

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs
 asi-0
 asi-1

Server Outputs
 asi-0
 WUFT-DT/TV

WUFT-DT/TV

Bandwidth Monitor

WUFT-2
 WUFT-3
 Null
 WUFT-HD

Toggle Chart Type Reset Peak Values

Output Stream Properties

Transport Stream ID: 587
 PAT Interval: 95ms PMT Interval: 395ms PCR Interval: 95ms

WUFT-DT/TV			
Program	Bitrate	Source	Min Vid Rate
Total	19.390		
Null	0.396		
PSIP/SI	0.043		
WUFT-3	1.626	WUFT-3 : Prog...	1.000
WUFT-2	2.451	WUFT-1 : Prog...	2.000
WUFT-HD	14.789	WUFT-HD SWT...	11.000

Maximum Available Video Bandwidth
 17.2 Mb/s

Stat Mux Video Pool Available
 3.200 Mb/s

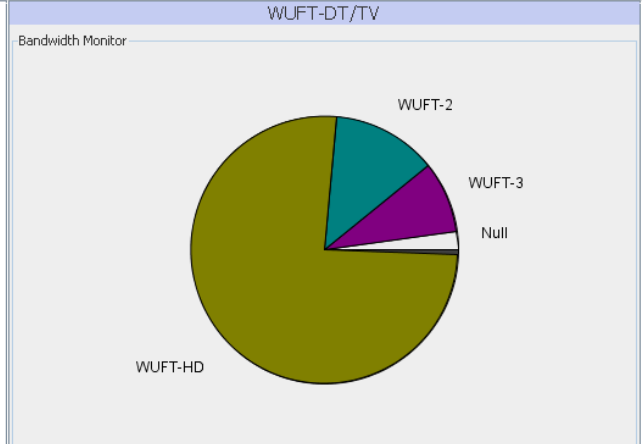
start Internet Explorer can... Harris - Server (192... Document1 - Microsof... 1:43 PM

Server Inputs

- asi-0
- asi-1

Server Outputs

- WUFT-DT/TV
 - WUFT-3
 - WUFT-2
 - WUFT-HD



Toggle Chart Type Reset Peak Values

Output Stream Properties

Transport Stream ID: 587

PAT Interval: 95ms PMT Interval: 395ms PCR Interval: 95ms

Program	Bitrate	Source	Min Vid Rate
Total	19.390		
Null	0.407		
PSIP/SI	0.042		
WUFT-3	1.646	WUFT-3 : Prog...	1.000
WUFT-2	2.457	WUFT-1 : Prog...	2.000
WUFT-HD	14.754	WUFT-HD SWT...	11.000

Maximum Available Video Bandwidth

17.2 Mb/s

Stat Mux Video Pool Available

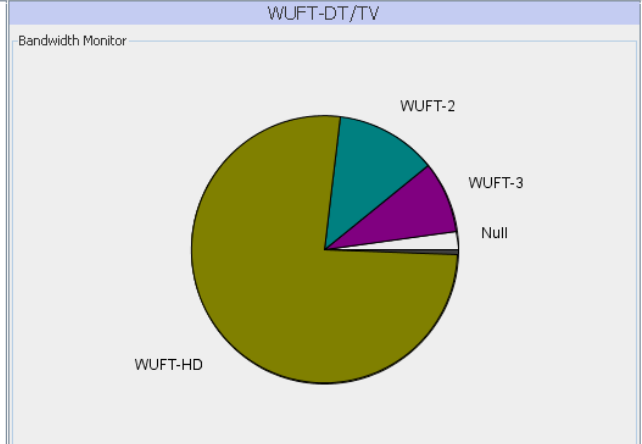
3.200 Mb/s

Server Inputs

- asi-0
- asi-1

Server Outputs

- asi-0
 - WUFT-DT/TV
 - WUFT-3
 - Program 3
 - PMT PID: 80
 - Video PID: 81
 - Audio PID: 84 (AC-3 Audio)
 - WUFT-2
 - Program 2
 - PMT PID: 64
 - Video PID: 65
 - Audio PID: 68 (AC-3 Audio)
 - WUFT-HD
 - Program 1
 - PMT PID: 48
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)



Output Stream Properties

Transport Stream ID: 587

PAT Interval: 95ms PMT Interval: 395ms PCR Interval: 95ms

WUFT-DT/TV			
Program	Bitrate	Source	Min Vid Rate
Total	19.390		
Null	0.404		
PSIP/SI	0.043		
WUFT-3	1.632	WUFT-3 : Prog...	1.000
WUFT-2	2.409	WUFT-1 : Prog...	2.000
WUFT-HD	14.814	WUFT-HD SWT...	11.000

Maximum Available Video Bandwidth

17.2 Mb/s

Stat Mux Video Pool Available

3.200 Mb/s

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1

Server Outputs

- WUFT-DT/TV
 - WUFT-3
 - Program 3
 - PMT PID: 80
 - Video PID: 81
 - Audio PID: 84 (AC-3 Audio)
 - WUFT-2
 - Program 2
 - PMT PID: 64
 - Video PID: 65
 - Audio PID: 68 (AC-3 Audio)
 - WUFT-HD
 - Program 1
 - PMT PID: 48
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)

Program Information

Program Description: WUFT-3 Port: WUFT-DT/TV

Registration Type: ATSC EAS: Enabled Video Type: SD

Program Number: 3 Min Video Bitrate: 1.0 Mb/s

Current Source: WUFT-3:Program 3 PMT:48

Cued Source: None

Active Pid Mapping:

Input	Output	Type
48	80	PMT
49	81	PCR
49	81	MPEG-2 Video

Program Playlist SCTE 35

Video Buffer Count: 256 Graphic Insertion: Enabled Hide Program: No

Pad to Input Size: Disabled Remove Stuffing: Enabled Rate Control: Enabled

Max Video Frame Size: 256000

Logo 1 Logo 2

Logo 1

Format	File	Duration	Loop
640x480	WORLD-WUFT I...	Static	
704x480			
720x480			
1280x720			
1920x1080			

Origin: Btm/Rt Fade In (ms): Opacity (%):

Row Offset (%): Fade Out (ms): Slew Rate (ms):

Col Offset (%):

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1

Server Outputs

- WUFT-DT/TV
 - WUFT-3
 - Program 3
 - PMT PID: 80
 - Video PID: 81
 - Audio PID: 84 (AC-3 Audio)
 - WUFT-2
 - Program 2
 - PMT PID: 64
 - Video PID: 65
 - Audio PID: 68 (AC-3 Audio)
 - WUFT-HD
 - Program 1
 - PMT PID: 48
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)

Program Information

Program Description: WUFT-2 Port: WUFT-DT/TV

Registration Type: ATSC EAS: Enabled Video Type: SD

Program Number: 2 Min Video Bitrate: 2.0 Mb/s

Current Source: WUFT-1:Program 2 PMT:32

Cued Source: None

Active Pid Mapping:

Input	Output	Type
32	64	PMT
8190	65	PCR
49	65	MPEG-2 Video

Click to hide Advanced Settings

Program Playlist SCTE 35

Video Buffer Count: 256 Graphic Insertion: Enabled Hide Program: No

Pad to Input Size: Disabled Remove Stuffing: Enabled Rate Control: Enabled

Max Video Frame Size: 256000

Logo 1 Logo 2

Logo 1

Format	File	Duration	Loop
640x480			
704x480			
720x480			
1280x720			
1920x1080			

Origin: Fade In (ms): Opacity (%):

Row Offset (%): Fade Out (ms): Slew Rate (ms):

Col Offset (%):

start Internet Explorer can... Harris - Server (192... Document1 - Microsof... 1:45 PM

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1

Server Outputs

- WUFT-DT/TV
 - WUFT-3
 - Program 3
 - PMT PID: 80
 - Video PID: 81
 - Audio PID: 84 (AC-3 Audio)
 - WUFT-2
 - Program 2
 - PMT PID: 64
 - Video PID: 65
 - Audio PID: 68 (AC-3 Audio)
 - WUFT-HD
 - Program 1
 - PMT PID: 48
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)

Program Information

Program Description: WUFT-HD Port: WUFT-DT/TV

Registration Type: ATSC EAS: Enabled Video Type: HD/SD

Program Number: 1 Min Video Bitrate: 11.0 Mb/s

Current Source: WUFT-HD SWT:Program 2 PMT:32

Cued Source: None

Active Pid Mapping:

Input	Output	Type
32	48	PMT
49	49	PCR
49	49	MPEG-2 Video

[\[-\] Click to hide Advanced Settings](#)

Program Playlist SCTE 35

Video Buffer Count: 256 Graphic Insertion: Enabled Hide Program: No

Pad to Input Size: Disabled Remove Stuffing: Enabled Rate Control: Enabled

Max Video Frame Size: 1048576

Logo 1 Logo 2

Logo 1

Format	File	Duration	Loop
640x480			
704x480			
720x480			
1280x720			
1920x1080			

Origin: Fade In (ms): Opacity (%):

Row Offset (%): Fade Out (ms): Slew Rate (ms):

Col Offset (%):

start Internet Explorer can... Harris - Server (192... Document1 - Microsof... 1:45 PM

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1
- WUFT-1
- WUFT-3
- GuideBuilder
- WUFT-HD SWT

Server Outputs

- asi-0
 - WUFT-DT/TV
 - WUFT-3
 - WUFT-2
 - WUFT-HD

WUFT-DT/TV

Bandwidth Monitor

Output Stream Properties

Transport Stream ID: 587

PAT Interval: 95ms PMT Interval: 395ms PCR Interval: 95ms

WUFT-DT/TV			
Program	Bitrate	Source	Min Vid Rate
Total	19.390		
Null	0.410		
PSIP/SI	0.043		
WUFT-3	1.657	WUFT-3 : Prog...	1.000
WUFT-2	2.477	WUFT-1 : Prog...	2.000
WUFT-HD	14.710	WUFT-HD SWT...	11.000

Maximum Available Video Bandwidth

17.2 Mb/s

Stat Mux Video Pool Available

3.200 Mb/s

Server Inputs

- asi-0
- asi-1
 - WUFT-1
 - Program 2
 - PMT PID: 32
 - PCR PID: 8190
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)
 - WUFT-3
 - GuideBuilder
 - WUFT-HD SWT

Server Outputs

- asi-0
 - WUFT-DT/TV
 - WUFT-3
 - WUFT-2
 - WUFT-HD

WUFT-1

Bandwidth Monitor

Null Program 2

-WUFT-1		Program 2			
Program	Bitrate	Service	PID	Type	Bitrate
Total	19.392	PMT	32		
Null	16.851	Video	49	MPEG-2 Video	2.043
PSIP/SI	0.058	Audio	52	AC-3 Audio	0.395
Program 2	2.443				

Document1 - Microsoft Word

Server Inputs

- asi-0
- asi-1
 - WUFT-1
 - WUFT-3
 - Program 3
 - 110010 PMT PID: 48
 - 000200 PCR PID: 49
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)
 - Audio PID: 53 (AC-3 Audio)
 - GuideBuilder
 - WUFT-HD SWT

Server Outputs

- asi-0
 - WUFT-DT/TV
 - WUFT-3
 - WUFT-2
 - WUFT-HD

WUFT-3

Bandwidth Monitor

Null Program 3

-WUFT-3	
Program	Bitrate
Total	19.392
Null	16.967
PSIP/SI	0.058
Program 3	2.367

Program 3			
Service	PID	Type	Bitrate
PMT	48		
Video	49	MPEG-2 Video	1.576
Audio	52	AC-3 Audio	0.393
Audio	53	AC-3 Audio	0.393

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1
 - WUFT-1
 - WUFT-3
 - GuideBuilder
 - WUFT-HD SWT

Server Outputs

- asi-0
 - WUFT-DT/TV
 - WUFT-3
 - WUFT-2
 - WUFT-HD

GuideBuilder

Bandwidth Monitor

Null PSIP/SI

Toggle Chart Type Reset Peak Values

Program	Bitrate
Total	1.000
Null	0.881
PSIP/SI	0.159

start Internet Explorer can... Harris - Server (192.... Document1 - Microsof... 1:47 PM

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1
 - WUFT-1
 - WUFT-3
 - GuideBuilder
 - WUFT-HD SWT
 - Program 2
 - PMT PID: 32
 - PCR PID: 49
 - Video PID: 49
 - Audio PID: 52 (AC-3 Audio)

Server Outputs

- asi-0
 - WUFT-DT/TV
 - WUFT-3
 - WUFT-2
 - WUFT-HD

WUFT-HD SWT

Bandwidth Monitor

Program 2

Null

Toggle Chart Type Reset Peak Values

WUFT-HD SWT		Program 2			
Program	Bitrate	Service	PID	Type	Bitrate
Total	19.422	PMT	32		
Null	0.615	Video	49	MPEG-2 Video	18.352
PSIP/SI	0.057	Audio	52	AC-3 Audio	0.394
Program 2	18.750				

start Internet Explorer can... Harris - Server (192... Document1 - Microsof... 1:47 PM

EAS Configuration

Replacement Audio Source

Input: Audio PID:

Serial Port

Serial Port: EAS Protocol:

GPI Input

GPI:

Apply Cancel

Ready

eBox Configuration



eBox Configuration

Configure and view the status of the eBox

eBox Status

Current eBox: Ebox EAS (192.168.2.50:23)

Status: Connected

The server is connected to the eBox and is operating normally.

Settings

Description:

IP Address:

Port:

Save

Revert

Destroy

Close

Ready

Harris - Server (192.168.2.20:49227) - DTP-220-GFX - Logged in as admin

File Configuration Administrator Help

Server Inputs

- asi-0
- asi-1
 - WUFT-1
 - WUFT-3
 - GuideBuilder
 - WUFT-HD SWT

Server Outputs

- asi-0
 - Change Description
 - Add Program
 - Stream Settings
 - ASI Settings
 - Configure PSIP
 - Remove Output

WUFT-DT/TV

Bandwidth Monitor

WUFT-2

WUFT-3

Null

WUFT-HD

Toggle Chart Type Reset Peak Values

Output Stream Properties

Transport Stream ID: 587

PAT Interval: 95ms PMT Interval: 395ms PCR Interval: 95ms

Program	Bitrate	Source	Min Vid Rate
Total	19.390		
Null	0.406		
PSIP/SI	0.043		
WUFT-3	1.645	WUFT-3 : Prog...	1.000
WUFT-2	2.457	WUFT-1 : Prog...	2.000
WUFT-HD	14.750	WUFT-HD SWT...	11.000

Maximum Available Video Bandwidth: 17.2 Mb/s

Stat Mux Video Pool Available: 3.200 Mb/s

start Internet Explorer can... Harris - Server (192... ScrnShots2009Feb06... 1:56 PM

PSIP Configuration

Input Source Misc Settings Gap EIT / ETT Timing Base Table Timing Snapshot

Set PSIP Input Mode

None

Dynamic GuideBuilder

Static Select a filename

Apply

Close Set PSIP Defaults Enable PSIP Output

Ready

Harris JRCS - Not Connected

Harris Connection Manager

Host:

Port:

Username:

Password:

Ready

start Internet Explorer can... Harris JRCS - Not Co... 1:59 PM



Service Name: WUFT HD 5.1 | Status | Device Info | Support | Engineering | Configure | Stored Configs | Save/Load | Help | Updated: 6 Feb 2009, 14:11

Packet Length: 188 Bytes
 Mux Bit-Rate: 19.392658 Mbit/s
 Video Source: HD-SDI
 Format: 1080i/29.97
 Video: 17.911 Mbit/s
 Audio A: SDI Embedded 1, 384 kbit/s
 Audio B: Off

Current Status
 Shows all current active alarms

Path: / Current Status

On-Line
 Output: **On Air**
 Scrambling: **Clear**
 Error Status: **No Errors**



Service Name: WUFT HD 5.1
 Packet Length: 188 Bytes
 Mux Bit-Rate: 19.392658 Mbit/s
 Video Source: HD-SDI
 Format: 1080i/29.97
 Video: 17.911 Mbit/s
 Audio A: SDI Embedded 1, 384 kbit/s
 Audio B: Off

On Air **Clear**
No Errors

Current Error Status

Time	Severity	Name	Source	Slot	Port	AlarmId
No Errors						

TANDBERG television E5780

Part of the Ericsson Group High Definition Encoder



Service Name: WUFT HD 5.1 | Status | Device Info | Support | Engineering | **Configure** | Stored Configs | Save/Load | Help | Updated: 6 Feb 2009, 14:12

Packet Length: 188 Bytes **VBI/Userdata**

Mux Bit-Rate: 19.392658 Mbit/s
 Video Source: HD-SDI
 Format: 1080i/29.97
 Video: 17.911 Mbit/s
 Audio A: SDI Embedded 1, 384 kbit/s
 Audio B: Off

Controls the data types extracted from each VBI line, and how they are encoded in the Transport Stream.

Path: / Configure / Video Menu / VBI/Userdata

VBI on PID	Off	VANC DID3	00 00h - FFh
VBI PID	277 0 (0000h) - 8190 (1FFEh)	VANC DID4	00 00h - FFh
SDI/VANC on PES	Off	VANC DID5	00 00h - FFh
VANC Data Limit	104 100 kbit/s - 520 kbit/s	Closed Caption	On (HD-SDI/SMPTE 334M)
SDI/VANC PID	8144 8144 (1FD0h) - 8175 (1FEFh)	CC Format	ATSC
SDI/VANC Tag	196 0 - 255	CC Descriptor	Line 21 & Advanced
VANC DID1	00 00h - FFh	Time Code Source	Auto
VANC DID2	00 00h - FFh	Time Code in Userdata	Off
VBI Line 10	Off	VBI Line 272	Off
VBI Line 11	Off	VBI Line 273	Off
VBI Line 12	Off	VBI Line 274	Off
VBI Line 13	Off	VBI Line 275	Off
VBI Line 14	Off	VBI Line 276	Off
VBI Line 15	Off	VBI Line 277	Off