Video Services Forum
Annual Membership Meeting

March 27, 2023

Membership Meeting Agenda

Bylaws Section 4.8

1. Roll call not required (Bob will us Zoom attendance info)

2. Approval of minutes June 2022 member mtg.

3. Receiving and acting upon reports of Directors and Officers (including a financial report)

4. Approval of annual budget

5. Unfinished and new business

6. Election of Directors (if required)

Speakers

- **Richard Friedel, VSF President** will presided over the meeting and introduce items of business such as:

  - Calls for votes

  - Board Elections

  Brad Gilmer, VSF – Review Activity Groups and Unfinished and New Business. (Slides 16 - 20)

  Jack Douglass, Packetstorm – Reviewed the Financial Reports (Slides 21 – 26)

Meeting Protocol

- Adhere to Robert's Rules of Order as per VSF Bylaws

- Business item discussions will be by turns

- In deference to your valuable time, we will try to limit this meeting's duration to 30 minutes.

  - Keep focus on main purpose of the gathering

  - Keep comments short, considered, and to the point

  - Goal:

    - 5 minutes for roll call, minutes approval, reporting

    - 5 minutes for budget approval

    - 10 minutes for unfinished and new business

    - 10 minutes for board and officer elections

Roll Call

- Bylaws require a quorum of members present to transact business.
    - Quorum = 51% of Members Present
    - As of 3/19/2023, 54 members, means quorum requires 27 members to be present.
    - Present = 27

ROLL CALL – VSPF (6)

Member Organization	Principal Representative	Present/Absent
Astound Business Solutions	Sean J.W. Sullivan	A
AT&T	Scott Beckett	P
Lumen Technologies	David Robison	P
Internet Initiative Japan Inc	Bunji Yamamoto	A
The Switch / Beers Ent Inc.	Gil Hanna	A
Verizon	Larry Sugarman	P

ROLL CALL – VSUG (12)

Member Organization	Principal Representative	Present/Absent
BBC	Peter Brightwell	A
CBC/Radio-Canada	Martin R. Marcotte	A
CBS	Rick Ackermans	P
Disney	Michael Kidd	A
EBU	Ievgen Kostiukevych	A
FOX TV	Michael Bany	P
MediaHub Australia	Simon Scott	A
NBC	Grant Mcgilvary	A
Nebraska Educational Telecom	Ling Ling Sun	P
PBS	Tom Crowe	A
Sinclair Broadcasting Group	Matthew Goldman	P
WBDiscovery	Gregory Stigall	P

ROLL CALL - VSIF Full Members (21)

Member Organization	Principal Representative	Present/Absent
AJA Video Systems	Eric Gysen	A
Arista	Albert Faust	A
Artel	Rafael Fonseca	A
AWS Elemental	Thomas Edwards	A
Cisco	Sunil Gudurvalmiki	A
Cobalt Digital Inc.	Ciro Noronha/Ryan Wallenberg	P
Evertz	Eric Fankhauser/	P
Haivision Systems	Karen McCone	A
Imagine Communications	John Mailhot	P
Intel	Raul Diaz	A

ROLL CALL - VSIF Full Members (Cont.)

Member Organization	Principal Representative	Present/Absent
Macnica Americas	Andrew Starks/Marc Levy	P
Media Links, Inc.	John Dale	P
Net Insight	Per Johansson	A
Nevion	Andy Rayner	P
NVIDIA	Tom True	A
PacketStorm Comm.	Jack Douglass	P
Ross Video	Wojtek Tryc/Chris Lennon	P
Sony	Hilda Kosovich	A
Telestream	Jim Welch	A
TELSTRA	Emory Strilkauskas	A
ZiXi LLC	Israel Drori	A

ROLL CALL – Associate Members (31)

Member Organization	Principal Representative	Present/Absent
Adeas	Antoine.Hermans	A
Analog Way	Daniel Bouquet	P
Appear TV	Geoff Bowen	P
Arkona Technologies	Erling Hedkvist	A
Arqiva	Daniel Lynch	A
ARRI	Herbert Bayer	A
ASTRODESIGN	TOCHIMOTO Yoshiaki	A
ATEME	Fabrice Sana	A
BRIDGETECH A/S	Rolf Ollmar	A
BT	Ian Wallace	A
Christie Digital Systems	Karl Johnson	A
Comprimato	Jiri Matela	A
DekTec Digital Video B.V.	Stephane Billat	A

ROLL CALL – Associate Members (Cont.)

Member Organization	Principal Representative	Present/Absent
Diversified	Karl Paulsen	A
EVS Broadcast Equipment	Valarie Popie	A
intoPIX	Katty Van Mele	P
Matrox	Jean Lapierre/ Gaétan Gauthier	A
M3L Inc.	Kenji Fukuda	A
MediaKind	Tony Jones	A
NationalTele Consultants NTC	Laurie Morse	A
NETGEAR Business	John Henkel	A

ROLL CALL – Associate Members (Cont.)

Member Organization	Principal Representative	Present/Absent
NTT Electronics Europe	Marco Fabi	A
NVIDIA	Tom True	A
Panasonic	Hideki Ohtaka	A
Riedel Communications	Lars Höhmann	A
Sencore, Inc.	Barb Perrion	A
Sumavision Technologies	Linda Gou	A
TAG V.S.	Paul Briscoe	A
Utah Scientific, Inc.	Dave Burland	A
VILLAGE island	Michael Van Dorpe	A
Zayo	Mike Walters	A

ROLL CALL - Start-up/Consultant & Trial Members (30)

Member Organization	Principal Representative	Present/Absent
Alchemediasg LLC	Lynn Rowe	A
AlvaLinks Media Systems	Adi Rozenberg	P
Aveco	Jim Obrien	A
Axiom Media Systems	Michael Walter	A
Broadcast Advocate	Richard Friedel	P
Carnation Communications Inc.	Yendo Hu	A
Clark.is	Bob Baker	P
DEVO	Les Zoltan	A
DHC	Dan Holland	A

ROLL CALL - Start-up/Consultant & Trial Members (Cont.)

Member Organization	Principal Representative	Present/Absent
Gary D. Schneider	Gary D. Schneider	A
HomeRun Production Services	Douglas McGee	A
Kakadu-Software	Graham Morton	A
Leader Electronics Corporation	Koji Yano	A
LearnIPvideo.com	Wes Simpson	P
Media Transport Solutions	Paul Atwell	P
MEDIA ASSET CAPITAL	Graham Sharp	A
MEINBERG	Andrew Decker	A
NationalTeleConsultants	Laurie Morse	A
Nextera Video Inc.	Jed Deame	A
Ocon Solutions Company	Jim Ocon	A
Open Broadcast Systems	Kieran Kunhya	A

ROLL CALL - Start-up/Consultant & Trial Members (Cont.)

Member Organization	Principal Representative	Present/Absent
PB Technologies Group	Phil Bernel	P
Pebble TV	Daniel Robinson	A
Port 9 Labs	Mike Coleman	A
Shift 2 Stream	Steve Calzone	A
Qvidium	Ron Feldman	P
SipRadius LLC	Sergio M. Ammirata	A
SOUTHWORKS	Johnny Halife	A
System Resource	Carl Ostrom	P
Xcelux Design	Koji Oyama	A

Minutes of June 2022 Meeting

- Minutes were sent by email to all Principal Representatives during June 2022 by Bob Ruhl with no comments received.

- Call for alterations – None

- Vote to approve - Approved

Director's & Officer's Report

- Brad Gilmer to provided a verbal report on:
  - Technical Programs & Membership Expansion
  - Standards Liaison Organization
- No action required

Unfinished and New Business

- **Activity Groups/Standards Development**

- The **RIST** project was launched to address the lack of compatibility between devices from different manufacturers being used to provide live, low-latency contribution quality video via the Internet. To date, TR-06-1 covering RIST Simple Profile and TR-06-2 Main Profile have been fully released and adopted by multiple vendors. A set of RIST interoperability levels has also been defined and published as the TR-06-2 RIST Levels Annex. TR-06-3 (RIST Advanced Profile), first released in 2021, provides a protected tunneling mode that can carry any legacy protocol, including RTP-based media signals such as SMPTE ST 2110, ST 2022 and MPEG TS over UDP. In addition, bidirectional protocols based on TCP can be transported securely and reliably in the same packet tunnel while consuming only a single UDP port to simplify firewall configuration. It was revised in 2022 to include a reference to the EAP SHA256-SRP6a Authentication Protocol, which is documented in Annex D of TR-06-2:2022.. TR-06-4 Part 1 (Source Adaptation) released in 2022, defines a protocol for a stream receiver to report current network conditions to a stream sender. Based on this information, the stream sender can dynamically adapt to varying network conditions, either by changing the routing or changing the bit rare. Work continues within the group towards developing the Advanced profile of the RIST specifications that includes a flexible secure tunneling protocol plus additional features and capabilities.

Co-Chairs: Rick Ackermans CBS Operations & Engineering & Wes Simpson LearnIPvideo.com

Unfinished and New Business

- **Activity Groups/Standards Development Continued**:

- **Ground-Cloud-Cloud-Ground** (GCCG). This activity group will collect and organize user requirements and work towards establishing a common technical approach such that multi-vendor interoperation is possible. This group will operate under the IPR guidelines of the Video Services Forum. The specific tasks of this group are detailed in the Activity Group Authorization Form. Co-Chairs: John Mailhot-Imagine Communications and Andy Rayner – Nevion

-**Internet Protocol Media Experience** (IPMX) Activity Group. This activity group is working on a set Technical Recommendations to enable the carriage of compressed and uncompressed video, audio and data over IP networks for the ProAV market. IPMX series of Technical Recommendations will be published as TR-10. This group will operate under the IPR guidelines of the Video Services Forum. The specific tasks of this group are detailed in the Activity Group Authorization Form. Co-Chairs: Jack Douglass-PacketStorm and Jean Lapierre-Matrox

Unfinished and New Business (continued)

VSF and SMPTE-32NF:

- **Created the following Standards (VSF originated work)**
  - 2022-1: FEC for CBR MPEG2 TS over IP
  - 2022-2: Encapsulation of CBR MPEG2 TS to IP
  - 2022-3: Piecewise Constant VBR MPEG-2 TS over IP Networks
  - 2022-4: Non-piecewise Constant VBR MPEG-2 TS over IP Networks
  - 2022-5: FEC for High Bit Rate Media Transport
  - 2022-6: Mapping of High Bit Rate Media Transport over IP Networks
  - 2022-7: Seamless Protection Switching of SMPTE ST 2022 IP Datagrams
  - ST 2110 (10, 20, 21 & 30) Standards for Professional Media Over Managed IP Networks, Published Sept. 18, 2017
  - The ST 2110 Emmy award was shared between SMPTE & VSF

Other Unfinished and New Business

- [VSF June Virtual Meeting](#)
  Location: Zoom
  Date: TBD
  Hosted by: VSF

- [VSF October Meeting](#)
  Location: NYC
  Date: 10/23/2023
  Hosted by: TBD

- [VidTrans24](#)
  Location: Marina del Rey, CA
  Dates: February 27 – 29, 2024

- Call for items from the floor - None

Financial Report Dec 2022 (no action required)

	Actuals
Income	
VidTrans2022 & 23	127,100
Membership Dues & Reserves	229,927
Total	357,027
Expense	
VidTrans22,23 & Other Meetings	(111,933)
Moderator & Ops. Mgr. Services	(112,592)
Accounting, Insurance, Legal & Website	(11,669)
Bank Service Fees	(3,746)
Testing event, Shipping & Other Supplies	(2537)
Total	**(242,477)**
Net Ordinary Income	**114,550**
Interest Income	**1,375**
Net Income	**115,925**
Retained Earnings	**541,402**
Total Equity	**657,327**

Note: Includes $5000 - 2021, $182,827 -2022, $42,100-2023 dues.

Note: Includes $96,162 VidTrans22, $2,000 VT23 and $13,771 Other Mtgs.

VSF 2023 Budget

- Pursue activities that benefit members
  - Support additional Interop Sessions & IP Showcase Demonstrations
  - Continue work of Joint Task Force-Networked Media as required
  - Promote/support new Activity Groups

- Continue coordination with other bodies
  - VSF participation with other industry trade & standards organizations (AMWA, EBU, NABA, SMPTE)

- Increase Membership

- Broaden Membership

VSF 2023 Budget

- Membership dues at same level as 2022.

- VidTrans24 will be cash flow positive. Projected attendance 170. VidTrans23 attendance was 148.

VSF 2023 Budget Pro-Forma

Income

Invoiced Dues	$	230,000
VSF Meetings Net Inc.	$	0
VidTrans23 Net Inc.	$	5,600
	$	235,600

Expenses

Moderator Services	$	(85,000)
Management Services	$	(60,000)
Testing Events & IP NAB & IBC Showcases	$	(25,000)
Insurance & Legal	$	(7,500)
Website Hosting	$	(2,400)
VidTrans22 & Misc. Exp.	$	(12,000)
Other	$	(8,000)
	$	(199,900)

Net Contribution +/- Income	$	35,700

VSF 2023 Budget

- Motion to Approve? Approved

Board of Directors Election

- **Process**
  - Voting is by attending member meeting
  - Only paid-up Full Members and Associate Members may vote
  - Each Member has one vote for each seat
    - Up to three votes for VSPF seats (Service Providers)
    - Up to three votes for VSIF seats (Manufacturers)
    - Up to three votes for VSUG seats (Users)
  - Only Full Members and their representatives may be nominated for election, one per "entity"
  - If same number of nominees as open seats in a category, de facto election results

Nominees

The following Board Members were elected for a 2 year term ending in February, 2025: (one VSPF seat, two VSIF seats, and two VSUG seats).

Candidate	*Member Organization*	*Category*
Scott Becket	AT&T	VSPF
John Dale	Media Links	VSIF
Andy Rayner	Nevion	VSIF
Michael Bany	FOX	VSUG
Rick Ackermans	CBS	VSUG

NOTE: If the membership wishes to nominate other candidates for board positions, separate elections shall be held for board members in each category. If no additional nominations from those present then no vote required.

2023-2024 VSF Board of Directors

Representative	Member Organization	Category	Term Ends
John Mailhot	Imagine Communications	VSIF	2024
Thomas Edwards	AWS	VSUG	2024
David Robison	Lumen	VSPF	2024
Larry Sugarman	Verizon	VSPF	2024

2021-2023 VSF Officers

VSF Board/Officers are elected bi-annually by the Board of Directors and may be selected from those persons who regularly attend Corporation meetings, including representatives of associate members. These positions will be filled at a Board of Directors meeting following the 2023 Membership Meeting. They are two year terms ending in 2025. (Does not require a member vote.)

Representative	Member Organization	Title	Term Ends
Richard Friedel	Consultant	President	2023
Carl Ostrom	System Resource	Vice President	2023
Jack Douglass	PacketStorm	Secretary-Treasurer	2023

Meeting Adjourned