VQEG notes 23/01/2014

Thanks to Florence (SKY) for taking notes

Florence revisited the DVB TM 3DTV discussion to seek VQEG expertise for evaluating the spatial multiplex options: side by side, top and bottom, and tile formats.

The following were agreed:

* VQEG writing a first draft of a testplan until end of February

(tentative Acreo, IRCCyN, FuB, NTIA, Intel, AGH)

* DVB providing the Processed Video Sequences (DVB) in Two View Full-HD format from SRC that can be used license-free by VQEG participants (at least within this project) or that is provided by VQEG
* VQEG participants are running the subjective experiment (tentative

Acreo, IRCCyN, FuB, AGH)

* The data analysis is performed by VQEG as specified in the testplan

(as written before the execution of the subjective assessment)

(tentative Acreo, IRCCyN, FuB, NTIA, Intel, AGH)

* The decision on the superiority of the different formats is left to DVB
* This project is under the umbrella of the 3DTV group

In favor:

* Acreo, Intel, AGH, NTIA, FuB, Sky, UWS, Yonsei

No opinion:

* UGhent, T-Labs, Swissqual, Opticom

Against:

* none
* We agreed to organize a conference call next week in order to discuss the details.
* A doodle poll was created for a VQEG/DVB TM 3DTV Group telco
* Margaret drafted a list of questions for Florence to put forward to the DVB TM 3DTV Group prior to the VQEG/DVB TM 3DTV Group telco regarding the DVB proposed study of spatial multiplexes. Link?

Hybrid

The following were reviewed the following the hybrid session

* MOS of the source sequences – still under review
* MOS Model performance for the hybrid – still under review
* Common set and super set mapping
  + Decision: Should src3(snowfall) sequence be removed from the common set of hd? Yes, remove from the common set.
  + Decision: Keep the super set for secondary analysis
  + Should MOS or DMOS be used for the reduced reference and full reference metric models? Currently MOS is being use – still under review
  + Need to have a virtual meeting to completely finish (1 to 2 months from now)
  + Assign tasks to people in terms of writing and running data analysis
  + Review the hybrid first draft document
  + Need to discuss how VQEG will recommend this model as a standardized model?
  + How to phrase the executive summary was discussed Start by using the same way we’ve done in the past to the ITU.
* With the super sets, we should divide into sub categories as appropriate and do the analysis

AVHD

* Kjell suggested that the adaptive streaming project should be its own project and not part of AVHD – still open

Andrew presented a paper on Impact of Mobile Devices and Usage Location on Perceived Multimedia Quality ???Link

* Demoed a software that can be used to rate video quality on multiple portable devices. Andrew shared the following the links to the software

Download the software

<http://go.usa.gov/ZSkk>

Manual

<http://go.usa.gov/ZSaz>

2012 QoMEX paper

<http://go.usa.gov/Zha5>

* Andrew plans to put the software on GitHub for easy collaboration but there are still pending issues in terms of getting the GitHub approved.
* The software supports different kind of tests such as forced choice tests, pre-response tests etc
* Kjell presented the interface of their crowdsourcing software - work in progress.
* Vittorio talked about an invitation from MPEG concerning a call for proposal for the encoding of screen content using HEVC and the setup of how the subjective tests will be carried out.
* The purpose was to offer the possibility of being paid to run some subjective assessment.
* Vittorio to send an email using the general VQEG reflector to collate people who are interested in running the subjective tests.

Margaret: Are there any objections to publishing the first VQEG e-letter after all necessary edits have been done? None

Arthur: There’s a document on the VQEG ftp site that has the statistics for the ITU-T study group (document 17) over the last four or five years. The recommendations that were the most popular were the video quality. Liaisons from Study Group 9 with the 3D draft recommendations are on the VQEG’s ftp site.

VQEG Board meeting

Arthur introduced the adaptive streaming and the work in Study Group 12 Q 14, which is well laid out in terms of deadlines etc.

What should VQEG do in this area and should adaptive streaming go under the AVHD project or create another group to look into adaptive streaming.

Suggestions

1. Segregation of less active groups into a different group, especially on the website.
2. Clearly identify projects that are joint efforts and competitive efforts
3. A defined deadline approach
4. An hierarchy approach
5. Distinguish between groups and projects
6. Use the Qualinet approach where a project is finished.

Discussion ensued – still under review