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**Eleventh Meeting of the Air Traffic Management Sub-Group
(ATM/SG/11) of APANPIRG**

Singapore, 2 – 6 October 2023

Agenda Item 6: ATM Coordination (Meetings, Route Development, Contingency Planning)

**ASIA PACIFIC TRAFFIC INFORMATION BROADCASTS BY AIRCRAFT
(TIBA) FREQUENCY**

(Presented by Thailand)

SUMMARY

This paper presents the necessity of the Traffic Information Broadcasts by Aircraft (TIBA) frequency to be used among Asia Pacific States.

1. INTRODUCTION

1.1 In reference to The Thirteenth Meeting of The Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/13), which was held in Bangkok, Thailand during 9 – 13 September 2002.

1.2 The meeting agreed to formulate the **Conclusion 13/7 – Adoption of a regionally protected frequency for Traffic Information Broadcasts by Aircraft (TIBA)** to reserve a designated VHF radio telephony (RTF) frequency of 128.95 MHz to be used as Traffic Information Broadcasts by Aircraft (TIBA) Frequency for the Asia/Pacific Region for the use of Traffic Information Broadcasts by Aircraft to permit reports and relevant supplementary information of an advisory nature to be transmitted by pilots during the period of absence of Air Traffic Services (ATS). Also, all states in the Asia/Pacific Region were required to include the frequency of 128.95 MHz for the use of TIBA in their contingency plans.

1.3 The designated VHF radio telephony (RTF) frequency of TIBA procedure were to be promulgated in the Regional Supplementary Procedures (Doc 7030).

**Conclusion 13/7 – Adoption of a regionally protected frequency for Traffic
Information Broadcasts by Aircraft (TIBA)**

That,

- a) A designated VHF radio telephony (RTF) frequency of 128.95 MHz be promulgated in the Regional Supplementary Procedures (Doc 7030) for the Asia/Pacific Region for the use of Traffic Information Broadcasts by Aircraft to permit reports and relevant supplementary information of an advisory nature to be transmitted by pilots; and,
- b) All States in the Asia/Pacific Region to include the frequency of 128.95 for the use of TIBA in their contingency plans.

2. DISCUSSION

The necessity of TIBA Frequency Allotment

2.1 Traffic information broadcasts by aircraft are intended to permit reports and relevant supplementary information of an advisory nature to be transmitted by pilots on a designated VHF radiotelephone (RTF) frequency for the information of pilots of other aircraft in the vicinity. The broadcast procedures should be applied in designated airspace where there is a temporary disruption of normal air traffic services.

2.2 In consideration, the TIBA frequency designated among each APAC Member states need to be harmonized, in accordance with APANPIRG Conclusion 13/7. Moreover, the used of TIBA frequency in contingency situation shall be protected and need to be reserved from other uses and should be cleared from radio frequency interference (RFI).

2.3 Currently, the designated VHF radio telephony (RTF) frequency of 128.95 MHz for the use of TIBA procedure are not promulgated in the Regional Supplementary Procedures (Doc 7030).

The survey on the necessity of TIBA Frequency Allotment

2.4 The Seventh Meeting of The Spectrum Review Working Group (SRWG/7) of APANPIRG which was held in Bangkok, Thailand during 15 – 17 February 2023. The meeting was presented with the VHF COM Frequency Allotment Plan and also invited to review the various efforts on improving the utilization of frequency band 117.975 MHz-137 MHz, and raised the need to review the necessity to implement 128.95 MHz for TIBA.

2.5 A survey Questionnaire: The necessity to Implement 128.950 MHz for Traffic Information Broadcasts by Aircraft (TIBA) was circulated through State Letter Ref.: T 8/8.6 – AP066/23 (CNS) on 3 May 2023.

2.6 Discontinuation of TIBA frequency allotment may result in different TIBA frequency allocation among each member states which may lead to duplication with other used frequency and also unintentional interference if the same frequency is assigned for other uses in adjacent area (i.e. FIR). So, the safe operation of aircraft, especially during contingency situation, may be impaired.

2.7 ATM Community should be aware of the importance of TIBA frequency allotment. Therefore, ATM/SG should communicate with CNS/SG regarding the necessity of protecting the VHF 128.95 MHz to be used for Traffic Information Broadcasts by Aircraft (TIBA) for Asia/Pacific Region.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss the necessity of 128.95 MHz for APAC TIBA frequency;
- c) ATM/SG to coordinate with CNS/SG regarding APANPIRG Conclusion 13/7 and the necessity of protecting the VHF 128.95 MHz to be used for Traffic Information Broadcasts by Aircraft (TIBA) for Asia/Pacific Region;
- d) Remind the States/Administrations with Annex 11 2.32 standard requiring Air traffic services authorities to develop and promulgate contingency plans; and
- e) discuss any relevant matters as appropriate.

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