



International Civil Aviation Organization

**Fourteenth Meeting of the APANPIRG ATS/AIS/SAR Sub-Group
(ATM/AIS/SAR/SG/15)**

Bangkok, Thailand, 25 – 29 July 2005

Agenda Item 3: Review and progress the tasks assigned to the ATS/AIS/SAR/SG by APANPIRG

SEARCH AND RESCUE MATTERS

(Presented by the Secretariat)

SUMMARY

This working paper considers SAR matters in the Asia/Pacific Region including the SAR Capability Matrix Table and register of SAR Agreements for review and update by the meeting.

1. INTRODUCTION

1.1 The APANPIRG/15 meeting addressed the following SAR matters: updating of the SAR Capability Matrix Table and the ICAO register of SAR Agreements, SAR seminars and exercises, Amendment No. 17 to Annex 12, and the 40th DGCA Conference Action Item 40/4 on the provision of SAR by States.

1.2 Since the last ATM/AIS/SAR/SG/14 meeting a SAR Seminar and SAREX was held at Chennai, India in March 2005 (WP/30 refers).

2. DISCUSSION

Provision of SAR and SAR Agreements

2.1 In accordance with Article 25 of the Convention on International Civil Aviation, each Contracting State is required to provide such measures of assistance to aircraft in distress in its territories and territorial waters as it may find practicable. A Contracting State having accepted the responsibility to provide SAR service over portions of the high seas or areas of undetermined sovereignty in accordance with regional air navigation agreements shall arrange for the service to be established and provided in accordance with Annex 12.

2.2 In this regard, in accordance with Annex 12, Contracting States shall co-ordinate their search and rescue organizations with those of neighbouring Contracting States. Further, Contracting States should, in so far as practicable, develop common search and rescue procedures to facilitate co-ordination of search and rescue operations with those of neighbouring States

2.3 Annex 12 also advises that subject to such conditions as may be prescribed by its own authorities, a Contracting State shall permit immediate entry into its territory of rescue units of other States for the purpose of searching for the site of aircraft accidents and rescuing survivors of such

accidents. For this purpose, it is important for Contracting States enter into agreements with neighbouring States setting forth the conditions for entry of each other's rescue units into their respective territories. These agreements should also provide for expediting entry of such units with the least possible formalities.

SAR Capability of ICAO States in the Asia/Pac Region and

2.4 The APANPIRG/15 meeting reviewed the SAR Capability Matrix Table, which provides a comprehensive listing of the SAR Capability of ICAO States in the Asia/Pacific Region. The Matrix Table updated by APANPIRG/15 is presented in **Appendix A** for review and update by the meeting.

SAR Agreements

2.5 APANPIRG/15 reviewed the Asia/Pacific register of SAR Agreements between States and the updated list is attached at **Appendix B** for review and update by this meeting.

3. **ACTION BY THE MEETING**

3.1 The Meeting is invited to:

- a) update the SAR Capability Table in Appendix A;
- b) provide information on SAR Agreements with neighbouring States and update the Regional Register of SAR Agreements between Asia/Pacific States or with adjacent States of the region in Appendix B; and
- c) consider ways to stimulate SAR activities, in particular to facilitate SAR training and improving SAR capability in the Region.

APANPIRG/15

Appendix E to the Report on Agenda Item 2.1

Analysis of SAR Capability of ICAO States in the ASIA/PAC Region

	Training	Alerting	SAR committee	Agreements	Relationships	Communications	Quality Control	Civil/Military	Resources	SAREX	Library	Computerisation	SAR programme	Supply dropping	Special equipment	SAR aircraft	Navigation	ELTs	LUT
Australia	E	E	E	E	E	C	E	E	E	E	E	E	E	E	E	E	E	C	E
Bangladesh	B	C	D	A	A	C	C	A	D	A	A	C	A	A	C	C	D	A	C
Bhutan																			
Brunei	E	E	E	E	E	E	E	E	E	E	E	E	E	E	D	D	E	E	A
Cambodia	B	B	B	B	B	B	C	A	B	B	A	C	A	A	A	A	B	A	A
China	E	E	E	E	E	E	D	D	E	D	D	C	B	A	E	E	E	E	A
Cook Islands	A	B	B	A	A	C	C	C	B	A	B	A	A	A	A	B	B	A	A
DPR Korea	B	D	B	D	A	B	D	D	D	C	B	A	A	A	B	A	C	C	A
Fiji	B	C	C	C	C	C	C	B	D	C	D	C	A	C	B	A	C	C	A
French Polynesia	C	D	D	D	C	D	E	A	E	C	C	B	A	A	E	D	E	E	A
Hong Kong, China	E	E	E	E	D	E	E	E	E	E	E	E	E	E	E	E	E	E	E
India	D	C	C	B	B	C	C	A	C	C	C	C	C	D	D	D	C	A	E
Indonesia	E	D	E	E	E	D	D	D	E	D	E	D	D	D	C	D	D	D	E
Japan	E	E	E	E	D	E	E	E	E	E	E	E	D	E	E	E	E	E	E
Kiribati																			
Lao PDR	B	A	B	B	B	A	B	A	B	B	A	C	A	A	A	A	A	A	A
Macau, China	E					E	E				E						E		
Malaysia	E	E	C	E	D	E	E	E	E	E	E	D	E	E	E	D	E	E	B
Maldives	B	A	A	A	A	A	A	A	D	A	C	A	A	A	A	A	A	A	A
Marshall Islands																			
Micronesia	C	B		A	A	B	C					A		B	B				
Mongolia	A	C	C	A	B	B	B	A	B	B	B	C	B	B	A	A	A	A	A
Myanmar	B	A	B	C	A	D	C	C	D	A	A	A	A	A	C	A	D	C	A
Nauru																			
Nepal	D	D	C	B	A	C	C	B	D	B	A	B	A	D	D	C	D	D	B
New Caledonia	C	D	D	D	C	D	E	A	E	C	C	B	A	A	E	D	E	E	E
New Zealand	E	E	E	E	A	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Pakistan	C	C	D	D	A	D	D	C	D	C	A	A	A	A	D	A	D	D	E
Palau																			
Papua New Guinea	D	E	D	C	D	D	C	C	D	C	C	D	C	C	C	A	A	A	A
Philippines	D	C	E	D	D	C	D	D	E	C	C	C	C	C	C	B	C	E	A
Rep. of Korea	C	C	C	C	C	D	E	E	E	E	C	A	D	E	D	E	E	E	E
Samoa																			
Solomon Islands																			
Singapore	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Sri Lanka	D	A	C	D	B	C	C	D	E	D	B	C	A	A	D	D	C	A	A
Thailand	E	E	E	E	D	E	E	E	E	E	E	D	B	B	E	E	E	E	B
Tonga	C	B	A	A	B	C	C	A	D	A	A	A	A	A	A	A	C	A	A
United States	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Vanuatu																			
Viet Nam	D	D	D	E	C	D	D	B	E	D	C	C	B	C	C	D	D	C	B

Updated 28 June 2004

Categorisations:

A = Not implemented

B = Initial implementation

C = Meets Annex 12 requirements in some areas

D = Meets Annex 12 requirements in most areas

E = Fully meets Annex 12 requirements

Blank = No response

STATE SAR AGREEMENTS

ID NO.	DATE	STATES	REMARKS
1	June 1982	Indonesia / Singapore	
2	August 1984	Malaysia / Singapore	
3	July 1996	Viet Nam / Singapore	
4		Singapore / Thailand	
5		Philippines / Singapore	
6	November 1990	Australia / Indonesia	Updated 5 April 2004
7	February 1999	Cambodia / Viet Nam	
8	December 2000	Malaysia / Singapore Malaysia / Philippines Malaysia / Thailand Malaysia / Indonesia Malaysia / Brunei Darussalam	
9	February 2001	Australia / Papua New Guinea	
10	September 2002	New Caledonia / New Zealand	
11	November 2002	United States / Republic of Palau	
12	1998	Lao PDR/Vietnam	LOA for provision of assistance
		New Zealand/ Cook Islands, Fiji, Samoa, Tonga and French Polynesia	Under development
