



International Civil Aviation Organization

**The Twenty-First Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/21)**

Bangkok, Thailand, 14-17 June 2016

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

COMPETENT AIRSPACE SAFETY MONITORING ORGANIZATIONS

(Presented by the Secretariat)

SUMMARY

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

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 an informal list of China RMA's technical group members as at June 2016, for any coordination matters.

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 30 August 2012)

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, Systemic Analysis, Monitoring and Review Manager, Safety Improvement Branch Safety, Environment and Assurance Group Airservices Australia 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, Honiara and Nauru FIRs

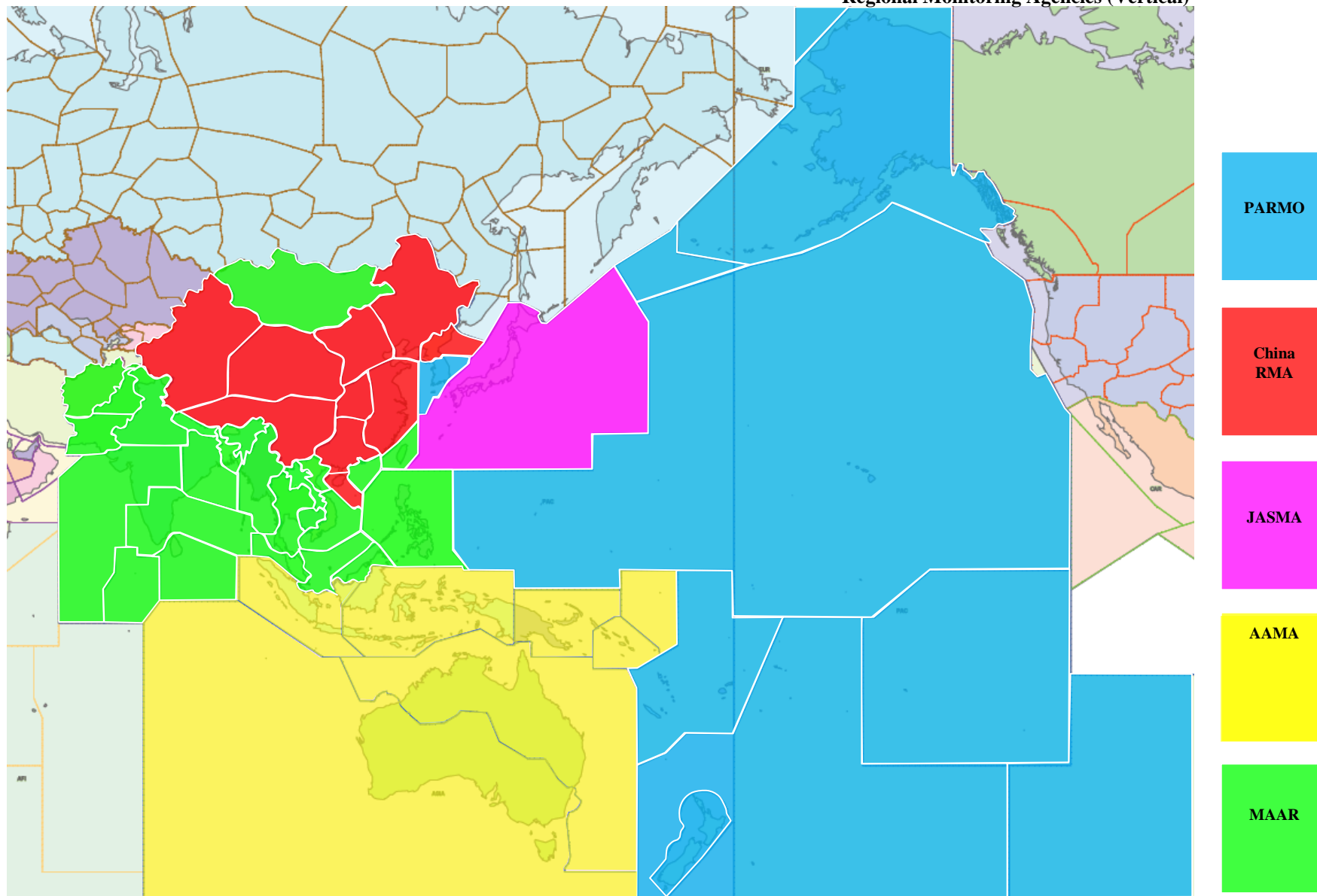
Organisation <i>(including contact officer)</i>	State	Competency	Status	Airspace assessed (FIRs)
<p>China RMA - Air Traffic Management Bureau, (ATMB) of Civil Aviation Administration of China (CAAC)</p> <p>http://www.chinarma.cn</p> <p>Ms. Susan Jun Zhao, Coordinator of China RMA, ADCC, ATMB of CAAC email: rmachina@rmachina.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 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>	<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. Takashi Imuta, Special Assistant to the Director, Flight Procedures and Airspace Program Office, Japan Civil Aviation Bureau, email: imuta-t07j7@mlit.go.jp</p> <p><u>CRA function:</u> Mr. Natsuki IBE, Special Assistant to the Director, Air Navigation Services Planning Division, Civil Aviation Bureau of Japan</p>	<p>Japan</p>	<p>RMA, EMA and CRA</p>	<p>Current</p>	<p>Fukuoka FIR</p>

RASMAG/20
WP35 Attachment A

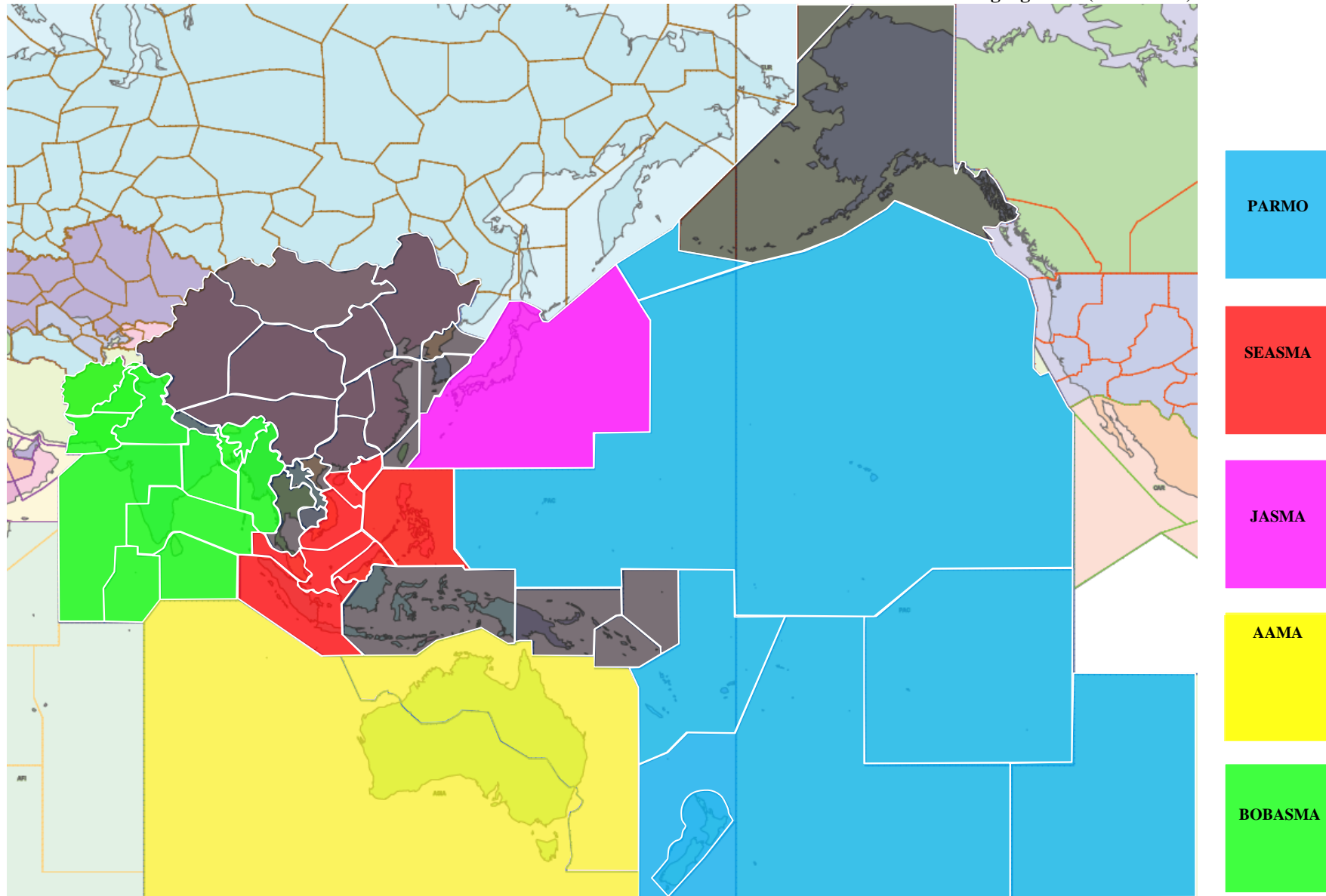
Organisation (including contact officer)	State	Competency	Status	Airspace assessed (FIRs)
email: ibe-n24hy@mlit.go.jp web site: http://www.jasma.jp				
Monitoring Agency for the Asia Region (MAAR) Aeronautical Radio of Thailand LTD (AEROTHAI) http://www.aerothai.co.th/maar Mr. Chumnan Ruechai Mr. Theeravut Sungseemek Director, Safety Management Department & MAAR AEROTHAI Email: maar@aerothai.co.th	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
Pacific Approvals Registry and Monitoring Organization (PARMO) – Federal Aviation Administration (US FAA) http://www.faa.gov/air_traffic/separation_standards/parmo/ Christine Falk Federal Aviation Administration Separation Standards Analysis Branch Safety Analysis Subject Matter Expert parmo@faa.gov	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
South East Asia Safety Monitoring Agency (SEASMA) - Civil Aviation Authority of Singapore (CAAS) Mr. Kuah Kong Beng, Director Air Traffic Services, email: KUAH_Kong_Beng@caas.gov.sg	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

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	Current	FIRs in the Asian Region not covered by IPACG/FIT and ISPACG/FIT
IPACG/FIT Mr. Natsuki IBE, JCAB Co-Chair, email: ibe-n24hy@mlit.go.jp and To be advised (FAA Co-Chair) email: to be advised	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)

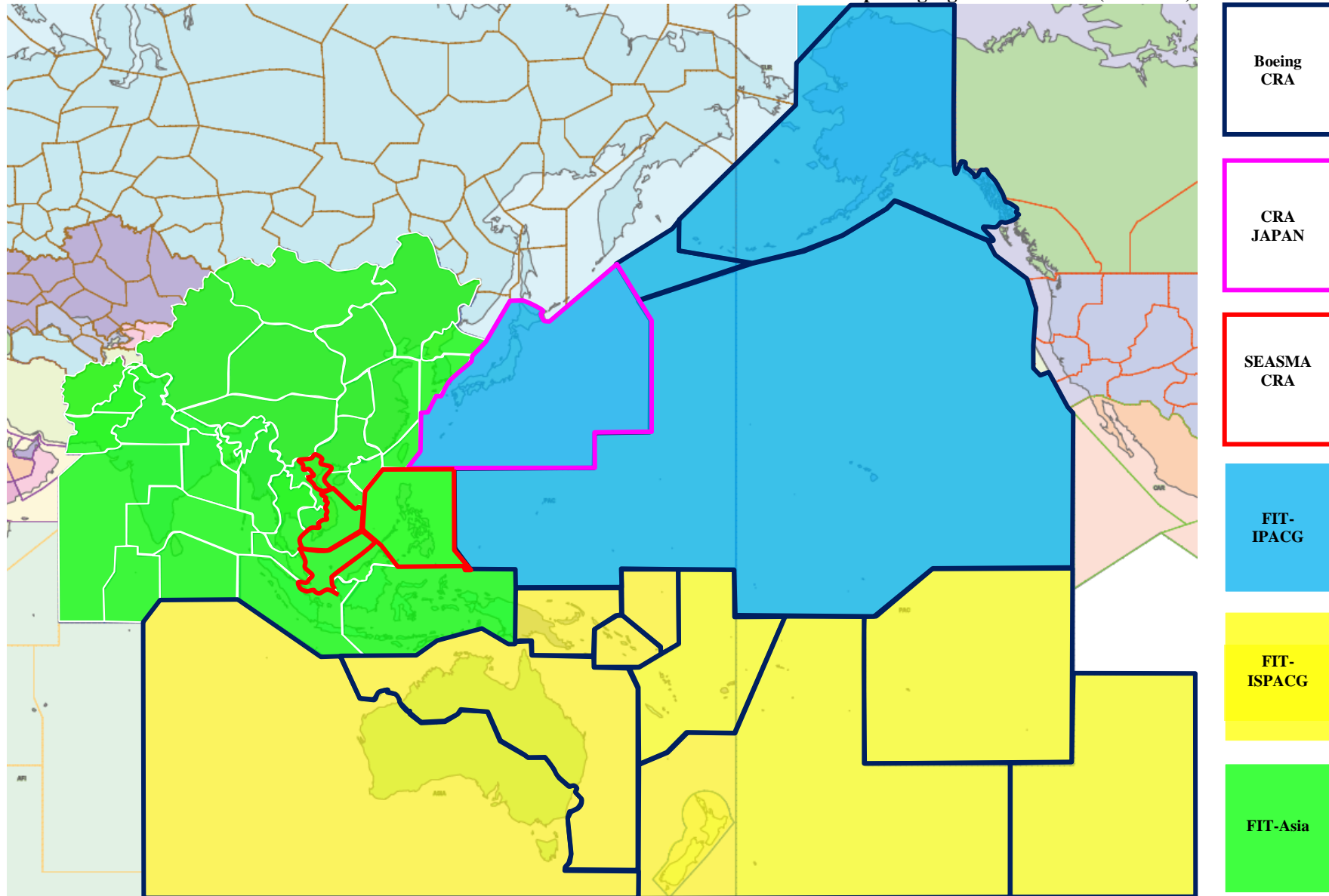
Regional Monitoring Agencies (Vertical)



En-route Monitoring Agencies (Horizontal)



Central Reporting Agencies and FITs (Data-link)



China RMA technical group members:

1. Mr. Xiaoxu Zheng (Tony) : zhengxx@adcc.com.cn
China RMA engineer : RVSM approval registration management and approval check, data analysis
2. Ms. Huiyan Li (Crystal): lihy@adcc.com.cn
China RMA enginee : business research, training and system requirement analysis, data analysis
3. Ms. Junying Gao (Christina); gaojy@adcc.com.cn
China RMA engineer : LHD data coordination, analysis and safety assessment, business research
4. Mr. Dawei Xu (David): xudw@adcc.com.cn
China RMA engineer : On-board monitoring coordination and scheduling
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China RMA engineer : system development and maintenance
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China RMA engineer : requirement analysis,system development
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China RMA senior engineer : research on models and algorithms, ADS-B monitoring data analysis
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China RMA assistant manager : ADS-B monitoring data analysis, system development and coordination, business research
9. Ms. Jun Zhao (Susan): zhaoj@adcc.com.cn
China RMA technical manager, China RMA coordinator: business research and project management

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