



LYON 6/B6 HD

2091 Arlingate Lane, Columbus, OH 43228

614-297-0001

www.lyonvideo.com

Lyon 6 Stand Alone and Dual Feed Capable

GAMERAS & LENSES

- 10 GV LDX 80 Elite Cameras
- 2 GV LDX 86 Extreme Camera – 4k/6X SSmo w/ Fiber Base Stations
- 14 GV 3G SM Fiber/Triax Base Stations
- 7 GVG Super XPanders w/7" Viewfinders
- 2 Fujinon 101x.9.3 HD Lens
- 2 Fujinon 88x8.8 HD Lenses
- 3 Fujinon 72x9.3 HD Lens
- 4 Fujinon 22x7.8 Zoom Lenses
- 1 Fujinon 12x4.5 Wide Angle Lenses
- 7 Vinten Vector 70 Pan Heads
- 2 Vinten 250 Pan Heads/Tripods
- 2 Vinten 100 Pan Heads/Tripods
- 2 LPS Cameras

Wired for 16 CCU's

SWITCHING & EFFECTS

GVG Kayenne Elite 3G K-Frame HD Production Center

- 7 M/E, 90 Inputs, 48 Outputs
- 42 Keyers, 32 GB of Image Store cache
- 84 Channels of 2D DPM
- 20 Channels of iDPM/eDPM w/Kurl & Spektra
- 32 Chromatte Floating Chroma Keyers
- ME View enabled
- Double Take Split M/E Mode
- FlexiKey

RECORDING & PLAYBACK

- 5 EVS HD LSM-XT3 12 Channel Video Servers
- 1 SSMO LSM, 2 LSM, 1 RO, 1 Spotbox
- Lance TDC 100 DDR Controller
- 2 EVS Xfile 3
- 1 EVS XHub 3's
- 1 Cisco 10/Gigabyte Ethernet Switch
- 1 Panasonic HD1800 DVC Pro HD VTR's
- 2 DVD Recorder/Players
- 1 Panasonic P2 Player

GRAPHICS

- Fox Sports supplied Viz RT
- Chyron Duet Hyper X3
- MS Word, MS Excel, Photoshop
- 500 Gb Boot Drive, 4-500 Gb SATA Raid Drives
- DVDR, WFTP, Lyric 6 through 8.7
- For A - HVW 500 HS HD Telestrater
- Via Fiber KVM - 1 Single Mode Fiber
- Available at additional cost

OUTBOARD MONITORS

- 10 -15" LCD Color Monitors
- 1 Leitch HD Star LCD Test Monitor

TRAILER DIMENSIONS

- Working dimension 57'long x 22'Wide
- 78' Overall Length, 80,000# GVW w/Truck

TERMINAL EQUIPMENT

- Evertz EQX 3G Video Router
- 268 x 812 3G HD SDI Video Router
- 268x236 baseband 3G HD SDI
- Includes:
 - 96 16 Ch. Audio De-embedding
 - 96 16 Ch. Audio Embedding
 - 576 X-link Outputs
- 26 Evertz 288VIP-X 16x2 Multiviewers
- 2 Evertz VIP 12a Multiviewers
- Evertz EMR Audio Router
- 704x800 (Expandable to 8192x8192)
- Includes:
 - 512x512 MADI
 - 96x96 Mono AES
 - 96x192 Mono Analog
- 24 Evertz CP-2272E Control Panels
- 72 LCD Buttons w/Dual Small LCD's
- 11 Evertz 40 button control panel
- 18 Evertz 16 button control panel
- Evertz Magnum Control System
- 1 Harris X-50 TX Proc Amp
- 3 AJA FS-2 TX Proc Amp
- AES Audio Embedding
- 18 Evertz 7710 Up/Down/Cross Converters
- 10 w/AES Embedding
- 10 w/AES De-Embedding
- 1 For A FA-505 5-Channel Signal Proc
- 4 Evertz 7710 Up Converters
- 16 Evertz Analog to SDI Upconverters
- 73 Evertz Downconverting DA's
- 2 Evertz Sync Generators w/Changeover Switch
- 4 Sony PVM1741 OLED Video Shading Monitors
- Harris & Tektronix Rasterizers & Scopes

COMMUNICATIONS

- 160x160 RTS Adam Matrix Intercom System
- 88 4 wire ports
- 64 Channels RTS Omneo
- 8 Rvon Channels
- 14 RTS KP 32 Intercom Stations
- 8 RTS KP12 Intercom Stations
- 8 RTS MKP4/MCS-325 Intercom Stations
- 6 RTS SSA 424 for 12 2 wire powered ch.
- RTS 828 High Power IFB Power Supplies (16 IFB)
- 4 RTS TIF-2000 Telephone Interfaces
- 2 Telos Link
- 1 Telos One Digital Hybrid
- 4 Analog "QKT" Phone Couplers
- 20 RTS BP325 Intercom Belt Packs
- 14 RTS 4030 IFB Belt Packs
- 20 Telex PH88 Light Weight Headsets
- 26 Beyer DT108 Single Muff Headset
- 13 Beyer DT109 Dual Muff Headsets
- 6 Motorola Two Way Portable Radios
- 2 Motorola Base Units with RTS Interface

AUDIO

- Calrec Alpha 100 Bluefin Digital Audio Console
- 72 Faders, 128 Mic-Line In x 128 Line Outs
- 80 AES In x 80 AES Out, 480 DSP Channels
- 256 x 256 Mono MADI Channels
- 4 Stereo or 5.1 Main Outs
- 20 Mono or 10 Stereo Auxiliary Outs
- 8 Stereo Groups
- 48 Multi-Tracks Outs
- 2 Daysequerra Down Mix Encoders
- 2 Daysequerra Up Mix Decoders
- 2 Daysequerra Mono2Stereo
- 1 Daysequerra ILM 8 Loudness Meter
- 4 DBX 166A Stereo Compressor/Limiters
- 6 DBX 160A Compressor/Limiters
- DK Audio Phase Monitor
- 2 360 Systems DigiCart E (1 w/SD Card Reader)
- Denon CD Player
- Genelec Speakers in Audio & Production
- Wohler Speaker Stations throughout
- 2 Fostex Speakers

MICROPHONES

- 6 Sennheiser HMD-25 Announcer Headsets
- 6 Daltec Talk Back Boxes
- 7 Sony ECM-77b Lavalier Microphones
- 6 Audio Technica AT835st Stereo Shotgun Mic
- 6 Shure VP64 Microphones
- 6 Sennheiser MD46 Microphones
- 6 Sennheiser MHK70 Shotgun Microphones
- 6 Sennheiser MHK416 Shotgun Microphones
- 6 Sound Devices MM1 Mic to Line Amps

CABLE

- 7000' Triax, 675' SMPTE
- 3 - 150' 6 Wire Triax Looms
- 4000' DT12 Audio Mult
- 1000' 6 Pair Audio Snake
- 500' 2 Pair Audio Snake
- 4 - 125' 10 Wire Coax Looms
- 3 - 250' TAC12, 4 - 250' TAC6

TELEPHONE

- Avaya IP 500 12 Line Phone System
- 20 Telephone Fixtures

MISCELLANEOUS

- 2 - 3 Fixture LED Bi-Color Lighting Kits

POWER REQUIREMENTS

- Three Phase, 190-280 Volts, 200A/Leg
- 200' Feeder Cable per mobile unit

**** SOME EQUIPMENT MAY NOT TRAVEL WITH MOBILE UNIT ON A FULL TIME BASIS****

rev. 8/15/17

B6 Dual Feed Capability/Equipment**CAMERAS & LENSES**

- 4 GV LDK8000 Elite Cameras
- 4 GV 3G SM Fiber/Triax Base Stations
- 3 GVG LDK Super XPanders w/7" Viewfinders
- 3 Fujinon 72x9.3 HD Lens
- 2 Fujinon 22x7.8 Servo Zoom Lenses
- 3 Vinten Vector 70 Pan Heads
- 2 Cartoni Pan Heads/Tripods

SWITCHING & EFFECTS**GVG Kayenne Elite 3G K-Frame HD Production Center**

- 3 M/E Control Panel, Touch screen menu
- Shared resource pool includes:*
- 32 GB of Image Store cache
- 42 Keyers
- 84 Channels of 2D DPM
- 20 Channels of iDPM/eDPM w/Kurl & Spektra
- 32 Chromatte Floating Chroma Keyers
- Double Take Split M/E Mode
- FlexiKey
- ME View enabled
- No Set Def /Match Def Enabled

RECORDING & PLAYBACK

- 1 EVS HD LSM-XT3 12 Channel Video Server
- LSM - configured as 2 - 6ch LSM, 2 controller
- 1 EVS Spotbox w/2 outputs from Lyon 6
- 12ch XT3 Spotbox
- Lance TDC 100 DDR Controller
- 1 EVS Xfile 3 w/USB3.0
- 1 Gigabyte Ethernet Switch
- 1 P2 Player
- 2 DVD Recorder/Players

GRAPHICS

- 8 HD-SDI connections for:
 - Fox Sports supplied Viz RT
 - Fox Sports supplied Fox Box
- For Duet see Lyon 6 specifications remoted to B6 via KVM*
- For A - HVW 500 HS HD Telestrater
- Via Fiber KVM- 1 Single Mode Fiber
- Available at additional cost*

OUTBOARD MONITORS

- 6 -16" LCD Color Monitors
- 2 - 20" LCD Color Monitors
- 1 Leitch HD Star LCD Test Monitor

TRAILER DIMENSIONS

- 57'long x 17' wide working dimensions
- 78' Overall Length, 80,000# GVW w/truck

TERMINAL EQUIPMENT

- Shared router with Lyon 6:*
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- 268 x 812 3G HD SDI Video Router
- 268x236 baseband 3G HD SDI
- Includes:
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 - 576 X-link Outputs
- 26 Evertz 288VIP-X 16x2 Multiviewers
- 2 Evertz VIP 12a Multiviewers
- Evertz EMR Audio Router
- 704x800 (Expandable to 8192x8192)
- Includes:
 - 512x512 MADI
 - 96x96 Mono AES
 - 96x192 Mono Analog
- Up to 16 HD-SDI Feeds from B6 to Lyon 6*

B6 Router control:

- 10 Evertz CP-2272E Control Panels
- 72 LCD Buttons w/Dual Small LCD's
- 1 Evertz 40 button control panel
- 6 Evertz 16 button control panel
- Evertz Magnum Control System
- 2 Sony PVM2541 OLED Video Shading Monitor
- Harris & Tektronix Rasterizers & Scopes

COMMUNICATIONS

- Shared Intercom with Lyon 6:*
- 160x160 RTS Adam Matrix Intercom System
- 80 4 wire ports
- 64 Channels RTS Omneo
- 8 Rvon Channels

B6 Equipment:

- Key Panels via RTS Omneo-*
- 10 RTS KP 32 Intercom Stations
- 3 RTS KP12 Intercom Stations
- 3 RTS TIF-2000 Telephone Interfaces
- 4 JK Audio Inn Keeper 4 phone coupler
- 2 Telos Link
- 6 RTS BP325 Intercom Belt Packs
- 6 RTS 4030 IFB Belt Packs
- 6 Beyer DT108 Single Muff Headset
- 6 Beyer DT109 Dual Muff Headsets
- 4 Two Way Portable Radios
- 2 Motorola Base Units with RTS Interface

AUDIO

- Calrec Omega Bluefin Digital Audio Console
- 56 Faders
- 96 Mic/Line in x 96 Line Outputs
- 32 AES in x 32 AES Outputs 160 DSP CH's
- 128 x 128 MADI Channels
- 2 Main Stereo outs (Stereo or 5.1)
- 20 Mono or 10 Stereo Auxiliary Outs
- 8 Stereo Groups, 48 Multi Track
- DK Audio Phase Monitor
- 1 - DBX 1046 compressor/limiter
- 2 - 360 Systems DigiCart E (1 w/SD Card Reader)
- CD Player
- Genelec Speakers in Audio & Production
- Wohler Speaker Stations throughout
- 3 Fostex Speakers

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- 6 Sennheiser HMD-25 Announcer Headsets
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- 4 Sony ECM-77b Lavalier Microphones
- 4 Audio Technica AT835st Stereo Shotgun Mic
- 6 Sennheiser MD46 Microphones
- 6 Electro Voice VP64 Microphone
- 6 Sennheiser MHK416 Shotgun Microphones
- 4 Sound Devices MM1 Mic to Line Amps

CABLE

- 1000' Triax Cable
- 1000' DT12 Audio Mult
- 1000' XLR Audio
- 1000' Coax Cable
- 4 - 175' 5 Wire Coax Looms

TELEPHONE

- Avaya IP 500 12 Line Phone System - 10 Fixtures

MISCELLANEOUS

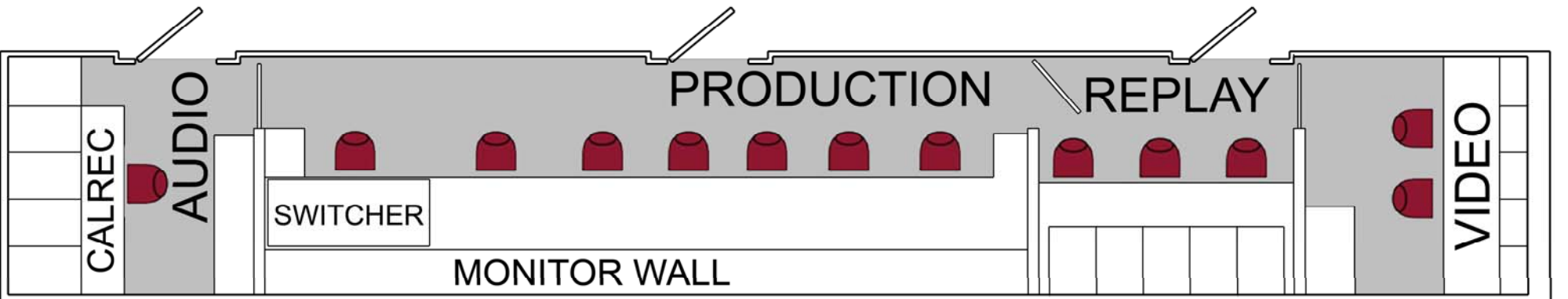
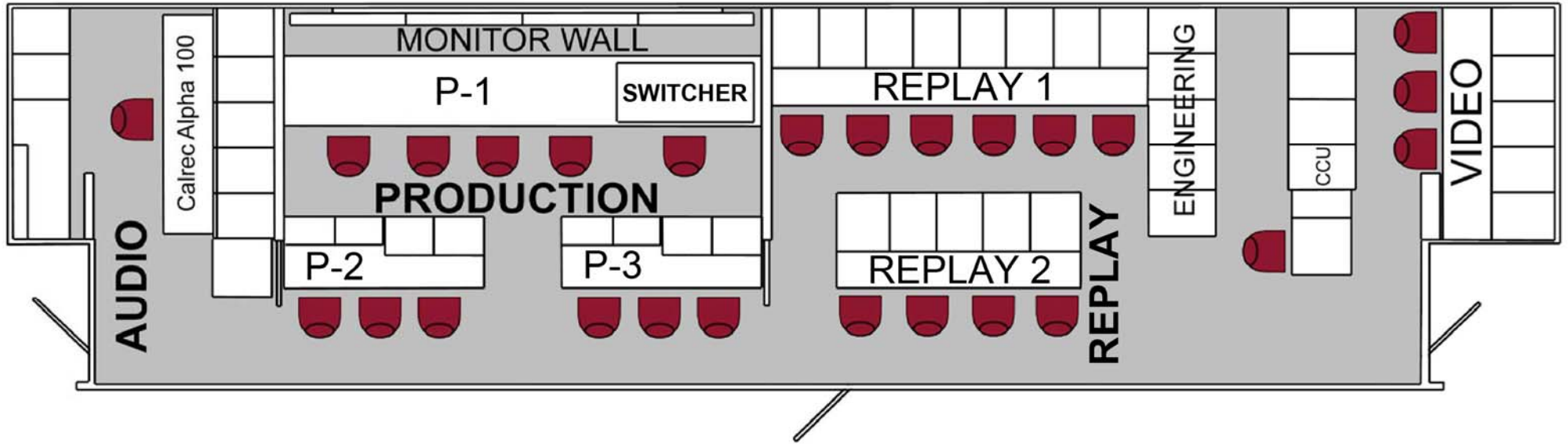
- 2 - 3 Fixture LED Bi-Color Lighting Kits
- 350' extension cords

POWER REQUIREMENTS

- Three Phase, 190-280 Volts, 200A/Leg
- 200' Feeder Cable per mobile unit

**** SOME EQUIPMENT MAY NOT TRAVEL WITH MOBILE UNIT ON A FULL TIME BASIS****

rev. 7/15/17



EVENT:

MU6 PRODUCTION MONITOR WALL



SWITCHER GI

MONITOR 1A				MONITOR 2A				MONITOR 3A				MONITOR 4A						
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
				12:00PM														
				12:00PM														
5	6	7	8	PROGRAM				5		6		PROGRAM		PREVIEW				
9	10	11	12	7	8	9	10		11		13		14		15		16	

MONITOR 9A (P2-CG)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102

MONITOR 5A				MONITOR 6A				MONITOR 7A				MONITOR 8A				
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	5
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73
74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124

MONITOR 9B (P3-BUG)		
1	2	3
4	5	6
7	8	9
10	11	12
13	14	15
16	17	18
19	20	21
22	23	24
25	26	27
28	29	30
31	32	33
34	35	36
37	38	39
40	41	42
43	44	45
46	47	48
49	50	51
52	53	54
55	56	57
58	59	60
61	62	63
64	65	66
67	68	69
70	71	72
73	74	75
76	77	78
79	80	81
82	83	84
85	86	87
88	89	90
91	92	93
94	95	96
97	98	99
100	101	102

SWITCHER INPUTS

SWITCHER OUTPUTS

IN	Default	Show Name	Operator	Source	IN	Default	Show Name	Operator	Source	IN	Default	Show Name	Operator	Source	IN	Default	Show Name	Operator	Source
1	CAM 1				25	EVS 2A				49	FS 9				73	BLACK			
2	CAM 2				26	EVS 2B				50	FS 10				74	BLACK			
3	CAM 3				27	EVS 3A				51	FS 11				75	BARS			
4	CAM 4				28	EVS 3B				52	FS 12				76	BLACK			
5	CAM 5				29	EVS 4A				53	FS 13				77	BUG2 F			
6	CAM 6				30	EVS 4B				54	FS 14				78	BUG2 K			
7	CAM 7				31	EVS 5A				55	FS 15				79	BLACK			
8	CAM 8				32	EVS 5B				56	FS 16				80	BLACK			
9	CAM 9				33	EVS 5C				57	OG 1A F				81	BLACK			
10	CAM 10				34	EVS 5D				58	OG 1A K				82	OG 1A F			
11	CAM 11				35	EVS 6A				59	OG 1B F				83	OG 1A K			
12	CAM 12				36	EVS 6B				60	OG 1B K				84	OG 1B F			
13	CAM 13				37	EVS 7A				61	OG 2A F				85	OG 1B K			
14	CAM 14				38	EVS 7B				62	OG 2A K				86	OG 2A F			
15	CAM 15				39	EVS 8A				63	OG 2B F				87	OG 2A K			
16	CAM 16				40	EVS 8B				64	OG 2B K				88	OG 2B F			
17	CAM 17				41	FS 1				65	TELE F				89	OG 2B K			
18	CAM 18				42	FS 2				66	TELE K				90	BUG F			
19	CAM 19				43	FS 3				67	BUG F				91	BUG K			
20	CAM 20				44	FS 4				68	BUG K				92	TELE F			
21	CAM 21				45	FS 5				69					93	TELE K			
22	CAM 22				46	FS 6				70					94	RTR FEED			
23	CAM 23				47	FS 7				71					95	BLACK			
24	CAM 24				48	FS 8				72					96	BARS	BARS		

OUT		OUT	
1	AUX 1	25	ME 2 A
2	AUX2	26	ME 2 Pa
3	AUX 3	27	ME 2 C
4	AUX 4	28	ME 2 D
5	AUX 5	29	ME 3 A
6	AUX 6	30	ME 3 Pa
7	AUX 7	31	ME 3 c
8	AUX 8	32	ME 3 D
9	IS-1	33	PRESET
10	IS-2	34	S2 PRESET
11	IS-3	35	S2 ME 1 CLN
12	IS-4	36	S2 ME 2 CLN
13	IS-5	37	Pg A
14	S2 IS-6	38	PgPA
15	S2 IS-7	39	Pg B
16	S2 IS-8	40	CLEAN
17	S2 IS-9	41	Pg D
18	S2 IS-10	42	S2 Pg A
19	EDPM A	43	S2 PgPA
20	EDPM C	44	S2 Pg C
21	ME 1 A	45	S2 ME 1A
22	ME 1pA	46	S2 ME1 Pa
23	ME 1 C	47	S2 ME 2 A
24	ME 1D	48	S2 ME 2 Pa

>SWITCHER OUT 33 IS CLEAN

MU 6 TAPE MONITOR WALL

EVENT: _____

10				11				12				13			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
5	6	7	8	5	6	7	8	5	6	7	8	5	6	7	8
9	10	11	12	9	10	11	12	9	10	11	12	9	10	11	12

DDR: _____
(KVM8)

DDR: _____
(KVM9)

DDR: _____
(KVM10)

DDR: _____
(KVM13)



TAPE ROOM AUDIO- NEEDS VIDEO SIGNAL
TO EMBED THE AUDIO

14				15			
1	2	3	4	1	2	3	4
5	6	7	8	5	6	7	8
9	10	11	12	9	10	11	12

DDR: _____
(KVM LT)

DDR: _____
(KVM CTR)

DDR: _____
(KVM RT)

DDR	SHOW NAME	OPERATOR
1A		
1B		
1C		
2A		
2B		
2C		
3A		
3B		
3C		
4A		
4B		
4C		
5A		
5B		
5C		

DDR	SHOW NAME	OPERATOR
6A		
6B		
6C		
7A		
7B		
7C		
8A		
8B		
8C		
9A		

EVENT: _____



B6 PRODUCTION MONITOR WALL

SWITCHER GPO	
GPO 5	
GPO 6	
GPO 7	
GPO 8	

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MONITOR 4 (VP23B)				MONITOR 5 (VP24A)					MONITOR 6 (VP25A)					
				12:00PM										
1	2	3	4	1	2	3	4	5	5	6	7	8	9	
12:00PM									PROGRAM		PREVIEW			
		5	6									10	11	12
7	8	9		6			7		13	14	15	16		

MONITOR 1 (VP22A)			MONITOR 2 (23A)			MONITOR 3 (VP22B)			MONITOR 7 (VP26A)				MONITOR 8 (VP27A)				MONITOR 9 (VP28A)								
		12:00PM																							
1	2		1	2		1	2		1	2	3	4	1	2	3	4	1	2	3	4	5				
3	4	5	3	4	5	3	4	5	5	6	7	8	5	6	7	8									
6	7	8	6	7	8	6	7	8	9	10	11	12	9	10	11	12	16								

SWITCHER INPUTS

IN	Default	Show Name	Operator	Source	IN	Default	Show Name	Operator	SHOW	IN	Default	Show Name	Operator	SHOW				
1	CAM 1				25	EVS 1A			S1 MO 49	FS 3				73	VTR F			
2	CAM 2				26	EVS 1B			S1 MO 50	FS 4				74	CG 3A F			S2 VIZ
3	CAM 3				27	EVS 2A			S1 RO 51	FS 5				75	CG 3A K			S2 VIZ
4	CAM 4				28	EVS 2B			S1 RO 52	FS 6				76	CG 3B F			S2 VIZ
5	CAM 5				29	EVS 3A			S1 LSM 53	FS 7				77	CG 3B K			S2 VIZ
6	CAM 6				30	EVS 3B			S1 LSM 54	FS 8				78	BUG 3 F			S2 BUG
7	CAM 7				31	EVS 4A			S1 LSM 55	FS 9				79	BUG 3 K			S2 BUG
8	CAM 8				32	EVS 4B			S1 LSM 56	FS 10				80	TELE 2 F			S2 TELE
9	CAM 9				33	EVS 5A			S1 SPOT A 57	FS 11				81	TELE 2 K			S2 TELE
10	CAM 10				34	EVS 5B			S1 SPOT B 58	FS 12				82	CG 1A F			DUET
11	CAM 11				35	EVS 5C			S1 SPOT C 59	FS 13				83	CG 1A K			DUET
12	CAM 12				36	EVS 5D			S1 SPOT D 60	FS 14				84	CG 1B F			DUET
13	CAM 13				37	EVS 6A			S2 LSM 61	FS 15				85	CG 1B K			DUET
14	CAM 14				38	EVS 6B			S2 LSM 62	FS 16				86	CG 2A F			S1 VIZ
15	CAM 15				39	EVS 7A			S2 LSM 63	FS 17				87	CG 2A K			S1 VIZ
16	CAM 16				40	EVS 7B			S2 LSM 64	FS 18				88	CG 2B F			S1 VIZ
17	CAM 17				41	EVS 8A			S2 RO 65	FS 19				89	CG 2B K			S1 VIZ
18	CAM 18				42	EVS 8B			S2 RO 66	FS 20				90	BUG F			S1 BUG
19	CAM 19				43	EVS 8C			S2 SPOT A 67	FS 21				91	BUG K			S1 BUG
20	CAM 20				44	EVS 8D			S2 SPOT B 68	VTR A				92	TELE F			S1 TELE
21	CAM 21				45	CS 1			S2 SPOT C 69	VTR B				93	TELE K			S1 TELE
22	CAM 22				46	CS 2			S2 SPOT D 70	VTR C				94	RTR			
23	CAM 23				47	FS 1				71	VTR D			95	BLACK	TRK BLACK		
24	CAM 24				48	FS 2				72	VTR E			96	BARS	BARS		

SWITCHER OUTPUTS

OUT		OUT	
1	AUX 1	25	ME 2 A
2	AUX 2	26	ME 2 Pa
3	AUX 3	27	ME 2 C
4	AUX 4	28	ME 2 D
5	AUX 5	29	ME 3 A
6	AUX 6	30	ME 3 Pa
7	AUX 7	31	ME 3 c
8	AUX 8	32	ME 3 D
9	IS -1	33	PRESET
10	IS-2	34	S2 PRESET
11	IS-3	35	S2 ME 1 CLN
12	IS-4	36	S2 ME 2 CLN
13	IS-5	37	Pg A
14	S2 IS-6	38	PgPA
15	S2 IS-7	39	Pg B
16	S2 IS-8	40	CLEAN
17	S2 IS-9	41	Pg D
18	S2 IS-10	42	S2 Pg A
19	EDPM A	43	S2 PgPA
20	EDPM C	44	S2 Pg C
21	ME 1 A	45	S2 ME 1A
22	ME 1pA	46	S2 ME1 Pa
23	ME 1 C	47	S2 ME 2 A
24	ME 1D	48	S2 ME 2 Pa