



ICAO

International Civil Aviation Organization

Eleventh Meeting of the FANS Interoperability Team – Asia
(FIT-Asia/11)

Video Teleconference, 23 – 26 August 2021

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 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. 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 12 July 2019)

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. Simon McDonald, Safety Performance Analyst and Researcher, Safety Assurance Branch Safety and Assurance Group Airservices Australia email: simon.mcdonald@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, Honiara, Nauru, and Port Moresby FIRs

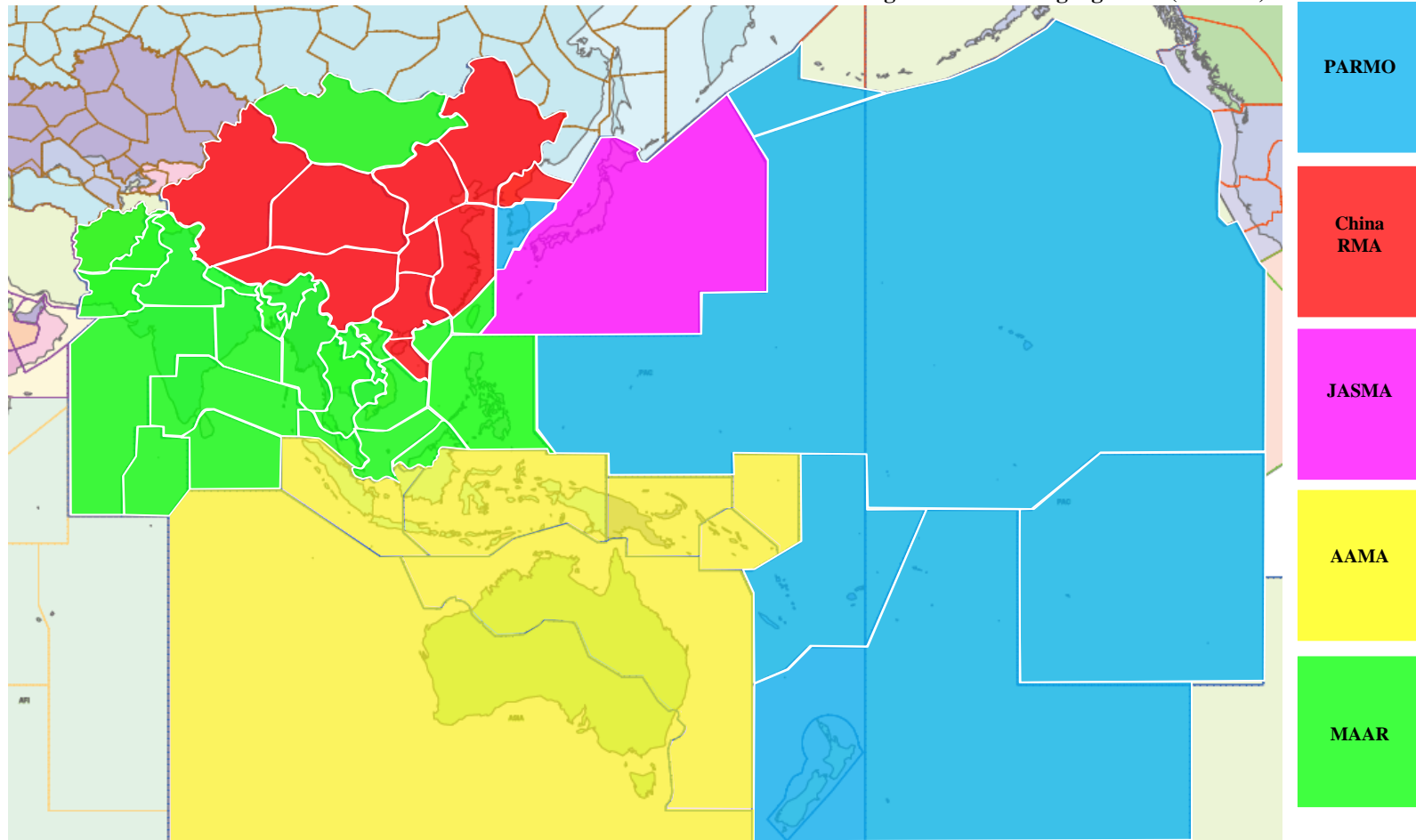
Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
<p>China RMA - Air Traffic Management Bureau, (ATMB) of Civil Aviation Administration of China (CAAC)</p> <p>http://www.chinarma.cn</p> <p>Mr. Yongyue Chen (Monsoon), Coordinator of China RMA, ADCC, ATMB of CAAC email: rmachina@rmachina.cn</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>India Bay of Bengal Arabian Sea Indian Ocean 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>	India	EMA	Current	Chennai, Colombo, Delhi, Dhaka, Kabul, Karachi, Kolkata, Lahore, Male, Mumbai, Yangon,
<p>Japan Airspace Safety Monitoring Agency (JASMA)</p> <p>Mr. Yasuhiro MARUTSUKA, Special Assistant to the Director, Flight Procedures and Airspace Program Office, Japan Civil Aviation Bureau, email : marutsuka-y0799@mlit.go.jp : hqt-JASMA@ml.mlit.go.jp : jasma-hq@jasma.jp</p> <p>CRA function: Mr. Hiroyuki WADA, Special Assistant to the Director, Air Navigation Services Planning Division, Civil Aviation Bureau, MLIT email: wada-h22t5@mlit.go.jp</p>	Japan	RMA, EMA and CRA	Current	Fukuoka FIR

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>Mr. Theeravut Sungseemek Director, Safety Management Department & MAAR AEROTHAI Email: maar@aerothai.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, Kabul, Karachi, Kathmandu, Kota Kinabalu, Kuala Lumpur, Lahore, Male, Manila, Mumbai, Phnom Penh, Singapore, Taibei, 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>Christine Falk Federal Aviation Administration Separation Standards Analysis Branch Safety Analysis Subject Matter Expert parmo@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, Tahiti FIRs</p> <p><u>EMA</u> for Anchorage Oceanic, Auckland Oceanic, Nadi, Oakland Oceanic, Tahiti FIRs</p>
<p>South East Asia Safety Monitoring Agency (SEASMA) - Civil Aviation Authority of Singapore (CAAS)</p> <p><u>Ms Valerie Sim, Air Traffic Manger (ANS Safety & Security), Air Navigation Group</u> Email: Valerie_sim@caas.gov.sg https://www.caas.gov.sg/operations-safety/airspace/south-east-asia-safety-monitoring-agency</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, Singapore and Ujung Pandang FIRs</p> <p><u>CRA</u> for Singapore, Viet Nam and Philippines</p>

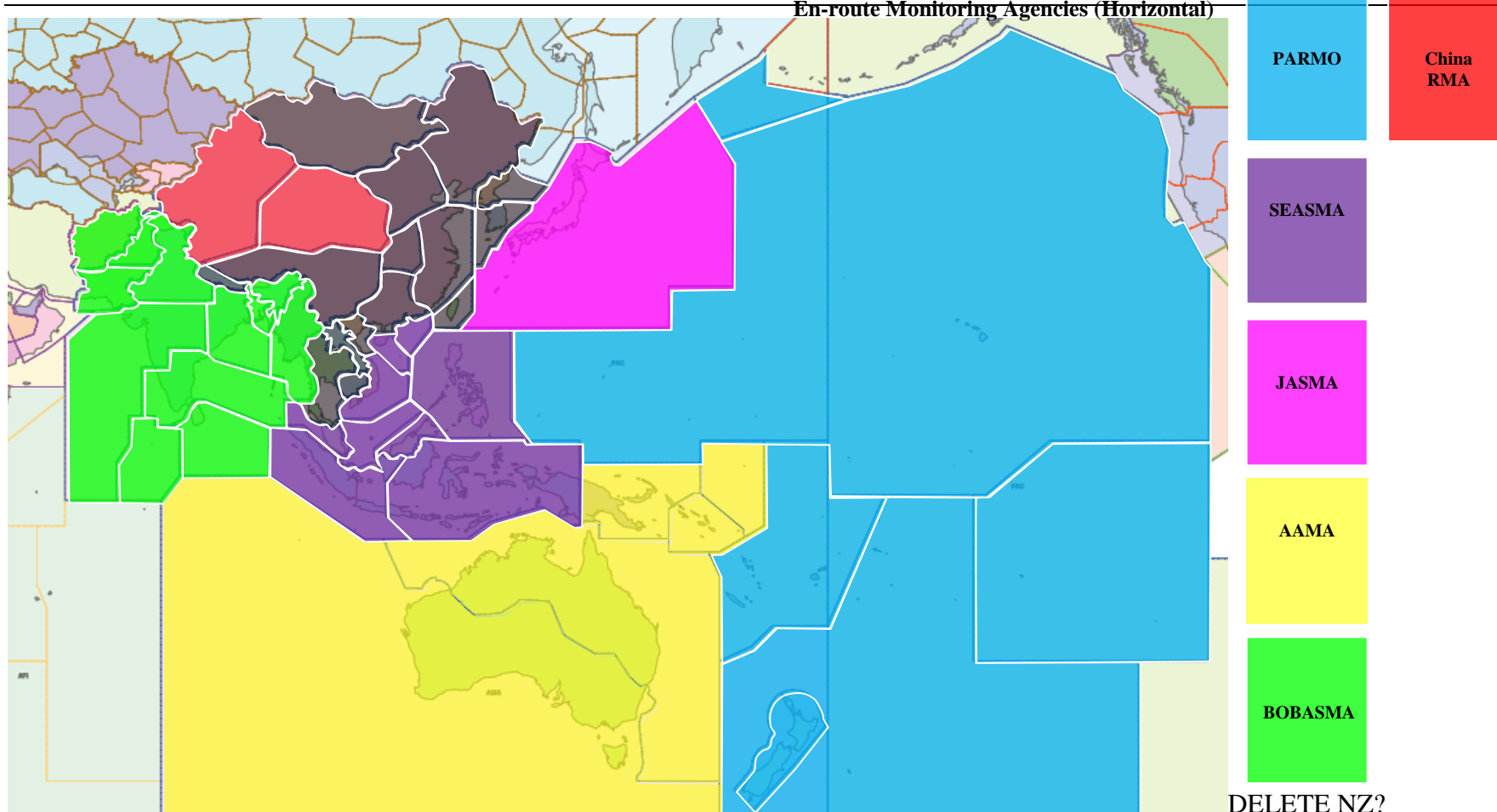
Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
<p>FIT-ASIA</p> <p>ICAO Asia and Pacific Regional Office Email: apac@icao.int; ssummer@icao.int;</p> <p>Mr. Kwek Chin Lin Chair, FIT-Asia Email: kwek_chin_lin@caas.gov.sg.</p> <p>Mr. Bradley Cornell, Boeing Engineering email: Bradley.D.Cornell@Boeing.Com</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>IPACG/FIT</p> <p>To be advised (FAA and JCAB Co-Chairs) email: to be advised</p>	<p>Japan and USA</p>	<p>FIT & CRA</p>	<p>TBA</p>	<p>North & Central Pacific (Oceanic airspace within Fukuoka FIR, and Anchorage & Oakland FIRs)</p>

Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
<p>ISPACG/FIT</p> <p>Mr. Mat Fraser Airways New Zealand ISPACG Co-Chair Email: mathew.fraser@airways.co.nz</p> <p>Mr. Ahmad UJsmani, FAA ISPACG Co-Chair Email: ahmad.usmani@faa.gov</p> <p>Mr. Hiroyuki WADA, JCAB Co-Chair, email : wada-h22t5@mlit.go.jp</p> <p>Mr. Bradley Cornell, Boeing Engineering ISPACG/FIT Chair email: Bradley.D.Cornell@Boeing.Com</p> <p>Mr. Michael Matyas Boeing Engineering ISPACG lead Email: michael.matyas@boeing.com</p>	<p>ISPACG States</p> <p>Boeing USA</p> <p>Boeing USA</p>	<p>FIT&CRA</p> <p>FIT & CRA</p> <p>CRA</p>	<p>Current</p>	<p>South Pacific FIRs and members of the Informal South Pacific ATS Coordination Group (ISPACG)</p>

Regional Monitoring Agencies (Vertical)



En-route Monitoring Agencies (Horizontal)



Central Reporting Agencies and FITs (Data-link)

