

Hello,

As we did most of our section business at the beginning of the 6/30/21 V&S meeting, we have thus freed up the 7/14/21 meeting for the review of the streaming solution.

I have organized my questions and also the points raised by Barbara - both from 7/6/21 - into a spreadsheet - see attached.

I will use it during the review today.

Jeff - This review is for you to **educate us on what is being proposed** so that we could make an informed decision.

- I will ask questions, one by one, as listed in the spreadsheet.

- You will have, on average, 1.5-2 minutes, to give us a high-level oral answer to each question.

- I will record the summary of the answer and any high-level issues in the spreadsheet, and you will see those records on my screen share.

It is unlikely we will have time to debate. At this time, we simply want you to educate us.

Thank you,

Vladimir

Barbara,

This might work if the speaker/presenter is chained with a two-foot cord to the screen/tv; most presenters like to wander a bit and engage the audience, especially when answering questions. It also means that those asking questions will be off screen unless we require them to come up and speak next to the screen. I believe both of those restrictions would make our presentations less interesting.

I also have noticed, especially in darkened rooms, that when a speaker is in the same frame as a white background presentation, either the speaker is underexposed or the presentation is over exposed. Our video cameras can't handle both gracefully. We could purchase new cameras capable of handling the wider exposure range, but that won't address the first point.

Enjoy, Jeff

On 06 Jul 2021, at 20:44 , Barbara McCullough <barbdocqa@gmail.com> wrote:

In speaking with my son-in-law who works in IT, we can do this as simply as having the speaker stand in front of a computer on which we are running the WebEx. We can record that way as well and we can get the attendance record too. Everyone already in the room will be able to see and hear the speaker and we can have the screen show on the TVs if we want so we can see the people who are online as well.

This allows any one of us to run it without having to do a bunch of post processing. The only cost necessary would be for a laptop that has the proper processing power and an HDMI hook up and a couple USB Ports in case we want to hook a mic or external speaker to it.

This seems to be the simplest way to accomplish what we want to do. We also needed a new laptop for the section to show presentations from anyway, so that kills two birds with one stone. I'm sure we can get a laptop for less than \$1,000 (Walmart has Dell Latitudes for \$699.)

The biggest problem with live streaming from any venue we go to is the noise and the lack of good WiFi. We need to find places that have conference rooms or at least a door we can shut and a reliable internet connection. I'm not sure where that will be, but most of the restaurants we went to, just don't provide good WiFi. Anyway, that's my recommendation.

Barb

On Tue, Jul 6, 2021 at 3:38 PM Vladimir Nesterovich <asq-member@nesterovich.us> wrote:

Jeff,

Per the decision of the 6/30/21 V&S meeting, the main item on the 7/14/21 Board Agenda will be item **2.3.2 "Attendance via Streaming (Section Meeting only)"** from the Draft Catalog we reviewed at the 6/30/21 V&S meeting.

Given the schedule of the meetings (July, August - WebEx Round Tables, September - Ranger Outing), we are targeting October as the 1st meeting in the traditional setting. It is best if we have streaming by then.

Here is how I understand the questions for the 7/14/21 discussion as I heard them on 6/30/21 and other occasions:

- What equipment is needed for streaming?
- Will it be operational at the October 2021 meeting?
- Do we have financing for this? Any approvals needed?

- Who will be able to operate that equipment?
- Will the people at the local setting be able to see and hear people at the remote setting?
- Will we be able to record the cast from the remote setting?
- Will we be able to record the cast from the local setting?
- Are they 2 different recordings or do they need to be mixed for the final video? Who and when mixes them - in real time or after the meeting?
- Will the cast from the local setting accommodate both the Speaker / Moderator and any individuals who participate in the discussion (such as Round Table)?
- Is any equipment (such as a TV screen to see the remote setting) expected to be provided by the restaurant?
- While seeing the remote participants, will we also be able to see the screen (such as slides) projected by the Speaker or Moderator?
- Will the remote participants be able to see the Speaker's (Moderator's) slides?
- Are we relying on WebEx or some other technology as the transport between local and remote?
- Is there a way to assure or see the remote participants enable video?

Jeff - Please kindly be ready to lead this review at the 7/14/21 Board meeting.

Thank you,

Vladimir

Section 0511 Meetings - Streaming Solution			
<i>Discussion at the 7/14/21 Board Meeting</i>		Note	Comment
1	Overview		
1.1	What equipment to be purchased is proposed for streaming?		
1.2	Do we have financing for this? Any approvals needed?		Treasurer / Finance Committee to speak.
1.3	Who will be able to operate that equipment?		
1.4	Will it be operational at the October 2021 meeting?		
1.5	If not operational by October 2021 or in case of emergencies, is there an inferior "Plan B" solution available?		
2	Location's Equipment		
2.1	Is any equipment (such as a TV screen to see the remote setting) expected to be provided by the restaurant?		
3	Streaming Technology		
3.1	Are we relying on WebEx or some other technology as the transport between local and remote?		
3.2	Which internet connection will we rely on? How should it be arranged?		
4	Featured Speaker and Round Table Moderator		
4.1	Does the setup accommodate the Featured Speaker walking by the Screen? Specifically, will the Featured Speaker be recorded and streamed?		
4.2	Will the Moderator be able to sit at the Moderator's desk to manipulate the Chat window and files in real time?		
4.3	Will the Moderator sitting at the Moderator's Table be recorded and streamed?		
5	Remote Participants for Local		
5.1	Will the local participants be able to see the remote participants?		
5.2	While seeing the remote participants, will the local participants also be able to see the screen (such as slides) projected by the Speaker or Moderator?		
5.3	Is there a way to assure or see the remote participants enable video? (This may matter if we require seeing the participants for granting of RUs.)		

5.4	Will we be able to collect the attendance records from the remote participants?		
5.5	Will the dial-in be available (e.g., in case laptop is not available, in case audio is bad)?		
6	Local Participants for Remote		
6.1	Will the remote participants be able to see the local participants?		
6.2	While seeing the local participants, will the remote participants also be able to see the Speaker's (Moderator's) slides?		
7	Sound		
7.1	What equipment will provide sound for the local participants to hear the remote participants?		
7.2	What microphone will capture the Featured Speaker (next to the screen)?		
7.3	What microphone will capture the Moderator (sitting at the Moderator's Desk)?		
7.4	What microphone will capture the local participants, for example, during a Round Table discussion?		
7.5	Will the microphones have noise cancellation?		
7.6	How will the Moderator hear the remote participants?		
8	Recording		
8.1	Will we be able to record the cast from the remote setting?		
8.2	Will we be able to record the cast from the local setting?		
8.3	Are they 2 different recordings? or do they need to be mixed for the final video? Who and when mixes them - in real time or after the meeting?		