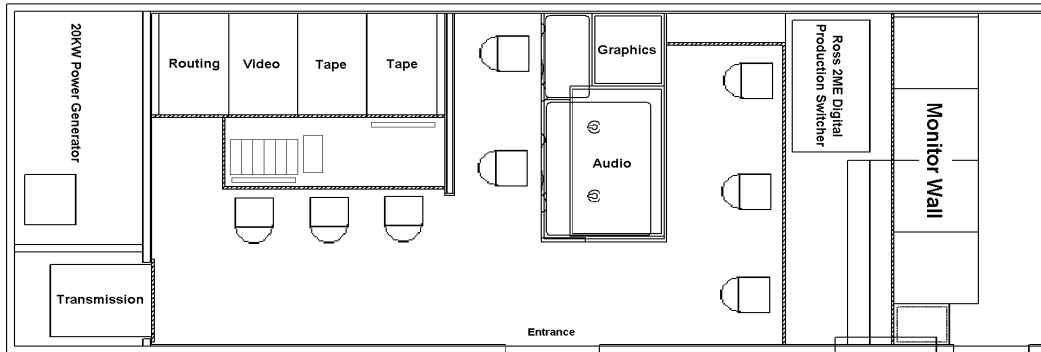




Universal Satellite Communications Inc. TES 2 Digital Satellite Production Unit

12/15/2001



Equipment List

Cameras

5 Ikegami HL-59W Digital 16:9 Cameras
Handheld or studio configuration
593 Triax base station
Full studio kits with 5 inch rear viewfinders
MCP Master setup panel with auto setup
up to 6 Triax cameras (pre wired)

Lenses

4 Fujinon 22X7.8 w/x2 extender 16:9
1 Fujinon 10X4.8 w/x2 extender 16:9
Servo Rear lens control

Video Switcher

Ross Synergy 2 Digital 4:2:2 with
simultaneous 4:3 and 16:9 production
32 inputs
2 mix/effects
E-MEM Floppy Drive
4 Chroma Keyers
4 Border Generators
4 2D Digital Squeeze DVE
VTR Control
Digicart Effect Control
Full tally routing

Video Special Effects

Devous 2 channel 3D DVE (on request)

Video Tape

2 Sony DVW-500A Digital Betacam Recorders
2 Sony PVW-2800 Betacam SP Recorders
Panasonic DMR E20 DVD recorder/player
Sony VHS HIFI Recorder
EVS 4 channel server (on request)
1 DNF 3000 slow motion controller with T bar
Evertz 5010 Master time code generator
VITC/LTC reader
character inserter
jam sync to GPS master clock system

Graphics

Chyron Digital 601 V.12 dual channel MAX 16:9
camera capture
intelligent interface
250 MB Zip drive
Still Store (on request)

Audio System

Mackie 24/8 Stereo console w/ meter bridge
24 inputs
8 sub outputs
6 aux outputs
Insert & send on each channel input
Insert & send on each sub group
Insert & send on main stereo output
Full patching
1 DBX 1066 Stereo compressor/limiter
2 DBX 1066 4 channel compressor/limiter
Digicart II Plus with ZIP drive
remote control RD 220
Tascam DA-40 DAT Recorder
Denon DN-T620 CD player with cassette
2 DT 12 audio interfaces in I/O panel
4 Shure FP23 Mics to line amps
4 Clearcom AB- 100 talkback boxes
4 Sennheiser announcer headsets
Microphones
2 Beyer Dynamic M58 Handheld Mic
2 Sony ECM 66B Lavalier Mic
2 Sony ECM 55B Lavalier Mic
4 Sony ECM 44B Lavalier Mic
5 Camera Shotgun Mic
2 Additional Shotgun Mics

Communications

RTS Zeus Digital Intercom Station
(24X24 matrix 3 external wet ports)
2 Line RTS TIF Telephone interface
3 RTS KP-32 Master Panels
2 RTS KP-12 panels with foot switches
RTS 6 channel IFB system with 10 drops
NST 2 channel wireless IFB system
Clearcom intercom interface (TW-12B)
Telos 100 2 channel Digital Telephone Hybrids
2 Studio Technologies 2 channel IFB mixer/hybrid
Panasonic 12 line telephone system
full telephone patching
5 Motorola Cellular phones with FAX interface
2 Westinghouse satellite telephones with FAX
2 Qualcomm PCS Digital phones (Sprint)
Motorola VHF 2 way radio system
3 base station (audio,engineer,TX, intercom)
6 handheld radios with headsets
licensed on 3 VHF channel's

Production Area Monitors

2 Ikegami TM30 20 inch digital color monitors
10 Ikegami 9 inch B/W 16:9 monitors
18 Ikegami 5 inch color monitors
4 Ikegami 9 inch color monitors 16:9
Torpey GPS Master clock system (4 inch display)

Terminal

Pesa 32X32 Digital/Analog/Audio routing switcher
PTV Master sync generator with 19:9 patterns
2 DPS 475 frame synchronizers with audio delay
3 DPS 470 frame synchronizers with audio delay
DPS RC-4000 remote control
5 Ross frame synchronizers (analog to digital)
5 Ross Digital to Analog converters
3 Tektronix 1740A Analog waveforms with audio
2 Tektronix Serial Digital waveforms
Ross Digital and Analog Distribution
Ross remote control audio DA's (600 ohm)

Satellite Transmission

Andrew 2.4 KU satellite antenna with GPS
ETM Phase combiner redundant switch/dual path
2 ETM 450 watt KU satellite amplifiers
2 Advent Upconverters with Test loop
2 Advent Analog modulators
up to 6 audio subcarriers per path
2 Tiernan TE600 Digital Encoders 4:2:2 or 4:2:0
up to 4 channels of audio per path
2 Sony DSS receivers with auto acquire antenna
2 DX DIR 657 Videocipher satellite receivers
Standard Intercontinental satellite receiver

Dimensions

33'L x 8'4"W x 13'4"H weight: 33,000 lbs.
40'L x 18"W x 13'4" H (working area, ant. stowed)

Power Requirements

onboard Kouler 20KW diesel power generator
200 amps single phase 220 volts
100 foot power cable

Contact

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