



*International Civil Aviation Organization*

**The Twentieth Meeting of the Regional Airspace Safety Monitoring  
Advisory Group (RASMAG/20)**

Bangkok, Thailand, 26-29 May 2015

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**Agenda Item 6: Review and Update RASMAG Task List**

**RASMAG TASK LIST**

(Presented by the Secretariat)

**SUMMARY**

This paper presents the Task List that was updated at RASMAG/17 for the meeting's review.

**1. DISCUSSION**

1.1 The RASMAG Terms of Reference (TOR) were last updated by APANPIRG/18 (September 2007). A copy of the TOR is appended as **Attachment A** to this paper.

1.2 The Task List updated by RASMAG/17 (Bangkok, 20-24 February 2012) is appended as **Attachment B** to this paper.

**2. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review the RASMAG TOR; and
- b) review, report on and update RASMAG action items.

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## **REGIONAL AIRSPACE SAFETY MONITORING ADVISORY GROUP (RASMAG)**

### **TERMS OF REFERENCE OF THE RASMAG**

The objectives of the Group are to:

- a) facilitate the safe implementation of reduced separation minima and CNS/ATM applications within the Asia and Pacific Regions in regard to airspace safety monitoring; and
- b) assist States to achieve the established levels of airspace safety for international airspace within the Asia and Pacific Regions.

To meet these objectives the Group shall:

- a) review airspace safety performance in the Asia and Pacific Regions at the regional level and within international airspace;
- b) review and develop as necessary, guidance material for airspace safety monitoring, assessment and reporting activities, including the duties, responsibilities and scope of regional monitoring entities;
- c) recommend, and facilitate as necessary, the implementation of airspace safety monitoring and performance assessment services;
- d) review and recommend on the competency and compatibility of monitoring organizations and recommend to APANPIRG specific airspace responsibility for individual regional monitoring entities;
- e) review, coordinate and harmonize regional and inter-regional airspace safety monitoring activities;
- f) review regional and global airspace planning and developments in order to anticipate requirements for airspace safety monitoring and assessment activities;
- g) address other airspace safety related issues as necessary;
- h) facilitate the distribution of safety related information to States, and
- i) provide to APANPIRG comprehensive reports on regional airspace safety and coordinate with other contributory bodies of APANPIRG as appropriate.

### **TASK LIST**

To review the safety monitoring programmes in the Asia and Pacific Regions for implementation and operation of:

- a) reduced vertical separation minimum (RVSM);
- b) reduced horizontal (lateral and longitudinal) separation minima using PBN;
- c) aircraft separation applications using data link, e.g. ADS and CPDLC; and
- d) ATS Unit to ATS Unit operational messaging using AIDC.

*(Last updated APANPIRG/18, September 2007)*

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**RASMAG — TASK LIST**

*(last updated 30 May 2014)*

| <b>ACTION ITEM</b> | <b>DESCRIPTION</b>   | <b>TIME FRAME</b>                           | <b>RESPONSIBLE PARTY</b>             | <b>STATUS</b> | <b>REMARKS</b>  |
|--------------------|--|---|--------------------------------------|---------------|---|
| 16/7               | Assist in the development of generic educational material regarding LHD reporting that could be used in other States   | RASMAG/18                                   | All RMAs, initially China RMA, India | Closed        | RASMAG/19 WP12 new task 19/3                            |
| 17/2               | Undertake a study to identify shortcomings in the quality of meteorological data   | RASMAG/20                                   | Australia (Lead), Thailand, China    | Open          |   |
| 17/3               | Re-evaluation of the vertical overlap probability to provide parameters that more accurately represent the characteristics of aircraft types employed in the airspace and reveal the effectiveness of the recently imposed ICAO LTHM requirements. | RASMAG/20<br>(Progress report to RASMAG/20) | PARMO (Lead), AAMA, JASMA, MAAR      | Open          |   |
| 17/4               | An analysis of material and processes required from RMAs to assist airline/ATC education and responses on minimisation of operational errors, including information on hot spots and recommended operational responses.                            | RASMAG/19 20                                | AAMA and PARMO, IATA, IFALPA         | Open          |   |
| 17/5               | Request an amendment to Annex B of Doc 9937 regarding Brunei Darussalam and Vanuatu  | RASMAG/20                                   | ICAO                                 | Open          |   |
| 18/1               | Pakistan-China ATS unit communications problem   | December 2014                               | ICAO, Pakistan, China                | Open          | Follow up at a side meeting at the ATM or CNS Sub-Group |
| 18/2               | RO letter to support reporting to MAAR   | 1 May 2013                                  | MAAR, ICAO                           | Open          |   |
| 18/3               | RMAs to undertake to identify systemic safety issues and provide feedback to RASMAG on similar analyses of airspace issues.  | RASMAG/19                                   | All RMAs                             | Closed        |   |
| 19/1               | Update RASMAG on the outcome of further investigations of coordination problems between India and Myanmar, which resulted in the receiving controller not acknowledging the same information provided by the transferring controller.              | RASMAG/20                                   | MAAR                                 | Open          |   |
| 19/2               | Hot spot between the Ulaanbaatar FIR and the Beijing FIR at positions NIXAL and INTIK, where LHDs had not been reported by Beijing so this   | September 2014                              | China RMA                            | Open          |   |

RASMAG/20  
WP32 Attachment B

| ACTION ITEM | DESCRIPTION   | TIME FRAME     | RESPONSIBLE PARTY   | STATUS | REMARKS |
|-------------|---|----------------|---|--------|---------|
|             | needed to be investigated.  |                |   |        |         |
| 19/3        | (WP12) Cat E LHD illustration developed by MAAR distribution by RMAs and possibly included in the RMA Manual  | RASMAG/20      | RASMAG Chair, RMAs  | Open   |         |
| 19/4        | (WP13) LLE definition incorporation into the Asia/Pac EMA manual (MAWG to review the EMA Manual prior to update) and the global EMA document that the ICAO Separation and Airspace Safety Panel (SASP) was developing. LHD definition for CAT E incorporation into the global RMA manual            | RASMAG/20      | RASMAG Chair; MAWG  | Open   |         |
| 19/5        | Consider the manner in which a system for listing non-RVSM approved aircraft could be implemented in Asia/Pacific and report to APANPIRG in this respect as a follow-up to APANPIRG Conclusion 24/6   | September 2014 | RASMAG Chair  | Open   |         |
| 19/6        | Special Coordination Meeting (SCM) to be conducted involving Bangladesh, India, Indonesia, Malaysia, and Myanmar to, <i>inter alia</i> , investigate the installation of ADS-B, VHF communications and sharing data from a site on Great Nicobar Island and other COM/SUR upgrades to mitigate risk | September 2014 | India, Indonesia, Malaysia, and Myanmar, ICAO, possibly IATA and IFATCA | Open   |         |
| 19/7        | China to improve its mechanism of LHD reporting and establish an open reporting culture as part of a 'just culture' environment by conducting a review, and requested China to report to APANPIRG of progress made  | September 2014 | China   | Open   |         |
| 19/8        | Investigation of LHDs prevalent in the Kabul FIR. Since the Kabul FIR had military level restrictions, most LHDs involved a neighbouring ACC (Samarkand, Uzbekistan, at position AMDAR) releasing aircraft at flight levels that were not allowed as specified in the Air Traffic Service           | September 2014 | MAAR, ICAO Regional Office  | Open   |         |

RASMAG/20  
WP32 Attachment B

| ACTION<br>ITEM | DESCRIPTION                      | TIME FRAME | RESPONSIBLE PARTY | STATUS | REMARKS |
|----------------|----------------------------------|------------|-------------------|--------|---------|
|                | (ATS) Letter of Agreement (LOA). |            |                   |        |         |