VQEG Meeting Minutes

Hillsboro, OR

12/14/2011

(notes taken by Harvey Lieber, Dialogic)

Hybrid

Chulhee and Silvio reported status. The model submission deadline was 11/30/2011, however there were various problems.

* There were problems with the generation of the test vectors, however the issues have been resolved.
**It was decided that the new schedule is that: the test vectors will be generated by 1/15/2012 and will be validated by 1/31/2012.**
* There is a problem with the working system tool chain (H264BitstreamExtractor 🡪 JM) as it cannot handle duplicate or re-ordered packets.
**It was decided that the solution will be to modify the tool to clean-up the packets. Yonsei offered their tools for optional use. If some complex cases remain then they will be discarded.**
* There are currently no test vectors for MPEG2.
**Chulhee will verify with Opticom however tentatively the recommendation is to drop MPEG2.**
* To date, 4 proponents (Opticom, Yonsei, DT, SwissQual) have announced that they will submit models.
**Decision: The new schedule for final Model submission date is April 30, 2012**
* **Decision: Given the schedule delay, the submission deadline was extended.
The invitation is extended to NTT (one of potential proponents, decision by Dec. 31, 2011). Any other proponent who showed interest in the past may participate. But, they can not cause any additional delay and must declare their intention by Dec. 31, 2011. The new proponents need to pay the fee and provide at least one data set in a timely manner. The new proponents can also donate test vectors until Jan. 15, 2012.**

ILG

* Kjell reported Vladimir (RT-RK) will be the contact point for receiving models and rough validation. For example, Vladimir will verify that the models don't crash in some critical cases. Kjell also reported that proponents may submit their testing designs to him.

Potential New Projects

* Arthur discussed a new project, originally proposed by Emmanuel, called Monitoring of Audio Visual Quality by Key Indicators (MOAVI)
**Decision: It was agreed to start this project and the following parties volunteered: SwissQual, FT, DT, BT, AGH, RT-RK, NTIA
The co-chairs are: Emmanuel, Silvio and Mikolaj.
This group will start as a sub group of JEG.**
* Dave Hands proposed a VideoConferencing (VC) Project. . This area was somewhat looked at in the past by VQEG, however given the explosive use of VC (e.g. Skype) it needs to be updated and improved.
**Decision: It was agreed to start this project and the following parties volunteered: FT, Droplet, NTIA, DT, FT, Acreo, Yonsei.
Dave Hands agreed to be a co-chair.
This group will start as a sub group of JEG.**

JEG Hybrid

* Marcus, Lucjan and Nicolas presented their Evaluation Project Plan. Marcus talked about their idea about having quality “indicators” (e.g. blockiness). The main resolution focus will be on HD and VGA/WVGA for multimedia and mobile applications. Marcus reviewed the entire project plan. This was a working meeting and based on the discussion, Marcus updated the plan.
* Vladimir presented a talk on “Feature-cluster VQA Framework”
* Pierre presented the video library (from DT and NTT). Pierre will confirm if the video sequences are available for VQEG usage.
* Patrik presented his videos that are available for VQEG usage.
* Arthur recommended that this effort be disseminated to various groups (e.g. IEEE) via the liaisons. Marcus agreed to prepare a paragraph for the liaison letters.
* Marcus requested volunteers to help with this effort.