



ICAO

International Civil Aviation Organization

**WORKSHOP ON ITU WORLD RADIOCOMMUNICATION
CONFERENCE 2027 (WRC-27 WORKSHOP)**

Bangkok, Thailand, 24-25 February 2025

PROVISIONAL AGENDA

1. Introduction

- ITU/WRC process, results of WRC-23

2. WRC-27: Agenda items of major concerns for the aviation community and action plans to be implemented at the national and regional levels

- An overview of all aviation relevant agenda items to be addressed by WRC-27
 - WRC-27 AI 1.7 – Potential impact to the safety critical systems such as radio altimeter and WAIC from the International Mobile Telecommunications (IMT) identification of the frequency bands in 4 400-4 800 MHz, 7 125 -8 400 MHz, and 14.8-15.35 GHz
 - WRC-27 AI 1.13 –Possible new allocations to the mobile-satellite service for direct connectivity between space stations and IMT, which might influence to several safety critical systems
 - WRC-27 AI 1.19 –Possible primary allocations in all regions of Earth exploration-satellite service (passive) in the frequency bands 4 200-4 400 MHz and 8 400-8 500 MHz, which might influence to several safety critical systems including radio altimeter and WAIC
 - WRC-27 AI 9.1 – On the activities of the ITU Radiocommunication Sector since WRC-23 which is related to C2 Link
 - WRC-27 Agenda Items which may also negatively affect spectrum access for aeronautical systems or services (1.5, 1.9, 1.11, 1.12, 1.15, 1.16, 1.17, 1.18, 4, 8, 9.2 and 10)

3. Regional preparations for WRC-27

- Asia-Pacific Telecommunity (APT) Conference Preparatory Group (APT-APG)
- Update from other Regional WRC preparatory groups, incl:
 - ASMG, ATU, CEPT, CITEL, RCC

4. Radio Altimeter and 5G issues

- Activity in ICAO expert groups
- New altimeter design and SARPS progress

5. Issue of GNSS Interference

- Activity in ICAO expert groups
- Relevant ITU resolution

6. The reality of frequency management in APAC: current practices and new challenges

- Aeronautical frequency management in the APAC Region
- ICAO provisions: Handbook on Radio Frequency Spectrum Requirements for Civil Aviation (Doc 9718), Volumes I, and II

7. Any other business
