International Civil Aviation Organization

Fourteenth Meeting of the APANPIRG ATM/AIS/SAR Sub-Group (ATM/AIS/SAR/SG/14)

Bangkok, Thailand, 28 June – 2 July 2004

Agenda Item 7:   Update the list of ATM/AIS/SAR Tasks together with priorities

ATM/AIS/SAR TASK LIST

(Presented by the Secretariat)

SUMMARY

This paper presents proposals for updating the ATM/AIS/SAR List of Tasks allocated by APANPIRG. The current List of Tasks is appended.

1.   INTRODUCTION

1.1   APANPIRG/14 reviewed the updated draft Task List provided by the thirteenth meeting of the ATM/AIS/SAR Sub-Group and decided that this Task List would constitute the work programme for the Sub-Group

2.   DISCUSSION

2.1   The list of Subject/Tasks in the ATM/AIS/SAR Fields recorded as Appendix I to the APANPIRG/14 Report on Agenda item 2.1, being the current work programme for the ATM/AIS/SAR Sub-Group, is appended.

2.2   Those Tasks which have been progressed in accordance with the work programme have been considered under separate agendas and the Task List should be updated accordingly.

3.   ACTION BY THE MEETING

3.1   The meeting is requested to review and update the List of Tasks allocated to the Sub-Group by APANPIRG.

APANPIRG/14
Appendix I to the Report on Agenda Item 2.1

SUBJECT/TASKS IN THE ATM/AIS/SAR FIELDS

The priorities assigned in the list have the following connotation:

A = Tasks of a high priority on which work should be expedited;
B = Tasks of a medium priority on which work should be undertaken as soon as possible but not to the detriment of Priority "A" tasks; and
C = Tasks of a medium priority on which work should be undertaken as time and resources permit but not to the detriment of Priority "A" & "B" tasks.

No.	Reference	Subject/Task		Priority	Action Proposed / In Progress	Action By	Target Date
1	RAN/3 C 6/9 R 14/22 APANPIRG C 2/22 C 3/24 C 4/4 C 4/5 C 5/2 C 5/3	Subject:	Implementation of RNP	A	a) ~~Sub-Group to~~ Identify routes and areas where RNP implementation is required; and	ATM/AIS/SAR/SG	On-going
		Task:	Implement RNP into the Asia Pacific Region		i) ~~SUPPS amendment required to extend area of applicability of RNP10 (50NM longitudinal and lateral separation minima) beyond Pacific~~	~~ICAO~~	~~Completed~~
			~~b) Develop further SUPPS material by ISPACG for RNP4, 30NM longitudinal and lateral separation minima~~		b) ~~Sub-Group to~~ monitor progress	~~ICAO~~	~~Completed~~
2	APANPIRG C 3/22	Subject:	Traffic congestion within the region	A			
		Task:	Suggest ways of reducing this congestion by means of appropriate traffic management				Onging
			~~d) Develop revised ATS Route Structure – Southeast Asia to/from Europe/Middle East, South of the Himalayas~~		~~EMARSSH/TF established – commenced work~~	~~EMARSSH/TF~~	~~11/02~~
3	RAN/3 C 13/14 APANPIRG D 2/35	Subject:	AIS Automation	B	a) Develop AIS automation plan and introduction of AIS quality systems and AIS databases ~~ANP amendment proposal following AIS/MAP Divisional Meeting, April 1998 introduction of quality systems and AIS databases~~	AA/TF ATM/AIS/SAR/SG	On-going
		Task:	Develop a Regional AIS Automation Plan		b) ~~Develop AIS Guidance Material for static data procedure~~	ATM/AIS/SAR/SG	~~Completed~~

No.	Reference	Subject/Task		Priority	Action Proposed / In Progress		Action By	Target Date
4	APANPIRG C 2/31	Subject:	Provision of AIS within the Region	B	a)	Increase AIS support from the ICAO APAC Office	APANPIRG ICAO	On-going
		Task:	Examine and comment on the provision of AIS and develop a programme to improve the provision of AIS within the region		b)	Regional AIS seminars to be conducted periodically	ICAO	On-going ~~Dec. 2002~~
					c)	Review the use of Internet for aeronautical information taking into account results of the ICAO AUPI Study Group and update Chapter 4 to the AIS Guidance Manual	~~AATF~~ ATM/AIS/SAR/SG	
5	APANPIRG C 3/24 C 9/3 D 9/4	Subject:	Implementation of RVSM in the Asia Pacific Region	A	a)	Plan schedule and facilitate implementation of RVSM in the Asia Pacific Region	RVSM/TF	On-going
		Task:	Plan for and facilitate implementation of RVSM, as appropriate, in the Asia Pacific Region					~~South China Sea and Western Pacific~~ ~~(phase one 2/2002)~~ ~~(phase two 10/2002)~~ Parts of Asia and MID Regions – EMARSSH (11/2003) North Asia - 2005
6	APANPIRG D 3/12 D 3/2 C 4/2	Subject:	Inappropriate provision of SAR facilities, services and procedures within the Asia Pacific Region	A	a)	Encourage States to delegate or negotiate SAR services	ICAO	On-going
					b)	Identify deficiencies	ATM/AIS/SAR/SG	On-going
		Task:	a) Review SAR facilities, services and procedures in the region					
			b) Assist States without SAR services to provide SAR coverage					

No.	Reference	Subject/Task	Priority		Action Proposed / In Progress	Action By	Target Date
7	APANPIRG D 3/21 C 9/2	Subject: Transition to WGS-84 in the Asia Pacific Region Task: Monitor and facilitate the transition to WGS-84	A	a) b) c)	Maintain status report of WGS-84 implementation within the Asia Pacific Region Identify States requiring assistance and where possible assist those States Identify deficiencies	ATM/AIS/SAR/SG States ICAO ATM/AIS/SAR/SG ATM/AIS/SAR/SG	On-going On-going On-going
8	RAN/3 R 14/13 APANPIRG C 5/12 D 6/21 C 9/8	Subject: Implementation of ATS route requirements Task: a) Identify ATS routes in the ANP which have not been implemented; and b) Propose guidelines for the establishment of ATS routes using RNP and/or with ADS functions.		a) b) c)	ATS routes identified as not implemented ~~are considered by ATS/AIS/SAR/SG~~ ~~ATS/AIS/SAR/SG~~ Monitor progress Identify deficiencies	ATM/AIS/SAR/SG ATM/AIS/SAR/SG ATM/AIS/SAR/SG	2004 On-going On-going
9	C 11/8	**SAR Capability Matrix** That, a) the "SAR Capability Matrix" be distributed to States for information and action as appropriate; and b) States provide information to ICAO by 30 April ~~2001~~ each year to permit the periodic update of the Matrix.		a) b)	The SAR Matrix is reviewed by States at all ATM/AIS/SAR/SG Meetings States to update the Matrix by providing information to ICAO by 30 April each year	ATM/ASI/SAR/SG States ICAO	On-going On-going
10	RAN/3 R 7/18 APANPIRG C 8/9	Subject: SAR training and exercises Task: Facilitate SAR training and exercises	B	a) a)	Co-ordinate SAR training available in the region Facilitate international participation in SAR exercises	ICAO States	On-going 2003
11	APANPIRG C 6/13	Subject: Appropriate SAR legislation, National SAR Plans and Amendments Task: Establish appropriate documentation and National SAR Committee	A	a) b) c)	Implement appropriate legislation, establish National SAR Committees and Plans to support SAR operations Monitor developments of SAR Agreements between SAR organizations Establish and maintain a Register of SAR Agreements	States ATM/AIS/SAR/SG ICAO	On-going On-going On-going

No.	Reference	Subject/Task		Priority	Action Proposed / In Progress		Action By	Target Date
12	APANPIRG C 9/9	Subject:	Lack of consideration of Human Factors in the provision of ATS	B	a)	~~States to~~ Provide input including lessons learned (ICAO to encourage States to submit reports)	States ICAO	On-going
		Task:	Consider ways by which Human Factors aspects in the provision of ATS within the region could be improved		b)	ICAO to conduct seminars	ICAO	2004
13	APANPIRG D 8/	Subject:	Maintenance of the CNS/ATM/GM for the Region	B	a)	Update the Guidance Material taking into account the ICAO Headquarter's review and coordinate with States responsible for the Pacific Operations Manual	ATM/AIS/SAR/SG States	2003
		Task:	~~Maintain the CNS/ATM/GM~~		b)	~~Develop "Concept of Operations" for application in an initial ADS environment~~	~~ATS/AIS/SA+R/SG States~~	~~Completed~~
14	APANPIRG C 9/48	Subject:	~~Shortcomings &~~ Deficiencies in the field of air navigation	A	a)	Identify unimplemented items in the ANP	ATM/AIS/SAR/SG	On-going
					b)	Review mission reports	ICAO	On-going
		Task:	Develop and maintain ~~Shortcomings &~~ Deficiencies list		c)	Analyze differences from SARPs	ICAO ATM/AIS/SAR/SG	On-going
					d)	Review accidents / incidents	ICAO ATM/AIS/SAR/SG	On-going
15	APANPIRG/12	Subject: Lateral Offset Procedures		A	a)	Review ICAO Guidelines on Lateral Offsets	ATM/AIS/SAR/SG	On-going
					b)	~~Identify bodies developing offset procedures~~		
					c)	Coordinate with all parties concerned		
					d)	Identify issues regarding route structures where offsets could be applied		
					e)	~~Consider methodologies for safety assessment~~		
16	APANPIRG/13 C12/6	Subject: Regional Contingency Planning Survey			a)	States to complete their State Contingency Plans, using framework supplied in their Y2K CP	ICAO/States	On-going
		Task:	That, ICAO survey States in the Asia/Pacific Region to determine the status of contingency planning and the extent to which contingency plans are exchanged between neighboring States.		b)	Coordinate with neighboring States		
					c)	Send copy of their Contingency Plan to ICAO		

SUBJECT/TASKS IN THE ATM/AIS/SAR FIELDS

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C = Tasks of a medium priority on which work should be undertaken as time and resources permit but not to the detriment of Priority "A" & "B" tasks.

No.	Item	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
1	ATM-1 (1)	RAN/3 C 6/9 R 14/22 APANPIRG C 2/22 C 3/24 C 4/4 C 4/5 C 5/2 C 5/3	Subject: Implementation of RNP Task:: Implement RNP into the Asia Pacific Region	A	a) Identify routes and areas where RNP implementation is required b) monitor progress	ATM/AIS/SAR/SG ICAO	On-going On-going
2	ATM-2 (4)	APANPIRG C 3/22	Subject: Traffic congestion within the region Task: Suggest ways of reducing this congestion by means of appropriate traffic management	A			
3	ATM-3 (8)	APANPIRG C 3/24 C 9/3 D 9/4	Subject: Implementation of RVSM in the Asia Pacific Region Task: Plan for and facilitate implementation of RVSM, as appropriate, in the Asia Pacific Region	A	a) Plan schedule and facilitate implementation of RVSM in the Asia Pacific Region	RVSM/TF	On-going Parts of Asia and MID Regions – EMARSSH (11/2003) North Asia - 2005
4	ATM-4 (11)	APANPIRG D 3/21 C 9/2	Subject: Transition to WGS-84 in the Asia Pacific Region Task: Monitor and facilitate the transition to WGS-84	A	a) Maintain status report of WGS-84 implementation within the Asia Pacific Region b) Identify States requiring assistance and where possible assist those States c) Identify deficiencies	ATM/AIS/SAR/SG States ICAO ATM/AIS/SAR/SG ATM/AIS/SAR/SG	On-going On-going On-going

No.	Item	Reference	Subject/Task		Priority	Action Proposed / In Progress		Action By	Target Date
5	ATM-5 (12)	RAN/3 R 14/13 APANPIRG C 5/12 D 6/21 C 9/8	Subject:	Implementation of ATS route requirements	A	a)	ATS routes identified as not implemented	ATM/AIS/SAR/SG	2004
			Task:	a) Identify ATS routes in the ANP which have not been implemented; and		b)	Monitor progress	ATM/AIS/SAR/SG	On-going
				b) Propose guidelines for the establishment of ATS routes using RNP and/or with ADS functions.		c)	Identify deficiencies	ATM/AIS/SAR/SG	On-going
8	ATM-6 (21)	APANPIRG C 9/48	Subject:	Deficiencies in the field of air navigation	A	a)	Identify unimplemented items in the ANP	ATM/AIS/SAR/SG	On-going
			Task:	Develop and maintain Deficiencies List		b)	Review mission reports	ICAO	On-going
						c)	Analyze differences from SARPs	ICAO ATM/AIS/SAR/SG	On-going
						d)	Review accidents / incidents	ICAO ATM/AIS/SAR/SG	On-going
9	ATM-7 (22)	APANPIRG/12	Subject: Lateral Offset Procedures		A	a)	ICAO Guidelines on Lateral Offsets; and	ATM/AIS/SAR/SG	On-going
						b)	Identify issues regarding route structures where offsets could be applied.		
6	ATM-8 (19)	APANPIRG C 9/9	Subject: Lack of consideration of Human Factors in the provision of ATS		B	a)	Provide input including lessons learned (ICAO to encourage States to submit reports)	States ICAO	On-going
			Task: Consider ways by which Human Factors aspects in the provision of ATS within the region could be improved			b)	ICAO to conduct seminars	ICAO	2004
7	ATM-9 (20)	APANPIRG D 8/	Subject: Maintenance of the CNS/ATM/GM for the Region		B	a)	Update the Guidance Material taking into account the ICAO Headquarter's review and harmonize with the Pacific Operations Manual.	ATM/AIS/SAR/SG States	2004
			Task: Maintain the CNS/ATM/GM						
10	ATM-10 (23)	APANPIRG/13 C12/6	Subject: Regional Contingency Planning Survey		B	a)	States to complete their State Contingency Plans, using framework supplied in their Y2K CP	ICAO/States	On-going
			Task: That, ICAO survey States in the Asia/Pacific Region to determine the status of contingency planning and the extent to which contingency plans are exchanged between neighboring States.			b)	Coordinate with neighboring States		
						c)	Send copy of their Contingency Plan to ICAO		

No.	Item	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
11	AIS-1 (5)	RAN/3 C 13/14 APANPIRG D 2/35	Subject: AIS Automation Task: Develop a Regional AIS Automation Plan	B	a) Develop AIS automation plan and introduction of AIS quality systems and AIS databases b) Develop AIS Guidance Material for static data procedure	AA/TF ATM/AIS/SAR/SG	On-going ongoing
12	AIS-2 (6)	APANPIRG C 2/31	Subject: Provision of AIS within the Region Task: Examine and comment on the provision of AIS and develop a programme to improve the provision of AIS within the region	B	a) Increase AIS support from the ICAO APAC Office b) Regional AIS seminars to be conducted periodically c) Review the use of Internet for aeronautical information taking into account results of the ICAO AUPI Study Group and update Chapter 4 to the AIS Guidance Manual	APANPIRG ICAO ICAO ATM/AIS/SAR/SG	On-going On-going
13	SAR-1 (10)	APANPIRG D 3/12 D 3/2 C 4/2	Subject: Inappropriate provision of SAR facilities, services and procedures within the Asia Pacific Region Task: a) Review SAR facilities, services and procedures in the region; and b) Assist States without SAR services to provide SAR coverage	A	a) Encourage States to delegate or negotiate SAR services b) Identify deficiencies	ICAO ATM/AIS/SAR/SG	On-going On-going
14	SAR-2 (17)	APANPIRG C 6/13	Subject: Appropriate SAR legislation, National SAR Plans and Amendments Task: Establish appropriate documentation and National SAR Committee	A	a) Implement appropriate legislation, establish National SAR Committees and Plans to support SAR operations b) Monitor developments of SAR Agreements between SAR organizations c) Establish and maintain a Register of SAR Agreements	States ATM/AIS/SAR/SG ICAO	On-going On-going On-going
15	SAR-3 (15)	C 11/8	SAR Capability Matrix That, a) the "SAR Capability Matrix" be distributed to States for information and action as appropriate; and b) States provide information to ICAO by 30 April each year to permit the periodic update of the Matrix.	B	a) The SAR Matrix is reviewed by States at all ATM/AIS/SAR/SG Meetings b) States to update the Matrix by providing information to ICAO by 30 April each year	ATM/AIS/SAR/SG States ICAO	On-going On-going

No.	Item	Reference	Subject/Task		Priority	Action Proposed / In Progress		Action By	Target Date
16	SAR-4 (16)	RAN/3 R 7/18 APANPIRG C 8/9	Subject:	SAR training and exercises	B	a)	Co-ordinate SAR training available in the region; and	ICAO	On-going
			Task:	Facilitate SAR training and exercises		b)	Facilitate international participation in SAR exercises	States	On-going

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