

Report of G-2.1.6 Meeting of August 4th, 1997, Kansas City

21 Present

Admin. & Policy Matters

Joint Mtgs with T1A1.5

IEEE 2.1 discussed and voted to remain separate. Thought there were more disadvantages than advantages. Opinion from IEEE Hdqtrs, prefer separate mtgs. Discussed in G-2.1.6 meeting and voted to stay with same arrangement and review in 1 year.

Decision-Making Protocol

Face-to-Face Meetings, Telephone Conferences, E-Mail Reflectors. General discussion on where decisions should be made now that new methods of communication are becoming more commonly used. Reported that New York State law states that decisions made by E-Mail are illegal (IEEE is registered in NY). General opinion to have discussions by E-Mail and make decisions at Face-to-Face meetings.

Target Timetable - presentation by Alan Godber

Alan Godber had sent out requests to 20 persons requesting an answer to 4 questions related to the time when 525I and 1080I/750P compression measurement equipment would be desired and essential. Had replies from 6 Broadcasters and 2 Manufacturers who generally wanted the equipment now or by the end of 1998. Two were not convinced that adequate equipment could be developed. A Task Force to develop a target timetable further was established. Leon Stanger - Chair. Six members signed up to participate in the Task Force.

Functions in Standard - Leon Stanger

Raised the issue of what to put in the Standard, defining functions, algorithms, etc. Proposed the use of Reference tapes showing quality degradations calibrated at various levels.

Contribution re Subjective and Objective Tests - David Fibush

Dave Fibush - A number of items for consideration by IEEE and ITU JRG in reply to questions from Arthur Webster. Discussion on HRC's (Hypothetical Reference Circuits - End-to-End Systems). Discussion on a source with added noise.

Test Scenes - CCIR - David Fibush

Dave Fibush - Likely to be used internally to test Sarnoff/Tektronix Measurement System. Arthur Webster observed that some of the CCIR scenes were boring.

Sarnoff Presentation on JND Vision Model - Dr. Jeff Lubin

15 Minute Presentation made of techniques used in their measurement method, and questions were asked by attendees.

Task Force, Info Gathering - Bill Zou

Agreed to gather information from additional developers of compression measurement systems. Zou suggested inviting them to offer systems to be tested by IEEE.

Task Force, Test Image Materials - Fibush

Liaison letter from SMPTE to G-2.1.6 requesting agreement that SMPTE should handle distribution of image tapes used in Standard. Agreed to discuss with G-2.1 committee and IEEE Hdqtrs and probably will be satisfactory as there is precedence.

Alan Godber had meeting with ATTC in June and agreement was reached in late July that ATTC would make available ACATS Test Images to the IEEE. Could also provide viewing of images, at ATTC. Are interested in being a test location and may be able to provide some seed funding for the testing.

Walt Husak, ATTC, introduced. Described facilities and elaborated on possible contribution. Task Force meeting was tentatively set for Monday, September 22nd, in Alexandria, VA just before the IEEE Broadcast Symposium, 24th-26th September.

Alan Godber introduced the Test Image Attributes list which was used by ACATS. Will be provided to the Task Force and used as a beginning for the discussion on this topic.

Task Force, Scope - Stanger

Finalized Version 1 of the Scope at the meeting and agreed to send it to the ITU, Joint Rapporteurs Group as an IEEE input, from the Chair of the Task Force.

Further discussion of updates to the Scope.

Task Force, Constraints - Items Not to be included as part of Image Quality Measurement -

Chair, Bill Meeker. Bill Meeker was not present, and Alan Godber and Al Morton handed out summary of discussions which had occurred by E-Mail reflector. Alan Godber described contributions by Dave Fibush comments by Meeker and Zou, and Al Morton described his input.

Discussion about inclusion of exclusion of analog paths in system to be measured. Was agreed to include analog paths.

Was agreed that further discussion would occur by E-Mail reflector and in parallel Fibush and Morton would submit their input to ITU, Joint Rapporteurs Group.

Agenda Item - Discussion of Where Measurements Would be Made in Broadcast Chain

Item was postponed for lack of time.

Discussion of upcoming ITU Joint Rapporteurs Group meeting

in Turin, Italy, October 14th - 15th, Discussion by Arthur Webster. 3-4 present planned to attend.

Meeting was adjourned, approx. 5:40PM.