

ITU Considers Draft Recommendation Towards Harmonization of Spectrum for Utility Radiocommunications

During the ITU Working Party 5A meeting that was held in Geneva, Switzerland on November 19-28, 2025, a “Working Document Towards a Preliminary Draft New Recommendation” that provided guidance on the harmonization of spectrum for existing and future Utility Radiocommunication was submitted for consideration by representatives from the Federative Republic of Brazil. This document is a significant development and it recommends that administrations should consider using certain frequency ranges within the bands allocated to the mobile service on primary basis, in order to facilitate regional or global spectrum harmonization for utility communication. As part of this draft recommendation, Brazil provided three annexes for member countries of the ITU to identify existing and future frequency ranges for use by utilities in the sub 1 GHz range, the medium frequency range (between 1-6 GHz) and the high frequency range (above 6 GHz). In the first annex, Brazil reported specific bands that utilities use in the sub 1 GHz range there, including the 410-415 and 420-425 MHz bands, which were recently made available in Brazil for utility broadband operations. Upon consideration of this draft recommendation during the meeting, the ITU WP5A decided to issue a Liaison Statement requesting other member countries to provide similar frequency information to contribute towards this recommendation to determine which bands should be harmonized for use by utilities internationally and take practicable efforts to facilitate cross border coexistence between utility communications operations in those bands. Representatives from UTC, UTC America Latina (UTCAL) and the European Utilities Telecom Council (EUTC) participated in the ITU WP5A meeting to support the recommendation and engage with member countries for their support of the recommendation, as well. The draft recommendation builds upon the [Report M.2533](#)- Utility radiocommunications operating in the land-mobile service, which was originally submitted by UTC, UTCAL and EUTC and was recently approved for publication by the ITU Study Group 5. Member countries continue to provide contributions to this Report, which is an indication of their support for this effort.