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October 10, 2001

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
Room TW-A325
445 12th Street, S.W.
Washington, DC 20554

Re: Permitted *Ex Parte* Conversations: PP Docket No. 00-67 (Compatibility Between Cable Systems and Consumer Electronics Equipment)

Dear Secretary Salas:

Pursuant to Section 1.1206 of the Commission's Rules, 47 C.F.R. § 1.1206, notice is hereby electronically submitted to PP Docket No. 00-67 regarding an *ex parte* presentation by representatives of the Consumer Electronics Association ("CEA").

On October 4, 2001 Ralph Justus, Vice President, Technology & Standards of CEA and Bernie Lechner, consultant to CEA, met with William Johnson, Deputy Chief, Cable Services Bureau; John Wong, Chief, Engineering and Technical Services Division, Cable Service Bureau; and Michael Lance, Deputy Chief, Engineering and Technical Services Division, Cable Services Bureau; Steven Broeckaert, Deputy Chief, Consumer Protection and Competition Division, Cable Services Bureau; Rick Chessen, Associate Chief of the Mass Media Bureau; and Alan Stilwell of the Office of Engineering and Technology.

Participants discussed the technical elements of compatibility between cable and consumer electronics equipment, including the nature of and distinctions between specifications and standards. Participants also discussed the background and status of relevant CEA and Society of Cable Telecommunications Engineers ("SCTE") standards pertaining to cable and consumer electronics compatibility. Copies of two items handed out and discussed during the meeting are attached to this notice.

Thank you for your attention to this matter. Please contact me if you have any questions.

Sincerely,

/s/ David A. Nall
David Alan Nall

Attachments

cc: William Johnson, Deputy Chief, Cable Services Bureau
John Wong, Chief, Engineering and Technical Services Division, CSB
Michael Lance, Deputy Chief, Engineering and Technical Services Division, CSB
Steven Broeckaert, Deputy Chief, Consumer Protection and Competition Division, CSB
Rick Chessen, Associate Chief, Mass Media Bureau
Alan Stilwell, Office of Engineering and Technology

SCTE Standards Documents Relating To Cable-Ready Digital TV Receivers

Document Number	Title	Topic	Status	Comment
DVS-031r5	Digital Video Transmission Standard for Cable Television	QAM Specifications	Approved. Stable. ITU Standard.	O.K.
DVS-053r7	Standard for Carriage of NTSC VBI Data in Cable Digital Transport Streams	608-B Captions, etc.	Approved. Stable.	O.K.
DVS-157r1	SCTE Standard Methods for Carriage of Closed Captions and Non-Real Time Sampled Video	608-B captions, etc.	Approved. Stable.	O.K.
DVS-167r2	Digital Broadband Delivery System: Out-Of-Band Transport - Mode B	Scientific Atlanta OOB System	Approved. Stable.	O.K.
DVS-178r3	Digital Broadband Delivery System: Out-Of-Band Transport - Mode A	Motorola OOB System	Approved. Stable.	O.K.
DVS-194r3	Home Digital Network Interface Specification Proposal with Copy Protection	1394 with 5C	Revision being reballoted.	O.K.
DVS-208r8	Standard: Emergency Alert Message for Cable	Emergency Message Standard	Problem Identified. Needs to be revised.	O.K.
DVS-234r2	Service Information Delivered Out-Of-Band for Digital Cable Television	Defines cable OOB SI Profiles.	Approved. Stable.	Deprecates PSIP.
DVS-241r1	Digital Video Service Multiplex and Transport System for Cable Television	Transport standard. Defines in-band SI.	Being revised.	May be controver-sial.
DVS-258r3	Digital Video Systems Character-istics for Cable Television	Defines cable video formats.	Approved. Revision 4 not yet published.	O.K.

DVS-295r3	Host POD Interface	Defines physical interface and signaling protocols.	Being reballoted.	Does not support IPPV, VOD, etc.
DVS-301r2	POD Copy Protection System	Defines copy protection system protocols. References PHILA.	Approved. Being reviewed by RTF and Engineering Committee.	Controversial due to PHILA license terms. Also may be easy to defeat.
DVS-313r5	Digital Cable Network Interface Standard	Defines the network interface. References many other standards.	Approved. Stable.	O.K.

September 10, 2001
B.J. Lechner

Designation	Title	Pub Date	Revisions
EIA-818	Cable Compatibility Requirements	January 2000	Original publication.
EIA/CEA-818-A	Cable Compatibility Requirements	December 2001	ATSC A/53 (DTV Standard) amended 3/16/2000. ATSC A/65 (PSIP for Terrestrial Bcast & Cable) amended 12/99 with Corregenda & amendment. SCTE DVS 167r1 (Digital Brodaband Delivery System) became DVS167r2 (3/10/2000). SCTE DVS 178r1 (Dibital Broadband Delivery System: Out of Band Transport) became DVS 178r3 (2/25/2000). SCTE DVS 234r1 (SI Carried Out of Band) became DVS234r2 (3/28/2000). Sec. 4.1.3 Digital signal power is measured as the <u>average</u> (not RMS) signal power. Sec. 4.1.6 Adjacent Channel Reqs. Included examples of D/U ratio derivation & use. Sec. 4.2 Frequency plan. Deleted reference to upstream direction subsplit. Sec. 5.3 Digital Closed Captions. Inserted reference to EIA-708-B & EIA/CEA-608B, as well as ATSC A/53, as well as DVS 157r1, following FCC rulemaking. Sec. 7.1 System Information Delivered In-Band (ref to In the Clear deleted). Included statement that “SSI may also describe scrambled programming (deleted ref to in the clear). Sec. 7.2 System Information Delivered Out-of-Band. Inserted “If Event Information is included, profile 4 or higher shall be used.” Sec. 7.4 Channel Number. Inserted “For a given service, the channel number identified with out-of-band system information should match the channel number identified with the corresponding in-band PSIP data for all in-the-clear services.”
EIA/CEA-818-B	Cable Compatibility Requirements	April 2001	ATSC A/65-A (PSIP) incorporated A/66 & A/67 SCTE DVS 131r7 & DVS 216 r3 (MPEG Sections in POD API) removed (incorporated in other DVS documents) with replacement reference to SCTE DVS 295r3 (Proposed HOST-POD Interface) added (1/23/2001) Removed reference to DVS 217r2, DVS 222, DVS 223, DVS 266, DVS 267r1, DVS 312, since all are incorporated in DVS 295r3. Table 1. For microreflections bound for dominant echo, removed reference to Echoes”. Inserted note “Thus, -30 dB was chosen as a limit because it is measurable, but it is expected that actual values will typically be much lower.” Section 4.3, inserted reference from EIA-23 Section 2.1, concerning “for the frequency range of 70 to 130 MHz for forward data channel receivers, the spurious signal level shall not exceed –26 dBmV.” Section 4.4.2, Digital Channels, revised reference from 52.75 MHz to 54 MHz. Section 5.3, Digital Video Format, inserted reference to definition of low_delay flag in ISO/IEC 13818-2. Section 9.4, Application Resources, inserted reference to Man-Machine Interface as supported resource.

Draft EIA/CEA-818-C	Cable Compatibility Requirements	Vote to adopt scheduled Nov 9 2001	EIA-542-A reference inserted (update to EIA-542). SCTE DVS 295r4 (HOST-POD INterface) (6/30/2001) reference updated. Table 1. Deleted reference to RF Signal Purity. Inserted reference to Carrier-to-Noise ratio, C/(N+I) in a 6-MHz band), and note regarding C/(N+I). Deleted reference to ongoing studies. Table 3. Deleted reference to Grade A and Grade B (while retaining two parameters) in DVS 167r2. Section 9, POD Module. Deleted “It should be noted that additional requir3ments are needed to support the POD interface.”
EIA/CEA-819	Cable Compatibility Requirements for Two-Way Digital Cable TV Systems	December 2000	Original Publication. R8 authorized update. Awaiting initiation.