



ICAO

*International Civil Aviation Organization*

**The Fourth Meeting of the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (SAIOSEACG/4)**

Bangkok, Thailand, 18 – 21 March 2025

### **Agenda Item 3: Review of Current Operations and Problem Areas**

#### **APANPIRG ATM AND AIRSPACE SAFETY DEFICIENCIES LIST**

(Presented by Secretariat)

##### **SUMMARY**

This paper presents a list of Air Navigation Deficiencies noted by the Thirty-Fifth Meeting of Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/35) in the Air Traffic Management (ATM) and Airspace Safety fields, for review by the meeting. The list is based on the uniform methodology for the identification, assessment and reporting of such deficiencies as described in Part V of the *APANPIRG Procedural Handbook*.

## **1. INTRODUCTION**

1.1 Under the Terms of Reference of APANPIRG, one of its primary objectives is to identify and address specific deficiencies in the air navigation field. In meeting this objective, APANPIRG facilitates the development and implementation of action plans by States to resolve identified deficiencies, where necessary. Consequently, APANPIRG, its Sub-groups and their contributory bodies regularly review deficiencies in their respective fields and develop recommendations for remedial actions.

1.2 APANPIRG Air Navigation Services (ANS) deficiencies are identified in accordance with the Uniform Methodology for the Identification, Assessment and Reporting of Air Navigation Deficiencies, together with the related Asia/Pacific Supplement to the Uniform Methodology, as detailed in the APANPIRG Procedural Handbook.

1.3 The Twenty-First Meeting of APANPIRG (APANPIRG/21, September 2010) reviewed the updated list based on information provided by concerned States to ATM/AIS/SAR/SG/20 (July 2010, Singapore). ICAO urge States that had not taken firm corrective action to eliminate the deficiencies, and adopted the following Conclusion.

#### ***Conclusion APANPIRG21/ 53 – Elimination of ATM Air Navigation Deficiencies***

*That, States concerned*

*a) be urged to take urgent actions to correct the deficiencies in the ATM/AIS/SAR fields identified in Attachment A to the Report on Agenda Item 4;*

*b) notify details of the problems/difficulties to the Regional Office; and*

*c) designate a point of contact in each State to deal with deficiencies and provide details to the Regional Office by 22 October 2010.*

## 2. DISCUSSION

### APANPIRG Air Navigation Deficiencies in the ATM and Airspace Safety Fields

2.1 The current list of APANPIRG Air Navigation Deficiencies in the ATM and Airspace Safety fields shown in **Attachment A** to this paper.

### Aeronautical Information Management (AIM) Deficiencies

2.2 The following States have Deficiencies recorded for non-implementation of World Geodetic System 1984 (WGS-84):

Afghanistan, Brunei Darussalam, Marshall Islands, Micronesia, Nauru, Palau, Samoa, and Vanuatu

2.3 The following State have Deficiencies recorded for non-compliance with AIP format standards of ICAO Annex 15:

Kiribati.

2.4 Approved by APANPIRG/35 (25-27 November 2024), Nauru was removed from the Deficiency.

2.5 The following States have Deficiencies recorded for non-implementation of AIS Quality Management System as required in Annex 15 Chapter 3:

Afghanistan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, Kiribati, Lao PDR, Maldives, Marshall Islands, Micronesia, Myanmar, Nauru, Nepal, Palau, Samoa, Solomon Islands, Timor-Leste and Vanuatu.

2.6 Approved by APANPIRG/35 (25-27 November 2024), Philippines and Sri Lanka were removed from the Deficiency.

### Aeronautical Data Area of Responsibility Deficiencies

2.7 The following State has a Deficiency recorded for non-compliance with the aeronautical data area of responsibility requirements of Annex 15 Chapter 2:

Bangladesh.

### Designation of Restricted Areas Deficiencies

2.8 The following States have Deficiencies recorded for non-compliance with Annex 2 requirements for designation of Restricted Areas:

Australia and India.

### Airspace Classification Deficiencies

2.9 The following States and Administration have Deficiencies recorded for non-implementation of airspace classification requirements of Annex 11 Chapter 2:

China, Macao China, Nauru and the Solomon Islands.

ATS Message Addressing Deficiencies

2.10 The following State has a Deficiency recorded for non-compliance with procedures specified in PANS-ATM Section 11.4:

Maldives.

Search and Rescue (SAR) Deficiencies

2.11 The following States and Administrations had a Deficiency recorded for non-implementation of the Asia/Pacific Air Navigation Plan Vol II Part I Section 3 Specific Regional Requirements for implementation of the Asia/Pacific Search and Rescue (SAR) Plan:

Afghanistan, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, Macao China, Cook Islands, DPR Korea, French Polynesia, Kiribati, Lao PDR, Maldives, Marshall Islands, Micronesia, Mongolia, Myanmar, Nauru, Nepal, New Caledonia, Pakistan, Palau, Papua New Guinea, Samoa, Solomon Islands, Sri Lanka, Thailand, Timor-Leste, Tonga, Tuvalu and Vanuatu.

2.12 Approved by APANPIRG/35 (25-27 November 2024), Malaysia and Philippines were removed from the Deficiency.

Safety Reporting Deficiencies (RASMAG)

2.13 The following States have a Deficiency recorded for non-provision of safety-related data:

Afghanistan.

2.14 The following States have a Deficiency concerning responsibility to comply with the height-keeping monitoring requirements of Annex 6:

Afghanistan, India, Nepal and Philippines.

2.15 Approved by APANPIRG/35 (25-27 November 2024), Mongolia, New Zealand, Pakistan, Papua New Guinea, and the Solomon Island were removed from the Deficiency.

2.16 In addition, India and the Philippines were added to the Deficiency due to their remaining monitoring burden being 30% or more.

ATS Datalink Deficiencies (RASMAG)

2.17 The following State has a Deficiency recorded for non-compliance with the data link performance monitoring and analysis requirements of Annex 11:

India

2.18 Approved by APANPIRG/35 (25-27 November 2024), Maldives was removed from the Deficiency.

Points of Contact

2.19 The List of Contacts for Deficiencies currently on the ICAO Secure Portal website at <https://portal.icao.int/DEF/Pages/default.aspx> is at **Attachment B** for review as required.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review the list of ATM and Airspace Safety Deficiencies;
- b) identify actions to be taken to correct the identified deficiencies;
- c) update the Deficiency Points of Contact List as required; and
- d) discuss any relevant matters as appropriate.

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ATM and Airspace Safety Deficiencies List (Updated 01 November 2024)

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
	<b><u>WGS-84 Requirements of Paragraph 1.2.1 of Annex 15</u></b>					
Afghanistan	WGS-84 - Not implemented	24/6/2014		Afghanistan	TBD	A
Brunei Darussalam	WGS-84 - Not implemented	24/6/2014		Brunei Darussalam	<del>TBD</del> 31/12/2025	A
Marshall Islands	WGS-84 - Not implemented	24/6/2014		Marshall Islands	TBD	A
Micronesia	WGS-84 - Not implemented	24/6/2014		Micronesia	TBD	A
Nauru	WGS-84 - Not implemented		Conferring with consultant	Nauru	TBD	A
Palau	WGS-84 - Not implemented	24/6/2014		Palau	TBD	A
Samoa	WGS-84 - Not implemented	24/6/2014		Samoa	TBD	A
Vanuatu	WGS-84 – Not implemented	2/7/1999	Implemented at main airports	Vanuatu	1999	A
	<b><u>AIP Format Requirements of Chapter 5 of Annex 15</u></b>					
Kiribati	AIP Format - Not implemented	7/7/99	ATM/AIS/SAR/SG/18 (June 2009) was advised AIP in draft stage	Kiribati		A
<del>Nauru</del>	<del>AIP Format – Not implemented</del>	<del>7/7/99</del>	<del>ATM/AIS/SAR/SG/18 (June 2008) was advised work soon to start</del>	<del>Nauru</del>		<del>A</del>
	<b><u>AIS Quality Management System Requirements of Paragraph 3.6.1 of Annex 15 Quality Management System - Not implemented</u></b>					
Afghanistan	AIS Quality Management System - Not implemented	24/6/2014		Afghanistan	TBD	A

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
Bangladesh	AIS Quality Management System - Not implemented	24/6/2014		Bangladesh	TBD	A
Bhutan	AIS Quality Management System - Not implemented	24/6/2014		Bhutan	TBD	A
Brunei Darussalam	AIS Quality Management System - Not implemented	24/6/2014		Brunei Darussalam	<del>TBD</del> 31/03/2026	A
Cambodia	AIS Quality Management System - Not implemented	24/6/2014		Cambodia	TBD	A
Kiribati	AIS Quality Management System - Not implemented	24/6/2014		Kiribati	TBD	A
Lao PDR	AIS Quality Management System - Not implemented	24/6/2014		Lao PDR	TBD	A
Maldives	AIS Quality Management System - Not implemented	24/6/2014		Maldives	<del>TBD</del> 30/09/2024	A
Marshall Islands	AIS Quality Management System - Not implemented	24/6/2014		Maldives	TBD	A
Micronesia	AIS Quality Management System - Not implemented	24/6/2014		Micronesia	TBD	A
Myanmar	AIS Quality Management System - Not implemented	9/6/2016		Myanmar	<del>TBD</del> 31/12/2025	A
Nauru	AIS Quality Management System - Not implemented	24/6/2014		Nauru	TBD	A
Nepal	AIS Quality Management System - Not implemented	24/6/2014		Nepal	TBD	A
Palau	AIS Quality Management System - Not implemented	24/6/2014		Palau	TBD	A

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
Philippines	<del>AIS Quality Management System – Not implemented</del>	24/6/2014		Philippines	TBD	A
Samoa	AIS Quality Management System - Not implemented	24/6/2014		Samoa	TBD	A
Solomon Islands	AIS Quality Management System - Not implemented	24/6/2014		Solomon Islands	TBD	A
<del>Sri Lanka</del>	<del>AIS Quality Management System – Not implemented</del>	9/6/2016		<del>Sri Lanka</del>	TBD	A
Timor-Leste	AIS Quality Management System - Not implemented	24/6/2014		Timor-Leste	TBD	A
Vanuatu	AIS Quality Management System - Not implemented	24/6/2014		Vanuatu	TBD	A
	<b><u>Aeronautical Data Area of Responsibility</u> - requirements of Paragraph 2.1.2 of Annex 2 to ensure that the provision of aeronautical data and aeronautical information covers its own territory and those areas over the high seas for which it is responsible for the provision of ATS</b>					
Bangladesh	Aeronautical Data Promulgation Within the State's Area of Responsibility - Not implemented	29/03/2019 SAIOACG/9		Bangladesh	TBD	A
	<b><u>Designation of Restricted Areas</u> - requirements of Annex 2 (Definitions) to ensure that restricted areas are designated above the land areas or territorial waters of a State</b>					

**Attachment A**

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
Australia	Designation of Restricted Areas Above the Land Areas or Territorial Waters of a State - Not implemented	29/03/2019 SAIOACG/9	Danger areas within international airspace that is part of a State's responsibility is acceptable	Australia	December 2022	A
India	Designation of Restricted Areas Above the Land Areas or Territorial Waters of a State - Not implemented	29/03/2019 SAIOACG/9	Danger areas within international airspace that is part of a State's responsibility is acceptable	India	TBD	A
	<b><u>Airspace Classification Requirements of Paragraph 2.6 of Annex 11</u></b>					
China	Airspace Classification - Not implemented	7/7/99	Difference to Annex 11 is published in AIP, China.	China	APANPIRG/19 updated, implementation planned by end 2010.	A
Macao, China	Airspace Classification - Not implemented	05/09/2018		Macau, China	TBD	A
Nauru	Airspace Classification - Not implemented	7/7/99		Nauru	TBD	A
Solomon Islands	Airspace Classification - Not implemented	7/7/99		Solomon Islands	TBD	A
	<b><u>ATS Message Addressing Requirements of Doc 4444 PANS-ATM Section 11.4 (Message Types and their Application)</u></b>		Note: the threshold for a Deficiency is 5% or more DEP messages reported to have not been sent, and where the analysed data provided evidence of a systemic (either systems or human factors) failure to send the message			

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
Maldives	DEP message transmission	09/08/2019	DEP messages inconsistently transmitted Conclusion APANPIRG/27/12 and ICAO correspondence	Maldives	TBD	A
	<b><u>SAR capability:</u> Requirements of Annex 12 as defined in the Regional Air Navigation Plan Volume II Part I – GENERAL PLANNING ASPECTS Section 3 SPECIFIC REGIONAL REQUIREMENTS, failure to reach 90% or more implementation of the Asia/Pacific SAR Plan</b>					
Afghanistan	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/6 56%	Afghanistan	2019	U
Bangladesh	Asia/Pacific SAR Plan	17/05/2019	<del>APSAR/WG/8 65%</del> APSAR/WG/9 65%	Bangladesh	2019	U
Bhutan	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/8 28%	Bhutan	2019	U
Brunei Darussalam	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/4 63%	Brunei	2019	U
Cambodia	Asia/Pacific SAR Plan	6/07/2015	<del>APSAR/WG/4 76%</del> APSAR/WG/9 76%	Cambodia	2019	U
Macao, China	Asia/Pacific SAR Plan	6/07/2015	<del>APSAR/WG/4 85%</del> APSAR/WG/9 88%	Macao, China	2019	U
Cook Islands	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/8 62%	Cook Islands	2019	U
DPR Korea	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/8 71%	DPR Korea	2019	U

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
French Polynesia	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/8 84%	French Polynesia	2019	U
Kiribati	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 26%	Kiribati	2019	U
Lao PDR	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 57%	Lao PDR	2019	U
Malaysia	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/8 85% APSAR/WG/8 92%	Malaysia	2019	U
Maldives	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/8 78%	Maldives	2019	U
Marshall Islands	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/5 17%	Marshall Islands	2019	U
Micronesia	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/5 17%	Micronesia	2019	U
Mongolia	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/5 73% APSAR/WG/9 89%	Mongolia	2019	U
Myanmar	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 67% APSAR/WG/9 69%	Myanmar	2019	U
Nauru	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 0%	Nauru	2019	U
Nepal	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/7 56% APSAR/WG/9 66%	Nepal	2019	U
New Caledonia	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/8 78%	New Caledonia	2019	U
Pakistan	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/8 89% APSAR/WG/9 89%	Pakistan	2019	U
Palau	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/5 17%	Palau	2019	U
Papua New Guinea	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/7 54%	Papua New Guinea	2019	U
Philippines	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/8 86% APSAR/WG/9 90%	Philippines	2019	U
Samoa	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 0%	Samoa	2019	U
Solomon Islands	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 0%	Solomon Islands	2019	U

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
Sri Lanka	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/8 83% APSAR/WG/9 84%	Sri Lanka	2019	U
Thailand	Asia/Pacific SAR Plan	17/05/2019	APSAR/WG/8 82% APSAR/WG/9 85%	Thailand	2019 2025	U
Timor-Leste	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 0%	Timor-Leste	2019	U
Tonga	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 70%	Tonga	2019	U
Tuvalu	Asia/Pacific SAR Plan	28/05/2022	APSAR/WG/7 0%	Tuvalu	2024	U
Vanuatu	Asia/Pacific SAR Plan	6/07/2015	APSAR/WG/4 0%	Vanuatu	2019	U
	<b><u>Non Provision of Safety-related Data Requirement of Paragraph 3.3.5.1 of Annex 11 (provision of data for monitoring the height-keeping performance of aircraft) and APANPIRG Conclusion 16/6 – Non Provision of safety related data by States</u></b>					
Afghanistan	Non-provision of safety related data	12/07/2019	Failure to submit Kabul LHD data for January-December 2018 and 2020. Afghanistan had submitted data for the period January to July 2021, but no further LHD reports were received after August 2021.	Afghanistan	RASMAG/27 TBD	U
	<b>State Responsibility to comply with the Annex 6 Height-Keeping Monitoring Requirement Annex 6 Part I Section 7.2.9 (10<sup>th</sup> Ed.) and Part II Section 2.5.2.10 (9<sup>th</sup> Ed.)</b>					
Afghanistan	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/23	Remaining monitoring burden of 50% (RASMAG/29)	Afghanistan	RASMAG/24 TBD	A

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
			MAAR informed ICAO that all known airframes in Afghanistan have complied with the monitoring requirement (November 2022). Deficiency retained due to the unknown status of the Afghanistan aeronautical authority responsible for ensuring monitoring is conducted.			
India	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/29	Remaining monitoring burden of 48% (RASMAG/29)	India	TBD	A
Mongolia	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/28	Remaining monitoring burden of 43% (RASMAG/28) Remaining monitoring burden of 18% (RASMAG/29)	Mongolia	TBD	A
Nepal	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/28	Remaining monitoring burden of 45% (RASMAG/28) Remaining monitoring burden of 45% (RASMAG/29)	Nepal	TBD	A
New Zealand	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/28	Remaining monitoring burden of 36% (RASMAG/28) Remaining monitoring burden of 11% (RASMAG/29)	New Zealand	TBD	A
Pakistan	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/22	Remaining monitoring burden of 45% (RASMAG/26) Remaining monitoring burden of 27% (RASMAG/29)	Pakistan	RASMAG/24	A
Papua New Guinea	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/28	Remaining monitoring burden of 69% (RASMAG/28) Remaining monitoring burden of 15% (RASMAG/29)	Papua New Guinea	TBD	A
Philippines	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/29	Remaining monitoring burden of 40% (RASMAG/29)	Philippines	TBD	A

States/facilities	Deficiencies			Corrective Action		
	Description	Date first reported	Remarks	Executing body	Target date	Priority **
Solomon Islands	Non-compliance with LTHM requirement (remaining monitoring burden more than 30%)	RASMAG/28	Remaining monitoring burden of 50% (RASMAG/28) Remaining monitoring burden of 0% (RASMAG/29)	Solomon Islands	TBD	A
	<b>Data Link Performance Monitoring and Analysis Requirements of Paragraph 2.28 and/or 3.3.5.2 of Annex 11 not met</b>					
India	Post-implementation monitoring not implemented	13/07/2017	Performance monitoring and analysis was reported for the Chennai and Kolkata FIRs, but was not reported for the Mumbai FIR.	India	TBD	A
Maldives	Post-implementation monitoring not implemented	29/5/2015	Problem Reports not provided to CRA. Performance monitoring and analysis not reported to FIT. (FIT-Asia/14): Disabled the ADS-C function from the ATM system due to an application issue, and CPDLC/HF is used beyond VHF coverage.	Maldives	TBD	A

\*\* Note: In accordance with the *APANPIRG Handbook - Asia/Pacific Supplement to the Uniform Methodology for the Identification, Assessment and Reporting of Air Navigation Deficiencies*, priority for Air Navigation Deficiencies is guided by the principle that a deficiency with respect to an ICAO Standard is accorded a “U” status, while a non-compliance with a Recommended Practice or a PANS is considered as “A” or “B” subject to additional expert evaluation. The final prioritization of deficiencies is the prerogative of APANPIRG.



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# LIST OF FOCAL POINT FOR AIR NAVIGATION DEFICIENCIES

Updated: 27 September 2024

STATE/ADMINISTRATION	FOCAL CONTACT PERSON
Afghanistan	<p><b>Name:</b> Mr. Mohammad Hamid Amiry</p> <p><b>Designation:</b> Aerodrome Certification Inspector</p> <p><b>Address:</b> Ministry of Transport &amp; Aviation (MoTA)</p> <p><b>Tel:</b></p> <p><b>Email:</b> _____</p>
Australia	<p><b>Name:</b> Mr. Chris Kumar</p> <p><b>Designation:</b> ATS Specialist Lead</p> <p><b>Address:</b> Airservices Australia</p> <p><b>Tel:</b></p> <p><b>Email:</b> _____</p>
Bangladesh	<p><b>Name:</b> Ms. Sabera Rahman</p> <p><b>Designation:</b> Deputy Director (ATM)</p> <p><b>Address:</b> Civil Aviation Authority of Bangladesh Air Traffic Management Division</p> <p><b>Tel:</b> –</p> <p><b>Fax:</b> –</p> <p><b>Email:</b> _____</p>
Bhutan	<p><b>Name:</b> Mr. Pema Tashi</p> <p><b>Designation:</b> Superintendent, ANS</p> <p><b>Address:</b> Bhutan Civil Aviation Authority</p> <p><b>Tel:</b></p> <p><b>Fax:</b></p> <p><b>Email:</b> _____</p>
Alternate	<p><b>Name:</b> Ms. Devi Maya Adikari</p> <p><b>Designation:</b> COM/NAV Officer</p> <p><b>Address:</b> Department of Air Transport, Paro</p> <p><b>Tel:</b></p> <p><b>Fax:</b></p> <p><b>Email:</b> _____</p>
Brunei Darussalam	<p><b>Name:</b> Mr. Mohamad Fauzi bin Mohamad Sidek</p> <p><b>Designation:</b> Acting Deputy Director of Civil Aviation (Regulator)</p> <p><b>Address:</b> Department of Civil Aviation, Brunei Darussalam</p> <p><b>Tel:</b></p> <p><b>Mob:</b></p> <p><b>Email:</b> _____</p>

STATE/ADMINISTRATION	FOCAL CONTACT PERSON
<b>Brunei Darussalam</b> <i>Alternate</i>	<b>Name:</b> Mr. Pengiran Rasman bin Pengiran Sulaiman <b>Designation:</b> Aerodrome Inspector <b>Address:</b> Department of Civil Aviation, Brunei Darussalam <b>Tel:</b> <b>Mob:</b> <b>Email:</b> _____
	<b>Name:</b> Ms. Norhidayah Haji Ismail <b>Designation:</b> Air Traffic Control Officer <b>Address:</b> Department of Civil Aviation, Brunei Darussalam <b>Tel:</b> <b>Mob:</b> <b>Email:</b> _____
<b>Cambodia</b>	<b>Name:</b> Mr. Chhun Sivorn <b>Designation:</b> Director of Air Navigation Standards and Safety Department <b>Address:</b> State Secretariat of Civil Aviation <b>Tel:</b> <b>Mob:</b> <b>Email:</b> _____
<b>China</b>	<b>Name:</b> Ms. Zhang Ying <b>Designation:</b> Engineer of AirSpace Management Division <b>Address:</b> Air Traffic Management Bureau, CAAC <b>Tel:</b> <b>Fax:</b> <b>Email:</b> _____
<b>Hong Kong, China</b>	<b>Name:</b> Ms. Erin YY Siu <b>Designation:</b> Senior Safety Manager <b>Address:</b> 2/F, Office Building, Civil Aviation Department Headquarters, 1 Tung Fai Road, Hong Kong International Airport, Lantau, Hong Kong <b>Tel:</b> <b>Fax:</b> <b>Email:</b> _____
<b>Macao, China</b>	<b>Name:</b> —
<i>Alternate</i>	<b>Name:</b> Mr. Lam Tat Ming <b>Designation:</b> Director of Airport Infrastructure & Air Navigation <b>Address:</b> Civil Aviation Authority of Macao Alameda Dr. Carlos D'Assumpção, 336-342, Centro Comercial Cheng Feng, 18 Andar, Macao, China <b>Tel:</b> <b>Fax:</b> <b>Email:</b> _____

STATE/ADMINISTRATION	FOCAL CONTACT PERSON
<b>Macao, China</b> <i>Alternate</i>	<b>Name:</b> Mr. Lo Veng Tong <b>Designation:</b> Safety Officer of Airport Infrastructure & Air Navigation <b>Address:</b> Civil Aviation Authority of Macao <b>Tel:</b> <b>Fax:</b> <b>Email:</b> _____
<b>Fiji Islands</b>	<b>Name:</b> Ms. Alisi Namoro <b>Designation:</b> Executive Manager Ground Safety <b>Address:</b> Civil Aviation Authority of the Fiji Islands <b>Tel:</b> <b>Mob:</b> <b>Email:</b> _____
<b>India</b>	<b>Name:</b> Mr. A. P. Gajbe <b>Designation:</b> General Manager (ATM) <b>Address:</b> Directorate of Air Traffic Management Airports Authority of India Safdarjung Airport, New Delhi -110003 <b>Tel:</b> <b>Email:</b> _____
<b>Indonesia</b>	<b>Name:</b> Mr. Wahyudi Nugroho <b>Designation:</b> Head of Standardization of Air Navigation Section <b>Address:</b> Directorate General of Civil Aviation, Ministry of Transportation <b>Email:</b> _____
	<b>Name:</b> Mr. Tian Kusdinar <b>Designation:</b> Head of Air Traffic Management Section <b>Address:</b> Directorate General of Civil Aviation, Ministry of Transportation <b>Email:</b> _____
<b>Japan</b>	<b>Name:</b> Ms. Hanae NODA <b>Designation:</b> Special Assistant to the Director <b>Address:</b> Air Traffic International Affairs Office Japan Civil Aviation Bureau Ministry of Land, Infrastructure Transport and Tourism <b>Tel:</b> <b>Fax:</b> <b>Email:</b> _____

STATE/ADMINISTRATION	FOCAL CONTACT PERSON
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<b>Lao PDR</b>	<b>Name:</b> Mr. Sohnsacksit Khamkeo <b>Designation:</b> Director of Air Navigation Standards Division <b>Address:</b> Department of Civil Aviation of Laos Wattay International Airport, P.O.Box 119, Vientiane <b>Mob:</b> <b>Email:</b> _____
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