QUESTION ITU-R 131/6[[1]](#footnote-1)\*, [[2]](#footnote-2)

Common core data format for multimedia broadcasting

(2009)

The ITU Radiocommunication Assembly,

considering

*a)*that all digital broadcasting delivery systems, as well as other digital two‑way systems, will need a software interface such as Application Programming Interfaces (APIs) and that there could be substantial benefits to commonality and interoperability;

*b)* that work on return channels for interactive services has been conducted in ITU-R as well as ITU-T;

*c)* that multimedia applications comprising video, audio, still-pictures, text, graphics, etc. have been developed in the fields of communication and computing;

*d)* that it would be desirable to harmonize the application formats for content and environments between broadcasting and webcasting on an international basis,

noting

1. that digital broadcasting for multimedia services has become widely available;
2. that multiple data services are in use in many countries,

decides that the following Questions should be studied

1What data structure(s) is(are) most suited to conveying multimedia information to digital broadcast receivers?

2 What APIs should be specified for multimedia applications in broadcasting and webcasting platforms?

3 Which provisions should be made that will allow extending the common core of APIs to also encompass new multimedia delivery platforms that may emerge in the future?

4Which common core of APIs should be used by broadcasters and content providers for production and exchange of multimedia content?

further decides

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

2 that the above studies should be completed by 2015.

Category: S2

1. \* Replaces Question ITU-R 13/6. [↑](#footnote-ref-1)
2. In the year 2012, Radiocommunication Study Group 6 extended the completion date of studies for this Question. [↑](#footnote-ref-2)