Equipment

VIDEO
2 Atomos Shogun 4K/3G/HD video recorders
1 Eagle PT-101 interior camera pan/tilt head for cameras with large lenses
1 Eagle PT-C55 pan/tilt controller
1 Eagle PT-CCB-101 Camera control module for PT-101 head
1 Evertz 3405FRS-BNC standalone fiberoptic SFP BNC frame
1 Evertz 3405T13-2 dual TX 1310NM SFP
1 Evertz HD-2014-3G+2PS+2RX 1RU multi-path video converter/frame synchronizer/decoder fiber receiver
1 Evertz 3405R-2 dual RX SFP
2 Ikegami ECO-HD21 1/3" CMOS compact HD SDI/HDMI cameras
4 Ikegami HDK-95C/BF/4K portable HDTV camera systems
2 Ikegami HDK-95C/CA 3G HDTV native multi-format digital portable camera systems
3 Ikegami HDL-57DP 3G HDTV multi-format digital robotic compact cameras
2 Ikegami VFL912HD/EX2 multi-format 9" LCD viewfinder cameras w/mounting brackets
4 Ikegami OCP-300 operation control panels
2 MTO Unlimited S4 ShooterSlicker rain/shoot w/audio/video wireless
2 Multidyne HD-3521-GE-TX-ST-S video/data fiber transmitters
1 Multidyne HD-3521-RX-53-ST-SYNC 3.0 Gbps multi-rate serial digital video fiberoptic receiver
2 Multidyne HD-3521-GE-RX-ST-S video/data fiber receivers
1 Multidyne HD-3521-TX-35-ST-SYNC 3.0 Gbps multi-rate serial digital video fiberoptic transmitter
2 Sony SRG300SE 1080/60P 3-G-SDI, live IP streaming PTZ cameras
2 Wave Central AXIKE-5G 5.8GHz Ikegami Enclosed TX - H.264 encoding, ultra low delay

CENTRAL EQUIPMENT ROOM: CORE
2 Evertz 5601MSC+2PS+GP+T+3GTG master SPGs
1 Evertz 5601ACO2 2RU automatic changeover system
2 Evertz WA-T11 400’ I/F cables
1 Evertz 500FR+5PS compact high-density distribution frame
2 Evertz 500DA2Q-3G 3G/HD/SD-SDI dual reclocking distribution amps
11 Evertz 501ADA-EQ analog video distribution amps (1x9) with cable equalization, adds VLPRO control

ROUTING SWITCHER MATRIX
1 Evertz EQX10-FR-XLINK 10 RU EQX frame
2 Evertz EQX-FC controller modules
2 Evertz EQX10-XPTG-180x288 XPTs
10 Evertz EQX-IO18-DIN-RP DIN-based rear plates
3 Evertz EQX-G-IP18-3G 18-channel SD/HD/3G input cards
3 Evertz EQX-GX-OP18-3G 1-output EQ green/LP
5 Evertz EQX-IP16AD-3G-2TDM 16 3G input module with audio de-embedding to TDM
6 Evertz EQX-OP16AE-3G-2TDM 16 3G output module with audio embedding to TDM
1 Evertz EMX6-FR+6PS modular frame
2 Evertz EMX-FC frame controllers
1 Evertz EMR-IP48-AA 48 stereo analog audio inputs
1 Evertz EMR-OP48-AA 48 stereo analog audio outputs
2 Evertz EMR-ADMX-16x16A TDM Mux & Demux engine

ENGINEERING/QC
2 Avocent HMX1070-001 single-monitor user stations
3 Chief FSA1015B 19" equipment rack accessory SFP mounts
3 Chief FTR4100 small flatpanel tilt wall mounts
2 Evertz CP-1040E intelligent control panels
1 Evertz CP-2232E full-rack-width router control panel w/hi-res touch
   LCD screen
1 Ikegami HEM-1770WR 17c HDTV OLED master monitor
1 Leader LV5770A multi-monitor, supports 2x 3G/HD/SD-SDI signals
1 Leader LV5770-OP41 digital audio provides
16-channel AES/EBU I/O
1 Leader LV5770-OP42 analog audio for LV5770-LV7770
3 Samsung S22C200B LED 22" widescreen flatpanels
1 Wohler AMP1A-PLUS audio monitor

PRODUCTION SWITCHER
1 Ross A3-Panel Acuity 3 control panel
1 Ross AP-AUX2RU32 2RU auxiliary control panel w/Source Mnemonics
1 Ross AP-SHOTBOX-SL1 ShotBox Module Slot
1 Ross ACU8-FRAME Acuity 8RU base frame
2 Ross ACU8-IN20 3G inputs, 20 additional
1 Ross ACU8-OUT20 3G outputs, 20 timed outputs
1 Ross ACU8-ME1, adds ME 1
1 Ross ACU8-ME2, adds ME 2
1 Ross ACU8-ME3, adds ME 3
1 Ross ACU8-3DDVE-ME1 3D DVE w/Warp for ME 1
1 Ross ACU8-3DDVE-ME3 3D DVE w/Warp for ME 3

CHARACTER GENERATOR
1 ClickEffects CFHSCS Crossfire HD single channel (w/advanced graphics)
1 Ross XST2-0101-M4 XPression Studio - Dual (SW+HW)
1 Ross XST-DLQ DataLinq Server Option
1 Ross XPN-CII-CGI-BDL XPression CII Gateway Bundle (SW Only)
1 Ross XST-CLIP-SERV Clip Server option

VIDEO RECORD/PLAYBACK/DUPLICATION
2 Atomos Shogun Studio 4K/HD 2CH, dual 7” rack recorders
1 Elemental L176AE Elemental Live 150 AE series (1RU, 2 GigE ports, 4 HD-SDI port)
1 Elemental S223AE server 200 AE series (1RU 2 GigE ports)
1 Elemental SP200GAE-ES-SLV AE support for Elemental Live
4 Ensemble Designs BE-83H HDMI > 3G mini-converters w/rackmount kits
1 Evertz +FL-ADC-HD component A/D converter
2 Evertz HD2014-3G+2PS 1RU multi-path video converter/frame
1 Evertz HD2014-3G+2PS+AA 1RU multi-path video converter/frame
1 Evertz HD2014-3G+2PS+AA 1RU multi-path video converter/frame
1 Evertz HD2014-3G+2PS+AA 1RU multi-path video converter/frame

INTERCOM
2 Clear-Com AC60 FreeSpeak II 5-way chargers
4 Clear-Com CC-300-X4 single-ear headsets, XLR-4F
4 Clear-Com CC-400-X4 double-ear headsets, XLR-4F

DISTRIBUTION, CONVERSION
3 Evertz 500FR+5PS compact high-density distribution frames
25 Evertz 500DA2Q-3G 3G/HD/SD-SDI dual reclocking distribution amps (2 1x4)
2 Evertz 7800FR-QT+78PQT quiet Multiframes w/intelligent front fan cooling
2 Evertz 7800FC+3RU 7700FR, 7800FR VistaLINK frame controllers
5 Evertz 7700ADA-AUD+3RU balanced analog audio distribution amps
   (configurable 1x8 or 2 1x4)
1 Evertz 7825CCE-3G+3RU 3G/HD/SD-SDI DTV closed caption encoder
1 Evertz 77707CVDRA13-A4-F2+SC +3RU analog video + audio + Bi-di
   RS-232/422 fiber receiver, dual fiber, 1310nm TX & RX, VistaLINK
2 Evertz 7814UX-3G-2+3RU dual-path 3G/HD up/down/cross converters
2 Evertz HD2014-3G+2PS+AA 1RU video converter/frame
   synchronizer/decoders
<table>
<thead>
<tr>
<th><strong>1</strong></th>
<th>Clear-Com FSII-BASE FreeSpeak II base station</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8</strong></td>
<td>Clear-Com FSII-BP19-X4-US FreeSpeak II beltpacks, XLR-4</td>
</tr>
<tr>
<td><strong>4</strong></td>
<td>Clear-Com FSII-TCVR-19-US FreeSpeak II active antennas</td>
</tr>
<tr>
<td><strong>1</strong></td>
<td>Clear-Com PD2203 FreeSpeak/Cellcom antenna splitter</td>
</tr>
<tr>
<td><strong>1</strong></td>
<td>Riedel Artist system w/32-port, 64-port cores</td>
</tr>
<tr>
<td><strong>1</strong></td>
<td>Riedel DCP-1016E LED keypanel, 16 keys, desktop</td>
</tr>
<tr>
<td><strong>1</strong></td>
<td>Riedel Performer C3 beltpack</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Riedel RCP-1012E/0 LED 12 key keypanels</td>
</tr>
</tbody>
</table>

**JACKFIELD PATCHING**

- **15** ADC PPI15232-MJVT-BK video/AES audio patch panels, 2x32, 1.5RU, mid-size
- **2** ADC PPE15232-CJMT-BK 1.5RU non-normalled patch panels
- **4** ADC PPP1248-E3-HN-S programmable audio panels
- **4** ADC PPP-15-CHAS-KIT designation kits w/programmable panel, 1.5 RU  Escutcheon Conversion Kit
- **ADC B2B audio, video patch cords**

**BROADCAST COMPUTER SYSTEMS**

- **3** Stealth Computer SR-2501 rackmount computers

**ETHERNET SWITCHES**

- **1** Cisco WS-C3750X-48PF-S Catalyst 3750x 48-port full PoE IP base
- **1** Cisco CON-SNTP-WSC24TDL 24x7x4 SMARTnet
- **1** Cisco CON-SNTP-3750X4FS SMARTnet 8x5 NBD Catalyst 3750X 48-port full PoE IP
- **1** Cisco C3KX-NM-10G Catalyst 3K-X 10G network module option PID
- **1** Cisco SFP-10G-LR 10BASE-LR SFP module
- **1** Cisco SG220-26-K9-NA 24-port gigabit Ethernet switch
- **2** Cisco SG220-50-K9-NA 48-port gigabit Ethernet switches
- **1** Cisco SG100-16-NA 16-port gigabit Ethernet switch

**KVM MATRIX**

- **1** Avocent HMXMGR-G2-001 HMX Manager appliance
- **12** Avocent HMIQSHDI-001 single-monitor computer interfaces
- **3** Avocent HMIQDHDD-001 dual-monitor computer interfaces
- **2** Avocent RMK-45 rackmount kits, HMX user stations
- **10** Avocent RMK-67 rackmount kits, HMX transmitters

**SWITCHES**

- **1** Cisco WS-C2960X-24TD-L Catalyst 2960-x 24 GIGE 2x10G SFP+ LAN
- **1** Cisco CON-SNTP-WSC24TDL 24x7x4 SMARTnet
- **1** Cisco CON-SNTP-C45XF32S 24x7x4 SMARTnet
- **1** Cisco SFP-H10GB-CU1M 1M 10BASE-CU SFP+ CBL
- **1** Cisco WS-C4500X-F-32SFP+ CTO CAT 4500-X 10G IP base 32 PT front-T
- **2** Cisco C4KX-PWR-750AC-F/2 CTO Catalyst 4500X 750WAC back to front
- **6** Cisco GLC-T CTO 1000BASE-T SFP
- **19** Cisco SFP-10G-SR CTO 10BASE-SR SFP mods
- **1** Cisco C4KX-NM-8SFP+ CTO CAT 4500X 8PT 10G NTWK mod
- **4** Cisco SFP-10G-LR CTO 10BASE-LR SFP mods
- **2** Qnap LAN-10G2DA-U-EMULEX dual-port SFP+10GbE cards for TS-X79U-RP X70U-RP X79 PRO

**CONFIGURED SYSTEM M440**

- **1** Quantum BSP4H-C41D-001A StorNext M441D metadata appliance
- **1** Quantum 9-03944-01 MDC, adds 2x10GbE ports (optical) per node for SMB/NFS

**CONFIGURED SYSTEM STORNEXT QXS**

- **1** Quantum BQY12-BSYS-024C StorNext QXS-1200 Storage RAID, (8) 16Gb FC Ports, (12) 2TB NL-SAS 7.2k drives, 24TB raw capacity
- **1** Quantum BQY12-BSYS-048C StorNext QXS-1200 Storage RAID, (8) 16Gb FC ports, (12) 4TB NL-SAS 7.2k drives, 48TB raw capacity
- **1** Quantum BQX12-AEXM-048C StorNext QXS-1200 storage expansion, (12) 4TB NL-SAS 7.2k drives, 48TB raw capacity

**CONFIGURED SYSTEM STORNEXT AEL500**

- **1** Quantum LSNDB-C014-024A StorNext AEL500 archive, 14U base library, 41 licensed slots, no tape drives
- **2** Quantum 9-03735-01 fiber channel interface cables
- **1** Quantum SSNDB-NSYN-0241 StorNext AEL500 archive, 14U base library, 41 licensed slots

**AUDIO**

- **1** Ashly SRA-2075 75W audio amp
- **1** Ashly LX-308B audio mixer
- **2** JBL Control 5 compact monitor speakers
- **1** Yamaha RMIO64-D Dante/MADI conversion I/O rack
CONFIGURED SYSTEM BROCADE
2 Quantum HB-RM5-AF8A-012A Brocade 6505 fiber channel switches, 8Gb w/12 active ports

MEDIA LTO-6
60 Quantum MR-L6MQN-BC data cartridges

PRODUCTION CONTROL ROOM

MONITOR WALL
2 AJA Hi-5 PLUS 3G/HD-SDI to HDMI converters
10 NEC V463 46" LED HD displays

PRODUCTION OPERATOR POSITIONS

DIRECTOR/SPYDER
1 Avocent HMX1070-001 single-monitor user stations
1 ESE ES-466P up/down timer, 1RU
1 Evertz CP-1040E intelligent control panel
1 Riedel Artist intercom station
1 Samsung S22C200B 22" LED 1920x1080 widescreen adjustable display angle screen
1 Wohler AMP1A audio monitor

TECHNICAL DIRECTOR
1 Evertz CP-1040E intelligent control panel
1 Riedel Artist intercom station

CLIPS OPERATOR
1 Diversified custom connector panel
1 Ensemble Designs BEM-1 3G-SDI scan converter w/rackmount kit
1 ViewSonic TD2340 23" LED widescreen touchscreen

CHARACTER GENERATOR
2 Avocent HMX1070-001 single-monitor user stations
1 Evertz CP-1040E intelligent control panel
1 Ikegami HLM-905 dual 9" monitors w/rackmount
1 Riedel Artist intercom station
2 Samsung S22C200B 22" 1920x1080 widescreen LEDs, adjustable display angle
1 Wohler VMQ-4 4-channel analog audio monitor

HITS/FONT ASSIST
1 Avocent HMX1070-001 single-monitor user station
1 Ikegami HLM-905 dual 9" monitors w/rackmount
1 Samsung S22C200B 22" 1920x1080 widescreen LED, adjustable display angle
1 Wohler VMQ-4 4-channel analog audio monitor

SR. VIDEO OPERATOR
1 Evertz CP-1000E intelligent control panel
1 Evertz CP-1000E-DMK under-desk mounting kit
1 Ikegami HEM-1770WR 17" HDTV OLED master monitor
1 Leader LV5770A multi-monitor supports 2x3G/HD/SD-SDI signals
1 Leader LR-2770A-U waveform monitor rackmount for LV5770A, LV5800, LV5838
1 Riedel Artist intercom panel
1 Wohler AMP1A audio monitor

ENGINEER IN CHARGE
1 Avocent HMX1070-001 single monitor user stations
1 Evertz CP-1040E intelligent control panel
1 Riedel Artist intercom station
1 Samsung S22C200B 22"LED 1920x1080 widescreen adjustable display angle screen

REPLAY POSITION 1, 2 (EACH)
1 Avocent HMX2050-001 dual-monitor user station
1 Riedel Artist intercom station
1 Samsung S22C200B 22" LED 1920x1080 widescreen adjustable display angle screen
1 ViewSonic TD2340 23" LED touchscreen, widescreen
1 Wohler VMQ-4 4-channel analog audio monitor

DC LOGGER
1 Avocent HMX1070-001 single-monitor user stations
1 Evertz CP-1040E intelligent control panel
1 Riedel Artist intercom station
1 Samsung S22C200B 22" LED 1920x1080 widescreen adjustable display angle screen
1 Wohler VMQ-4 4-channel analog audio monitor

SOCIAL MEDIA
2 Avocent HMX1070-001 single-monitor user stations
2 Samsung S22C200B 22" LED 1920x1080 widescreen adjustable display angle screen

MANAGER'S OFFICE
1 Avocent HMX1070-001 single-monitor user stations
1 Evertz CP-1040E intelligent control panel
1 Ikegami ULE-217 21" 3G/HD/SD multi-channel LCD rack monitor
1 Samsung S22C200B 22" LED 1920x1080 widescreen adjustable display angle screen

**DJ**
1 Riedel Artist intercom station
1 Samsung S22C200B 22" LED 1920x1080 widescreen adjustable display angle screen

**PRODUCER**
1 Avocent HMX1070-001 single-monitor user stations
1 Evertz CP-1040E intelligent control panel
1 Ikegami ULE-217 21" 3G/HD/SD multi-channel LCD rack monitor
1 Riedel Artist intercom station
1 ViewSonic TD2340 23" LED widescreen touchscreen

**PA ANNOUNCER**
2 Ikegami HLM-905WR 2x9" 3G/HD/SD multi-channel LCD rack monitors
1 Riedel Artist intercom station

**AUDIO A1**
1 Evertz CP-1040E intelligent control panel
1 Ikegami ULE-217 21" 3G/HD/SD multi-channel LCD rack monitor
1 Riedel Artist intercom station

**STADIUM VISION**
1 Adder CCS-PRO4-US seamless keyboard-mouse switching for 4 computers w/rackmount kit
1 AJA Hi5-Plus 3G/HD-SDI to HDMI converter
1 Avocent HMX2050-001 dual-monitor user station
1 Chief RLT2 large FIT tilt wall mount
1 Chief TS525TU large THINSTALL dual swing arm wall display mount 25" extension
1 Evertz CP-1040E intelligent control panel
1 LG 31MU97-B 31" screen LED-lit monitor
1 Mackie 402VLZ4 audio mixer
1 NEC V463 46" LED HD display
6 Samsung S22C200B LED 22" widescreen flatpanels
1 Wohler AMP2A-10S audio monitor

**EDIT 1**
1 Diversified custom connector panel
1 Evertz CP-1000E intelligent control panel
5 Intel X520-SR2 Ethernet converged network adapters
1 Mackie 402VLZ4 audio mixer

**EDIT 2, EDIT 3, EDIT 4 (EACH)**
1 Diversified custom connector panel
1 Evertz CP-1000E intelligent control panel

**MISC.**
4 ADC PPP1248-E3-NN-S programmable audio panels
4 ADC PPP-15-CHAS-KIT designation kits
50 ADC audio patch panels
   Belden 2 conductor speaker cables, 10g, 12g
   Laguna Designs custom AV furniture
   w/accessories
11 Middle Atlantic MRK-4436LRD 36"D, 44RU
   racks, w/accessories
   Pro Co 8 pair 13 gauge, 1 pair 10 gauge wires
   Pro Co connectors

List is edited from information supplied by
Diversified Systems.