



ASIA-PACIFIC TELECOMMUNITY

12/49 Soi 5, Chaeng Watthana Road, Bangkok 10210, Thailand

Ref. APT/2024/AWG-32/AFIS

14 March 2024

Dear Sir/Madam,

**Subject: Invitation to Update Information on Frequency Uses
in the APT Frequency Information System (AFIS)**

I would like to refer to the 32nd Meeting of the APT Wireless Group (AWG-32) which was held from 4 to 8 March 2024 in Pattaya, Thailand with hybrid format (both physical and virtual/online attendance through Zoom meeting).

As part of its regular activities, the APT Wireless Group (AWG) conducts surveys on the current and future use of the different frequency bands used by APT Member countries. These surveys are conducted through questionnaires approved by the AWG meetings. The AWG-32 held in Pattaya, Thailand from 4 to 8 March 2024 received several contributions to develop questionnaires for the current and future use of the following frequency bands in Asia-Pacific:

- 698-960 MHz
- 1 427-1 518 MHz
- 1 710-2 025 MHz
- 2 110-2 200 MHz
- 2 300-2 400 MHz
- 2 500-2 690 MHz
- 4 400-4 800 MHz
- 13.75-14 GHz

The process of collecting and providing answers to questionnaires by APT Members can take significant time and resources. This can be particularly problematic when there are multiple questionnaires, overlapping topics and repeating questions on the same frequency ranges. Further, the information will not be available immediately, it can take a few AWG meetings to compile and approve the survey reports. AWG-31 approved a [Guideline on the development and use of questionnaires by AWG](#). This guideline acknowledged that information may be gathered from APT official sources such as the [APT Frequency Information System](#) (AFIS) instead of using questionnaires.

AWG would like to draw the attention of APT Members to the AFIS, which was developed under the guidance of AWG a few years ago and has been made available online. AFIS is a web-based portal for sharing the usage of frequency and spectrum information of APT Members. It has been developed with the objective of illustrating the extent of frequency harmonization within the Asia-Pacific region. AFIS allows users to quickly search and compare spectrum information for APT Members. AFIS contains the following information about the usage of radio spectrum:

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- **Allocations:** ITU Radio Regulations terms and NTFA
- **Applications:** Radiocommunication systems and equipment types to which the bands have been designated. 3 layers of Applications list available.
- **Radio Interfaces:** Required information for the use of radio equipment. Up to 14 parameters to define each radio interface
- **Right of Use Info:** Information regarding licensing
- **National Documents:** Any related documents including government notifications regarding the use of spectrum band.

As illustrated, it is noted that AFIS can contain information related to the current and future usage of spectrum bands by APT Members. APT Members can easily input frequency band-specific data in AFIS, which can fulfill the purpose of the proposed questionnaires at AWG-32 regarding the current and future use of the bands as listed above. Additionally, APT Members can update the information on mobile operators' frequency technologies and license duration in APT countries, which is contained in the [APT Report \(REP-15 Rev.9\)](#), through the function of "**Right of Use Info**" in AFIS. AFIS will save time and resources for APT Members by reducing the need to provide answers to multiple questionnaires and licensing information over time.

AWG-32 invited APT Members to upload their information on current and planned frequency usage and mobile license information in AFIS through the contact points of APT Members for AFIS. APT Secretariat would provide necessary guidance to the contact points for such upload of band-specific information.

I thank you in advance for your cooperation and support towards the activities of the AWG.

Yours sincerely,

(Original signed)

Masanori Kondo
Secretary General

To: APT Members