



ICAO

International Civil Aviation Organization

Twelfth Meeting of the FANS Interoperability Team – Asia  
(FIT-Asia/12)

Video Teleconference, 25 – 28 July 2022

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### Agenda Item 3: PBCS Developments and Implementation

#### COMPETENT AIRSPACE SAFETY MONITORING ORGANIZATIONS LIST

(Presented by the Secretariat)

##### SUMMARY

This paper presents the RASMAG *List of Competent Airspace Safety Monitoring Organizations* for review and update where appropriate by FIT-Asia.

### 1. INTRODUCTION

1.1 The Asia/Pacific Regional Airspace Safety Monitoring Advisory Group (RASMAG – the APANPIRG Sub-Group and parent body of FIT-Asia) 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 provided in **Attachment A** to this paper for review by FIT-Asia, and to form recommendations to RASMAG for any necessary update of the details for agencies responsible for FIT and CRA.

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to review and recommend any update the RASMAG List of Competent Airspace Safety Monitoring Organizations, where relevant to FIT-Asia.

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**APANPIRG Asia/Pacific Airspace Safety Monitoring**

**RASMAG LIST OF COMPETENT AIRSPACE SAFETY MONITORING ORGANISATIONS**

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 organisations. 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. RSP, RCP, RNP for performance-based horizontal separations);
- 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 18 July 2022)*

<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="https://www.airservicesaustralia.com/about-us/our-services/aama/">https://www.airservicesaustralia.com/about-us/our-services/aama/</a>	Australia	RMA	Current	Brisbane, Honiara, Jakarta, Melbourne, Nauru, Port Moresby and Ujung Pandang (including Timor-Leste) FIRs
Dr Amelia Gontar, Risk Intelligence Specialist Safety and Risk Airservices Australia Email: <a href="mailto:amelia.gontar@airservicesaustralia.com">amelia.gontar@airservicesaustralia.com</a> ; or <a href="mailto:aama@airservicesaustralia.com">aama@airservicesaustralia.com</a> ;		EMA	Current	Brisbane, Melbourne, Honiara, Nauru, and Port Moresby FIRs

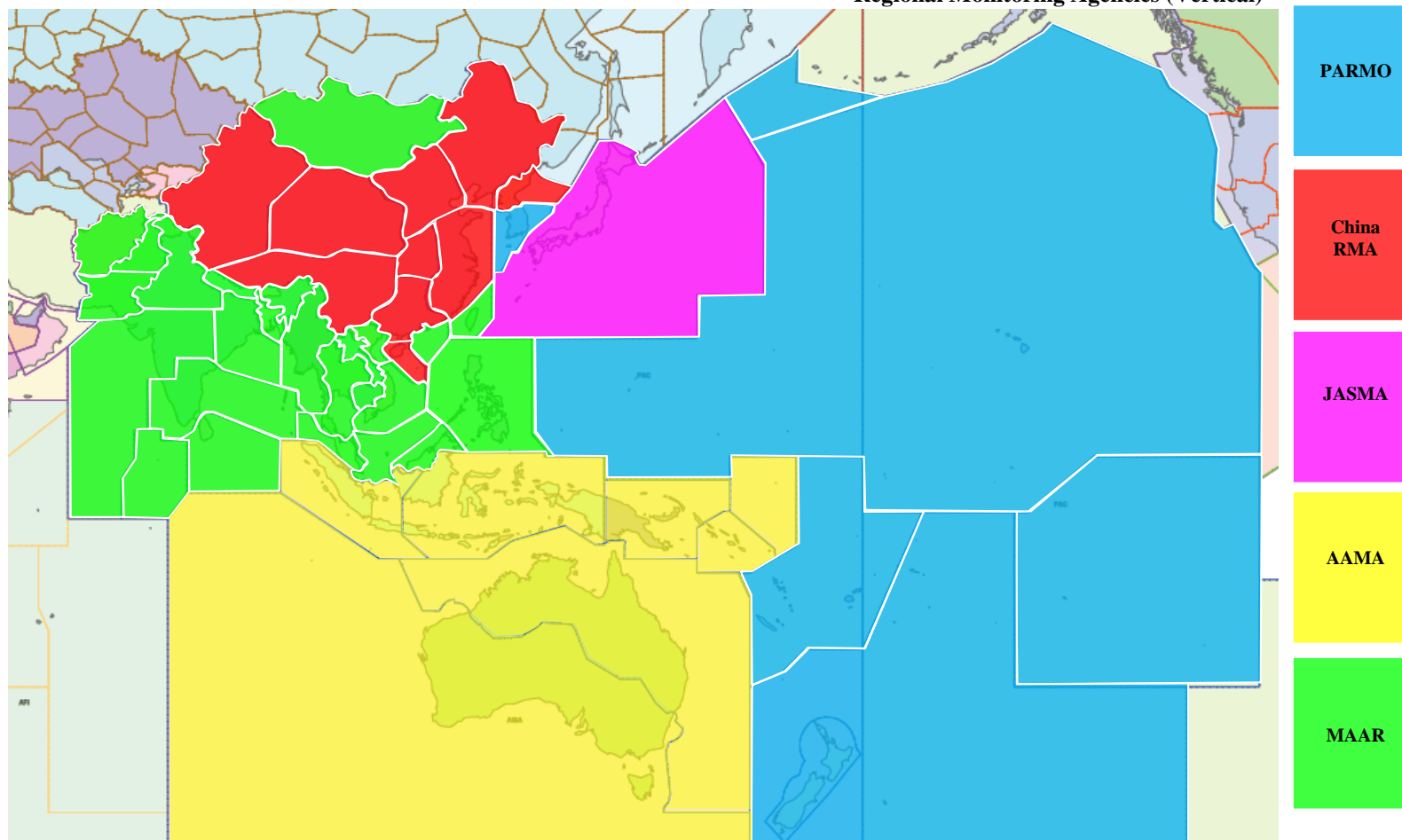
<p><b>China RMA - Air Traffic Management Bureau, (ATMB) of Civil Aviation Administration of China (CAAC)</b></p> <p><a href="http://www.chinarma.cn">http://www.chinarma.cn</a></p> <p>Mr. Yongyue Chen (Monsoon), Coordinator of China RMA, ADCC, ATMB of CAAC email: <a href="mailto:rmachina@rmachina.cn">rmachina@rmachina.cn</a></p>	China	RMA & EMA	Current	RMA for: Beijing, Guangzhou, Kunming, Lanzhou, Pyongyang, Sanya, Shanghai, Shenyang, Urumqi, and Wuhan FIRs. EMA for: Lanzhou and Urumqi FIRs
<p><b>India Bay of Bengal Arabian Sea Indian Ocean Safety 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) - Japan Civil Aviation Bureau (JCAB)</b></p> <p><a href="https://www.jasma.jp">https://www.jasma.jp</a></p> <p>Mr. Yasuhiro MARUTSUKA, Special Assistant to the Director, Flight Procedures and Airspace Program Office, Japan Civil Aviation Bureau, email : <a href="mailto:marutsuka-y0799@mlit.go.jp">marutsuka-y0799@mlit.go.jp</a> : <a href="mailto:hqt-JASMA@gxb.mlit.go.jp">hqt-JASMA@gxb.mlit.go.jp</a> : <a href="mailto:jasma-hq@jasma.jp">jasma-hq@jasma.jp</a></p> <p>Central Reporting Agency Japan (CRA Japan) Mr. Yukio IMADA, Special Assistant to the Director, Air Navigation Services Planning Division, Civil Aviation Bureau, MLIT email: <a href="mailto:imada-y037c@mlit.go.jp">imada-y037c@mlit.go.jp</a></p>	Japan	RMA and EMA  CRA	Current  Current	Fukuoka FIR

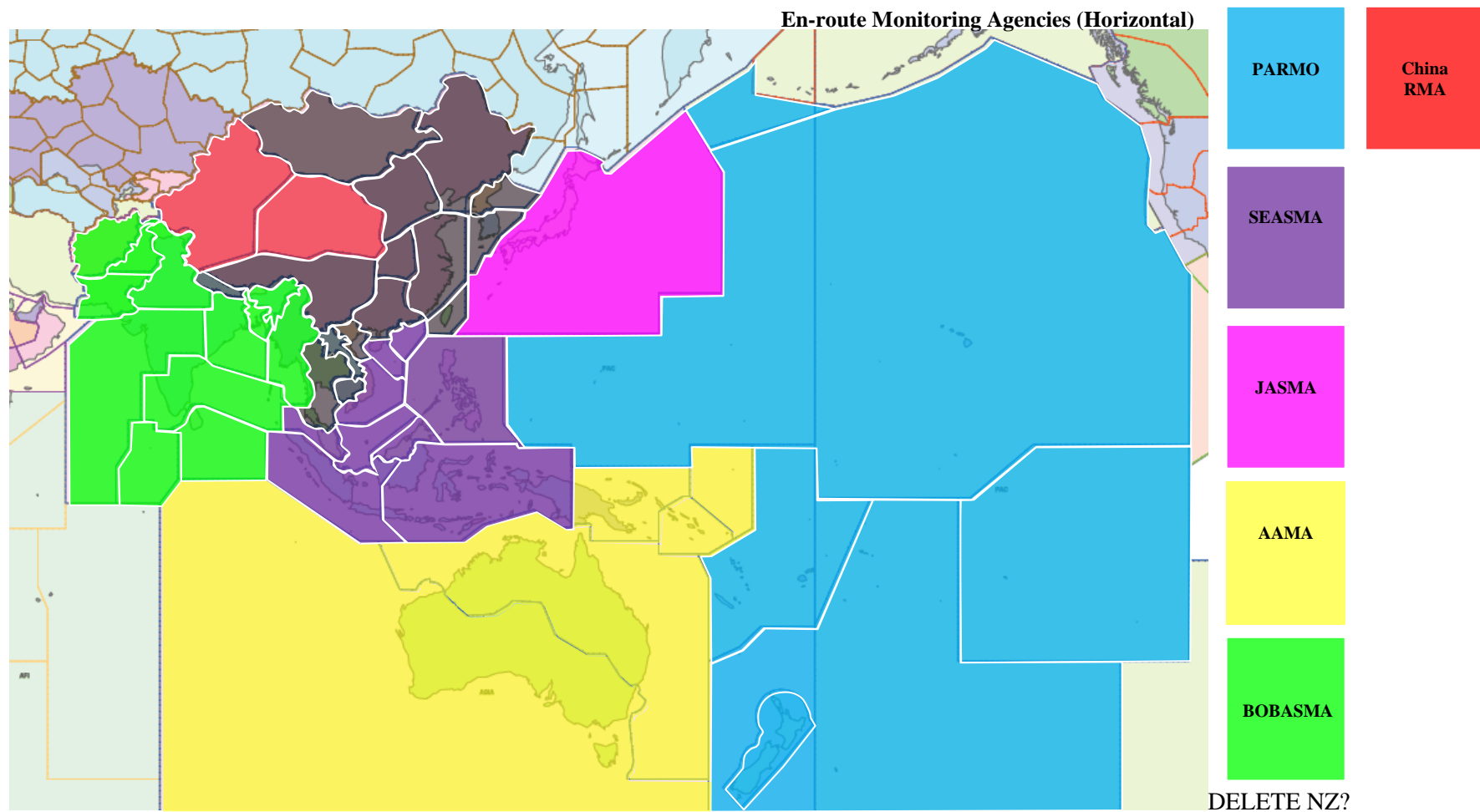
<p><b>Monitoring Agency for the Asia Region (MAAR) Aeronautical Radio of Thailand LTD (AEROTHAI)</b></p> <p><a href="http://www.aerothai.co.th/maar">http://www.aerothai.co.th/maar</a></p> <p>Mr. Theeravut Sungseemek Director, Safety Management Department &amp; MAAR AEROTHAI Email: <a href="mailto:maar@aerothai.co.th">maar@aerothai.co.th</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, Taipei, Ulaan Bataar, Vientiane, Yangon FIRs
<p><b>Pacific Approvals Registry and Monitoring Organization (PARMO) – 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>Christine Falk Federal Aviation Administration Separation Standards Analysis Branch Safety Analysis Subject Matter Expert <a href="mailto:parmo@faa.gov">parmo@faa.gov</a></p>	USA	RMA and EMA	Current	<p><u>RMA</u> for Anchorage Oceanic, Auckland Oceanic, Incheon, Nadi, Oakland Oceanic, Tahiti FIRs</p> <p><u>EMA</u> for Anchorage Oceanic, Auckland Oceanic, Nadi, Oakland Oceanic, Tahiti FIRs</p>
<p><b>South East Asia Safety Monitoring Agency (SEASMA) - Civil Aviation Authority of Singapore (CAAS)</b></p> <p>Mr. Chew Han Jun Principal Air Traffic Control Manager (ANS Safety &amp; Security), Air Navigation Services Group Email: <a href="mailto:chew_han_jun@caas.gov.sg">chew_han_jun@caas.gov.sg</a>;</p> <p><a href="https://www.caas.gov.sg/operations-safety/airspace/south-east-asia-safety-monitoring-agency">https://www.caas.gov.sg/operations-safety/airspace/south-east-asia-safety-monitoring-agency</a></p>	Singapore	EMA and CRA	Current	<p><u>EMA</u> for Hong Kong, Ho Chi Minh, Kota Kinabalu, Kuala Lumpur, Manila, Jakarta, Sanya, Singapore and Ujung Pandang FIRs</p> <p><u>CRA</u> for Singapore, Viet Nam and Philippines</p>

<p><b>FIT-ASIA</b></p> <p>ICAO Asia and Pacific Regional Office Email: <a href="mailto:apac@icao.int">apac@icao.int</a>; <a href="mailto:ssumner@icao.int">ssumner@icao.int</a>;</p> <p>Mr. Kwek Chin Lin Chair, FIT-Asia Email: <a href="mailto:kwek_chin_lin@caas.gov.sg">kwek_chin_lin@caas.gov.sg</a>.</p> <p>Mr. Bradley Cornell, Boeing Engineering email: <a href="mailto:Bradley.D.Cornell@Boeing.Com">Bradley.D.Cornell@Boeing.Com</a></p>	<p>FIT-Asia States</p> <p>Boeing USA</p>	<p>FIT</p> <p>CRA</p>	<p>Current</p> <p>Current</p>	<p>FIRs in the Asian Region not covered by IPACG/FIT and ISPACG/FIT</p> <p>FIRs in the Asian Region not covered by IPACG/FIT, ISPACG/FIT, JASMA or SEASMA</p>
<p><b>IPACG/FIT</b></p> <p>Mr. Yukio IMADA JCAB IPACG/FIT Co-Chair email : <a href="mailto:imada-y037c@mlit.go.jp">imada-y037c@mlit.go.jp</a> ;</p> <p>Mr. John Roman FAA IPACG/FIT Co-Chair Email: <a href="mailto:john.roman@faa.gov">john.roman@faa.gov</a></p>	<p>Japan and USA</p>	<p>FIT &amp; CRA</p>	<p>Current</p>	<p>North &amp; Central Pacific (Oceanic airspace within Fukuoka FIR, and Anchorage &amp; Oakland FIRs)</p>



**Regional Monitoring Agencies (Vertical)**





Central Reporting Agencies and FITs (Data-link)

