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March 26, 1998

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Magalie Roman Salas, Esq.  
Secretary  
Federal Communications Commission  
1919 M Street, NW  
Room 222  
Washington, DC 20554

Re: Summary of Oral Ex Parte Presentation Regarding the  
Navigational Devices Proceeding (CS Docket No. 97-80)

Dear Ms. Salas:

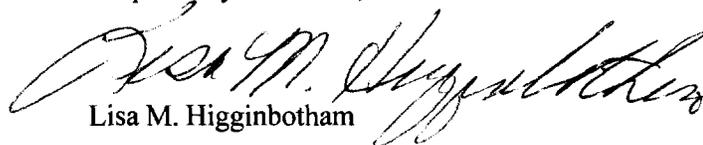
Pursuant to 47 C.F.R. § 1.1206(b)(2), this notice is to inform you that on Tuesday, March 24, 1998, Robert Russman, Vice President for New Business Development for StarSight Telecast, Inc. ("StarSight"), together with Michael D. Berg of this firm and the undersigned, met with William Johnson, Deputy Chief; Michael Lance, Senior Engineer; Thomas Horton, Attorney-Advisor; and Sunil Daluvoy, Attorney-Advisor, of the Cable Services Bureau.

The subject matter of this presentation focused on the issues and analysis contained in the Reply Comments filed by StarSight in this proceeding. As required by 47 C.F.R. § 1.1206(b)(2), we are submitting an original and one copy of this notice.

In addition, we note that the analysis in the StarSight Reply Comments is supported by, and necessary to one of the purposes of Section 629 as expressed in the legislative history which states that, "[o]ne purpose of this section is to help ensure that consumers are not forced to purchase or lease a specific, proprietary converter box, interactive device or other equipment from the cable system or network operator." S. Conf. Rep. No. 104-230, at 181 (1996).

Should you have any questions regarding this matter, please contact the undersigned.

Respectfully submitted,

  
Lisa M. Higginbotham

Enclosure

cc: William Johnson, Esq.  
Michael Lance  
Thomas Horan, Esq.  
Sunil Daluvoy, Esq.  
Robert Russman  
Michael D. Berg, Esq.

No. of Copies rec'd 0+1  
List ABCDE

StarSight®  
General  
Instrument  
Advanced  
log & digital  
top boxes



#### GUIDE CUSTOMIZATION

##### Customization of Your Guide:

- Service Provider logo appears on the program grid guide
- Headend control of customizable features
  - Browse and graze features
  - One-button VCR programming
  - Channel select/deselect
  - Channel reordering
  - IPPV purchasing from guide
  - Theme guide
  - Favorite channels feature

##### Other Customizable Features:

- 1-7 day guide
- Add or remove themes from theme guide
- PPV can be used in one way, two-way or systems with both running concurrently

#### PRODUCT ENHANCEMENTS

##### Capabilities:

- New features are downloadable to converters as StarSight Telecast upgrades its software application (no truckroll required)

##### Future Enhancements:

- Messaging on guide
- Interactive in-guide promotion
- Virtual channels (with StarSight NEWS Services)
- Add PPV movies as a theme

#### TECHNICAL REQUIREMENTS

##### Interactive Program Guide (IPG) Server:

- Facilitates the transmission of data to the set-top box
- Hardware specifications
  - Removable hard drive for easy upgrades
  - 28.8 baud modem
  - Folding drawer monitor and keyboard assembly
  - Rack mountable requiring 5 rack spaces
- Proprietary StarSight Data and Edit® Management server software
- Other pre-installed software
  - Windows '95
  - ProComm Plus
- Purchase price \$7,485.00
- StarSight Telecast and CI staff are on site to install and to train your staff

\*Future availability

General Instrument  
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StarSight application uses approximately 180K

#### CFT 2200 and DCT 1000 Converters:

- 512K DRAM
- 512K FLASH

#### Data Transmission:

- In-band transmission for analog CFT 2200
- Out-of-band transmission for digital DCT 1000
- Daily download of program schedules takes approximately 5 minutes from StarSight to the IPG server, another 5 minutes from the server to the converter (dependent on the number of channels)

#### SERVICE PROVIDER TOOLS

##### Custom Editing Capabilities:

- Line-up customization:
  - Shared channels
  - Multiple channel line-ups (The StarSight guide accurately reflects your system's unique programming packages)
- Program information customization. Choose between actual program titles or generic program titles for the following:
  - Local Origination
  - Adult channels
- Customize your Pay-Per-View information:
  - Edit PPV pricing

##### StarSight Training, Support and Marketing Assistance:

- Extensive training documentation provided
- StarSight personnel conduct system trainings
- StarSight provides a one page Quick Reference card for subscribers
- Comprehensive customer tutorial video usable on local origination channels for on-air promotion and education of your customers on the usage of StarSight



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### Program Grid Guide

MON	8:00PM	8:30PM
DISCJ	Wild Discovery	
SHOWJ	The American President	
REQ1	Bladerunner Driving Miss	
REQ2	Star Trek: The Voyage	
9	National Geographic	
CSP2J	U.S. Senate Coverage	
4	Friends	Single Guy
HBOEJ	Batman	
5	Monday Night Football	
44	Fresh Prince Blossom	
32	Avonlea	
NICKJ	Ren & Stimpy Mighty Morph	
SHOWTIME/CH 37	MAY 23 8:00P	

- Lists programs by channel
- Displays 2 half hours of information
- Tune to any current title at the touch of a button

### Theme Categories

SEARCH BY THEME	
Movies	
Specials/Mini Series	
Sports	
Children's Programming	
Health/Science/Education	
News/Talk/Magazine	
Entertainment/Variety	
Comedy	
Action/Thriller/Horror	

- Provides customers with an extensive list of over 100 search categories

### Theme Subcategories

PROGRAMS	
SORT BY: TIME FFAJ	
REQ1	2:00AM TBS Up Close & Per
REQ2	3:00AM TBS The Substitute
5	4:00AM TBS Top Gun
7	8:00PM SUN Bone With the
8:00PM SUN Annie O	
8:00PM SUN Hooplers	
8:00PM MON The American P	
ARC	8:30PM TBS Romeo & Juliet
REQ1	6:00PM WED The Search for
6	8:00PM WED Family Honor
32	10:00PM WED Uncle Tom's Ca
SHOWTIME/CH 37	MAY 23 8:00P

- Further specifies search; e.g. Sports to Football
- Subscriber sorts by time, channel, or alphabetically

### Grazing

GRAZING	
The American President 2 hours left	
A widowed President dates a beautiful Congressional lobbyist, to the dismay of his supporters. Michael Douglas, Annette Bening.	
*** (1995, PG-13) Movies: Drama	
SHOWTIME/CH 37	MAY 23 8:00P

- Pop-up program descriptions as subscriber changes channels

### Browsing

BROWSING	
Friends 13 minutes left	
Chandler baby-sits Ben (R).	
Comedy: Sitcom Stereo (CC)	
KRON-NBC/CH 4	MAY 23 8:17P

- Pop-up program descriptions for all other channels without leaving channel currently being watched

### Change Channel Order

CHANGE CHANNEL ORDER			
0	ARC	WVOR	BRAY
2	ARC	26	BET
4	REU	CSP2	HSC
5	CMN	CHAS	50
7	TNT	MAX	50
HBOE	NICK	CHRS	VISN
TBSJ	20	SHOW	VHJ
WVJ	22	DISN	PPV
VCZJ	USA	REQ2	MYOD
KQED-PBS/CH 9	MAY 23 8:17P		

- Subscriber can change order that the channels appear on guide

### One-button VCR Programming

VCR	
MON 8:00PM 8:30PM	
DISCJ	Wild Discovery
SHOWJ	The American President
The American President 8:00P-10:00P 2 hours left	
One Time	Press RECORD
Every M-F	again to confirm
Once a Week	recording
Use < to change end time	
SHOWTIME/CH 10	MAY 23 7:30P

- One-button VCR programming
- Current and future recording (once, daily, weekly), with recording log

### Favorite Channels

FAVORITE CHANNELS			
2	ARC	WVOR	BRAY
4	REU	26	BET
5	CMN	CSP2	HSC
7	TNT	MAX	50
HBOE	NICK	CHRS	VISN
9	TBS	TNN	HRO
VCZJ	20	SHOW	VHJ
VCZJ	22	DISN	PPV
32	USA	REQ2	MYOD
VCZJ	22	DISN	PPV
KRON-NBC/CH 4	MAY 23 8:17P		

- Subscriber can select favorites; pressing FAV button on remote grazes through them

### Impulse Pay-Per-View Purchasing

StarSight Presents:	
Driving Miss Daisy	
An elderly southern woman learns to respect her black valet. Morgan Freeman, Jessica Tandy	
***Drama. Adult Themes. 2 hrs.	
Show Starts:	8:30P
Ticket Price:	\$4.75
REQUEST/CH 2	MAY 23 8:17P

- Select program titles from guides and complete purchase
- Password protected purchases
- Log listing of purchased events

### Parental Control

LOCK BY RATING & CONTENT	
RATING	CONTENT
G	Profanity
PG	nudity
PG13	Violence
R	Adult Situations
NC17	Adult Themes
X	Adult Language
NR	

- Uses passwords to limit TV viewing by time, channel, rating and content, and purchase by cost

### Scheduled Auto Tune

SCHEDULED AUTO TUNE		
MON 8:00PM 8:30PM		
DISCJ	Nature's Way Around the W	
SHOWJ	Cost and Holly	
REQ1	Bladerunner Driving Miss	
REQ2	Star Trek: The Voyage Hom	
9	National Geographic	
CSP2J	U.S. Senate Coverage	
4	Friends	Single Guy
HBOEJ	Batman	
5	Monday Night Football	
44	Fresh Prince Blossom	
32	Avonlea	
NICKJ	Ren & Stimpy Mighty Morph	
SHOWTIME/CH 37	MAY 23 8:17P	

- Schedule TV to automatically tune to programs when they begin
- Top-level access to other features such as VCR Programming, Favorite Channel Set-up and Parental Control

