QUESTION itu-r 138/6

Methods for signalling loudness compliance

(2014)

The ITU Radiocommunication Assembly,

considering

*a)* that it is desirable to preserve both the content creator's intent and consider the audience's comfort regarding programme loudness;

*b)* that a way to adjust the level of the programme is to adjust the whole programme rather than adjusting the level dynamically during the programme;

*c)* that it is desirable that automated dynamic level controls should not operate on pre‑produced audio that has already had the loudness correctly controlled;

*d)* that for some programmes, such as live programmes, it may not be feasible to make a single adjustment to the overall audio level of the programme, and that automated dynamic level control may be needed for this task;

*e)* that increasingly, live programming on television in one country can originate from another country;

*f)* that for the sake of economy, automated dynamic level controls are often installed downstream from the program switcher, near the emission end of the programme chain;

*g)* that a number of methods may be used to perform the necessary signalling to achieve this, but it is desirable for the sake of economy, simplicity and interoperability that a single method should be identified and specified for the purpose;

*h)* that broadcasters have many loudness requirements which may include, but is not only restricted to Recommendation ITU-R BS.1864 which recommends a target loudness of –24 LKFS for international digital television programme exchange,

decides that the following Question should be studied

What method/s should be employed to signal to an automated loudness and/or dynamic level control that the current programme has already had its loudness characteristics correctly controlled for the broadcasting requirements?

further decides

1 that the results of the above studies should be to:

– update existing Recommendation(s);

– prepare (a) new Recommendation(s);

2 that the above studies should be completed by 2023.

Category: S2