

**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 30 August 2012)*

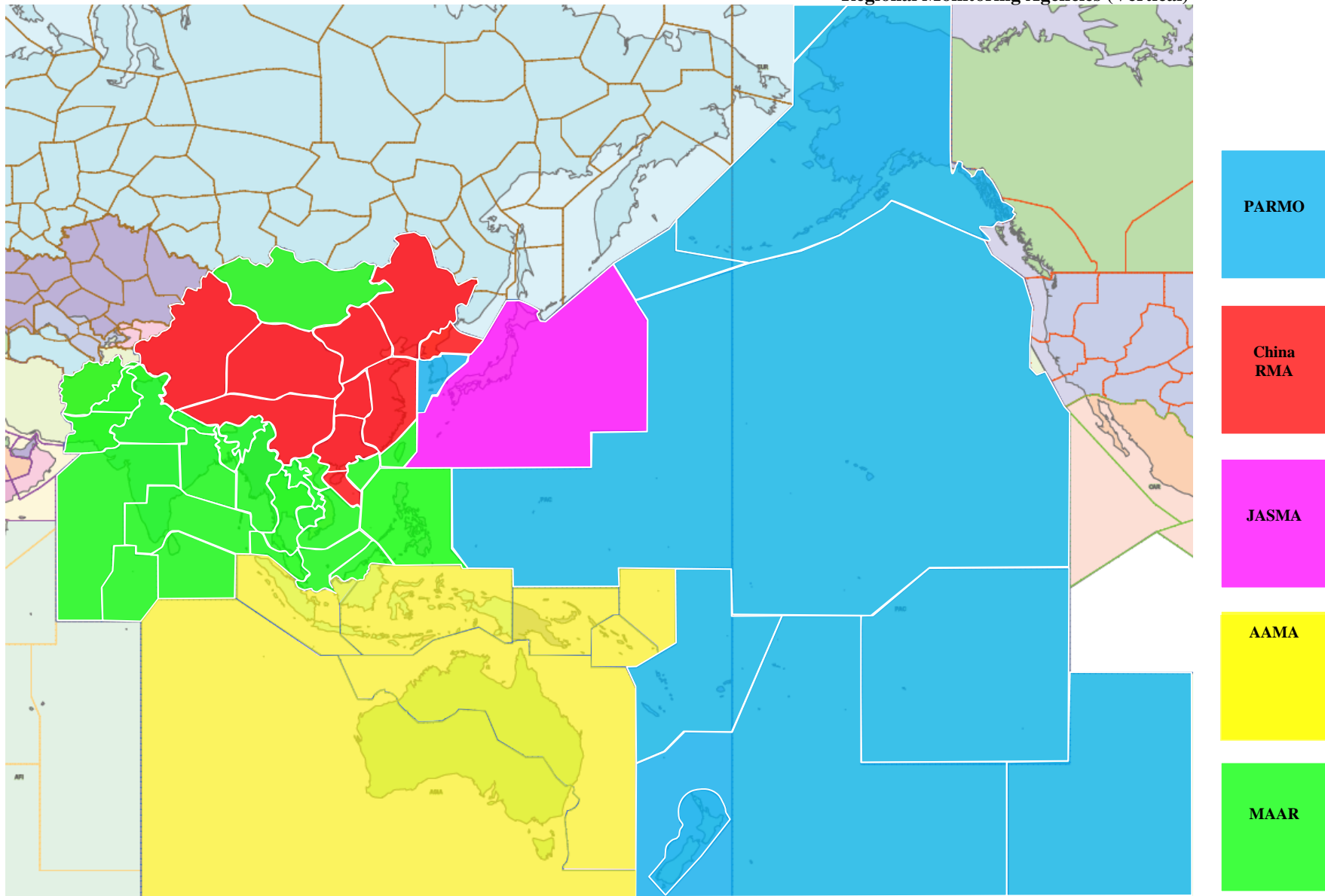
<b>Organisation (including contact officer)</b>	<b>State</b>	<b>Competency</b>	<b>Status</b>	<b>Airspace assessed (FIRs)</b>
<b>Australian Airspace Monitoring Agency (AAMA) - Airservices</b> <a href="http://www.airservicesaustralia.com/organisations/aama/default.asp">http://www.airservicesaustralia.com/organisations/aama/default.asp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

<b>Organisation</b> <i>(including contact officer)</i>	<b>State</b>	<b>Competency</b>	<b>Status</b>	<b>Airspace assessed (FIRs)</b>
<p><b>China RMA - Air Traffic Management Bureau, (ATMB) of Civil Aviation Administration of China (CAAC)</b></p> <p><a href="http://www.chinarma.cn">http://www.chinarma.cn</a></p> <p>Mr. Tang Jinxiang, Manager China RMA ADCC, ATMB, email: <a href="mailto:tangjx@adcc.com.cn">tangjx@adcc.com.cn</a></p>	China	RMA	Current	Beijing, Guangzhou, Kunming, Lanzhou, Pyongyang, Sanya, Shanghai, Shenyang, Urumqi, and Wuhan FIRs.
<p><b>India Bay of Bengal Airspace Safety Arabian Sea Indian Ocean Monitoring Agency (BOBASMA)</b></p> <p><a href="http://www.aai.aero/public_notices/aaisite_test/bobasma_index.jsp">http://www.aai.aero/public_notices/aaisite_test/bobasma_index.jsp</a></p> <p>Mr. A. P. Udayanarayanan Joint General Manager (ATM) Phone No:+ 91 44 22561253 Fax No: +91 44 22561740 Email: <a href="mailto:bobasmachennai@gmail.com">bobasmachennai@gmail.com</a> : <a href="mailto:bobasma@aai.aero">bobasma@aai.aero</a></p>	India	EMA	Current	Chennai, Colombo, Delhi, Dhaka, Kabul, Karachi, Kolkata, Lahore, Male, Mumbai, Yangon,
<p><b>Japan Airspace Safety Monitoring Agency (JASMA)</b></p> <p>Mr. Takashi Imuta, Special Assistant to the Director, Flight Procedures and Airspace Program Office, Japan Civil Aviation Bureau, email: <a href="mailto:imuta-t07j7@mlit.go.jp">imuta-t07j7@mlit.go.jp</a></p> <p><u>CRA function:</u> Mr. Hiroyuki Nakano, Deputy Director, Air Traffic Control Association Japan, Japan Civil Aviation Bureau, email: <a href="mailto:nakano-h2jh@mlit.go.jp">nakano-h2jh@mlit.go.jp</a></p> <p>web site: <a href="http://www.jasma.jp">http://www.jasma.jp</a></p>	Japan	RMA, EMA and CRA	Current	Fukuoka FIR

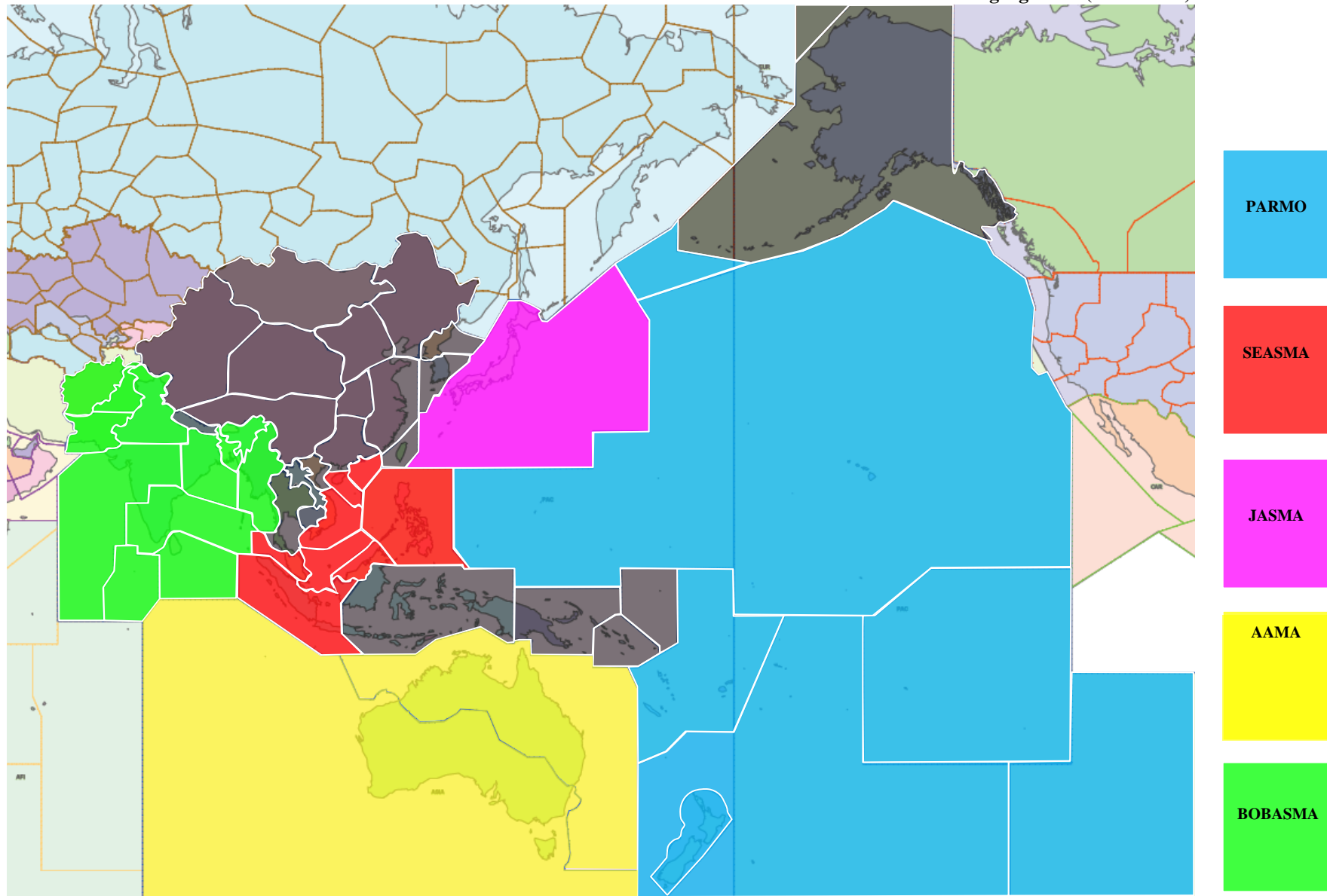
<b>Organisation</b> <i>(including contact officer)</i>	<b>State</b>	<b>Competency</b>	<b>Status</b>	<b>Airspace assessed (FIRs)</b>
<p><b>Monitoring Agency for the Asia Region (MAAR)</b>  <b>Aeronautical Radio of Thailand LTD (AEROTHAI)</b></p> <p><a href="http://www.aerothai.co.th/maar">http://www.aerothai.co.th/maar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

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<b>FIT-ASIA</b>  Mr. Bradley Cornell, Boeing Engineering email: <a href="mailto:Bradley.D.Cornell@Boeing.Com">Bradley.D.Cornell@Boeing.Com</a>	Boeing USA	FIT	Current	FIRs in the Asian Region not covered by IPACG/FIT and ISPACG/FIT
<b>IPACG/FIT</b>  Mr. Shoichi Kosugi, JCAB Co-Chair email: <a href="mailto:kosugi-s07vf@mlit.go.jp">kosugi-s07vf@mlit.go.jp</a> and Mr. Reed Sladen, FAA Co-Chair, email: <a href="mailto:reed.b.sladen@faa.gov">reed.b.sladen@faa.gov</a>	Japan and USA	FIT & CRA	Current	North & Central Pacific (Oceanic airspace within Fukuoka FIR, and Anchorage & Oakland FIRs)
<b>ISPACG/FIT</b>  Mr. Bradley Cornell, Boeing Engineering email: <a href="mailto:Bradley.D.Cornell@Boeing.Com">Bradley.D.Cornell@Boeing.Com</a>	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)

