WMVS-DT / WMVT-DT Studio
Cband & Ku-Band Uplink Specifications

**C BAND Uplink System (RF)**
6.1Meter vertex Steerable Dish
MCL 750 Watt Ku-Band VPC System:
MCL VPC RF System (Single Thread Redundant or Dual Thread)
2 – MCL MT4000 750W TWT Amplifiers
2 – Miteq U-9853-6-1K C-Band Upconverters

**Ku BAND Uplink System (RF)**
6.1Meter vertex Steerable Dish
CPI 750 Watt Ku-Band VPC System:
CPI/MCL VPC RF System (Single Thread Redundant or Dual Thread)
2 - CPI 750W Touch Power TWT Amplifiers
2 – Geo Sync UTR-137148 Ku-Band Upconverters

**Digital Encoders / Analog Modulators**
2 - Ericsson Voyager II MPEG 2/4 Encoder HD & SD Digital Encoders 4:2:0 / 4:2:2 with BISS encryption Built in modulators to operate at QPSK / 8PSK / DVB-S2 modulation
1 - Tiernan HE4000 Dual HD & SD Digital MPEG 2 Encoders 4:2:0 / 4:2:2 with BISS encryption Built in modulators to operate at QPSK / 8PSK / DVB-S2 modulation
HD & SD multiplexing on a single transponder
2) Scientific Atlanta 7555B Analog Modulators

**Receivers**
1 – Sencore MRD3187B MPEG 2 & 4 HD & SD Digital Satellite Receivers with DVB-S2 & BISS
1 – Ericsson RX8200 MPEG 2 & 4 HD & SD Digital Satellite Receivers with DVB-S2 & BISS
1-Solomend HD-PVR800 Blind Scan Digital Satellite Receiver
Sencore IRD 3384 ATSC OTA Digital Receiver

**Test Equipment**
Leader 5700A HD/NTSC Scope,
Tampa Microwave Ku-Band to L-Band Loop Test Translator
2 - Avcom MSA-4570DE Satellite Spectrum Analyzer

**Video Switching/Routing**
GVG Kayak
GVG Trinx Router

**Cameras:**
4 - Sony HDCU 900 Camera Control Unit
3 – Sony HDC 900 Studio cameras with prompter
1 - Sony HDC-950 Portable Camera with either Canon 21 x 7.5 ENG Lens or
  Fujinon 10 x 5.2 ENG Lens, with Zoom and focus extension kit, Sachtler Handheld Tripod

**Video Conversion**
AJA FS2 HD Cross converter/Frame Sync

**Videotape/Server/Editing**
Sony HDW-2000 Multi-Format HD-Cam Recorder
Sony PMW-1000 XDCAM deck
Sony DVCAM DSR-2000
Panasonic DVCPRO HD AJ-1200A
Avid Media Composer
AJA-KiPro Rack
Omneon Server
WMVS-DT / WMVT-DT Studio
Cband & Ku-Band Uplink Specifications

Audio
Live Shot Audio
Mackie 1602

Studio Euphonix Max Air Digital Audio Console
- 24 Fader/Control strips
- 76 Processing channels
- 32 mic inputs
- 30 line inputs
- 16 Mix/Subgroup buses
- Mono, Stereo, LCRS, 5.1 & 7.1 Surround Outs
- 8 Group buses/Clean feed outputs
- 8 Auxiliary buses
- (1) Digicart E
- (1) CD player
- (1) Wavelab PC rec/player
- (4) Sony WRR-840 wireless Mic systems (Option)

Microphones and additional audio equipment are available on request.

Communications
RTS Adam Matrix system (48 Ports)
KP12’s for Director, Producer, Asst Director (12 channels)
(6) RTS Wired (model 325) Belt Packs
(2) Single channel wireless IFB w/ 2 receivers
(10) Beyer DT108 Single Muff Headsets
(4) Lightweight Single Muff Headsets

Wireless intercom w/ 4 beltpacks
8 Channel IFB System (Stereo Capable)
(10) Beyer DT109 Dual Muff Headsets

Video Monitoring
TVLogic 172W
Marshall Four 4” LCD Panel unit
Sony 14” Broadcast Monitor with HD-SDI and NTSC inputs.

Satellite Time Bookings Available

Contact Information:

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