



**Video Services Forum, Inc.
News Letter**

Date: 9/18/2015

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This is the nineteenth issue of the Video Services Forum (VSF) News Letter. The VSF Board feels it is important to keep you informed about what is going on within the VSF; the VSF is **your** organization.

VSF Directors and Officers:

The current Board is shown below with their term expiration dates. VSF Board Members are elected by VSF Members during the annual VidTrans Conference and Exposition.

Director	Company	Term Expires
Rick Ackermans	Turner Broadcasting	2017
Pierre Costa	AT&T	2017
John Dale	Media Links	2017
Janne Morstol	Nevion	2017
John Jones	Verizon	2016
John Mailhot	Imagine Communications	2016
Steve Storozum	Level 3 Communications	2016
Emory Strilkauskas	ESPN	2016

The following VSF Officers were elected by the VSF Board for two-year terms, which expire February 2017.

President	Richard Friedel	FOX	2017
Vice President	Carl Ostrom	System Resource	2017
Secretary/Treasurer	Jack Douglass	PacketStorm Comm.	2017

VSF Member List can be viewed at:

http://videoservicesforum.org/current_members.shtml

VSF Staff:

Brad Gilmer – Gilmer & Associates, VSF Executive Director
Bob Ruhl – VSF Operations Manager

Meetings and Conferences:

Upcoming Meetings & Events:

The VSF October 2015 Meeting Series will be held on October 7&8 at CBC/Radio-Canada in Montreal, Canada. Registration is open at www.videoservicesforum.org.

VidTrans2016 Annual Technical Conference and Exposition will be held February 23 - 25, 2016, at the Sheraton New Orleans Hotel, New Orleans. Registration will be open in mid-October.

The VSF May 2016 Meeting Series will be held on May 11 & 12 at B-com Technology Research Institute, City of Rennes, France.

Recent past Meetings and Events:

VidTrans2015 Annual Technical Conference and Exposition was held in Los Angeles, California at the Marina del Rey Marriott on February 24-26, 2015. VSF would like to give special thanks to our sponsors; Artel Video Systems, Ciena, FOX, Lighttower and Media Links.

The VSF October 2014 Meeting Series was held on October 7&8 at ESPN in Bristol, Connecticut. Over 120 people attended this meeting. VSF would like to give special thanks to our sponsors; Cisco, ESPN, Lighttower, Media Links and Video Clarity.

The VSF May 2014 Meeting Series was held on May 5 & 6 at AT&T in Austin, Texas. Over 80 people attended this meeting. VSF would like to give special thanks to our sponsor; AT&T.

Joint Task-Force Networked Media update:

On September 4, 2015 the European Broadcasting Union (EBU), the Society of Motion Picture and Television Engineering (SMPTE) and the Video Services Forum (VSF) have announced the release of the JT-NM Reference Architecture (RA) v1.0 document; a collection of models, best practices, and frameworks intended to facilitate interoperability in networked media systems.

RA V1.0 is available now at <http://www.jt-nm.org/RA-1.0/index.shtml>

In this first version, the RA focuses on three foundational frameworks. The foundational frameworks provide our industry with a common, interoperable approach to how devices and services are uniquely identified, discovered and how their capabilities are registered. The RA also provides a timing model supporting PTP and SMPTE 2059 Standards. These frameworks are building blocks that will enable networked media to deliver new workflow possibilities.

The Joint-Task Force on Networked Media (JT-NM) was formed in the context of the transition from purpose-built broadcast infrastructure to standard computing, storage and network infrastructure. JT-NM was set up to foster discussion among subject-matter experts, and to drive the development of an interoperable network-based infrastructure for live media production, encompassing file-based workflows. It brings together broadcasters, manufacturers, standards bodies and trade associations.

Activity Group Updates

Activity Groups (AG) supply input and expertise to various industry standards bodies on behalf of the VSF. These are some of the topics that VSF Activity Groups are actively addressing:

Interop Activity Group

The Interop Activity Group held two Interop workshops at Fox, The Woodlands, Texas during 2015 leading up to a Public Interoperability demonstration focusing on HD 1080i interlaced video, audio and ancillary data transport on February 24-26, 2015 at Vidtrans15 Conference and Exhibition at the Marina del Ray Marriott, Los Angeles, CA.

Chair: Jack Douglass, PacketStorm

RTCP Signaling Activity Group

The RTCP Signaling Activity Group was formed in May 17, 2014, and issued a Technical Recommendation (TR-02) on March 3, 2015 entitled "Using RTCP for In Band Signaling of Media Flow Status". This Technical Recommendation, which uses existing standards, defines an interoperable configuration of RTCP for signaling On Line and Off Line status of any given RTP datagram flow. The process defined includes signaling of both the intended status of the sender, as well as the current condition of the receiver, is available to VSF Members and Non-Members in PDF format.

Chair: Carl Ostrom, System Resource

SVIP (Studio Video over IP) Activity Group

The SVIP Activity Group was formed April 17, 2014 and tasked to develop or recommend a standard for Video over IP without SDI encapsulation. To achieve this goal, The SVIP Activity Group studied and documented the requirements for Video over IP/Ethernet within the broadcast plant, including the following elements: Video, Audio, Ancillary Data, Groups, Timing, Sequencing, Identities and Latency. The SVIP Activity Group researched current and proposed solutions and developed a gap analysis between requirements and existing solutions. The Activity group is now finishing a Technical Recommendation that references what the Activity Group feels are the best available existing standards to achieve its goal, with a minimum amount of invention.

Chair: Mike Bany, DVBLink, Inc.

HBRAV Activity Group

The current work of the HBRAV group, established May 17, 2014, is investigating the possibility of minor improvements or enhancements to SMPTE 2022-6, with an emphasis on attempting to maintain compatibility with both the spirit and the details of the existing document. Work will focus on clarifications and enhancements on the use of the timestamps, and minor variations of the packet lengths. Overall goal is to produce a consensus redline draft to take to SMPTE for further action.

Chair: John Mailhot, Imagine Communications

J2K Activity Group

Current work in the J2K Activity Group considers bidirectional, interactive applications that require specific optimizations for low system latency, as well as real-time transport of high end film and television production video formats.

The J2K Activity Group is liaising with DVB, EBU and JPEG in order to create recommendations that are aligned with ongoing work on J2K over MPEG2 TS within these groups.

Co-Chairs: John Dale III, Media Links, Inc. & Inge Hillestad, Nevion

To learn more about these and other VSF Activity Groups please visit:
<http://www.videoservicesforum.org/about/index.htm>.

A **Presentations Database** was established during the 2Q2014. This database is provided as a tool to VSF members to easily locate past presentations. Use the sort and search features to find presentations by topic, presenter name, etc...

<http://www.videoservicesforum.org/presentations/index.shtml>

Video Services Forum received 2014 Emmy® Award: The VSF received The National Academy of Television Arts & Sciences (NATAS) Emmy® award for its work on Standardization and Productization of JPEG2000 (J2K) Interoperability at the 66th An-

nual Technology & Engineering Emmy® Awards presented at the Bellagio Hotel during the International Consumer Electronics Show in Las Vegas on January 8th, 2015.

In addition seven (7) VSF members received this award. For additional information go here: http://www.videoservicesforum.org/resources/pr_20140804.shtml

Summary:

That's it for now. If you have any comments or suggestions, or if there is a topic that you would like to see covered in the next issue of the News Letter, please contact Bob Ruhl at **bob.ruhl1@verizon.net**.