**INTERNATIONAL ORGANISATION FOR STANDARDISATION**

**ORGANISATION INTERNATIONALE DE NORMALISATION**

**ISO/IEC JTC1/SC29/WG11**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC1/SC29/WG11 MPEG2011/M** **21544**

**November 2011, Geneva, Switzerland**

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| **Source:** | USNB |
| **Title** | HEVC issues |
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1. The USNB requests HEVC-based stereoscopic view scalability should be included in the first phase of HEVC scalability extension development. This work should take into account the relevant responses to the 3DV CfP and should be conducted by JCT-VC.
2. Regarding the timeline for general HEVC scalability extension, the USNB suggests issuing a preliminary CfP in May 2012, and a final CfP in July 2012, with submissions prior to the October 2012 meeting of WG11.
3. The USNB requests that the scope of the CfP on HEVC scalability extension includes HEVC enhancement with an AVC base layer.
4. The USNB requests that the HEVC design be studied to determine whether there is adequate justification for retaining multiple entropy coding methods. Absent such justification, only one entropy coding method should be included in HEVC at the CD stage.
5. The USNB welcomes the plan to conduct a subjective test of HEVC relative to AVC High profile to assess their relative coding performance. We suggest that the RA-HE and LB-HE configurations of HEVC be used for this test, configured for 8 bit-per-sample decoding precision. We suggest that if scheduling constraints require it, HM 4 rather than HM 5 be used for this testing.