ORIGINAL

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ASSOCIATION FOR **MAXIMUM SERVICE TELEVISION, INC.**

MSTV

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RECEIVED

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

August 29, 2002

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
TW-B204
Washington, D.C. 20554

Ex parte Notification
CS Docket No. 98 -120
In re Carriage of Digital Television Broadcast Signals

Dear Ms. Dortch:

On Wednesday, August 28, I met with Susan Eid, legal advisor to FCC Chairman Michael Powell. We discussed issues related to MSTV's comments in the above reference proceeding, including the importance of PSIP. The attached documents were distributed during the meeting.

Sincerely,

David L. Donovan
President

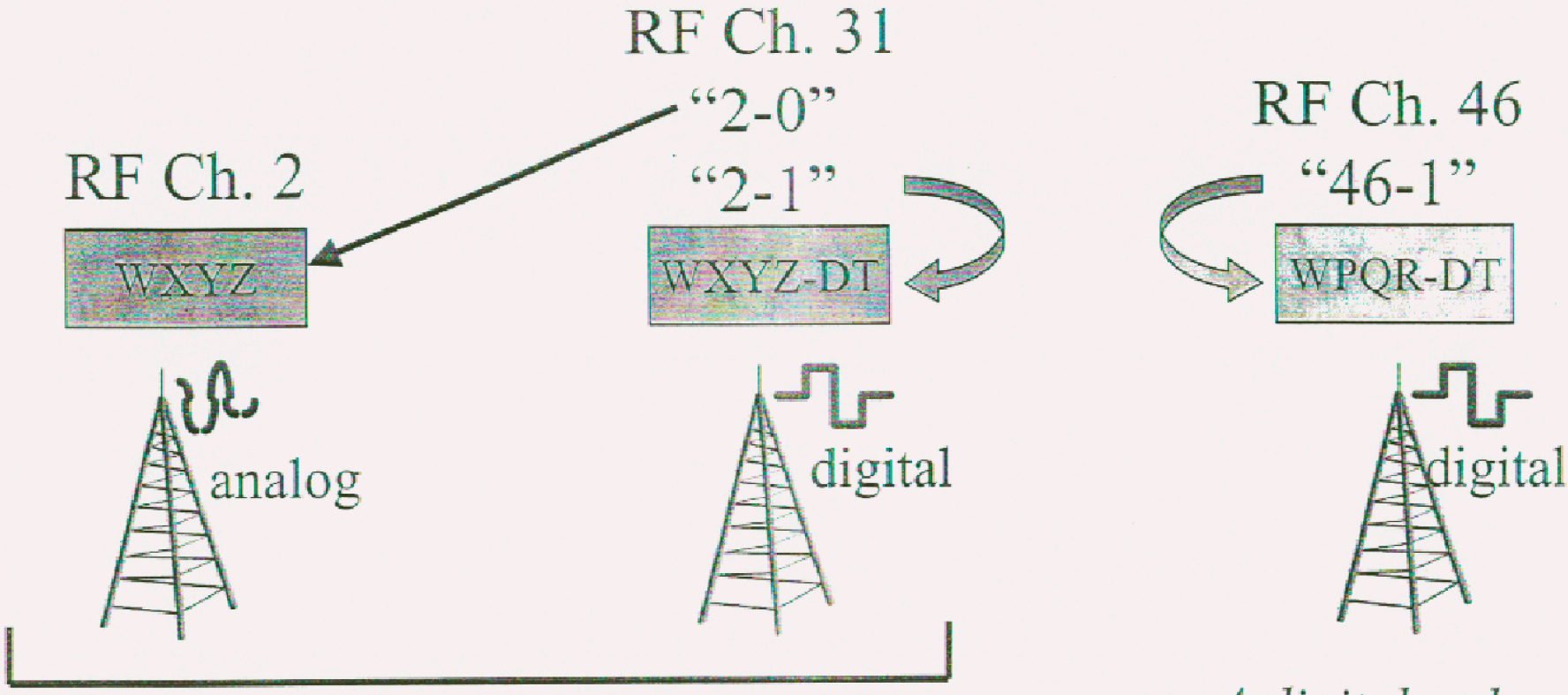
Enclosures

No. of Copies rec'd 0+5
List ABCDE

Program and System Info Protocol

- PSIP features:
  - allows navigation and access to each of the channels within the Transport Stream
  - preserves channel branding
  - program guide (from 12 hours to 16 days)
  - gives the user information for browsing and selection
  - key system info (e.g., carrier freqs and source ID's)
  - rating and content advisory info
- ATSC Receiver can scan active channels for PSIP and can build an integrated guide.

Major-Minor Channel Number Example



An existing analog broadcaster with a second digital channel. Branding is preserved. The DTV RF channel number is hidden from the viewer!

A digital-only broadcaster (no analog channel)

Program Guide Formation

STT

April 8, 2000		6:11 pm					
Chan	Name	6:00 pm	6:30 pm	7:00 pm	7:30 pm	8:00 pm	8:30 pm
12-0	NBZ	Local News		"Dino World"			
12-1	NBZ News & Movies	[Fanfare] Local News		"Dino World" (1997) Harrison Pontiac, Peg O'Ryan Dinosaurs eat Newark, NJ in this Francis Ford Spielberg oscar-winning film. PG-13 CC (Eng, Fr)			
12-2	NBZ-S	Soccer - World Cup Subscription Only				Golf	Table Tennis

VCT

ETT-V

EIT-0

Conditional Access

ETT-0

RRT & Content Advisory

Caption Service

PSIP Tables

Table	Description
STT	System Time Table - provides date and time
MGT	Master Guide Table - provides version, size and PID's of all other tables (except STT)
VCT	Virtual Channel Table - provides attributes for all virtual channels in this Transport Stream
RRT	Rating Region Table - provides rating information for multiple geographic regions
EIT	Event Information Table - provides information for events on the virtual channels
ETT	Extended Text Table - provides detailed descriptions of virtual channels and events

Channel TSID - What and Why?

- Channel TSID is a 16-bit number that stands for
  - Transport Stream ID (digital)
  - Transmission Signal ID (analog)
- The receiver may use the Channel TSID to verify that the Transport Stream acquired at the referenced carrier frequency is actually the desired multiplex.
- Can help resolve co-channel issues and instances where a DTV signal frequency is translated without modification of listed carrier frequency.