International Civil Aviation Organization

Fifteenth Meeting of the APANPIRG ATM/AIS/SAR Sub-Group (ATM/AIS/SAR/SG/15)

Bangkok, Thailand, 25 – 29 July 2005

Agenda Item 7:   Review developments relating to CNS/ATM implementation

ATM/AIS/SAR/SG/15 – WP/13

(Presented by the Secretariat)

THIRD MEETING OF AUTOMATIC DEPENDENT SURVEILLANCE-BROADCAST (ADS-B) STUDY AND IMPLEMENTATION TASK FORCE

1.1   The Third Meeting of Automatic Dependent Surveillance – Broadcast (ADS-B) Study and Implementation Task Force (ADS-B TF/3) considered a number of Tasks related to the operational implementation of ADS-B which would be of specific interest to the ATM/AIS/SAR Sub-Group. Relevant extracts from the Task List and actions taken by ADS-B TF/3 are shown below:

a)   Task # 4 - Subject: Draft amendment proposal to SUPPs 7030 Regional Supplemental Procedures

Task: Prepare a draft for consideration by ATM/AIS/SAR Sub-Group of APANPIRG / Prepare a draft for amendment to Doc7030 for implementation of ADS-B in the ASIA/PAC region pending separation criteria developed by relevant ICAO Panel.

Action by ADS-B TF/3: Australia agreed to submit an amendment proposal to Doc.7030 – Regional Supplementary Procedures (SUPPs).

b)   Task # 6 - Subject: Coordination between States at planning level

Task: Coordination for timing of implementation / Develop a coordinated implementation plan by city pairs

Action by ADS-B TF/3: While the meeting agreed to continue efforts on the city-pair study and considering the result of a study on three city pairs, the meeting agreed that the future study and implementation should be focus on an area along major traffic flow even for great circle routes rather than along one or two specific ATS routes. This approach would provide greater benefits and assist the cost/benefit analysis and broad business case. Such an approach would also have the flexibility to support dynamic routes.

c)   Task # 7 - Subject: Regional implementation plan

Task: Develop a Regional implementation plan taking into account the individual national plans in accordance with a coordinated plan between city pairs.

Action by ADS-B TF/3: The ADS-B TF/3 meeting noted the need to further carry out inter-regional coordination with neighboring regions as emphasized by the ATM/AIS/SAR/SG/14 meeting and agreed to identify an interface standard for the exchange of ADS-B data.

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