VSF Releases New Specification to Promote ST 2110 Interoperability
- Defines formats commonly used in IP video production-

June 27, 2018 – The **Video Services Forum [VSF]** announces the availability of a Technical Recommendation TR-05 entitled "Essential Formats and Descriptions for Interoperability of SMPTE ST 2110-20 Video Signals." This new TR, which is freely available for all parties to download and use, is available at http://videoservicesforum.org/technical_recommendations.shtml

TR-05:2018 provides a full description of several commonly-used video formats using SMPTE ST 2110-20:2017 for uncompressed transport over IP networks. These descriptions are provided for use throughout the media production industry. The TR should improve interoperability by clarifying exactly how the formats are described when using the new SMPTE standards. The Recommendation covers commonly-used video formats, including HD-SDI and UltraHD.

"One of the challenges with any standard that is as flexible as SMPTE ST 2110-20 is the enormous number of video formats that are permissible within the constraints of the specification," said Wes Simpson, co-author of TR-05 and President of Telecom Product Consulting. "We formed our group to specify a small number of essential formats in order to make it easier for suppliers to design products and for broadcasters to deploy systems that will work smoothly across a wide range of applications."

Each of the nine video formats in TR-05 has been given a precisely defined set of SDP parameters, including key aspects such as image size, frame rate, sampling depth, colorimetry and image transfer characteristics. Each format has also been given a colloquial format name and is listed as a member of one of the format groups that are defined in the document. Product suppliers and users are encouraged to use these names and groups in order to simplify product documentation and requirement descriptions.

"This Technical Recommendation is the result of standards-based work by active members of the Video Services Forum, and reflects our organization's ongoing commitment to openness and innovation for all types of video transport," said VSF President Richard Friedel, EVP, Technology & Broadcast Strategy, 21st Century Fox.

About The Video Services Forum

Founded in 1997, the Video Services Forum (VSF) is an international association composed of service providers, users and manufacturers dedicated to interoperability, quality metrics and education for video networking technologies. The organization's activities include providing forums to identify issues involving the development, engineering, installation, testing and maintenance of video networking

technologies; exchanging non-proprietary information to promote the development of video networking technology and to foster the resolution of issues common to the video services industry; promoting interoperability by contributing to and supporting development of standards by national and international standards bodies. Visit VSF online at http://www.videoservicesforum.org.

Bob Ruhl
VSF Operations Manager
bob.ruhl1@verizon.net
609-410-6767