

## TEST PLAN REVISIONS – 2<sup>ND</sup> ROUND

### 1. Subjective/Objective Audio Tests.

All codec pairs were tested subjectively at 4 CH MPEG 2. Codec pairs that failed 2 CH PCM in the first round were tested subjectively at 2 CH PCM. Codec pairs that failed Dolby E in the first round were tested objectively using Dolby equipment.

### 2. Lip Synch Tests.

All codec pairs were tested for short-term lip sync using the Vistek “Valid” measuring equipment. Tests were performed at 4 CH MPEG, 2 CH PCM and Dolby E. Because of some anomalous results, all codec pairs were retested for short-term lip sync later in the week at 4 CH MPEG and Dolby E. In the retests, the signal was briefly interrupted and a second measurement taken after the interruption. All decoders were tested for long term lip sync against the Tandberg, Tiernan and NTT Electronics encoders.

### 3. Latency.

All codec pairs were tested for latency.

### 4. Encryption.

Only 2 encoders supported BISS, and one of them had a faulty BISS card. Accordingly, the encryption tests were from one encoder to two decoders.

### 5. Satellite.

All codec pairs were tested subjectively for video and audio over satellite, using Newtec modulators. The satellite signal was interrupted, after which a second subjective evaluation was made.

### 6. Video tests at 720p/50.

Testing at 720p/50 could not be part of the formal tests because the criteria set forth in the WBU-ISOG Test Parameters were not satisfied. All participants agreed to go forward with informal tests. The tests were limited as the codecs of only two manufacturers supported 720p/50.