FLOODstream Three / FS3

FLOODstream Three, is based in Phoenix, Arizona and is used for a variety of live broadcast sports and entertainment productions. A 20-foot V-Nose trailer, FS3 sports a full complement of high-definition broadcast equipment, utilizing an all-IP audio and video workflow powered by an enhanced fiber network. FS3 can optionally support multiple remote "work from home" production positions including the Graphics and Producer roles.

Production
- Newtek Tricaster TC1
  - 16-Channel Video Switcher w/ Control Panel
- Newtek 3Play 425
  - 4-Camera Instant Replay System

Cameras & Connectivity
- 4x Panasonic HPX370 High Definition Camera
  - 17x Fujinon Lens
  - Studio or Handheld Configuration
- 1x JVC HM-600 High Definition Camera
- 1x Marshall Electronics CV503 POV Camera
- 10x Magewell Pro Convert NDI Encoder
- 1x BirdDog Quad 4-Channel NDI Encoder/Decoder
- 1x Hollyland Cosmo C1 Wireless Transmission (on request)
- Additional cameras and lenses available upon request

Network
- Fully Managed 10GB network, featuring:
  - 1x Ubiquiti Security Gateway Pro
  - 1x Ubiquiti 24-Port POE Switch w/ dual Fiber SFP
  - 1x Ubiquiti Aggregation Switch for 10GB Fiber
  - 5x Ubiquiti Networks 8-Port POE Switch
- SpaceX Starlink Gen 2 Unlimited Internet upon request

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 ScoreBridge
- Alternate graphics systems available at additional cost:
  - Chyron IP
  - Ross Xpression

Displays
- 1x 55" Multi-View LED Monitor (Director, Producer)
- 2x 40" Multiview LED Monitor (Graphics, Audio)
- 3x 32" Monitor (Replay, Graphics and Audio positions)
- 4x 24" Monitor (Graphics, Director, Producer)
- 2x 19" Talent Monitor w/BirdDog Play 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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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 an enhanced Ubiquiti network. FS1 can support multiple remote production positions including the Graphics and Producer roles.

Audio
- Behringer X32 Compact Digital Audio Console w/Dante Card
- Behringer S16 AES Digital Stage Box (rack)
- Yamaha Tio1608-D Dante stage box
- 4x Audio Technica BPHS1 Announcer Headsets
- 3x Studio Technologies 204 Dante announcer console
- 2x Sennheiser MD46 Handheld Microphones
- 2x Marantz SG-17P Shotgun Condenser Microphones
- Audio playout via PlayIt Cart Wall

Communications
- IP Partyline / Crew Communications & Talent IFB
    - Dante-based IP system
    - Studio Technologies Model 354A IFB Console
        - 4-Channel talent communications
    - 3x Studio Technologies 4Ch. Beltpack
        - Producer, Replay, Director
    - 5x Studio Technologies 370A 2Ch. Beltpack
- 4-Channel Dante Audio IFB/Talkback system
- 12-Ch. Unity Intercom system for remote communications
- Coordination line connections via 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
- 3x 660 LED Light Fixtures w/stands
- 1x Small onboard LED camera light

Cables
- 1x 150' 12-Strand Tactical Fiber Optic Cable
- 2x 500' 4-strand Tactical Fiber Optic Cable
- 1x 1000' 4-strand Tactical Fiber Optic Cable
- 2x 250' 2 XLR/SDI A/V Cable Snake
- 4x 250' Dual Cat5e Ethernet snake

Electrical & Environmental
1x 13,500 BTU Roof-Mounted Air Conditioners
1x Auxiliary Air Conditioner (rack area)
50 Amp Power via Camlock or RV Connector
2x Tripp Lite Smart 1500VA 900 Watt UPS Battery Backup

Physical
20' V-Nose Trailer Configuration
43' Total Length with Tow Vehicle
8.5' Width
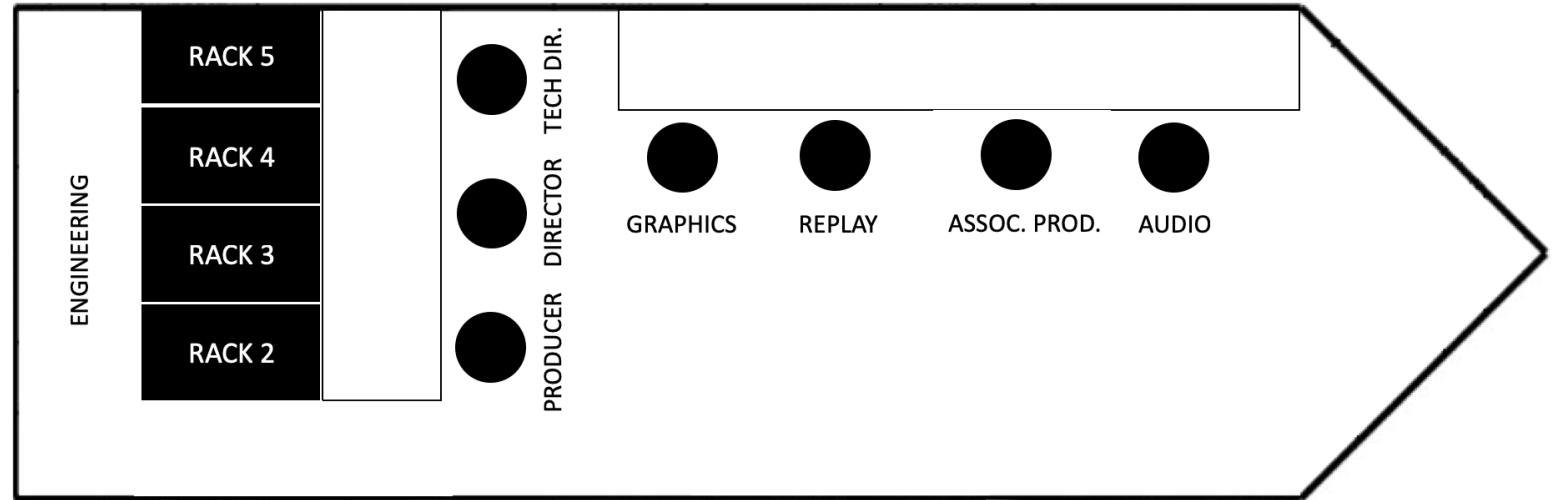

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Drawing not to scale