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| **Date: December 16, 2011** |  |  |  |
| **Source: VQEG** |  |
| **Title: Liaison on Progress of 3DTV Quality Assessment Work in VQEG** |  |
| **LIAISON STATEMENT** |
| **For action to:** |  |
| **For comment to:** |  |
| **For information to:** | ITU-T SGs 9, 12, and 16; ISO/IEC JTC1/SC29/WG11 (MPEG), IEEE P.3333, 3D@Home ST5 |
| **Approval: VQEG** |  |
| **Deadline: None.** |  |
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The Video Quality Experts Group 3DTV would like to inform you of our current work on 3DTV Quality Assessment. VQEG has started a project that aims at evaluating the Perceptual Quality of 3D sequences using a preference scale. The subjective assessment methodology was decided to be Paired Comparison (PC) as it is believed that subjects are able to confidently provide a judgment of preference using their own individual internal judgment scales to provide this judgment. This experiment is meant to form a ground truth for a particular dataset that will be freely available. After this ground truth has been established, other testing methodologies can be compared to it, including but not limited to the testing of the established 2D testing methods applied to various scales such as video quality, depth quality, visual comfort, naturalness.

We would also like to inform you that we have available (3D stereoscopic full HD per view) source sequences provided by IRCCyN (<http://www.irccyn.ec-nantes.fr/spip.php?rubrique24&lang=en> ) that are royalty free for non-commercial use. We request that if possible the processed sequences that are produced be sent back to VQEG for use to create a larger processed database. The effort to get sequences which can be leveraged for testing has been an important goal since we started and we welcome any and all material that collaborators can provide.

If you would like access to our content please contact one of the 3DTV chairs (see <http://www.its.bldrdoc.gov/vqeg/projects/3dtv/> ).

We look forward to continued collaboration in the area of 3DTV quality assessment.