

ISOG Request for Comments on Types of MPEG-4 HD Codec Interoperability Tests To Be Performed in Second Round of Tests

From: tgibbon@thomasgibbonlaw.com

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To: John.Ball@Turner.com; mike.dehart@turner.com; clyde.d.smith@turner.com;
glenn.reitmeier@nbcuni.com; john.lee@radio-canada.ca; anthony_caruso@cbc.ca;
debellemaniere@eurovision.net; vermaele@ebu.ch; kouadio@ebu.ch; Hiroyuki Nasu; Kunio
Taniai; richard.friedel@fox.com; andrew.setos@fox.com; paul.cohen@fox.com;
dachilson@cbs.com; rjross@cbs.com; jpicker@tvazteca.com.mx; rgomez@tvazteca.com.mx;
jlramos@televisa.com.mx; tgibbon@thomasgibbonlaw.com

Cc: Tauber, Dick; Anh Ngo; John Harding; Birchmore, Jon J.; Bigras, Andre

Subject: WBU-ISOG Request for Comments on Types of MPEG-4 HD Codec Interoperability Tests To Be Performed in Second Round of Tests

Attachments: 102-ISOG-Telesat-2009TestParameters.doc

Dear ISOG Broadcaster,

We are in the process of organizing and scheduling the second round of MPEG 4 HD Codec Interoperability Tests for Contribution Video. Telesat has graciously agreed to continue as Test Contractor, with tests to be performed at its headquarters in Ottawa, probably in the spring of 2011. Currently, we have positive responses from the following vendors:

Ateme

Evertz

IDC

NTT

Ericsson

Thomson

We have interested responses from:

Harmonic

Adtec

The purpose of this e mail is to solicit your suggestions concerning any possible revisions to the interoperability tests that will be performed. For your convenience, enclosed is a document showing the Transport Streams (TSS) that we required for the last round of tests. Also enclosed is a summary of the test procedures that were used.

Some vendors have made suggestions for revised tests:

Evertz: Wants 420 8 bit tests, 422 8 bits and 10 bits tests.

Ateme: Wants 422 8 bits and 10 bits tests. Want Dolby E pass through with different resolutions (16,10 and 24 bits)

Adtec: wants 16 channels of phase aligned MPEG audio tests

Please review the existing TSs and the suggestions of the vendors and provide suggestions for additional tests or deletion of existing tests as unnecessary. In particular, please look at the video rates and the audio to be tested. Also, please comment on whether the video rates should be VBR or FBR, as some vendors believe that VBR is more appropriate for MPEG-4.

For your comments to be considered, we need a response no later than Nov. 5, 2010.

Finally, if there is a particular vendor that you would like to see participate in the tests and they are not listed above, please contact them and urge them to join the tests.

we look forward to your comments.

Best regards,

Tom Gibbon

Chair, WBU ISOG MPEG-4 Interoperability Project

Thomas Gibbon

Law Office of Thomas Gibbon PLLC

1000 Potomac Street, N.W., Suite 500

Washington, D.C. 20007

Direct 202-965-3801

Email tgibbon@thomasgibbonlaw.com