

International Civil Aviation Organization



**THE SIXTH MEETING OF AERONAUTICAL  
TELECOMMUNICATION NETWORK (ATN)  
IMPLEMENTATION CO-ORDINATION GROUP  
OF APANPIRG (ATNICG/6)**



Seoul, Republic of Korea, 16 - 20 May 2011

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**Agenda Item 9: Review and update Performance Framework Objective 8 and Action Items**

**REVIEW OF ACTION ITEMS LIST**

(Presented by the Secretariat)

**SUMMARY**

List of pending Action Items is required to be reviewed in the ATNICG meeting to assess the status of completion of actions required by the items. This paper provides status of completion of each Action Item as reviewed in the last Working Group meeting and invites the meeting to review the present status for each item. Meeting is also invited to add new Action Items where required.

**1. INTRODUCTION**

1.1 Fifth meeting of the Aeronautical Telecommunication Network (ATN) Implementation Coordination Group (ATNICG/5) held in Kuala Lumpur from 31 May to 4 June 2010, based on the outcome of Sixth and Seventh Working Group meetings held in Hua Hin from 22 to 25 September 2009 and in Bangkok on 29 January 2010 respectively drew up a list of Action Items required to be completed to progress implementation of ATN/AMHS.

1.2 The list of fifteen Action Items developed by ATNICG/5 was subsequently reviewed by the Eighth and Ninth Working Group Meetings held in Christchurch and ICAO APAC Office respectively.

**2. DISCUSSION**

2.1 A fifteen item Action List was presented to the ATNICG in its Fifth Meeting (2010) through Working Paper 4. The list was a compilation of the pending items which were carried forward from the ATNICG Working Group 6 meeting (22 to 25 September 2009) and Working Group 7 meeting (29 January 2010). List was reviewed and the actions which were found completed were removed from the list.

2.2 Status on action items was presented to the CNS/MET of APANPIRG as a part of the report.

2.3 Action Item list was subsequently reviewed in the Eighth and Ninth Working Group meetings held in Christchurch, New Zealand from 28 September to 1 October 2010 and in Bangkok on 25 and 26 January 2011. Action Items, which had been completed were removed from the list and new Action Items, which need to be pursued were added.

2.4 Final Action List, after incorporating necessary changes has been developed and is placed as Attachment to this paper. Meeting is invited to review the status of pending action items and recommend removal of the items which have been completed. Meeting is also invited to add Action Items which need attention.

### **3. ACTION REQUIRED BY THE MEETING**

3.1 Meeting is invited to review the attached Action Item list placed at Attachment and recommend removal/addition of Action Items as required.

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**ATNICG WG/9 MEETING**  
**List of current Action Items carried forward from previous meetings**

<b>No.</b>	<b>Item</b>	<b>Status</b>
3.	All issues requiring justification in ATN implementation like security of network etc. should be adequately reflected in the strategy.	Strategy being reviewed
5.	Take up with ACP, usage of 3 bits next to the /32 address block acquired by Europe for inclusion of 7 ICAO regions and ICAO HQ amongst the planned usage of this space by Europe.	Coordinate with ACP for IPv6 addressing plan & track development. IPv6 will be considered in future technical refresh cycle.
7.	States required to provide implementation status for reflection in the ATN/AMHS implementation planner developed.	On-going. Some States provided update information. ICAO will circulate questionnaire along with invitation for ATNICG/6.
8.	Asia Pacific ATN AMHS will adopt IPv4 address assignment proposed by CAR/SAM region as an interim measure and will transit to IPv6 after the related implementation issues are resolved. This approach will be based on point-to-point IP network.	Guidance Doc on IPv4 addressing plan to be developed & Lima to be informed about adoption. USA will develop the Guidance Material.
10.	USA assured to present a paper on issue of ATN/OSI interface with IPS, when it completes the MTA interface with UK in 2010 using RFC 1006 over TCP/IP	USA-UK AMHS service delayed. Report to be presented in 2011 (ATNICG/6).
12.	Currency of the documents required to be confirmed.	Updates on Documentation tree presented in the Flow Chart Format to be presented by USA to ATNICG/6. Informationn will be updated on the ICAO APAC website.

No.	Item	Status
14.	Concerned States should consider Hong Kong China proposal for change in ATN routing structure and present a proposal to the ATNICG.	Hong Kong China to take up proposal.
<b>Action Item from ATNICG WG/8</b>		
16.	Japan to address issues related to incompatibility of AMHS installed in Fukuoka with the AMHS installed in neighboring States as it affects overall network connectivity and hence implementation of AMHS in the region.	Issue to be addressed in ATNICG/6.
17.	USA to prepare a Working paper for presentation to CNS/MET SG-15 through ATNICG/6 addressing the requirement of standards for using XML over ATN for the transmission of OPMET data.	On going. Information Paper to be presented by USA to OPMET/TF/M meeting in March.
18.	Decide about the sunset of X.25. Strategy to phase out X.25 network protocol and implementation of point to point IP.	Include in the ICD for ATN over IP at subnet level, material supporting migration from X.25 to point to point IP. Sunset schedule for X.25 shelved for the present.
19.	USA to develop an IPv6 addressing approach for presentation to the next ACP Working Group – I meeting. IPv6 addressing plan proposed by Japan in ATNICG/5 meeting to be reviewed to explore the possibility of adopting the address structure used by EUR region.	Completed. Paper developed for presentation to ACP WG-M.
20.	Hong Kong China, USA, Singapore, Japan & other States to review recently published Doc 9896 & to provide inputs to Mr. Patel (FAA) for developing a paper for presentation to ACP WG-M, ATNICG etc. brining out significant issues	Closed in view of the development of the paper.
21.	Information provided in Part II, Paragraphs 1 and 3.3 in the Global Interface Control Document (ICD) for AIDC may be reviewed and comments on the same may be conveyed to ICAO APAC Office for onward transmission to Ms. Karen Chiodini.	Mr. Mark Brown and Mr. Chonlawit to develop ATNICG view for onward transmission by February 2011
22.	USA will develop and present the point-to-point IP Router ICD after cut over with UK in early 2011.	Planned to be presented in ATNICG/6
23.	Japan to review the current AMHS ICD and suggest changes required for making it compatible for Doc 9705 Edition III	Recommended to drop as it is repeated of AI 16.

No.	Item	Status
<b>Action Item from ATNICG WG/9</b>		
24.	Meeting was of the opinion that APANPIRG Conclusion 19/20 requiring the States hosting BBIS hubs to complete implementation of dual stack systems was not comprehensive. USA was requested to recommend a comprehensive draft Conclusion for the consideration of ATNICG/CNS MET SG and APANPIRG.	
25.	USA was requested to investigate/analyze current and future applications of ATN/AMHS along with the requirements to be met and present a paper to ATNICG/6.	
26.	APAC office may include a questionnaire along with the ATNICG/6 invitation to assess the readiness of the States to migrate to AMHS connectivity.	
27.	India, China and other States to share their experiences of migrating from X.25 to IP in the ATNICG/6 meeting. ATNICG to develop a schedule for migration from X.25 to IP in the region and assess the requirement of developing a regional ICD for AFTN over IP.	