The Advanced Television Systems Committee, Inc., is an international, non-profit organization developing voluntary standards and recommended practices for digital television. ATSC member organizations represent the broadcast, broadcast equipment, motion picture, consumer electronics, computer, cable, satellite, and semiconductor industries. ATSC also develops digital television implementation strategies and supports educational activities on ATSC standards. ATSC was formed in 1983 by the member organizations of the Joint Committee on Inter-society Coordination (JCIC): the Electronic Industries Association (EIA), the Institute of Electrical and Electronic Engineers (IEEE), the National Association of Broadcasters (NAB), the National Cable Telecommunications Association (NCTA), and the Society of Motion Picture and Television Engineers (SMPTE). For more information visit www.atsc.org.

Note: The user's attention is called to the possibility that compliance with this standard may require use of an invention covered by patent rights. By publication of this standard, no position is taken with respect to the validity of this claim or of any patent rights in connection therewith. One or more patent holders have, however, filed a statement regarding the terms on which such patent holder(s) may be willing to grant a license under these rights to individuals or entities desiring to obtain such a license. Details may be obtained from the ATSC Secretary and the patent holder.

Implementers with feedback, comments, or potential bug reports relating to this document may contact ATSC at https://www.atsc.org/feedback/.

### Revision History

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ATSC Standard:
A/72-3:2014 Amendment No.1, "A/53-3"

1. OVERVIEW

1.1 Definition
An Amendment is generated to document an enhancement, an addition or a deletion of functionality to previously agreed technical provisions in an existing ATSC document. Amendments shall be published as attachments to the original ATSC document. Distribution by ATSC of existing documents shall include any approved Amendments.

1.2 Scope
This amendment is in response to New Project Proposal N-056. This changes the transport signaling from A/72-2 to A/53-3:2023.

1.3 Rationale for Changes
A/72-2 is being withdrawn. The current AVC signaling is defined in A/53-3:2023.

1.4 Compatibility Considerations
There are no known implementations of A/72-2, and A/53-3 as recently amended is a subset of the signaling in A/72-2.

2. LIST OF CHANGES
Change instructions are given below in *italics*. Unless otherwise noted, inserted text, tables, and drawings are shown in blue; deletions of existing text are shown in red strikeout. The text “[ref]” indicates that a cross reference to a cited referenced document should be inserted. Yellow highlighted references indicate the document editor should insert the appropriate internal document references.

2.1 Change Instructions

*Change the following normative references:*


*Change 7.1 as follows:*

7.1 MPEG-2 Systems Standard Usage
The transport subsystem shall comply with the Transport Stream definition of the MPEG-2 Systems standard as specified in ISO/IEC 13818-1 [8] [9] and shall be further constrained as specified in ATSC A/53 Part 3 [2] and herein. Program shall mean the collection of all elements within the emission that have the same value of MPEG-2 program_number.

The stream_type value for MVC Base view sub-bitstream program elements shall be same as the value of stream_type for AVC video program as defined in A/72 Part 2 [7] A/53 Part 3 [2] (0x1B).
The `stream_type` value for MVC Dependent view sub-bitstream program elements shall be equal to 0x20 as defined ISO/IEC 13818-1 [8] [9]. The video T-STD for MVC Dependent view sub-bitstream shall be as defined in ISO/IEC 13818-1 [8] [9] and shall follow the constraints for the profile and level encoded in the video elementary stream in Annex H of ISO/IEC 14496-10 [10].

An MVC Base Access Point shall occur at least once per second in accordance with Section 6.1 of ATSC A/72 Part 2 [7] for an AVC Access Point. Additionally, the MVC Dependent Access Point shall occur at the same time and with the same period as the MVC Base Access Point. Video streams of `stream_type` 0x20 shall be identified and constrained as described hereinafter.

– End of Document –