistan		To enhance traffic management in the BOB and reduce ground delays. Update BBACG/15. At BBACG/15 agreed to finalise arrangement with India that allows same level on L759 and M770 where planned routing beyond Delhi does not converge.
22. (ATS)	Develop a westbound Air Traffic Flow Management Plan (ATFMP)	On-going	All concerned States, ICAO, IFATCA, IFALPA, IATA		States/IATA to review progress and report to BBACG/14 Review progress and report to BBACG/15. BBACG/15 agreed trial of amended ATC coordination arrangements and India Flow Procedures commencing 1 October 2004 for 6 months. BBACG/15 agreed to a SCM in late 2004 to study automated flow systems available, IATA to do the technical coordination with suppliers. See Item 26

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23. (ATS)	Establishment of route segment RK to KN	Immediate	ICAO	Pakistan approved introduction of route segment in Pakistan airspace RK-BIRJAND and will coordinate for RK-KN Completed	Coordination with all parties concerned for extension of the route in Afghanistan airspace. Agreements reached between all parties including CFACC, documentation being prepared, expect implement early 2005. Route segment implemented November 2004.
24. (ATS)	Collect traffic movement data for the Bay of Bengal routes	As determined by MAAR	All States in Bay of Bengal	On-going	Lateral safety assessment requires update re SMA to be established by RASMAG/2 (Oct 04). Format TSD to be determined by MAAR. TSD required for month of July 2004.
25. (ATS)	Implement 2NM Offset to the right procedures in accordance with APANPIRG Conclusion 15/8 and State Letter AN 13/11.6-04/85 (27 August 2004)	25 November 2004	All States/ICAO	On-going	Regional Office to coordinate with States to meet AIRAC 25 November 2004. Implementation date deferred to 20 January 2005. Many Bay of Bengal States implemented on 20 Jan 05.

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26. (Admin)	Determine date for the FIT-BOB/5 and BBACG/16 joint meeting and inform participants.	As soon as practicable	ICAO	On-going	FIT-BOB/5 meeting - 5 days in March 2005, to include seminar/workshop re ADS/CPDLC for States and operators. Combined FIT-BOB & FIT-SEA meeting /seminar scheduled 18-22 April 2005 SCM on automated flow equipment in Nov/Dec 2004, Regional Office to coordinate BBACG/16 – 3 day meeting June 2005. Regional Office to confirm dates. SCM BOB Flow held in combination with RVSM/24 meeting September 2004. Additional SCM BOB FLOW convened to be held in conjunction with BBACG/16 January 2005