

## Satellite Uplink #2

### Specifications

- Ford Econoline E350 Frontline News Van Modified Triton V10 Gas Engine
- Onan 7000 Watt Gas Generator
- Rooftop Air conditioner
- 50 Amp Shore Power

### Power & RF Equipment

- (2) ADTEC EN 81 Encoders, MPEG2/4 SD/HD encoders with DVB-S or DVB-S2 SD or HD. 4:2:0 or 4:2:2
- (2) THOR Modulators
- (2) ADTEC RD-70 IRDs, with QPSK, 8PSK decoding capability
- (2) CPI 400 Watt TWTAs
- (1) AVL 1.8m Antenna
- Avcom PSA-45D L-Band Portable Spectrum Analyzer

### Satellite Internet Uplink

- (2) Novelsat NS-3000/L-Band Modulator/ Modems
- (2) Datum M7 Satellite Modems
- Peplink HD4 MAX Cellular Router w/ MIMO Antennas

### IP Transmission

- LiveU LU610M HVEC 1080P Encoder
- Teradek Slice HVEC 1080P Encoder

### Monitoring & Frame Sync

- (1) Blackmagic Teranex Express Frame Sync
- (1) Blackmagic SmartView Dual 8 inch Intelligent Monitoring w/ built in scopes
- (1) Blackmagic 17" HD Monitor
- (1) 32" VIZO with Decimator Quad Split w/ (2) IRDS, Ingest Feed and Scopes

### Routing

- Blackmagic 20x20 Router

### Recording

- Blackmagic Hyperdeck Studio 4K Pro

### MISC

- (1) 500ft. Tactical Fiber Reel
- (1) 1000ft. Tactical Fiber Reel
- Studio technologies Hybrid Digital Interface
- Clearcom PL & IFB System, (8) Drops, (3) cell phones, (2) Analog Phone lines

