QUESTION ITU-R 101-5/5[[1]](#footnote-1)\*, [[2]](#footnote-2)\*\*

Quality of service requirements in the land mobile service

(1990-1993-1995-2003-2007-2019)

The ITU Radiocommunication Assembly,

considering

*a)* that there is a rapid development in methods for digitization of speech and its transport over IP networks;

*b)* that this development gives new possibilities to obtain higher system flexibility and improved spectrum efficiency in the transmission of speech;

*c)* that digitally encoded speech enables more privacy in speech communication;

*d)* that new systems supporting multimedia telecommunication services with various degrees of performance are being introduced widely;

*e)* that there may be advantages in adopting for the land mobile service standards that are compatible with ITU-T Recommendations relevant to the fixed networks,

decides that the following Questions should be studied

1 Which measures of quality of multimedia services are relevant for different land mobile applications?

2 What delay with respect to delivery of service and delay variation are acceptable for different land mobile applications?

3 What is the proper choice of encoding bit rates for multimedia services taking into account quality requirements, channel coding techniques, efficient frequency usage, and cost?

further decides

1 that the results of the above studies should be included in one or more Recommendations, Reports or Handbooks;

2 that the above studies should be completed by 2027.

Category: S2

1. \* This Question should be brought to the attention of the Telecommunication Standardization Sector Study Groups 2 and 12. [↑](#footnote-ref-1)
2. \*\* Radiocommunication Study Group 5 made editorial amendments to this Question in July 2020 in accordance with Resolution ITU-R 1 to remove ITU-T Study Group 2 from the footnote. [↑](#footnote-ref-2)