FLOODstream One / FS1

FLOODstream's flagship production truck, FLOODstream One, is based in Phoenix, Arizona and is used for a variety of live broadcast sports and entertainment productions. A 24-foot trailer, FS1 sports a full complement of high-definition broadcast equipment, utilizing an all-IP audio and video workflow powered by a managed fiber network. FS1 can support multiple remote "work from home" production positions including the Graphics and Producer roles.

Production
- Newtek Tricaster TC1
  - 16-Channel Video Switcher w/ 2-Stripe Control Panel
- Newtek 3Play 4800
  - 8-Camera , 2-channel Instant Replay System

Cameras & Connectivity
- 4x Panasonic HPX370 High Definition Camera
  - 17x Fujinon Lens
  - Studio or Handheld Configuration
- 2x Panasonic HPX500 High Definition Camera
  - 17x Fujinon Lens (longer lenses on request)
  - Studio or Handheld Configuration
- 1x JVC HM-600 High Definition Camera
- 2x Marshall Electronics CV503 POV Cameras
- 1x Marshall CV730 Pan/Tilt/Zoom Camera
  - 30x Optical Zoom, NDI or SDI Connectivity
- 10x Magewell Pro Convert NDI Encoder
- 1x BirdDog 4K Quad 4-Channel NDI Encoder/Decoder
- Additional cameras and lenses available upon request

Network
- Managed Fiber & Ethernet network, featuring:
  - 1x Ubiquiti Security Gateway Pro
  - 2x Ubiquiti 24-Port POE Switch w/ dual Fiber SFP
  - 1x Ubiquiti Aggregation Switch for 10GB Fiber
  - 6x Ubiquiti Networks 8-Port POE Switch
- SpaceX Starlink Gen 2 Unlimited Internet Connection

Graphics
- NewBlue Captivate Broadcast Edition
  - Multi-channel motion graphics w/ data integration
  - Dell Precision 3930 Server w/Enhanced Graphics Card
- Scoreboard data integration:
  - SportzCast ScoreBot
  - Graphics Outfitters ScoreBridgeIP
- Alternate graphics systems available at additional cost:
  - Chyron IP
  - Ross Xpression

Displays
- 2x 55" Multi-View LED Monitor (Director and Producer)
- 2x 32" Monitor (Replay and Audio positions)
- 8x 24" Monitor (Producer, GFX, Director, Audio and EIC)
- 3x 19" Talent Monitor w/ Custom dual-channel NDI decoder

Video Equipment
- Blackmagic Design Smart Videohub 20x20 SDI Router
- 5x AJA HD5DA Reclocking Distribution Amplifiers
- 3x AJA SDI to HDMI Converters

FLOODstream®

FLOODstream LLC
(480) 535-5002
floodstream.com

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Audio
- Behringer X32 Digital Audio Console w/Dante Card
- Behringer S16 AES Digital Stage Box (rack)
- Yamaha Tio1608-D Dante stage box
- 6x Audio Technica BPHS1 Announcer Headsets
- 3x Studio Technologies Dante announcer consoles
- 3x Sennheiser MD46 Handheld Microphones
- 2x Marantz SG-17P Shotgun Condenser Microphones
- 4x AKG Mini-Shotgun Microphones
- Audio playout via PlayIt Cart Wall

Communications
- IP Partyline / Crew Communications & Talent IFB
  - All-IP Dante system
  - Studio Technologies Model 348 Producer Console
    - 8-Channel talent / crew communications
  - 2x Studio Technologies 4Ch. Beltpack (Replay, Director)
  - 5x Studio Technologies 370A 2Ch. Beltpack
  - 3x Studio Technologies 373A Beltpack
- 4-Channel Dante IFB/Talkback system
- 12-Ch. Unity Intercom system for remote communications
- Coordination/consortium connections via VOIP, Teams, Zoom or Google Meets, carried on Dante network.

Transmission
- LiveU LU300s broadcast encoder w/3 wireless connections
- LiveU Solo stream encoder w/3 wireless connections
- Satellite or IP transmission methods available on request.
- Additional costs apply to transmission.

Lighting
- LED Track Lighting throughout mobile unit
- 6x 660 LED Light Fixtures w/stands
- 2x Small onboard LED camera light

Cables
1x 300' 12-Strand Tactical Fiber Optic Cable
1x 1200' 4-strand Tactical Fiber Optic Cable
3x 500' 2-strand Tactical Fiber Optic Cable
2x 250' 2 XLR/SDI A/V Cable Snake
4x 250' Dual Cat5e Ethernet snake

Electrical & Environmental
2x 13,500 BTU Roof-Mounted Air Conditioners
1x Portable / Auxiliary Air Conditioner
50 Amp Power via Camlock or RV Connector
Reliance Controls 10-Circuit Transfer Switch
1x Tripp Lite 1000VA Pure Sine Wave UPS Battery Backup
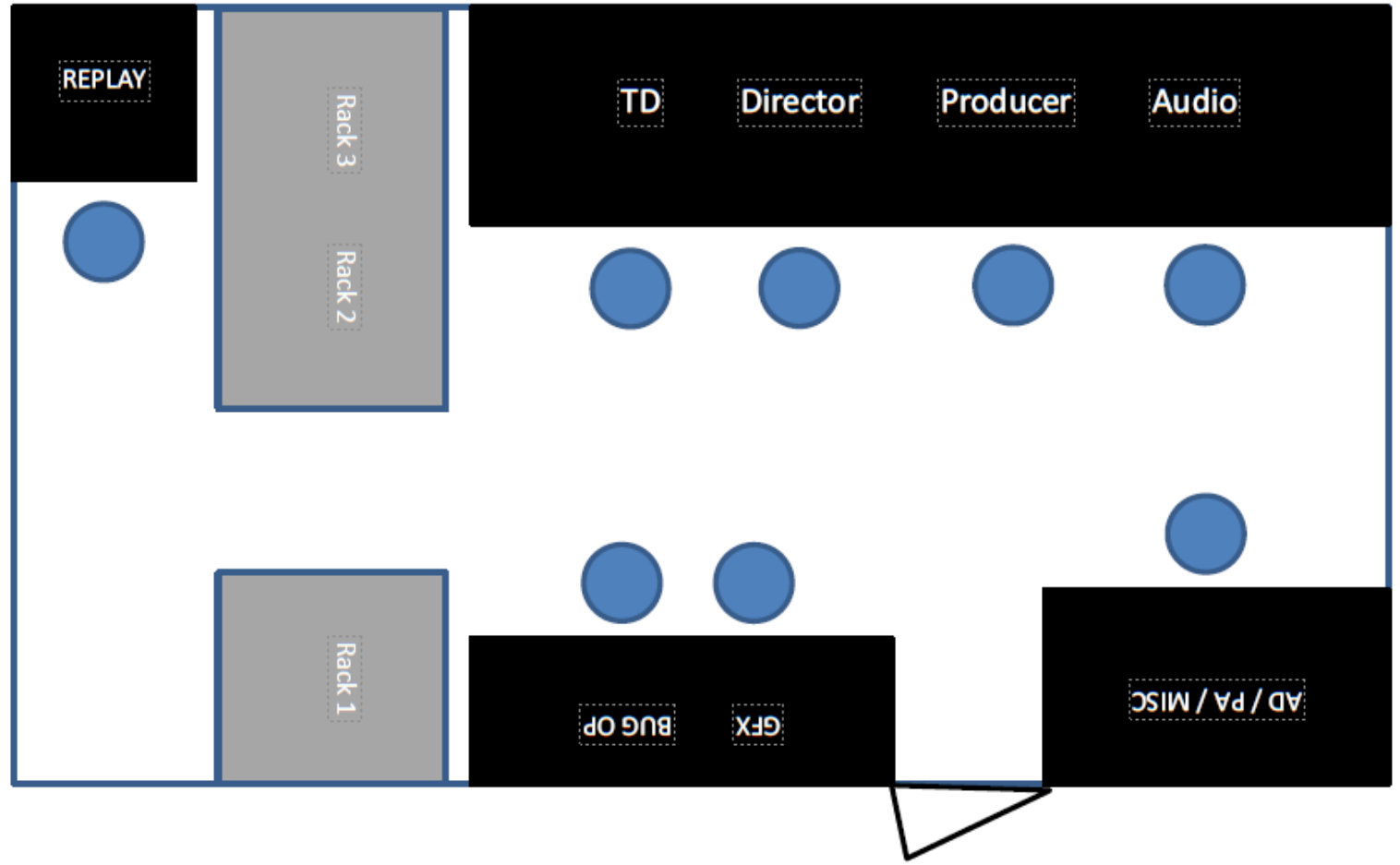2x Tripp Lite Smart 1500VA 900 Watt UPS Battery Backup

Physical
24' Trailer Configuration
46' Total Length with Tow Vehicle
8.5' Width

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Drawing not to scale

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