Question ITU-R 224/1[[1]](#footnote-1)\*, [[2]](#footnote-2)\*\*

Technical convergence with respect to terrestrial fixed, mobile, and broadcasting interactive multimedia applications   
and the associated regulatory environment

(2001)

The ITU Radiocommunication Assembly,

considering

*a)* that frequency sharing is an important aspect of efficiency of frequency spectrum utilization;

*b)* that frequency allocations to different services are made to avoid major incompatibilities between uses of the radio spectrum;

*c)* that where certain bands are allocated to more than one service this is based on the assumption that, within the relevant sharing criteria, those services are compatible;

*d)* that technical convergence of some terrestrial fixed, mobile and broadcasting interactive multimedia applications is occurring;

*e)* that considering this technical convergence, there may be a requirement to change the regulatory environment in order to encourage the development of these new merged applications;

*f)* that a change to the regulatory environment may include a revision of the existing Service definitions in Radio Regulations (RR) Article 1,

decides that the following Question should be studied

1 How are interactive multimedia applications of the terrestrial fixed, mobile, and broadcasting services converging technically?

2 How does technical convergence impact on the national and international radio regulatory environment?

3 If technical convergence impacts the Service definitions of RR Article 1, how should the definitions be revised?

further decides

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

2 that the above studies should be completed by 2015;

3 that progress on the above studies should be reported to the WRC‑07 through the CPM.

Category : C1

1. \* This Question should be brought to the attention of the Radiocommunication Study Groups 6, 8, 9 and Study Groups 1 and 2 of the Telecommunication Development Sector. [↑](#footnote-ref-1)
2. \*\* In the year 2013, Radiocommunication Study Group 1 extended the completion date of studies for this Question. [↑](#footnote-ref-2)