

COMMITTEE T1  
CONTRIBUTION

92-  
Document number: T1A1.5/ 195

Standards Project:	Video teleconferencing/video telephony
Title:	Choice of time codes for subjective test scenes
Issue addressed:	Objective and subjective video performance testing
Source	Tektronix, Doug Stevens
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Disclaimer:	



To: Dan Wirth (Bellcore) 25 November, 1992

From: Doug Stevens

Subject: T1A1.5 -- choice of time code for subjective test scenes

Here is the list of test scenes for use during our conference call on 3 Dec 92, and the proposed time code for each scene. The 12-second time code shown is the time suggested for start of playback through the reference channels. The viewers on the subjective panels would see material starting at the 9-second time code suggested.

Scene name	Description	Submitted by	12-second TC	9-second TC
vtc2mp	world map	NTIA	00:00:15.10	00:00:18.10
vtc2zm	world map w/ zoom	NTIA	00:00:34.29	00:00:37.29
washdc	Wash. DC w/ pencil	NTIA	00:01:34.25	00:01:37.25
3inrow	3 in a row	NTIA	00:02:21.04	00:02:24.04
boblec	Bob's lecture	NTIA	00:03:16.21	00:03:19.21
vtc1nw	news story	NTIA	00:04:15.08	00:04:18.08
5row1	5 in a row	NTIA	00:05:35.00	00:05:38.00
flogar	Flower garden	CBC/PBS	none	
ftball	football game	CBC/PBS	none	
susie	Susie on telephone	CBC/PBS	none	
disguy	intro - man at DIS	DIS	start of audio	
disgal	woman at DIS	DIS	any	
smity1	salesman	DIS	start of audio	
smity2	salesman part 2	DIS	00:10:09.14	(approx)
intros	TC introductions	DIS	00:11:30.23	(approx)
3tows	three groups of two	DIS	00:12:21.28	(approx)
2wbord	argument at white bd	DIS	00:12:41.09	(approx)
split6	split group of six	DIS	any	
circuit	circuitry	DIS	00:13:38.19	(approx)
roadmap	road map	DIS	00:14:24.05	(approx)
filter	elec. filter design	PictureTel	00:15:18.18	00:15:21.18
ysmite	Yosemite valley	PictureTel	00:15:44.01	00:15:47.01
vowels	class on vowels	PictureTel	00:16:11.03	00:16:14.03
inspec	inspection procedure	PictureTel	00:16:35.01	00:16:38.01
fredas	Fred Astaire	Ameritech	00:17:01.00	(approx)

I have translated the recommendations of those submitting the scene into the SMPTE time code that tags the scene on this tape. I've also assigned six-letter nomenclature to the new scenes from PictureTel and Ameritech. The time code correspondence between the submitted tapes and this tape are:

Scene name	Description	Submitted by	Submitted TC	Recorded TC
vtc2mp	world map	NTIA	00:01:00.00	00:00:15.00
vtc2zm	world map w/ zoom	NTIA		
washdc	Wash. DC w/ pencil	NTIA	00:02:00.00	00:01:15.02
3inrow	3 in a row	NTIA	00:03:00.00	00:02:15.04
boblec	Bob's lecture	NTIA	00:04:00.00	00:03:15.06
vtc1nw	news story	NTIA	00:05:00.00	00:04:15.08
5row1	5 in a row	NTIA	00:06:00.00	00:05:15.10
flogar	Flower garden	CBC/PBS	00:06:52.14	00:06:30.01
ftball	football game	CBC/PBS	00:13:03.06	00:07:00.03
susie	Susie on telephone	CBC/PBS	00:16:36.00	00:07:30.01
disguy	intro - man at DIS	DIS	00:17:45.22	00:08:00.14
disgal	woman at DIS	DIS	00:18:35.26	00:08:50.17
smity1	salesman	DIS	00:18:53.17	00:09:08.10
smity2	salesman part 2	DIS	00:19:41.21	00:09:56.14
intros	TC introductions	DIS	00:20:59.28	00:11:14.23
3tows	three groups of two	DIS	00:21:34.03	00:11:48.28
2wbord	argument at white bd	DIS	00:22:19.12	00:12:34.09
split6	split group of six	DIS	00:22:49.16	00:13:04.15
cirkit	circuitry	DIS	00:23:21.20	00:13:36.19
rodmap	road map	DIS	00:25:00.00	00:14:12.05
filter	elec. filter design	PictureTel	00:00:30.00	00:15:00.03
ysmite	Yosemite valley	PictureTel	00:01:34.00	00:15:30.01
vowels	class on vowels	PictureTel	00:02:08.00	00:16:00.03
inspec	inspection procedure	PictureTel	00:01:04.00	00:16:30.01
fredas	Fred Astaire	Ameritech	00:23:54.05	00:17:00.03

The T1 contribution was submitted on 1" tape. The signal was recorded onto Betacam-SP with time code.

The Ameritech contribution was submitted on VHS. The signal was run through a time base corrector, sync and burst were re-inserted, and it was recorded onto Betacam-SP with time code.

The CBC/PBS contribution was submitted on D2 tape. The signal was recorded onto Betacam-SP with time code (we are presently unable to do a D2-to-D2 dub).

The NTIA and PictureTel contributions were submitted on Betacam-SP tape with time code. These were dubbed directly.

A copy of this document will accompany each tape sent to the members of the ad hoc committee for selection of time codes. Those members are:

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