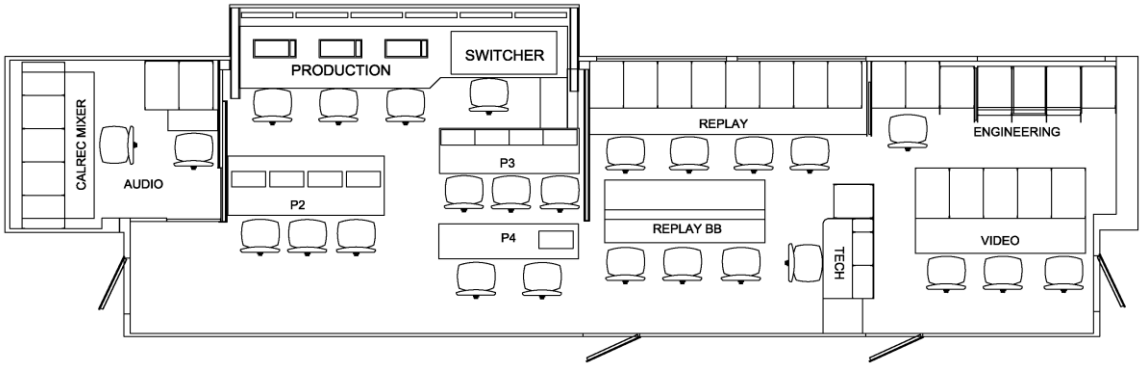
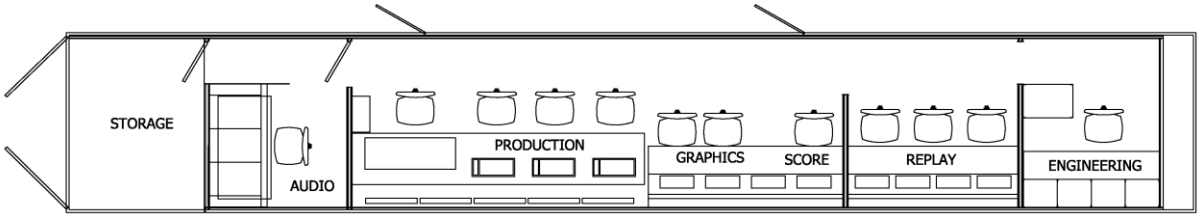
A-Unit 53' Long, 13'3" High, 8'6" Wide - Expands to 16'6"'



VMU (B-Unit) 53' Long, 13'3" High, 8'6" Wide



Production

Production

Replay

Replay

Production (VMU)

Replay (VMU)

40 HDX (A Unit) EQUIPMENT SPECIFICATIONS

PRODUCTION (A Unit)

- Grass Valley HD Kayenne K-Frame Switcher
- 7 M/E's, 96 inputs/48 outputs
- Internal Image Store
- 12 iDPMs, 2D DPMs, FlexiKey, DoubleTake
- 32 Chroma Keyers
- 4-stripe (M/E) Control Panel
- Up to 132 images in production wall

CAMERAS/LENSES & SUPPORT

- 4 Grass Valley LDX 86 Universe Super Slow Mo HD/3G Cameras (Fiber)
- 7 Grass Valley LDX Premier 720p/1080i Cameras (Triax)
- 1 Grass Valley Focus 75 Triax Camera with XA20sX8.5 ENG Lens (For Booth)
- 4 Grass Valley 3G Fiber Converters (SHEDS)
- 1 Fujinon XA 99 x 8.4 Long Lens
- 7 Fujinon XA 77 x 9.5 Long Lenses
- 1 Canon XJ 72 x 9.3 Long Lens
- 2 Fujinon HA 18 x 5.5 ENG Lenses
- 2 Fujinon ZA 17 x 7.6 ENG Lenses
- 5 HH ENG viewfinders
- 1 Studio Config Kit with LCD Viewfinder
- 9 Grass Valley RefleX SuperExpander Sleds w/ 7" OLED VF's
- 9 Vinten Vector 75 Heavy Duty Pan/tilt Heads
- 9 Mathews MT1 Heavy Duty Tripods
- 5 Manfrotto 536 ENG Tripods w/Libec Pan/Tilt Heads
- 2 SD LPS Clock Cameras

REPLAY, SPOTBOX AND EDIT SYSTEMS

- Four 12 Ch EVS XT3 Full Editing Replay servers, 16 Ch embedded audio
  - Four SSMO, 16 HD in/12 HD out when truck is running in "SSMO mode"
    Two XT3's can be split into two 4 in/2 out operator positions
  - *EVS's must use DNxHD Codec for "SSMO" mode*
    32 HD in/16 HD out when truck is running in "HD mode"
    Two XT3's can be split into two 4 in/2 out operator positions

One 4 CH EVS XS3 Server for Spot Box (2 ch per show on duals)

- XFile3 with USB 3.0
- 10Gbs and 3 Gbs SDTI Network
- One Panasonic P2 Deck AG-HPD24P
- Matrox Monarch HDX Recorder/Video Encoder
- Up to Six Replay Operator & One Tech Mgr. Positions

OUTBOARD MONITORS

- SIXTEEN - 16" Outboard LCD video monitors

Capability to provide HD Program to booth (If fiber is available)

COMMUNICATION

- RTS ADAM-M Matrix System
- *64 ports of OMNEO, 64 Channels of MADI, 48 Analog ports*
- 12 channels of IFB
- 12 channels of PL
- 12 RTS 4030 IFB Beltpacks
- 18 RTS BP325 headset boxes
- 4 Telos Hx2 Digital Telephone Interface's
- 4 RTS TIF 2000A's
- 12 Line Phone System

8 Two-Way Radios with two Base Stations

GRAPHICS

- Rackmount VizRT (provided for FSN shows only)
- 1 Chyron HyperX3
- HD For-A Telestrator with HD touchscreen

Rackmount Fox Box (provided for FSN shows only)

ENGINEERING & MISC

- 378 x 802 Evertz 3G/4K Router
- 2,752 x 2,848 Evertz Audio Router
- Embedded Audio, 32 AES Pairs, 18 – 64ch MADI

18 Frame Sync/Cross Converters, 10 with Fiber in/out

- *10 FS1-X's, 2 FS4's for a total of 18 paths*
- TSI-4000 Tally System with Virtual Tally

10 Utility cross converters

- 2 Lighting Kits
- 2 Parab Dishes (If Requested)

AUDIO

- CALREC Artemis 'Beam' Audio Mixer (56 fader)
- 256 routable inputs via MADI, 64 analog inputs 64 analog outputs
- RTW TM7 audio scope
- Audio Board can output 6 channels Surround Sound
- (Encoders for surround sound are the clients responsibility)
- Enco Hotshot2 Audio Playout System
- CD Player
- 8 Sennheiser MKH416 (short shotgun mics)
- 6 Sennheiser MKH 70 P48 (long shotguns mics)
- 9 Sennheiser MD-46 (stick mics)
- 8 Sony ECM-77b lavaliers
- 4 Crown PCC-160 Microphones
- 7 Sennheiser HMD Sportscaster headsets with 6 talkback boxes
- 6 Whirlwind MD-1 Mic/Line Drivers
- 6 Sound Devices MP-1 Line Amps
- 6 Fostex Portable Speakers
- Fiber Booth Kit avaliable upon request

CABLE *- Additional cable available if shipped separately*

- 4000’ Triax
- 1000' TAC Singlemode Fiber
- 2300’ DT-12
- 225’-3 Phase Power Cable

POWER REQUIRED

- 208 VAC, three phase, 200 amps

Separate 200 amps of three phase 208 VAC may be required in high heat locations

40 HDX VMU (Visitor Mobile Unit / B Unit) EQUIPMENT SPECIFICATIONS

This trailer is fully networked to the A-unit with extensive fiber connectivity.
All cameras and record trains are available to both trailers.

The following equipment is available to the Visitor Feed in addition to 40HDX A-Unit equipment

PRODUCTION

- 3 Stripe Switcher Panel (3 M/E's assigned to Visitor Show)
- 7 rack monitor wall with 58 displays

REPLAY & EDIT SYSTEMS

- Up to 3 EVS operator Positions
- XFile3 with USB 3.0
- 2 Channels of Spot Box w/Lance Control (From A Unit)

COMMUNICATIONS

- 8 Channels of IFB
- RTS Intercom System integrated with A-Unit
- 6 RTS 4020 IFB Beltpacks
- 6 RTS BP325 headset boxes
- 2 Telos Hx2 Digital Telephone Interface's
- 2 RTS TIFF 2000A's (From A Unit)

2 Two-way radios with Base Station

-

GRAPHICS

- Rackmount VizRT (provided for FSN shows only)
- Chyron HyperX3 HD w/USB 3.0 (Upon Request)

AUDIO

- STUDER Vista 1
- 50 mono channels, 38 stereo channels
- 16 mono aux, 4 stereo aux
- 10 Stereo Groups w/Dynamics & EQ, 6 Stereo Busses
- Digicart II Plus with 250Mb ZIP Drive
- CD Player
- 3 Sennheiser MD-46 (stick mics)
- 5 Sennheiser HMD Sportscaster headsets W/ 5 talkback boxes
- 2 Sound Devices MP-1 Line Amps
- 900' DT12
- 3 Sennheiser MD-46 (stick mics)

OUTBOARD MONITORS

- FOUR - 16" Outboard LCD monitors

Capability to provide HD Program to booth (If fiber is available)

ENGINEERING & MISC.

- Two Lighting Kits
- 1 Grass Valley Focus 75 Triax Camera

with XA20sX8.5 ENG Lens (For Booth)

POWER REQUIRED

- 208 VAC, three phase, 150 amps
- 225’ of 3-Phase Power Cable