



International Civil Aviation Organization

**The Sixteenth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/16)**

Bangkok, Thailand, 20 – 24 February 2012

Agenda Item 5: Airspace Safety Monitoring Activities/Requirements in the Asia/Pacific Region

COMPETENT AIRSPACE SAFETY MONITORING ORGANIZATIONS LIST REVIEW

(Presented by the Secretariat)

SUMMARY

This paper presents the RASMAG List of Competent Airspace Safety Monitoring Organizations List for review and update.

This paper relates to –

Strategic Objectives:

A: Safety – Enhance global civil aviation safety

Global Plan Initiatives:

- GPI-2 Reduced vertical separation minima
- GPI-8 Collaborative airspace design and management
- GPI-9 Situational awareness
- GPI-16 Decision support systems and alerting systems
- GPI-17 Data link applications
- GPI-21 Navigation systems
- GPI-22 Communication infrastructure

1. INTRODUCTION

1.1 RASMAG is required by its Terms of Reference to recommend and facilitate the implementation of airspace safety monitoring and performance assessment services, and to review and recommend on the competency and compatibility of monitoring organizations. In order to assist in addressing these requirements, RASMAG updates and distributes a list of competent airspace safety monitoring organizations for use by States requiring airspace safety monitoring services.

2. DISCUSSION

2.1 The *RASMAG List of Competent Airspace Safety Monitoring Organizations* is presented in **Attachment A** to this paper for review and update. **Attachment B** provides a summary of the Monitoring Agencies in pictorial form. Discussion may be required regarding the contact details for the new FIT-Asia.

3. ACTION BY THE MEETING

3.1 The meeting is invited to review and update the RASMAG List of Competent Airspace Safety Monitoring Organizations.

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APANPIRG Asia/Pacific Airspace Safety Monitoring

RASMAG LIST OF COMPETENT AIRSPACE SAFETY MONITORING ORGANIZATIONS

The Regional Airspace Safety Monitoring Advisory Group of APANPIRG (RASMAG) is required by its terms of reference to recommend and facilitate the implementation of airspace safety monitoring and performance assessment services and to review and recommend on the competency and compatibility of airspace monitoring organizations. In order to assist in addressing these requirements, RASMAG updates and distributes the following list of competent airspace safety monitoring organizations for use by States requiring airspace safety monitoring services. In the context of the list, abbreviations have meanings as follows:

- RMA – Regional Monitoring Agency – safety assessment and monitoring in the vertical plane (i.e. RVSM);
- EMA – En-route Monitoring Agency – safety assessment and monitoring in the horizontal plane (i.e. RVSM, RNAV10, RNP4);
- CRA – Central Reporting Agency – technical performance of data link systems (i.e. ADS/CPDLC); and
- FIT – FANS 1/A Interoperability/Implementation Team – parent body to a CRA.

(Last updated 23 February 2011)

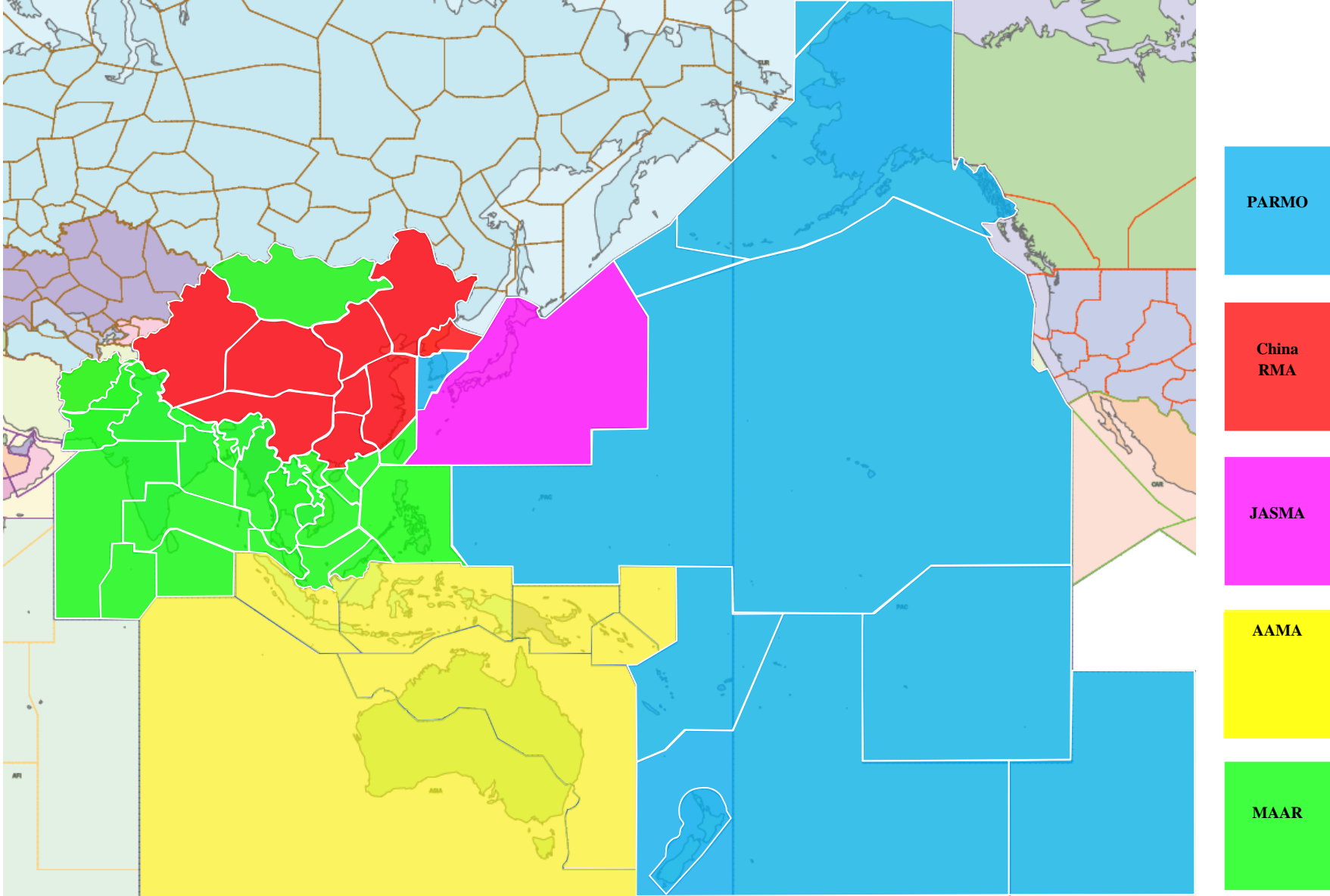
Organisation (including contact officer)	State	Competency	Status	Airspace assessed (FIRs)
Australian Airspace Monitoring Agency (AAMA) - Airservices http://www.airservicesaustralia.com/organisations/aama/default.asp Mr. Robert Butcher, Operational Analysis Manager, Safety and Assurance Group email: robert.butcher@airservicesaustralia.com or aama@airservicesaustralia.com	Australia	RMA	Current	Brisbane, Honiara, Jakarta, Melbourne, Nauru, Port Moresby and Ujung Pandang (including Timor-Leste) FIRs
		EMA	Current	Brisbane, Melbourne FIRs

Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
<p>China RMA - Air Traffic Management Bureau, (ATMB) of Civil Aviation Administration of China (CAAC)</p> <p>http://www.chinarma.cn (secure site)</p> <p>Mr. Tang Jinxiang, Engineer of Safety and Monitoring Technical Group, ATMB, email: tangjx@adcc.com.cn</p>	<p>China</p>	<p>RMA</p>	<p>Current</p>	<p>Beijing, Guangzhou, Kunming, Lanzhou, Pyongyang, Sanya, Shanghai, Shenyang, Urumqi, and Wuhan FIRs.</p>
<p>India Bay of Bengal Airspace Safety Monitoring Agency (BOBASMA)</p> <p>http://www.aai.aero/public_notices/aaisite_test/bobasma_index.jsp</p> <p>Mr. A. P. Udayanarayanan Joint General Manager (ATM) Phone No:+ 91 44 22561253 Fax No: +91 44 22561740 Email: bobasmachennai@gmail.com : bobasma@aai.aero</p>	<p>India</p>	<p>EMA</p>	<p>Current</p>	<p>Chennai, Colombo, Delhi, Dhaka, Kabul, Karachi, Kolkata, Lahore, Male, Mumbai, Yangon,</p>
<p>Japan Airspace Safety Monitoring Agency (JASMA)</p> <p>Mr. Noritoshi Suzuki, Special Assistant to the Director, Flight Procedures and Airspace Program Office, Japan Civil Aviation Bureau, email: suzuki-n248@mlit.go.jp</p> <p><u>CRA function:</u> Mr. Hironori Okayama, Deputy Director, Air Traffic Control Association Japan, Japan Civil Aviation Bureau, email: okayama@atcaj.or.jp</p>	<p>Japan</p>	<p>RMA, EMA and CRA</p>	<p>Current</p>	<p>Fukuoka FIR</p>

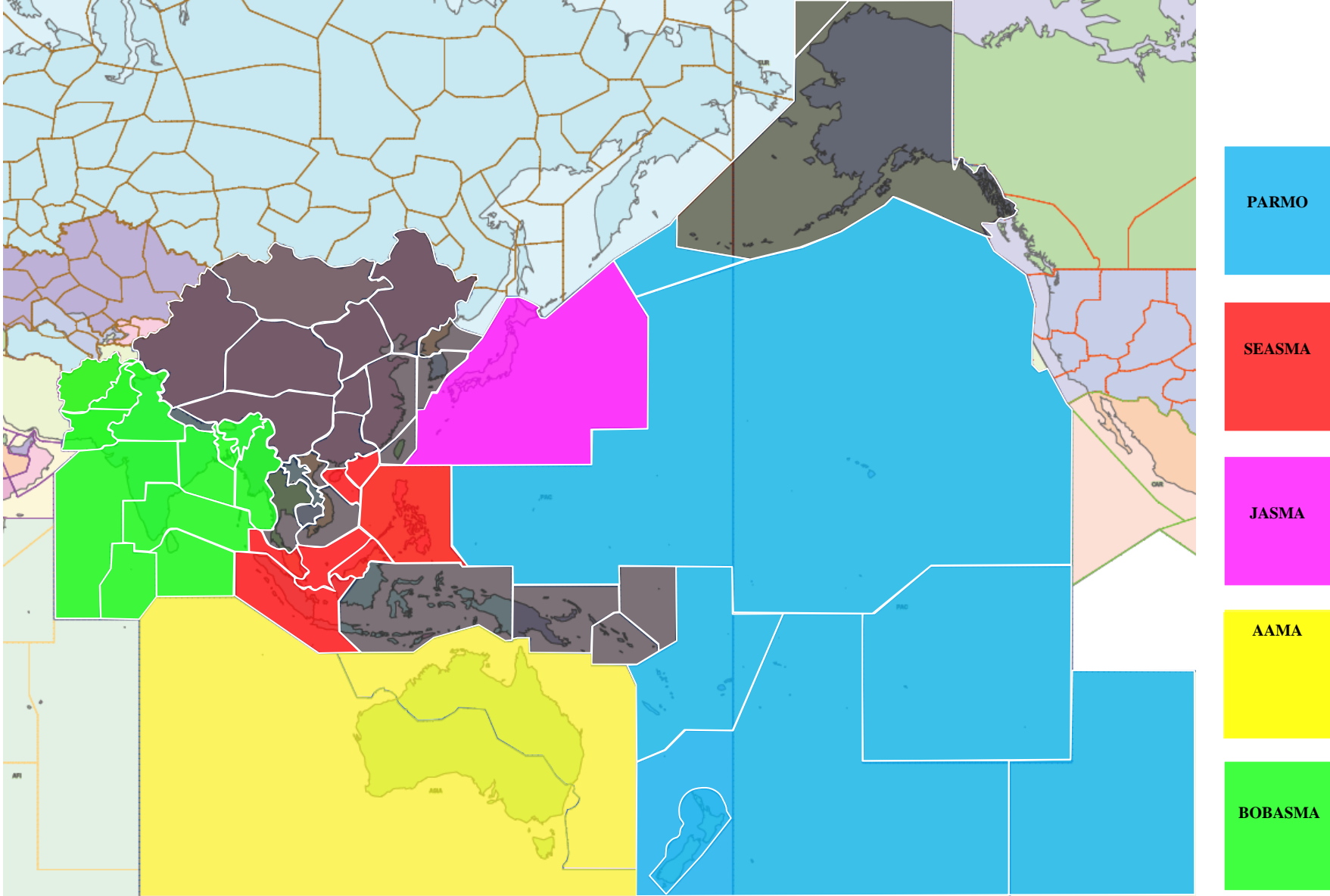
Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
<p>Monitoring Agency for the Asia Region (MAAR) Aeronautical Radio of Thailand LTD (AEROTHAI)</p> <p>http://www.aerothai.co.th/maar</p> <p>Dr. Paisit Herabat Director, MAAR AEROTHAI Email: paisit@erothai.co.th or maar@erothai.co.th</p>	<p>Thailand</p>	<p>RMA</p>	<p>Current</p>	<p>Bangkok, Kolkata, Chennai, Colombo, Delhi, Dhaka, Hanoi, Ho Chi Minh, Hong Kong, Karachi, Kathmandu, Kota Kinabalu, Kuala Lumpur, Lahore, Male, Manila, Mumbai, Phnom Penh, Singapore, Taipei, Ulaan Bataar, Vientiane, Yangon FIRs</p>
<p>Pacific Approvals Registry and Monitoring Organization (PARMO) – Federal Aviation Administration (US FAA)</p> <p>http://www.faa.gov/air_traffic/separation_standards/parmo/</p> <p>Mr. Dale Livingston, Manager, Separation Standards Analysis Team, FAA, email: dale.livingston@faa.gov or aparmo@faa.gov</p>	<p>USA</p>	<p>RMA and EMA</p>	<p>Current</p>	<p><u>RMA</u> for Anchorage Oceanic, Auckland Oceanic, Incheon, Nadi, Oakland Oceanic, New Zealand, Tahiti FIRs</p> <p><u>EMA</u> for Anchorage Oceanic, Oakland Oceanic</p>
<p>South East Asia Safety Monitoring Agency (SEASMA) - Civil Aviation Authority of Singapore (CAAS)</p> <p>Mr. Kuah Kong Beng, Chief Air Traffic Control Officer, email: KUAH_Kong_Beng@caas.gov.sg</p>	<p>Singapore</p>	<p>EMA and CRA</p>	<p>Current</p>	<p><u>EMA</u> for Hong Kong, Ho Chi Minh, Kota Kinabalu, Kuala Lumpur, Manila, Jakarta, Sanya and Singapore FIRs</p> <p><u>CRA</u> for Singapore, Viet Nam and Philippines</p>

Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
FIT-ASIA Mr. Bradley Cornell, Boeing Engineering email: Bradley.D.Cornell@Boeing.Com	Boeing USA	FIT & CRA	Current	FIRs in the Asian Region not covered by IPACG/FIT and ISPACG/FIT
IPACG/FIT Mr. Shoichi Kosugi, JCAB Co-Chair email: kosugi-s07vf@mlit.go.jp and Mr. Reed Sladen, FAA Co-Chair, email: reed.b.sladen@faa.gov	Japan and USA	FIT & CRA	Current	North & Central Pacific (Oceanic airspace within Fukuoka FIR, and Anchorage & Oakland FIRs)
ISPACG/FIT Mr. Bradley Cornell, Boeing Engineering email: Bradley.D.Cornell@Boeing.Com	Boeing USA	FIT & CRA	Current	South Pacific FIRs and members of the Informal South Pacific ATS Coordination Group (ISPACG)

Regional Monitoring Agencies (Vertical)



En-route Monitoring Agencies (Horizontal)



Central Reporting Agencies and FITs (Data-link)

