



**Thirteenth Meeting of the APANPIRG
ATS/AIS/SAR Sub-Group (ATS/AIS/SAR/SG/13)**

Bangkok, Thailand, 23 – 27 June 2003

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

ATS/AIS/SAR TASK LIST

(Presented by the Secretariat)

SUMMARY

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

1. INTRODUCTION

1.1 APANPIRG/13 reviewed the updated draft Task List provided by the twelfth meeting of the ATS/AIS/SAR Sub-Group. APANPIRG/13 decided that this Task List would constitute the work programme for the Sub-Group and formulated the following Decision:

Decision 13/10 – ATS/AIS/SAR Subject/Task List

That, the ATS/AIS/SAR Subject/Task List as contained in Appendix L to the Report on Agenda Item 2.1 be adopted as the current work assignment for the ATS/AIS/SAR Sub-Group replacing the current Subject/Task List as assigned by APANPIRG/12

2. DISCUSSION

2.1 The Task List, being the current work programme, is appended.

2.2 Those Tasks, which have been progressed in accordance with the work programme, have been considered under separate agenda 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.

SUBJECT/TASKS IN THE ATS/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 Task: a) Implement RNP into the Asia Pacific Region b) Develop further SUPPS material by ISPACG for RNP4, 30NM longitudinal and lateral separation minima ~~c) Review table of navigation aids in conjunction with States~~	A	a) i) SUPPS amendment required to extend area of applicability of RNP10 (50NM longitudinal and lateral separation minima) beyond Pacific ~~ii) Review & update RNP Guidance Material. Incorporate ISPACG Operations Manual outlining requirements for RNP10 operational approval of aircraft and operators~~ b) Sub-group to monitor progress c) ~~Table of required navigation aids to be reviewed~~	ICAO ~~CNS/ATM/GM/TF~~ ICAO ATS/AIS/SAR/SG/9	On-going Completed On-going Completed
2	APANPIRG C 2/8 D 3/20 C 4/6 C 4/7 D 4/8 C 4/9 C 4/10 C 9/5	Subject: The SSR Code Assignment System for the Asia Region as specified in the Mid/ASIA ANP may not be as efficient as it could be Task: ~~a) Define and document a Regional SSR Code Management Plan and review MID/ASIA Table 3~~ ~~b) Prepare Regional SSR Code Management Plan for Asia Pacific FASID~~ ~~c) Monitor and modify as required the Regional SSR Code Management Plan for the Asia Pacific Region~~	B	~~a) Sub group to monitor progress~~ ~~SSR Code Assignment Working Group to convene and establish an SSR Code Management Plan and review MID/ASIA Table 3~~ ~~b) Progress in conjunction with SSR Code Assignment Working Group~~ ~~c) SSR Code Management Task Force to meet as required by Sub group~~	ATS/AIS/SAR/SG/9 SSRCA/WG SSRCA/WG ATS/AIS/SAR/SG	Completed Completed Completed Completed

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No.	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
3	RAN/3 R 14/20 APANPIRG C-3/6	Subject: ~~Insufficient co-ordination in the provision and implementation of radar facilities within the region~~ Task: ~~a) Identify why there is insufficient co-ordination and develop proposals to ensure sufficient co-ordination exists in the future~~	A	~~a) ICAO to survey States on current and proposed radar facilities~~ ~~b) Radar Facilities Table in the ANP to be reviewed based on the survey results~~ ~~c) Develop proposal to enhance co-ordination in the exchange of radar information~~	 ICAO ATS/AIS/SAR/SG/9 ATS/AIS/SAR/SG/10	 Completed Completed Completed
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) ~~Review South China Sea ATS routes~~ b) ~~In Trail Climb using ACAS distance based information in OCA / remote airspace~~ c) ~~Review Bay of Bengal ATS route structure~~ d) Develop revised ATS Route Structure – Southeast Asia to/from Europe/Middle East, South of the Himalayas	A	 a) ~~Review complete~~ b) ~~Monitor work undertaken in the United States. The United States to inform the Sub-group on progress of work~~ c) ~~Bay of Bengal Task Force (BB/TF) established. Report to ATS/AIS/SAR/SG/10~~ d) ~~Establish a Project Team to develop a plan for a revised ATS route structure taking into consideration aircraft capabilities and the new CNS/ATM enhancements.~~ EMARSSH/TF established - commenced work	 SCS/TF United States BB/TF EMARSSH/TF EMARSSH/TF	 Completed Completed Completed 11/02

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No.	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
5	RAN/3 C 13/14 APANPIRG D 2/35	Subject: AIS Automation Task: Develop a Regional AIS Automation Plan	B	~~a) Information on AIS automation to be collected and reviewed~~ ~~b) Survey questionnaire concerning details of automated AIS systems developed by ATS/AIS/SG/4 to be distributed to States~~ ~~c) Review of survey results~~ d) Develop AIS automation plan and ANP amendment proposal following AIS/MAP Divisional Meeting, April 1998 e) Develop AIS Guidance Material	ICAO ICAO AA/TF AA/TF ATS/AIS/SAR/SG ATS/AIS/SAR/SG	Completed Completed Completed On-going Completed
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) Increased AIS support from the ICAO APAC Office ~~b) Update Part 6 of Doc 8700 and 8755 (ANPs for the Asia Pacific Region)~~ c) Regional AIS seminars to be conducted	APANPIRG ICAO ICAO ICAO	On-going Completed Dec. 2002
7	APANPIRG D 4/40	~~Subject: Lack of inclusion of CNS/ATM requirements in regional plans~~ ~~Task: a) Ensure regional plans include CNS/ATM requirements for the provision of AIS~~ ~~b) Develop "Concept of Operations" for application in an initial ADS environment~~	A	~~a) Monitor implementation of new CNS/ATM in the ATS/AIS field~~ ~~b) Australia to present Working Paper to ATS/AIS/SAR/SG/8~~	ATS/AIS/SAR/SG Australia	Completed Completed

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8	RAN/3 C 6/5	~~Subject: Lack of procedures and guidelines for the introduction of reduced vertical separation minima (RVSM) above FL290 in the region~~	A	a) ~~Progress of IPACG / ISPACG work on RVSM being monitored~~	ATS/AIS/SAR/SG	Completed
		~~Task: Develop appropriate procedures, guidelines and implementation plans for the introduction of RVSM and evaluate benefits~~		b) ~~United States to provide update on RVSM plan for Central and North Pacific to ATS/AIS/SAR/SG/8~~	United States	Completed
	APANPIRG C 3/24 C 9/3 D 9/4	Subject: Implementation of RVSM in the Asia Pacific Region		a) ~~Form Asia Pacific RVSM Implementation Task Force~~	ATS/AIS/SAR/SG	Completed
		Task: Plan for and facilitate implementation of RVSM, as appropriate, in the Asia Pacific Region		b) Plan schedule and facilitate implementation of RVSM in the Asia Pacific Region	RVSM/TF	On-going South China Sea and Western Pacific (phase one 2/2002) (phase two 10/2002) Parts of Asia and MID Regions – EMARSSH (11/2003)
9	RAN/3 R-14/3	~~Subject: Inappropriate structure of regional Air Navigation Plan and untimely amendment process~~	A	a) ~~Develop detailed content for the Facilities and Services Implementation Document (FASID) as a matter of priority~~	ATS/AIS/SAR/SG	Completed
		~~Task: Develop detailed contents for the Asia Pacific FASID~~		b) ~~Prepare draft outline for the Asia Pacific FASID~~	ATS/AIS/SAR/SG	Completed

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No.	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
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 b) Assist States without SAR services to provide SAR coverage	A	a) ~~Review the SAR system of States in the Asia Region and advise ATS/AIS/SG~~ b) ~~Analyse and review the results collected~~ c) ~~Monitor the implementation of the PAC SAR SIP recommendations~~ d) Encourage States to delegate or negotiate SAR services e) Identify deficiencies	States ICAO ATS/AIS/SAR/SG ATS/AIS/SAR/SG ICAO ATS/AIS/SAR/SG	Completed Completed Completed On-going On-going
11	APANPIRG D 3/21 C 9/2	Subject: Transition to WGS-84 in the Asia Pacific Region ~~Task: Develop a plan and assist with the transition to WGS-84~~ Task: Monitor and facilitate the transition to WGS-84	A	a) ~~Information for planning to be provided by States~~ b) ~~Information to be collated for presentation to ATS/AIS/SG~~ c) ~~Transition plan and assistance to States to be considered~~ 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	States ICAO ICAO ATS/AIS/SAR/SG States ICAO ATS/AIS/SAR/SG ATS/AIS/SAR/SG	Completed Completed Completed On-going On-going On-going
12	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 b) Propose guidelines for the establishment of ATS routes using RNP and/or with ADS functions	A	a) ATS routes identified as not implemented are consider by ATS/AIS/SAR/SG b) ATS/AIS/SAR/SG to monitor progress c) Identify deficiencies	ATS/AIS/SAR/SG ATS/AIS/SAR/SG ATS/AIS/SAR/SG	On-going On-going On-going

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No.	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
13	APANPIRG ~~C 2/33~~ C 6/19	Subject: ~~Access to Japan Area "G"~~	A	~~Secretariat to follow up and report progress. No further action possible by ATS/AIS/SAR/SG~~	ICAO	~~On-going~~
14	APANPIRG ~~C 2/33~~ C 7/7	Subject: ~~NOTAM System of GPS RAIM outages~~ Task: ~~Develop a position for dealing with notification~~	B	a) ~~Develop a position at ATS/AIS/SAR/SG/6~~ b) ~~Develop implementation plan~~ ~~(overtaken by technology enhancements)~~	ATS/AIS/SAR/SG/6 ATS/AIS/SAR/SG	Completed Completed
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 2001 to permit the periodic update of the Matrix.		The SAR Matrix is discussed by States at all ATS/AIS/SAR/SG Meetings States to update the Matrix by providing information to ICAO by 30 April each year	ICAO	Completed On-going
16	RAN/3 R 7/18 APANPIRG C 8/9	Subject: SAR training and exercises Task: Facilitate SAR training and exercises	B	a) ~~Follow up action on RAN/3 Recommendation 7/18~~ b) Co-ordinate SAR training available in the region c) Facilitate international participation in SAR exercises d) ~~Australia to organise an international SAREX~~	ICAO ICAO States ~~Australia~~	Completed On-going 4/01 2002 Completed
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 ATS/AIS/SAR/SG ICAO	On-going On-going On-going

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No.	Reference	Subject/Task	Priority	Action Proposed / In Progress	Action By	Target Date
18		~~Subject: Need for development of standardised ATS Letters of Agreement (LOA)~~ ~~Task: Develop a suitable LOA for Asia Pacific Region wide use~~	A	~~a) Review draft LOAs as contained in Part II, Chapter 2 of the ATS Planning Manual (Doc 9426) and WP/22 presented to ATS/AIS/SAR/SG/5~~ ~~b) Provide comments to the Regional Office before the next meeting~~ ~~c) Guidance material promulgated by ICAO for use by States~~	ATS/AIS/SAR/SG States ICAO	Completed Completed Completed
19	APANPIRG C 9/9	Subject: Lack of consideration of Human Factors in the provision of ATS Task: Consider ways by which Human Factors aspects in the provision of ATS within the region could be improved	B	a) States to provide input including lessons learned (ICAO encourages States to submit reports) b) ICAO to conduct seminars	States ICAO	On-going ~~10/00~~ 2003
20	APANPIRG D 8/	Subject: Maintenance of the CNS/ATM/GM for the Region Task: Maintain the CNS/ATM/GM	B	a) Update the Guidance Material as required b) Develop "Concept of Operations" for application in ~~an initial ADS environment~~	ATS/AIS/SAR/SG States ATS/AIS/SAR/SG States	On-going Completed
21	APANPIRG C 9/48	Subject: Shortcomings & Deficiencies in the field of air navigation Task: Develop and maintain Shortcomings & Deficiencies list	A	a) Identify unimplemented items in the ANP b) Review mission reports c) Analyse differences from SARPs d) Review accidents / incidents	ATS/AIS/SAR/SG ICAO ICAO ATS/AIS/SAR/SG ICAO ATS/AIS/SAR/SG	On-going On-going On-going On-going
22	APANPIRG/12	Subject: Lateral Offset Procedures	A	a) Review ICAO Guidelines on Lateral Offsets 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	ATS/AIS/SAR/SG	On-going

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23	APANPIRG/13 C12/6	Subject: Regional Contingency Planning Survey 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.		a) States to complete their State Contingency Plans, using framework supplied and their Y2K CP b) Coordinate with neighboring States c) Send copy of their Contingency Plan to ICAO	ICAO/States	On-going