



Received: 11 September 2017

**Document 6B/159-E**  
**15 September 2017**  
**English only**

Subject: Question [ITU-R 19-1/6](#)

## **North American Broadcasters Association (NABA)**

### REVISION OF RECOMMENDATION ITU-R BS.1196

The North American Broadcasters Association<sup>1</sup> (NABA, [www.nabanet.com](http://www.nabanet.com)) is an association of broadcasters within ITU-R Region 2 countries Canada, Mexico and the United States. The NABA Technical Committee is its standing technical body.

NABA is a Sector Member of ITU-R and a long-time participant in ITU-R Study Groups, Working Parties, Task Groups, Rapporteur Groups, etc. NABA numbers among its members Chairmen, Vice-Chairmen and members of the above groups. NABA also participates widely in the ITU work on radio, television and multimedia services.

Many NABA members have actively participated in the specification of the ATSC next generation television system known as “ATSC 3.0”. While the ATSC 3.0 set of Standards includes multiple audio codecs, NABA has selected the AC-4 codec for use in North America. NABA anticipates using AC-4 in modes ranging from mono and 2-channel stereo, thru 5.1 channels, and for immersive audio using both higher channel counts and object audio.

As Recommendation [ITU-R BS.1196](#) recommends codecs for use in digital broadcasting, it is appropriate for this Recommendation to be updated to include AC-4 as a recommended audio codec for use in broadcasting where compatibility with legacy transmissions is not required. In March 2017 NABA submitted Document WP 6B/111 supporting approval of a revision of Recommendation ITU-R BS.1196 to include AC-4. Noting that a draft revision of BS.1196 has been prepared and was attached to the Chairman’s Report of both the October 2016 meeting of WP 6B (Document [6B/103](#), Annex 3), and again at the March meeting of WP 6B (Document [6B/144](#), Annex 3), NABA again urges WP 6B to promptly complete the work on the revision to BS.1196 and forward it to SG 6 for approval.

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<sup>1</sup> NABA members include: Ad-ID LLC; Bell Media, CBC/Radio-Canada; CBS Broadcasting, Inc.; Corus Entertainment; Dejero Labs; DIRECTV, Inc.; Disney/ABC Television Group; Dolby Laboratories, Inc.; Emmis Communications; ; Eutelsat America Corp.; Evertz Microsystems Ltd.; Fox Entertainment Group, Inc.; GlobeCast; Grupo Televisa S.A.; ; HERE; Imagine Communications; Inmarsat; Intelsat; National Association of Broadcasters (NAB); NPR; NBCUniversal; Nautel; Panasonic; Pearl TV; Public Broadcasting Service (PBS); SES; Sinclair Broadcast Group (SBG); TimeWarner, Inc.; Turner; TV Azteca S.A. de C.V.; Univision Communications Inc.; and Xperi.