PRODUCTION / SATELLITE TRUCK

This Full production satellite truck has worked with major TV networks and companies including NBC, CBS, CNN, FOX, Red Bull & Disneyland. Most recent Multi Camera Productions Show includes Chase Private Client livestreams, Live Nation Twitch Series, Consumer Reports, New York City Library, Independent Artist. Transmission jobs include: 12/8/22 NBC Sunday Night Football, 12/12/22 NBC Sunday Night Football & 1/27/23 Disneyland 100 year anniversary (6 video paths).

Vehicle Information:
2007 Freightliner M2 Business Class, Diesel Caterpillar C7 ACERT engine, Alison automatic transmission & air suspension. Truck is perfect for:

Mobile Control Room Operations
Live Streaming
KU Satellite Transmission TX & RX Backhauls
Internet via Starlink and Cellular

Customized by Harris Broadcast:
- 4 Hydraulic leveling jacks
- 20KW Power Tech diesel generator.
- 250' of shore cable with Camlock connectors
- 4 racks (4 across the back)
- 2.4m Vertex 4 port KU antenna (no restrictions)
- Starlink Internet
- Direct TV auto find antenna in RV dome
- 2 A/C units on the roof with heat strips.
- Air Brakes
- Vehicle weight is under 26,000 lbs so no commercial driver's license is needed.

Specs:

Seating Capacity 8-10
31' Length x 8' Wide
12'11" Clearance
Power Requirements 100A 220v Single Phase (2 hots, Ground)
250' Feeder on board
Isolation Power Transformer

Broadcast Equipment:

- For.A HVS 390 Switcher 20 Inputs 8 Auxes (1080i 59.94, 29.97, 23.98 psf)
- For.A Aux Panels
- Vmix Gfx Computers , Streaming encoders. Lower 3rd, Video Playback, Replay
- (5)Panasonic AK-HC 3800 Camera Chains (wired for 6 Smpte)
- Fujinon HA Lens (22x7.8, 23x7. , 13x4.5)
- Cartoni Sticks, Heads- Sachtler Combi Ped
- BMD 40x40 12G SDI Router
- Decimator Multiviewer
- 55" Sony OLED Monitors for Productions area
- AJA FS 2, FS 1 Frame Syncs
- Atomos Shogun 19"
- Atomos Studio II (8 Channels of Records)
- 4 AJA KI Pro Rack Recorders
- Black Magic SSD (2 drive) player/recorder 2 SSD Cards
- Ross Opengear Frames (Dante Audio Em-Deembedders, Decimators, DA)
- Black Magic Dual 7" HDSDI Video Monitor
- Marshall Dual 7"

AUDIO
- Yamaha DM 3 22 Channel Digital Audio Console (Dante)
- Yamaha Tio 16-8 D2 16x8 over Fiber
- Genelec 8030B Control Room Speakers
- Oxmoor DCA Volume Control
- Clear-Com Arcadia Master Frame
- Freespeak II Wireless Packs
- 2 Wohler MSL-120 Audio Level Monitors
- 3 Wohler AMP-1AP 2 ch. Audio Monitors
- U.S. Audio Whirlwind Mix 6 Audio Mixer
- 2 RTS User Stations (rack mount)
- Telos The Link RTS/Phone line integrator
- Studio Technologies IFB Unit (rack mount)
- Crown Audio Amplifier
- Black Magic 16 ch. Audio and Video Monitor, HDMI & HDSDI outputs

Transmission

- Vertex 2.4 meter KU 4 Port Antenna with no restrictions
- Vertex KU antenna controller Model 7031
- Two 1705 Spectrum monitors
- 2 Tandberg fully loaded EN-8040 MPEG-4 encoders with built in modulators. Modulators DVBS/S2, QPSK, 8PSK, 16ASK, 32ASK, external ASI input
- 2 Professional IRD's (1-Adtec RD-60 & 1-Upcom)
- Sencore SMD-989 DVBS/2 Modulator
- Direct TV HD Receiver
- 4 Consumer IRD's "Open Box" with HDMI to HDSDI converters
- 2 Miteq UVE-9676- 125K Up Converters 70 MHZ to 14 GHZ
- 2 MCL HPA's MT3200
- MCL VPC RF Assembly
- 13196 VPC Controller
- 70 MHZ Patching Panel with Combiner
- Black Magic Dual 7" HDSDI Video Monitor
- Quintech L-Band Power inserters for H&V (IRD's, 1705's)
- 2 Tandberg E5740 Encoder/modulator
- Tandberg 1290 (Not sure if working)
- Upcom MPEG 4 HD Encoder UC-450E
- 60' of Cable Crossovers