Question ITU-R 144/6[[1]](#footnote-1)\*

Use of Artificial Intelligence (AI) for broadcasting

(2019)

The ITU Radiocommunication Assembly,

considering

*a)* that Artificial Intelligence (AI) technologies are increasingly used in many industrial areas in society;

*b)* that there are a number of potential applications in broadcasting (see Annex) for which AI can be effectively used to increase productivity, reliability, and improve innovative creation;

*c)* that some broadcasters have introduced AI technologies for programme production and others in the operation of broadcasting;

*d)* that it is desirable for broadcasters to receive guidance to help realize benefits from the adoption of AI in broadcasting;

*e)* that introduction of AI technologies into the programme production pathway and operation of broadcasting would benefit from guidance to facilitate integration of interoperable systems,

recognizing

that ISO/IEC JTC1 has established a Subcommittee, SC 42, on Artificial intelligence,

decides that the following Questions should be studied

1 What are the applications, requirements, and impacts of AI technologies for programme production and how can the effectiveness be increased?

2 What are the applications, requirements, and impacts of AI technologies for quality evaluation and how can the effectiveness be increased?

3 What are the applications, requirements, and impacts of AI technologies for programme assembling and access and how can the effectiveness be increased?

4 What are the applications, requirements, and impacts of AI technologies for broadcast emission and how can the effectiveness be increased?

further decides

1 that the results of the above studies should be included in Recommendation(s) and Reports;

2 that the above studies should be completed by 2027.

Category: S2

1. \* Radiocommunication Study Group 6 made editorial amendments to this Question in the year 2023 in accordance with Resolution ITU-R 1. [↑](#footnote-ref-1)