

# 22639

## BOARD OF TRUSTEES OF COMMUNITY COLLEGE DISTRICT NO. 508 County of Cook and State of Illinois

### WYCC Infrastructure (TV) Digitalization Conversion

THE CHANCELLOR

REPORTS

That there is a need to approve acceptance of the State of Illinois Infrastructure (TV) Digitalization Grant for the WYCC HDTV/DTV Conversion. The grant provides \$814,400 per year starting fiscal year 2001 and ending in fiscal year 2003. The total grant amount is \$2,443,200.

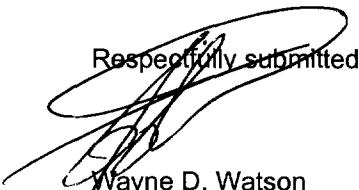
This grant will be utilized to purchase equipment in order to begin compliance with the FCC's mandate to transmit digital television format as given by the Advanced Television Systems Committee (ATSC), along with the current analog format National Television System Committee (NTSC), by May 1, 2003.

The entire cost of the digitalization compliance project is approximately \$12.6 million. Currently, other grants to complete this project are being researched.

RECOMMENDS

That the Board of Trustees approve the acceptance of the State of Illinois Infrastructure (TV) Digitalization Grant for the total amount of \$2,443,200.

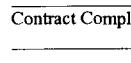
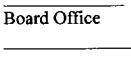
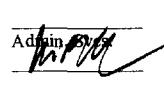
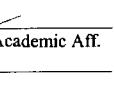
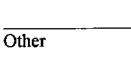
Respectfully submitted:

  
Wayne D. Watson  
Chancellor

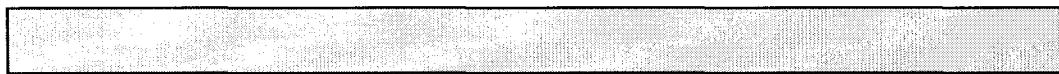
June 7, 2001

COLLEGE REVIEW: \_\_\_\_\_  
President \_\_\_\_\_  
REQ. NO. \_\_\_\_\_

CENTRAL OFFICE REVIEWS & DATES SIGNED:

Purchasing Date 	Contract Compl. 	Legal 	Board Office 
Finance Date 	Admin _____ 	Academic Aff. 	Other 

2639



# WYCC-TV CHANNEL 20

## WYCC HDTV / DTV CONVERSION PROJECT

*Prepared by:*

FLETCHER GARRETT, CSTE  
WYCC CHIEF ENGINEER

&

ED MENAKER

DIRECTOR, STRATEGIC PLANNING AND RESOURCE DEVELOPMENT

**2 May 2001**

# **WYCC HDTV / DTV CONVERSION**

*Prepared By:* **FLETCHER GARRETT, CSTE  
& ED MENAKER**

## **BACKGROUND**

WYCC-TV, channel 20 in Chicago is a PBS station owned and operated by the City Colleges of Chicago (CCC). WYCC's signal, from atop the Hancock Building, is broadcast to ethnically diverse viewing audience of more than 3.4 million homes in the Chicago metro market and ultimately more than 6 million homes in the four state region of Illinois, Indiana, Wisconsin and Michigan. Our purpose for broadcasting is to deliver unique educational programs that enrich our viewers. In order to continue this endeavor, the station must comply with the FCC's mandate to transmit the new digital television format as given by the ATSC, along with the current analog format (NTSC), by May 1, 2003. Thus, by the 2003 deadline, WYCC must be transmitting DTV on channel 21 and a NTSC signal on Channel 20 simultaneously (until 2006, the designated NTSC cut off date). The FCC has said that any station that does not comply with this mandate will ultimately have their broadcast license revoked. It must be stated that the FCC created the mandate for the public's good. To the public, this new digital format will revolutionize the television experience as they have known it.

## **BENEFITS OF DIGITAL TELEVISION**

Digital television will not only improve the entertainment value of the television, but it will also become a powerful medium that will inform and educate viewers. WYCC plans to utilize this technology to its fullest potential since our main objective is education. This task becomes much easier since the realistic images and sounds viewers receive are more vivid, and as such, have greater impact on their retention of viewed information. By using Digital television's ability to transmit data with the television signal, viewers will be able to access additional information on demand regarding subjects of interest via a printer that will be connected to the DTV home set. In addition, by using multicasting technology, which allows broadcaster's the ability to simultaneously broadcast four separate and independent programs on the same channel – which means that one channel 21 viewer could watch an educational telecourse on channel 21A while

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another can let her children watch a children's program on channel 21B. Thus, multicasting allows viewers options that are user selectable.

The benefits of Digital Television are not only limited to viewers, but it is beneficial to WYCC as a station as well. To achieve the benefits of HDTV / DTV, the basic DTV design plan is key. At WYCC we plan to utilize the same standard that all of the broadcast industry is using [MPEG-2 4:2:2 P@ ML]. In doing this, we will insure that programming is routed throughout our facility in almost the same fashion computer files are distributed. Of course the above example of distribution is too simplistic and cannot be directly applied to the demanding architecture of a broadcast facility. However, despite the stringent requirements of a broadcast facility, video systems will be networked together, albeit in a much more complex manner. WYCC will utilize a compressed system that is built for networking and flexible enough to be used with both analog and digital systems. Compression will insure that a peer-to-peer network is possible. The system will also be backwards compatible and able to play the broadcast industry's legacy format [Betacam SP]. Thus, our upgrade to the new system will not leave us isolated to other stations that still utilizes the Betacam SP format. Once the facility conversion is complete, and we start using this technology, we will be able to produce more, faster (which in turn speeds up the process from concept to completion). This will save WYCC time, money and resources thus making us efficient and effective in delivering program content.

### ESTIMATED COST OF CONVERSION

In order to be compliant with the FCC mandate, WYCC has been in the process of planning the needed infrastructure changes. We have already applied for our FCC DTV license and have been given channel 21 as our DTV channel. We have also initiated steps to insure that our conversion to digital is a smooth transition. However, WYCC, being a non-commercial educational station, is in need of massive DTV funding since it has no commercial sources of revenue.

Outside consultants who performed a Needs Analysis for WYCC have determined that our Digital Conversion will cost approximately \$10 million for our main facility (Master Control, Production and Post-Production) and we estimate that the transmission facility (Microwave Studio-to-Transmitter-Link, N+1 combined transmitter and N+1 Dual Adjacent Channel Antenna) will cost approximately \$2.6 million which equals a combined total of \$12.6 million. In regards to our studio facility, it is important to note that we are moving from our current location into the new Kennedy-King College that is being built on Chicago's south-side and will be ready for occupancy by WYCC-TV in 2003.

Thus, the State of Illinois funding is paramount to the WYCC conversion project – especially since (as of this date) congress has not appropriated funds that provide significant assistance to public stations throughout the country. The total of the three-year \$2.44 million of the state of Illinois appropriation being administered by the ICCB, will be used to fund the initial stages of the WYCC conversion – providing us a solid foundation for seeking further funding from other government and outside sources

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We have applied for a grant of \$2,643,400.00 from the Public Telecommunications Facilities Program (PTFP) to fund our transmission facility, such as our STL (microwave Studio to Transmitter Link), transmitter and broadcast antenna. Even if we are accepted as PTFP grant recipients, this does not cover other needed cost such as Master Control and Production conversion which is more expensive in comparison. As a result, even if we obtain the PTFP grant, other funding must be secured. Besides using our budgeted City College funds, we are pursuing any and all reasonable and qualified sources of funding.

Due to the intense planning, design work and funding needed, this time deadline is very short. As we move forward, the FCC's May 1, 2003 deadline is a constant reminder that time is literary "running out". After funding is approved, we still have to purchase equipment, according to City College of Chicago board rules, install the equipment as well as calibrate all systems.

The plan for WYCC's HDTV / DTV conversion has taken into account the immediate and future needs of the station. In doing so, we have created a cost effective, efficient plan that will insure that all systems are utilized to the full extent of their usefulness. With this conversion WYCC will be able to accomplish more, in less time and with a higher level of quality than in times past.

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**WYCC-TV CHANNEL 20**

**WYCC HDTV / DTV CONVERSION**  
**EQUIPMENT LIST**

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
<b>MCR CONTROL SWITCHER</b>					
30	5	SONY	BKBU2000	Isara Master Control A/V Processing Unit.	
40	5	SONY	BKBU2002	Isara Master Control Switcher Cuts Module	
50	1	SONY	BKBU2003	Isara Master Control Switcher Transition Module.	
60	1	SONY	BKBU2004	Isara Master Control Switcher System Module	
70	3	SONY	BKBU2005	Isara Master Control Switcher Control Module Chassis	
80	5	LIETCH	MGI370136	4:2:2 Motion Logo Generator w/ 36MB Memory	
90	5	LIETCH	370118	4:2:2 Video Capture Module w/ 18MB memory	
<b>MCR DME</b>					
110	2	SONY	DME3000LT	DME3000 PLUS BKDM3030/40/50/60	
120	2	SONY	BKDM7020	DIGITAL INPUT/OUTPUT BOARD	
130	2	SONY	BZDM3020	OPERATIONAL SOFTWARE	
140	2	SONY	BKDM3010	STAND ALONE CONTROL PANEL	
150	2	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD	
160	2	SONY	CPDG200	17" FD TRINITRON	
<b>MCRVIDEOTAPE</b>					
180	1	SONY	TBD	U-MATIC VIDEO TAPE MACHINE	PFE
190	8	SONY	PVM97	9" MONOCHROME MONITOR	
200	4	SONY	MB520	MOUNTING BRACKET	
210	3	SONY	SSM8040	8" COLOR SECURITY MONITOR	
220	3	SONY	SSM930	SECURITY 9 INCH B/W MONITOR	
230	3	SONY	MB900	RACK MOUNT FOR SSM930	
240	4	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
250	1	SONY	BKSR3210	X-Y CONTROL UNIT	
260	5	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
270	1	VIDEOTEK	RS12DV	12x1 Serial Digital Routing Switcher	
280	2	SONY	SVO9600	S VHS RECORDER	
290	2	SONY	RMM980	Rack Mount Kit	
300	2	GAINES	642	2-Ch. Balanced Line Interface [RCA/XLR]	
310	2	GAINES	1752	Long Rackmounting Ears	
320	4	WOHLER	VM4	1RU 4-Channel Analog Confidence Monitor	
330	3	SONY	DNWA65	DIGITAL VIDEOCASSETTE PLAYER	PFE
340	3	SONY	RMM111	RACK MOUNT KIT	
350	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	
360	1	SONY	RMM111	RACK MOUNT KIT	
370	2	WOHLER	AMP2SDA	2RU AES/EBU Digital Audio Monitor	
380	1	BLACK BOX	SR001A	Mini Rackmount Chassis	
390	3	BLACK BOX	SR030	ABC-DB9 D-Series Switch	
<b>HDVIDEOTAPE</b>					
410	1	SONY	HDWM2000	HDCAM Studio VTR w/Built in Down Converter	
420	1	SONY	RMM131	Rack Mount for HDCAM Tape Machine	
430	1	SONY	PHM14M8U	16x9 Signal Viewing Monitor	
440	1	SONY	MB502B	Rack Mount Kit for 13" PVM B&W and Color Monitors	
450	1	SONY	SLR102	Rack Slide Kit for MB-503 (Pro Video)	
460	1	SONY	HDWM2100	HD/SD Multiformat player	
470	1	SONY	RMM130	Rack Mount for UVW Betacam Tape Machine	
480	3	SONY	BKM41HD	HD SDI input card for BVMD series monitor	
490	1	SONY	BVMD20F1U	20" Multiformat Monitor	
<b>MCR VIDEO SERVER</b>					

## Equipment List

ITM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
510	6	SONY	MAV70/36	SERVER UNIT 36G	
520	6	SONY	BKMA7020	SDI/ANALOG ENCODER BOARD	
530	12	SONY	BKMA7030	SDI/ANALOG DECODER BOARD	
540	6	SONY	BKMA7040	FIBRECHANNEL PORT BOARD	
550	6	SONY	BKMAPS70	REDUNDANT POWER SUPPLY UNIT	
560	6	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD	
570	6	SONY	BKMA7045	Gigabit Network Interface Board	
580	6	INTEL-BASED	WORKSTATION	P3-600 (Or Greater) and 512 MB RAM	
590	6	RED HAT	DELUXE 7.0	Deluxe Workstation 7.0	
600	6	ADAPTEC	AHA-2940U	SCSI Board	
610	6	SYSKONNECT	SK-NET GE-SX	Gigabit Ethernet Board	
620	6	ALLIED TELESY	AT-GS904SX	1000 BaseT Switching Hub	
<b>MCR CHARACTER GENERATOR</b>					
640	1	PINNACLE	211002ND	FX Deko Digital 2 Channel System	
650	1	PINNACLE	DEKOAUTN	Deko Automation Software	
660	1	PINNACLE	DEKOSTILLN	StillDeko Option	
670	1	PINNACLE	DEKOKBDN	Deko Fast Action Keyboard	
680	1	PINNACLE	151022RK	LIGHTNING 22-29 INCH RACK SLIDES	
690	1	MICROSOFT	INTELLIMOUSE	INTELLIMOUSE W/INTELLIEYE	
700	1	IOMEGA	31191	JAZ 2GB EXT SCSI DRV NEW DSGN	
710	2	IOMEGA	10598	JAZ 2GB DISK MAC 3-PK	
720	1	IOMEGA	10599	Single Jazz 2GB Disk Preformatted	
730	1	MGE	84014R	PULSAR ESV+RACK MOUNT 1400W UPS	
740	1	EPSON	E1600PRO	EXPRESSION PROOF SCANNER	
<b>MCR AUTOMATION SYSTEM</b>					
760	1	LOUTH	L1001A	ADC DEVICE SERVER	
770	1	LOUTH	L1002A	Backup ADC Device Server	
780	1	LOUTH	L1003A	Transfer Switch Panel up to 16 Devices	
790	2	LOUTH	C100008P	GPI/SWITCH ONLY SOFTWARE	
800	8	LOUTH	C100004	LOUTH INTELLIGENT RS422 QUAD SERIAL BRD	
810	1	LOUTH	L1101A	ADC AIR STATION-PENTIUM DESKTOP PC	
820	1	LOUTH	L1102A	LCP-20 AIR STATION CONTROL PANEL	
830	1	LOUTH	L1201A	DATABASE FILE SERVER, DESKTOP PC	
840	1	LOUTH	E100001	TRANSLATOR, TRAFFIC TO PLAYLIST TRANSLTN	
850	1	LOUTH AUTOMATION	V003008	12-Node 100Base-T Network Hub	
860	2	LOUTH	D100001	VTR, SONY(1",BETACAME RS422 ONLY)	
870	1	LOUTH	D100011	Flexicart Interface	
880	3	LOUTH	D100155	MAV-70 Device Interface per stream	
890	1	LOUTH	D100260	MCR Switcher Interface for Sony DCSM1000C	
900	4	LOUTH	D100261	MCR Switcher extra Channels for Sony DCSM1000C	
910	1	LOUTH	D100372	Sony Router Interface (64x64)	
920	1	LOUTH	D100513	Device Interface Chyron Maxine	
930	1	LOUTH	L2401A	ADC MEDIA STATION,BASE SYS DESKTOP PC	
940	1	LOUTH	S240001	SINGLE SPOT TAPE/DISC MANAGEMENT	
950	1	LOUTH	S240003	MULTI SEGMENT TAPE TIMING/TRANSFER MNGMT	
960	1	LOUTH	L2402A	LCP-24 TRANSPORT CONTROL PANEL W/I/F CBL	
970	1	LOUTH	S240004	BARCODE INTERFACE KIT	
980	1	LOUTH	S100120	Auto Record	
990	1	LOUTH	S100121	Auto Compile	
1000	1	LOUTH	D100001	ADC-100 Interface for Sony Protocol VTR	

## Equipment List

ITM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
1010	8	LOUTH	D100155	Video File Server Sony MAV-70 per Stream	
1020	1	LOUTH	D100600	Device Interface 360 System	
1030	1	LOUTH	S240005	Barcode Reader Module	
1040	4	MICROSOFT/LOUTH	V007008	Windows NT Workstation 4.0 Single User	
1050	1	LOUTH AUTOMATION	V0101A	PC Wand Model 300 Series w/Wand Scanner	
<b>MCR AUDIO SOURCES</b>					
1070	1	360 SYSTEMS	D2730	DigiCart/II Plus Recorder	
1080	1	360 SYSTEMS	RS12	4RU Rack Shelf for one or two DigiCarts	
1090	2	DORROUGH	40A2	Analog Audio Loudness Meter	
1100	1	DORROUGH	40D	Dual Rackmount for 40 Series Meters	
1110	1	SONY	BKPF206	A/V DEMULTIPLEXER BOARD	
<b>MCR AUDIO &amp; VIDEO MONITORING</b>					
1130	2	TEKTRONIX	WFM601A	Serial Component Waveform Monitor	
1140	1	TEKTRONIX	WFM601M	Serial Component Measurement Set & Waveform	
1150	1	TEKTRONIX	764	AES/EBU DIGITAL AUDIO MONITOR	
1160	5	TEKTRONIX	1700F05	Dual Rack Mount Kit	
1170	4	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)	
1180	4	SONY	MB502B	MOUNTG BRACKET FOR 14' MONITOR	
1190	4	SONY	PVM14M4U	14" COLOR MONITOR	
1200	4	SONY	MB502B	MOUNTG BRACKET FOR 14' MONITOR	
1210	4	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)	
1220	16	SONY	SSM930	SECURITY 9 INCH B/W MONITOR	
1230	10	SONY	MB900	RACK MOUNT FOR SSM930	
1240	6	SONY	SSM930	SECURITY 9 INCH B/W MONITOR	
1250	3	SONY	MB900	RACK MOUNT FOR SSM930	
1260	6	SONY	PVM8042Q	COLOR VIDEO MONITOR	
1270	3	SONY	MB520	MOUNTING BRACKET	
1280	4	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
1290	2	SONY	BKSR3210	X-Y CONTROL UNIT	
1300	1	SONY	BKPF132B	Serial Digital to NTSC Encoder Board	
1310	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor	
1320	1	MIDDLE ATLANTIC	U2	2RU Heavy-Duty Rack Shelf	
1330	2	SONY	PVM20M4U	19" COLOR MONITOR	
1340	1	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)	
1350	3	SONY	SLR103A	MONITOR SLIDE RAIL	
1360	1	MIDDLE ATLANTIC	AS322	3RU Heavy-Duty Vented Rack Shelf	
1370	1	SONY	PVM8042Q	COLOR VIDEO MONITOR	
1380	2	SONY	PVM97	9" MONOCHROME MONITOR	
1390	2	SONY	MB507//A	BPPG MONITOR MOUNTING BRACKET	
1400	1	SONY	BKSR3206	DESTINATION CONTROL UNIT	
1410	1	SONY	BKSR3206	DESTINATION CONTROL UNIT	
1420	4	WOHLER	AMP2VSD	2RU MONITOR SPEAKER SYSTEM	
1430	2	OMNIMOUNT	50WABLACK	[Wall to Back] Speaker Mount [Black]	
1440	1	CROWN	D75A	Dual Channel Audio Amplifier	
1450	2	ELECTROVOICE	SENTRY100A	Audio Monitor Speaker, Non-Powered	
<b>HD VIDEO &amp; AUDIO MONITORING</b>					
1470	1	SONY	BVMD141U	BVM "D" Series Monitor	
1480	1	SONY	BKM41HD	HD SDI input card for BVMD series monitor	
1490	1	SONY	BKM31E14	Rack Mount and Slide Rail Kit for BVM-14x1U Series	
1500	2	SONY	BVMD20F1U	HD/SD Reference Monitor	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
1510	2	SONY	BKM20D	422 Digital Adapter	
1520	1	SONY	BKM10R	Control Panel	
1530	2	SONY	BKM142HD	HD Input Board	
1540	2	SONY	BKM30E20	Rack Rail	
1550	2	SONY	MB510G//A	Rack Ears for BKM10R Control Panel	
1560	2	SONY	BVND9H1U	9" BVM "D" Series Monitor	
1570	1	SONY	MB520	Rack Mount Kit for 5" and 8" Monitors	
1580	1	SONY	PVM136	14" MONOCHROME MONITOR	
1590	1	TEKTRONIX	WFM1125	WFM1125 Digital Waveform Monitor	
1600	1	TEKTRONIX	1700F05	Dual Rack Mount Kit	
1610	1	TEKTRONIX	1700F06	Blank Filler Panel for 1700F05	
1620	1	DORROUGH	40A2	Analog Audio Loudness Meter	
1630	5	TANNOY	System 800AShield	Shielded Active Dual Concentric Reference Monitor	
1640	1	TANNOY	PS350B	Shielded Active 15" Subwoofer	
<b>MCR SATELLITE RECEIVERS</b>					
1660	9	TBD	TBD	Satellite Receiver	PFE
1670	9	Leitch	DFS3005	Digital Frame Sync	
1680	2	Leitch	3005RP	Control Panel	
1690	2	SONY	BKPF205	AV MULTIPLEXER BOARD	
1700	9	SONY	SSM930	SECURITY 9 INCH B/W MONITOR	
1710	5	SONY	MB900	RACK MOUNT FOR SSM930	
<b>CAMERA SHADING</b>					
1730	10	SONY	PVM97	9" MONOCHROME MONITOR	
1740	5	SONY	MB520	MOUNTING BRACKET	
1750	4	SONY	BVM14F1U	14" (13" V) 800 TVL G1 Display Unit	PFE
1760	4	SONY	BKM31E14	RACK MOUNT KIT	PFE
1770	2	SONY	BKM10R	Monitor Control Unit	PFE
1780	1	SONY	MB510G/A	EIA Rack Mount	PFE
1790	4	SONY	BKM24N	NTSC Input Adapter	PFE
1800	4	SONY	BKM20D	4:2:2 DIGITAL ADAPTER	PFE
1810	1	SONY	BKM14L	Auto Set-up	PFE
1820	4	SONY	BKM12Y/US	Memory Card	PFE
1830	1	SONY	PFVD300	DIGITAL VIDEO INTERFACE UNIT	
1840	1	SONY	BKPFPS300	BACK UP POWER SUPPLY UNIT	
1850	4	SONY	BKPF101CB	A/D CONVERTER BOARD	
1860	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
1870	2	SONY	BVSV1201	12x1 Analog Video Preview Switcher	
1880	1	WOHLER	AMP1A	1RU Powered Monitor Speaker System	
1890	2	SONY SIC	SIC00436	Mini-Triax Patch System incl. Patch Cords	
<b>MCR STATUS TALLY SYSTEM</b>					
1910	1	TALLY DISPLAY	RTDS	Router Software Interface	
1920	2	TALLY DISPLAY	PSIF	Parallel to Serial Tally Interface	
1930	1	TALLY DISPLAY	EDITOROPTION	Graphics Software	
1940	1	TALLY DISPLAY	VLD6	6-Channel Video Monitoring System	
1950	1	TALLY DISPLAY	AMPLED	3-Channel Audio Monitoring System	
1960	1	TALLY DISPLAY	CM1	Connector Module	
1970	8	TALLY DISPLAY	CVT1	RS-232 to RS-485 Converter/Splitter	
1980	24	TALLY DISPLAY	LMS1009DYNAMIC	Dual 9-Character Tri-Color Dynamic UMD	
1990	6	TALLY DISPLAY	LMS1013DYNAMIC	13-Character Tri-Color Dynamic UMD	
2000	6	SONY	BKBU-1001	Dynamic Under Monitor Display	

## Equipment List

ITM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
2010	2	SONY	BKBU-1004	UMD Power Supply Module	
		<b>MCR RACKS &amp; CONSOLES</b>			
2030	20	APW	O162b001	45RU Cabinet Assembly [ Black ]	
2040	20	APW	O162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
2050	20	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
2060	20	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
2070	120	APW	ALB78	Aluminum Lacing Bars 78" H	
2080	20	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
2090	20	APW	HINGEKT	Hinge Kit, For Pioneer Door	
2100	6	APW	T3SP7830	Side Panel, Set of 2	
2110	1	EASTBOARD CONSOLES	34280004	Master Control Console (11 Bay w/ rack space below 8 bay	
2120	1	EASTBOARD CONSOLES	34280009	Master Control Shading Desk (4 Bay width)	
2130	1	EASTBOARD CONSOLES	34280010	Master Control PC Desk (Space for single PC)	
		<b>MCR ANNOUNCE BOOTH</b>			
		<b>MICROPHONE</b>			
2160	1	ELECTRO-VOICE	RE27N/D	Microphone	PFE
2170	1	O.C. WHITE	51900	Desk Boom Stand	PFE
2180	1	MIDDLE ATLANTIC	GS5	Pop Filter	PFE
2190	1	BEHRINGER	HA4400	POWERPLAY PRO 4-Channel Headphone System	
		<b>ROUTER CONTROL PANELS</b>			
2210	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
		<b>INTERCOM</b>			
2230	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
2240	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
		<b>VIDEOTAPE &amp; VIDEO SERVER</b>			
		<b>DIGITAL TAPE MACHINES</b>			
2270	1	SONY	BFC1	FLEXICART CONSOLE	
2280	3	SONY	BKFC10B	FLEXICART BIN UNT FOR BETACAM	
2290	4	SONY	BKFC53/2	BFC VTR MOUNT KIT SX	
2300	1	SONY	BKFC100	VTR I/F BOARD	
2310	1	SONY	BKFC200	BAR CODE READER	
2320	4	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	
2330	1	SONY	BZC100	SIMPLE REMOTE CONTROL	
2340	1	SONY	BVBP14	BARCODE PRINTER BETACAM S/L	
2350	4	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	PFE
2360	4	SONY	BVR50	Remote TBC	PFE
2370	4	SONY	RMM111	RACK MOUNT KIT	
2380	1	SONY	BASEPC	#112024088 VE3133 LMS PC	
		<b>ANALOG TAPE MACHINES</b>			
2400	1	SONY	DNWA30	Digital Video Cassette Player	PFE
2410	2	SONY	TBD	U-MATIC VIDEO TAPE MACHINE	PFE
2420	5	SONY	SLVM91HF	VHS VIDEO DECK	
2430	5	MIDDLE ATLANTIC	U3	3RU Rack Shelf	
2440	5	GAINES	642	2-Ch. Balanced Line Interface [RCA/XLR]	
2450	2	GAINES	642	2-Ch. Balanced Line Interface [RCA/XLR]	
2460	1	SONY	DNWA22	1/2 INCH VIDEO CASS. TAPE PLAY	
2470	4	SONY	KV27V66GRAY	27" CTV	
		<b>PRODUCTION VIDEO SERVER</b>			
2490	2	SONY	MAV70/36	SERVER UNIT 36G	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
2500	4	SONY	BKMA7020	SDI/ANALOG ENCODER BOARD	
2510	6	SONY	BKMA7030	SDI/ANALOG DECODER BOARD	
2520	2	SONY	BKMA7040	FIBRECHANNEL PORT BOARD	
2530	2	SONY	BKMAPS70	REDUNDANT POWER SUPPLY UNIT	
2540	2	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD	
2550	2	SONY	BKMA7045	Gigabit Network Interface Board	
2560	2	INTEL-BASED	WORKSTATION	P3-600 (Or Greater) and 512 MB RAM	
2570	2	RED HAT	DELUXE 7.0	Deluxe Workstation 7.0	
2580	2	ADAPTEC	AHA-2940U	SCSI Board	
2590	2	SYSKONNECT	SK-NET GE-SX	Gigabit Ethernet Board	
2600	2	ALLIED TELESY	AT-GS904SX	1000 BaseT Switching Hub	
<b>RACKS &amp; CONSOLES</b>					
2620	18	APW	O162b001	45RU Cabinet Assembly [ Black]	
2630	18	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
2640	18	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
2650	18	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
2660	108	APW	ALB78	78"VPS Aluminum Lacing Bar	
2670	18	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
2680	18	APW	HINGEKT	Hinge Kit, For Pioneer Door	
2690	3	APW	T3SP7830	Side Panel, Set of 2	

## DISTRIBUTION EQUIPMENT

## PLANT ROUTING

2720	1	SONY	HDSX3700	128X128 HD/SD Router System w/ Dual PSU	
2730	1	SONY	HKDSX3010	X-series Router Distribution Board	
2740	1	SONY	HKDSX3050	SDTV Matrix Board	
2750	7	SONY	HKDSX3011	16 Channel SDTV Input Board	
2760	1	SONY	HKDSX3014	HD SDI Input Connector Board (16 Channel)	
2760	7	SONY	HKDSX3051	Sdtv Serial Output Board	
2770	1	SONY	HKDSX3064	SD/HD SDI Output Connector Board (16 Channel)	
2770	1	SONY	RKSDVRA	RACK MOUNT FOR D2 VTR'S OR 64X ROUTER	
2780	1	SONY	DVS128	ROUTING SWITCHER	
2790	4	SONY	BKD SAV10	ANALOG VIDEO INPUT BOARD	
2800	4	SONY	BKD SAV11	ANALOG VIDEO OUTPUT BOARD	
2810	2	SONY	BKD SAA10	ANALOG AUDIO INPUT BOARD	
2820	2	SONY	BKD SAA11	ANALOG AUDIO OUTPUT BOARD	
2830	1	SONY	BKDS12890	BACKUP CPU BOARD	
2840	1	SONY	BKDS12891	BACKUP POWER	
2850	1	SONY	RKSDVRA	RACK MOUNT FOR D2 VTR'S OR 64X ROUTER	
2860	1	SONY	DVS128	ROUTING SWITCHER	
2870	1	SONY	BKDS12891	BACKUP POWER	
2880	1	SONY	BKDS12890	BACKUP CPU BOARD	
2890	4	SONY	BKD SDA10	AES/EBU INPUT BOARD	
2900	4	SONY	BKD SDA11	AES/EBU OUTPUT BOARD	
2910	1	SONY	BKD SAA10	ANALOG AUDIO INPUT BOARD	
2920	1	SONY	BKD SAA11	ANALOG AUDIO OUTPUT BOARD	
2930	1	SONY	CPD110GS	15" MULTISCAN COLOR MONITOR	
2940	1	SONY	BKPFL803	S-BUS EXPANDER	
2950	10	SONY	BKPF131B	NTSC to Serial Digital Decoder Board	
2960	4	SONY	BKPF205	A/V MULTIPLEXER BOARD	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
2970	3	SONY	PFVD300	DIGITAL VIDEO INTERFACE UNIT	
2980	2	SONY	BKPFPS300	BACK UP POWER SUPPLY UNIT	
2990	8	SONY	BKPF132B	Serial Digital to NTSC Encoder Board	
3000	1	HP	D6720TAB	Kayak XA 450MHz Desktop PC Workstation	
3010	4	ICS ADVENT	6531KB3M	1RU 101-Key AT Keyboard and Mouse Pad	
3020	4	SONY	BKPF206	A/V DEMULTIPLEXER BOARD	
<b>SYNC &amp; DISTRIBUTION</b>					
3040	2	TEKTRONIX	SPG422	Component Digital Master Sync Generator	
3050	2	TEKTRONIX	SPG42201	Four Black burst Output Option for SPG422	
3060	2	TEKTRONIX	SPG42202	Serial Digital TSG Option for SPG422	
3070	1	TEKTRONIX	ECO422	Changeover Unit	
3080	1	NVISION	NV1000	2RU Distribution Frame with Power Supply	
3090	1	NVISION	PS2001	Redundant Power Supply	
3100	2	NVISION	NV1022BNC	AES/EBU Fan Out Distribution Amplifier	
3110	2	NVISION	EM0104	BNC Backplane for NV1023	
3120	16	SONY	PFVL10	INTERFACE UNIT	
3130	16	SONY	BKPFLPS10	BACKUP POWER SUPPLY UNIT	
3140	20	SONY	BKPFL612	2CH SDI DISTRIBUTION BOARD	
3150	5	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD	
3160	25	SONY	BKPFL703	ANALOG VIDEO DISTRIBUTOR	
3170	25	SONY	BKPFL703/1	ANALOG VIDEO DISTRIBUTOR	
3180	20	SONY	BKPFL753A	ANALOG AUDIO DISTRIBUTION BOARD	
3190	1	NVISION	NV1082BNC	AES/EBU and SDIF-2 Reference Generator	
3200	1	NVISION	EM0059	BNC Backplane for NV1082 or NV1083	
3210	2	NVISION	NV1023BNC	SDIF-2 Fan Out Distribution Amplifier	
3220	2	NVISION	EM0064	BNC Backplane for NV1021 or NV1022	
<b>INTERCOM</b>					
3240	1	CLEAR-COM	COMPACT72	Matrix Plus 3 72-Port Main Frame	
3250	6	CLEAR-COM	MTXA8	8-Port Analog Station/Interface Card	
3260	1	CLEAR-COM	IMF3	3RU Interface Module Frame	
3270	1	CLEAR-COM	PSU101	Power Supply for IMF-3	
3280	1	CLEAR-COM	CCI22	Dual 2-Wire Party-Line Interface	
3290	1	CLEAR-COM	TEL14	2-Line Digital Telephone Interface	
3300	6	CLEAR-COM	CC250	Double-Ear Standard Headset	
3310	3	CLEAR-COM	RS501	1-Channel Standard Beltpack	
3320	6	CLEAR-COM	ICS92	1RU 9-Key Display Station	
3330	1	CLEAR-COM	ICS2003	2RU 12-Key Display/Control Station	
3340	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
3350	6	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
3360	1	CLEAR-COM	FOR22	Matrix Dual 4-Wire/2-Way Radio Interface	
3370	1	CLEAR-COM	PS22	2-CHNL PORTABLE POWER SUPPLY	
3380	13	CLEAR-COM	CC85	Single-Ear Standard Headset	
3390	1	CLEAR-COM	KB212	1-Channel Flushmount Speaker/Mic Station	
3400	2	CLEAR-COM	FOR22	Matrix Dual 4-Wire/2-Way Radio Interface	
<b>OTHER EQUIPMENT</b>					
3420	2	BLONDER TONGUE	AM60550	50-550MHz +60dBmV Agile A/V Modulator	
3430	2	Leitch	DFS3005	Digital Frame Sync	
3440	2	Leitch	3005RP	Control Panel	
3450	2	EXTRON	VSC300	High Resolution Computer To Video Scan Converter	
3460	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
<b>PATCHING</b>					
3480	20	ADC	BJF4074MKIVHN	2RU 2x48 HN Bantam Audio Jackfield	
3490	40	ADC	PPI2232RSMVJBK	2RU 2x32 Midsize Video Patch Panel	
3500	4	ADC	VP2232D9BK	2RU 32-Circuit RS-422 Jack Field [Black]	
3510	10	ADC	PC4223BK	3' RS-422 Patch Cord [Black]	
3520	20	ADC	MBK3VX	3' Midsize to Midsize Patch Cord [Black]	
3530	20	ADC	MB2VX	2' Midsize to Midsize Patch Cord [Blue]	
3540	20	ADC	MG2VX	2' Midsize to Midsize Patch Cord [Green]	
3550	20	ADC	MR2VX	2' Midsize to Midsize Patch Cord [Red]	
3560	30	ADC	R3B	3' Single Bantam Audio Patchcord [Red]	
3570	30	ADC	G3B	3' Single Bantam Audio Patchcord [Green]	
3580	30	ADC	B3B	3' Single Bantam Audio Patchcord [Blue]	
3590	1	ADC	BJF4074MKIVHN	2RU 2x48 HN Bantam Audio Jackfield	
<b>RACKS &amp; CONSOLES</b>					
3610	12	APW	O162b001	45RU Cabinet Assembly [ Black ]	
3620	12	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
3630	12	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
3640	12	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
3650	72	APW	ALB78	78"VPS Aluminum Lacing Bar	
3660	12	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
3670	12	APW	HINGEKT	Hinge Kit, For Pioneer Door	
3680	2	APW	T3SP7830	Side Panel, Set of 2	
<b>MASTER CLOCK</b>					
3700	1	LEITCH	CSD-5300	Master Clock Driver	
3710	1	LEITCH	GPS5300-1	GPS Receiver for Master Clock	
3720	1	LEITCH	CDD5483	Clock Distribution Driver	
3730	7	LEITCH	ADC5112	12" Dia. Analog Clock	
3740	4	LEITCH	DTD5200R	Red Digital Time Display	
<b>PRODUCTION CONTROL ROOM 1</b>					
<b>PRODUCTION SWITCHER</b>					
3770	1	SONY	DVS7000A	DIGITAL VIDEO SWITCHER	
3780	3	SONY	BKDS7103	12 INPUT SERIAL DIGITAL BOARD	
3790	3	SONY	BKDS2031	CHROMA KEY BOARD	
3800	1	SONY	BKDS2032	CHROMAKEY UPGRADE BOARD	
3810	1	SONY	BKDS2041	FRAME MEMORY	
3820	1	SONY	BKDS7444	FRAME MEMORY EXPANSION BOARD	
3830	1	SONY	BKDS7420	COLOR CORRECTION BOARD	
3840	3	SONY	BKDS7370	ENHANCED WIPE GENERATOR	
3850	3	SONY	BKDS7271	FINE KEY/KEY BORDER BOARD	
3860	20	SONY	BKDS7163	SDI OUTPUT BOARD FOR DVS7150	
3870	1	SONY	BKDS7690	REDUNDANT POWER SUPPLY UNIT	
3880	1	SONY	BKDS7022	3.5 M/E CONTROL PANEL WITH DISPLAY	
3890	1	SONY	BKDS7075	CONTROL PANEL REMOTE ADAPTER	
3900	1	SONY	BKDS7001	CONTROL PORT EXPANSION BOARD	
3910	1	SONY	BKDS7033	MEMORY RECALL CTL PANEL UNIT	
3920	1	SONY	BKDS7030	KEY FRAME CONTROL PANEL UNIT	
3930	1	SONY	BKDS7031	DME CONTROL PANEL UNIT	
3940	1	SONY	BKDS7090	REDUNDANT PW SUPPLY FOR PANEL	
3950	1	SONY	RKSDVRA	RACK MOUNT FOR D2 VTR'S OR 64X ROUTER	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
3960	1	SONY	BZS7020A	OPERATION SOFTWARE W/MANUAL	
3970	1	SONY	BKDM3010	STAND ALONE CONTROL PANEL	
3980	1	SONY SIC	SIC00495	DME I/F BOX (1-500-320-87)	
3990	1	SONY	DMK7000	DIGITAL MULTI KEYER	
4000	4	SONY	BKDS7300	LINEAR KEYER BOARD	
4010	11	SONY	BKDS7113	SDI INPUT BOARD FOR DVS7150	
4020	9	SONY	BKDS7163	SDI OUTPUT BOARD FOR DVS7150	
4030	4	SONY	BKDS7320	LUMINANCE KEYER / BORDER BD	
4040	1	SONY	BKDS7691	REDUNDANT POWER SUPPLY	
4050	1	SONY	BKDS7443	FRAME MEMORY	
4060	1	SONY	RMM30	RACK MOUNT KIT	
4070	1	SONY	BZS7720	OPERATION SOFTWARE W/MANUAL (E)	
<b>2 CHANNEL DME</b>					
4090	2	SONY	DME7000	DIGITAL MULTI EFFECTOR	
4100	2	SONY	BKDM3010	DME CONTROL PANEL	
4110	2	SONY	BKDM3030	NON LINEAR EFFECTS	
4120	2	SONY	BKDM3040	WIPE & GRAPHICS BOARD	
4130	2	SONY	BKDM3050	COMBINER & LIGHTING	
4140	2	SONY	BKDM7060	KEY CHANNEL/RECURSIVE EFFECT	
4150	2	SONY	BKDM7070	ADVANCED SHADOW BOARD	
4160	2	SONY	BKDM7031	SPARKLE EFFECT	
4170	2	SONY	BKDM7041	DIGITAL SKETCH BOARD	
4180	2	SONY	BKDM7020	DIGITAL INPUT/OUTPUT BOARD	
4190	2	SONY	BKDM7021	COLOR CORRECTOR BOARD FOR DME-7000	
4200	1	SONY	BKDM3010	DME Control Panel	
4210	1	MICROSOFT	67300089	Serial/PS/2 IntelliMouse for Windows 95	
4220	1	SONY	BZDM7720	OPERATION SOFTWARE	
4230	1	SONY	CPDM151	15" LCD Monitor	
4240	1	SONY	NNTRNG/7000	TRAINING	
4250	2	SONY	RMM30	RACK MOUNT KIT	
4260	1	ALUMAGRAPHICS	CRTBRKTA	Rack Mount Bracket for CPD-M151	
<b>CHARACTER GENERATOR</b>					
4280	1	PINNACLE	211002ND	Flex Deko Digital 2 Channel System	
4290	1	PINNACLE	DEKOAUTN	Deko Automation Software	
4300	1	PINNACLE	DEKOSTILLN	StillDeko Option	
4310	1	PINNACLE	DEKOKBDN	Deko Fast Action Keyboard	
4320	1	PINNACLE	151022RK	LIGHTNING 22-29 INCH RACK SLIDES	
4330	1	MICROSOFT	INTELLIMOUSE	INTELLIMOUSE W/INTELLIEYE	
4340	1	IOMEGA	31191	JAZ 2GB EXT SCSI DRV NEW DSGN	
4350	2	IOMEGA	10598	JAZ 2GB DISK MAC 3-PK	
4360	1	IOMEGA	10599	Single Jazz 2GB Disk Preformatte	
4370	1	MGE	84014R	PULSAR ESV+RACK MOUNT 1400W UPS	
4380	1	EPSON	E1600PRO	EXPRESSION PROOF SCANNER	
<b>VIDEOTAPE AND PRODUCTION SERVER CONTROL</b>					
4400	2	DNF	MAV70SHUTTLEBOX	MAV70 Shuttle Box VTR Controller	
4410	1	DNF	2034CL-L	300 Clip Instant Access System	
4420	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	PFE
4430	1	SONY	BVR50	Remote TBC	PFE
4440	1	SONY	RMM111	RACK MOUNT KIT	
<b>VIDEO &amp; AUDIO MONITORING</b>					

## Equipment List

PFE

TBD

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION
4460	3	SONY	BVMD20F1U	20" Multiformat Monitor
4470	3	SONY	BKM20D	4:2:2 DIGITAL ADAPTER
4480	3	SONY	BKM24N	PRECISION NTSC DECODER
4490	1	SONY	BKM10R	REMOTE CONTROL PANEL
4500	1	SONY	BKM12Y/US	1 MEG S RAM CARD
4510	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor
4520	1	TEKTRONIX	1700F05	Dual Rack Mount Kit
4530	1	TEKTRONIX	1740A	NTSC Waveform/Vector Monitor
4540	1	TEKTRONIX	1700F05	Dual Rack Mount Kit
4550	2	DORROUGH	40A2	Analog Audio Loudness Meter
4560	47	SONY	PVM136	14" MONOCHROME MONITOR
4570	9	SONY	PVM14M4U	14" COLOR MONITOR
4580	1	SONY	PVM4B1U	4-GANG (4")VIDEO MONITOR
4590	2	ESE	ES362AD	Desktop Master Timer with Remote Control
4600	1	YAMAHA	Q2031	GRAPHIC EQUALIZER
4610	1	JBL	4412AL	STUDIO MONITOR SPKR (LEFT)
4620	1	JBL	4412AR	STUDIO MONITOR SPKR. (RIGHT)
4630	1	BRYSTON	3BSTPRO	120/200W Professional Stereo Amplifier
4640	1	OXMOOR	DCA2T	Digital Control Attenuator w/Transformer
4650	1	OXMOOR	RC16	Remote Control
4660	9	SONY	PVM5041Q	COLOR VIDEO MONITOR
4670	3	SONY	MB520	MOUNTING BRACKET
4680	2	DORROUGH	40A2	Analog Audio Loudness Meter
4690	2	SONY	CPDG400	19" FD TRINITRON DISPLAY
<b>AUDIO CONTROL</b>				
4710	1	WHEATSTONE	TV80(WSOC)	TV-80 Audio Console
4720	1	WHEATSTONE	TM80	Timer
4730	1	WHEATSTONE	CL80	Time of Day Clock
4740	1	WHEATSTONE	LB80	Leg Base
4750	16	WHEATSTONE	MI80	Mono Mic/Line Input Module
4760	16	WHEATSTONE	SI84	Stereo Line Input Module
4770	7	WHEATSTONE	BK80	Input Blank Panel
4780	16	WHEATSTONE	SB80	Input Pre-Selector Module
4790	23	WHEATSTONE	BKP6	Input Pre-Selector Blank
4800	1	WHEATSTONE	RACK	2RU Mounting Bridge Panel
4810	1	WHEATSTONE	SBC	Smart Button Controller
4820	4	WHEATSTONE	SUB80	Dual Mono Submaster Module
4830	1	WHEATSTONE	MSTR180	Stereo Master #1 Module
4840	1	WHEATSTONE	MSTR280	Stereo Master #2 Module
4850	1	WHEATSTONE	CR80	Control Room Monitor Module
4860	4	WHEATSTONE	SC80	Studio Monitor Module
4870	1	WHEATSTONE	VO80	VU/Oscillator/Timer Module
4880	1	WHEATSTONE	MXMCONF	MXM Confidence Master Control Panel
4890	1	WHEATSTONE	POWER	Power Interface Module
4900	4	WHEATSTONE	BK80	Input Blank Panel
4910	1	WHEATSTONE	BKR80	Right End Blank Panel
4920	2	WHEATSTONE	PSC1000	Redundant Power Supply
4930	16	WHEATSTONE	FPMI80	Standard Mono Input Fader Panel
4940	16	WHEATSTONE	FPSI80	Standard Stereo Input Fader Panel
4950	4	WHEATSTONE	FPSUB80	Dual Mono Submaster Panel

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
4960	2	WHEATSTONE	FPMSTR80	Stereo Master Output Fader Panel	
4970	1	WHEATSTONE	MUTE80	Group Mute Panel	
4980	19	WHEATSTONE	BKF80	Fader Blank Panel	
4990	1	WHEATSTONE	FPVO	Special Fader Blank	
5000	1	WHEATSTONE	SSM80	Tape Remote [6-Pair Start/Stop]	
5010	1	WHEATSTONE	SMARTCAGE	SMART-SELECT® Card Cage	
5020	2	WHEATSTONE	PSC340	Redundant Smart Cage Power Supply	
5030	8	WHEATSTONE	SSMI8S	Mono 8x1 Pre-Selector Smart Select Card	
5040	8	WHEATSTONE	LOGICFOLLOW	Mute and Tally Smart Cage Logic Follow	
5050	8	WHEATSTONE	SSSI8S	Stereo 8x1 Pre-Selector Smart Cage Card	
5060	1	WHEATSTONE	SMARTSEL	100' Communications Cable	
5070	1	WHEATSTONE	MNSCLCTB	Module Nomenclature	
5080	1	WHEATSTONE	MTPSCM	Mute and Tally Programming for SC Module	
5090	1	WHEATSTONE	CLOCKREF	External Time of Day Time Code Reference	
5100	1	WHEATSTONE	COMMISSIONING	Commission Console Onsite	
5110	1	WHEATSTONE	REARCOVER	Connector Concealment Panel	
5120	1	WHEATSTONE	SPARESPACKAGE	Spares Package	
5130	1	WHEATSTONE	TAPEREMOTEPEL	Tape Remote Panel	
5140	1	WHEATSTONE	TIMERCLOCKSOLO	Timer/Clock/Solo Panel	
5150	1	SONY SIC	SIC00063	Eight Button IFB Switch Panel	
5160	1	WHEATSTONE	MXMCONF	MXM Confidence Master Control Panel	
5170	1	SONY SIC	SIC00063	Mix Minus Switching I/O Panel	
5180	1	EASTBOARD CONSOLES	35550004	Audio Overbridge	
<b>CONVERTERS</b>					
5200	3	SONY	PFVL10	Interface unit	
5210	26	SONY	BKPFL751	Audio A To D Converter Board	
5220	2	SONY	BKPFL605	Audio/Video Multiplexer Board	
5230	2	SONY	BKPFL606	Audio/Video Demultiplexer Board	
5240	3	SONY	RMM10	Rack Mount Kit	
5250	3	SONY	BKPFLPS10	Backup Power Supply	
<b>ADDITIONAL SOURCES</b>					
5270	1	360 SYSTEMS	DR554	Instant Replay® 2.0 Hard Disk Recorder	
5280	2	SONY	MDSB5	MD CART RECORDER	
5290	1	SONY	MDSB6P	MD CART PLAYER	
5300	1	MIDDLE ATLANTIC	RSH4AMDSB5	Custom Rackshelf for Sony MDSB5	
5310	1	SONY	CDPD500	COMPACT DISK PLAYER UNIT	
5320	1	SONY	DPSV77	Digital Multi-Effects Signal Processor	
<b>AUDIO &amp; VIDEO MONITORING</b>					
5340	1	TEKTRONIX	760A	Stereo Audio Monitor	
5350	1	TEKTRONIX	1700F05	Dual Rack Mount Kit	
5360	1	TEKTRONIX	1700F06	Blank Filler Panel for 1700F05	
5370	3	BSS	DPR402	Compressor/limiter de-esser	
5380	3	TELOS	TELOS1	TELEPHONE HYBRID	
5390	22	SONY	PVM97	9" MONOCHROME MONITOR	
5400	1	SONY	MB520	MOUNTING BRACKET	
5410	2	SONY	PVM14M4U	14" COLOR MONITOR	
5420	1	APHEX	320	COMPELLOR DUAL MONO/STEREO COMPRESSOR/LE	
5430	1	APHEX	722	Dominator II - Stereo Transmission Limit	
5440	5	ADC	PPB314MKIIHN	2RU 2x48 Bantam Pro Patch Patchbay [HN]	
5450	10	ADC	PPB314MKIIHN	2RU 2x48 Bantam Pro Patch Patchbay [HN]	

## Equipment List

ITM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
5460	15	ADC	DA6B	Bantam 6' Digital Audio Ni Patch Cord	
5470	30	ADC	DA6B	6' Bantam Digital Audio Patch Cord	
5480	2	LEITCH	882PS	Redundant Power Supply 120-240 Volt	
5490	1	JBL	4412AL	STUDIO MONITOR SPKR (LEFT)	
5500	1	JBL	4412AR	STUDIO MONITOR SPKR. (RIGHT)	
5510	1	BRYSTON	3BSTPRO	120/200W Professional Stereo Amplifier	
<b>STATUS TALLY SYSTEM</b>					
5530	1	TALLY DISPLAY	RTDS	Router Software Interface	
5540	2	TALLY DISPLAY	PSIF	Parallel to Serial Tally Interface	
5550	1	TALLY DISPLAY	EDITOROPTION	Graphics Software	
5560	1	TALLY DISPLAY	VLD6	6-Channel Video Monitoring System	
5570	1	TALLY DISPLAY	AMPLED	3-Channel Audio Monitoring System	
5580	1	TALLY DISPLAY	CM1	Connector Module	
5590	10	TALLY DISPLAY	CVT1	RS-232 to RS-485 Converter/Splitter	
5600	30	TALLY DISPLAY	LMS1009DYNAMIC	Dual 9-Character Tri-Color Dynamic UMD	
5610	2	TALLY DISPLAY	LMS1013DYNAMIC	13-Character Tri-Color Dynamic UMD	
5620	6	SONY	BKBU-1001	Dynamic Under Monitor Display	
5630	1	SONY	BKBU-1004	UMD Power Supply Module	
<b>ROUTER CONTROL PANELS</b>					
5650	2	SONY	BKSR3210	X-Y CONTROL UNIT	
5660	4	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
<b>INTERCOM</b>					
5680	4	CLEAR-COM	ICS92	1RU 9-Key Display Station	
5690	3	CLEAR-COM	ICS2003	2RU 12-Key Display/Control Station	
5700	7	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
5710	7	CLEAR-COM	CC85	Single-Ear Standard Headset	
<b>RACKS &amp; CONSOLES</b>					
5730	10	APW	O162b001	45RU Cabinet Assembly [ Black ]	
5740	10	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
5750	10	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
5760	10	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
5770	60	APW	ALB78	78"VPS Aluminum Lacing Bar	
5780	10	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
5790	10	APW	HINGEKT	Hinge Kit, For Pioneer Door	
5800	10	APW	T3SP7830	Side Panel, Set of 2	
5810	1	EASTBOARD CONSOLES	35550001	Production Console 1(14 Bays)	
5820	1	EASTBOARD CONSOLES	35550002	Production Console 2 (8 Bays)	
5830	1	EASTBOARD CONSOLES	35550005	Monitor Wall	
<b>CONTROL ROOM 2</b>					
<b>PRODUCTION SWITCHER</b>					
5860	1	SONY	DVS7250	2.5 M/E DIGITAL VIDEO SWITCHER	
5870	1	SONY	DVS7200A	DIGITAL VIDEO SWITCHER	
5880	1	SONY	BZS7060A	OPERATION SOFTWARE W/MANUAL	
5890	1	SONY	BKDS7026	SWITCHER CONTROL PANEL	
5900	1	SONY	BKDS7030	KEY FRAME CONTROL PANEL UNIT	
5910	1	SONY	BKDS7031	DME CONTROL PANEL UNIT	
5920	1	SONY	BKDS7250	PP/DSK BOARD	
5930	2	SONY	BKDS7103	12 INPUT SERIAL DIGITAL BOARD	
5940	1	SONY	BKDS7133	CRK ANALOG COMPONENT INPUT	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
5950	2	SONY	BKDS2031	CHROMA KEY BOARD	
5960	2	SONY	BKDS2032	CHROMAKEY UPGRADE BOARD	
5970	3	SONY	BKDS7270	KEY BORDER BOARD	
5980	2	SONY	BKDS2070	ENHANCED WIPE GENERATOR BOARD	
5990	1	SONY	BKDS7445	FRAME MEMORY COMPOSITE ADAPTER	
6000	1	SONY	BKDS2041	FRAME MEMORY	
6010	15	SONY	BKDS7163	SDI OUTPUT BOARD FOR DVS7150	
6020	1	SONY	BKDS7700	TALLY INTERFACE UNIT	
6030	1	SONY	BKDS7790	REDUNDANT POWER SUPPLY UNIT	
6040	1	SONY	BZS7720	OPERATION SOFTWARE W/MANUAL (E)	
6050	1	SONY	BKDS7690	REDUNDANT POWER SUPPLY UNIT	
6060	1	SONY	BKDS7091	REDUNDANT POWER SUPPLY	
<b>2 CHANNEL DME</b>					
6080	2	SONY	DME7000	DIGITAL MULTI EFFECTOR	
6090	1	SONY	BKDM3010	STAND ALONE CONTROL PANEL	
6100	2	SONY	BKDM7020	DIGITAL INPUT/OUTPUT BOARD	
6110	2	SONY	BKDM3030	NON LINEAR EFFECTS	
6120	2	SONY	BKDM3040	WIPE & GRAPHICS BOARD	
6130	2	SONY	BKDM3050	COMBINER & LIGHTING	
6140	2	SONY	BKDM7060	KEY CHANNEL/RECURSIVE EFFECT	
6150	2	SONY	BKDM7031	SPARKLE EFFECT	
6160	2	SONY	BKDM7041	DIGITAL SKETCH BOARD	
6170	2	SONY	BKDM7070	ADVANCED SHADOW BOARD	
6180	1	SONY	BZDM7020	OPERATION SOFTWARE	
6190	1	SONY	LMD1041	MULTI INPUT COLOR LCD MONITOR	
6200	1	MICROSOFT	67300089	Serial/PS/2 IntelliMouse for Windows 95	
<b>CHARACTER GENERATOR</b>					
6220	1	PINNACLE	211002ND	Flex Deko Digital 2 Channel System	
6230	1	PINNACLE	DEKOAUTN	Deko Automation Software	
6240	1	PINNACLE	DEKOSTILLN	StillDeko Option	
6250	1	PINNACLE	DEKOKBDN	Deko Fast Action Keyboard	
6260	1	PINNACLE	151022RK	LIGHTNING 22-29 INCH RACK SLIDES	
6270	1	MICROSOFT	INTELLIMOUSE	INTELLIMOUSE W/INTELLIEYE	
6280	1	IOMEGA	31191	JAZ 2GB EXT SCSI DRV NEW DSGN	
6290	2	IOMEGA	10598	JAZ 2GB DISK MAC 3-PK	
6300	1	IOMEGA	10599	Single Jazz 2GB Disk Preformatte	
6310	1	MGE	84014R	PULSAR ESV+RACK MOUNT 1400W UPS	
6320	1	EPSON	E1600PRO	EXPRESSION PROOF SCANNER	
<b>VIDEOTAPE &amp; PRODUCTION SERVER CONTROL</b>					
6340	2	DNF	MAV70SHUTTLEBOX	MAV70 Shuttle Box VTR Controller	
6350	1	DNF	2034CL-L	300 Clip Instant Access System	
6360	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	PFE
6370	1	SONY	BVR50	Remote TBC	PFE
6380	1	SONY	RMM111	RACK MOUNT KIT	
<b>AUDIO &amp; VIDEO MONITORING</b>					
6400	2	SONY	PVM136	14" MONOCHROME MONITOR	
6410	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor	
6420	1	TEKTRONIX	1700F05	Dual Rack Mount Kit	
6430	1	TEKTRONIX	1700F05	Dual Rack Mount Kit	
6440	2	DORROUGH	40A2	Analog Audio Loudness Meter	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
6450	2	SONY	PVM20M4U	19" COLOR MONITOR	
6460	2	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)	
6470	21	SONY	SSM930	SECURITY 9 INCH B/W MONITOR	
6480	11	SONY	MB900	RACK MOUNT FOR SSM930	
6490	5	TANNOY	System 800AShield	Shielded Active Dual Concentric Reference Monitor	
6500	1	TANNOY	PS350B	Sheilded Active 15" Subwoffer	
<b>STATUS TALLY SYSTEM</b>					
6520	1	TALLY DISPLAY	RTDS	Router Software Interface	
6530	2	TALLY DISPLAY	PSIF	Parallel to Serial Tally Interface	
6540	1	TALLY DISPLAY	EDITOROPTION	Graphics Software	
6550	1	TALLY DISPLAY	VLD6	6-Channel Video Monitoring System	
6560	1	TALLY DISPLAY	AMPLED	3-Channel Audio Monitoring System	
6570	1	TALLY DISPLAY	CM1	Connector Module	
6580	8	TALLY DISPLAY	CVT1	RS-232 to RS-485 Converter/Splitter	
6590	20	TALLY DISPLAY	LMS1009DYNAMIC	Dual 9-Character Tri-Color Dynamic UMD	
6600	2	TALLY DISPLAY	LMS1013DYNAMIC	13-Character Tri-Color Dynamic UMD	
6610	6	SONY	BKBU-1001	Dynamic Under Monitor Display	
6620	1	SONY	BKBU-1004	UMD Power Supply Module	
<b>AUDIO CONTROL</b>					
6640	1	SONY	DMXR100	Digital 8-Bus Mixer	
6650	3	SONY	DMBKR101	8ch Analog Line In Board	
6660	1	SONY	DMBKR102	8ch Analog Line Out Board	
6670	1	SONY	DMBKR103	8ch AES/EBU I/O Board	
6680	1	SONY	DMBKR104	8ch Digital Input Sample Rate Converter Board	
6690	1	SONY	DMBKR105	8ch Analog Insertion Board	
6700	1	DENON	DN961FA	CD Player	PFE
6710	1	360 SYSTEMS	D2730	DigiCart/II Plus Recorder	PFE
6720	1	360 SYSTEMS	RC220	Remote Controller	PFE
6730	1	360 SYSTEMS	SC180-3	Hard Disk Editor	PFE
6740	1	360 SYSTEMS	RS12	4RU Rack Shelf for one or two DigiCarts	
6750	4	OMNIMOUNT	75WB	WALL ASSEMBLY BOTTOM MOUNT	
6760	1	SONY	BKSR3210	X-Y CONTROL UNIT	
6770	1	APHEX	104	Aural Exciter	PFE
6780	1	CLEAR-COM	ICS2003	2RU 12-Key Display/Control Station	
6790	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
6800	1	NIGEL B	602SWRH	Right Hand Single Workstation	
6810	1	SONY	CPDG200	17" FD TRINITRON	
6820	6	SONY	SSM930	SECURITY 9 INCH B/W MONITOR	
6830	3	SONY	MB900	RACK MOUNT FOR SSM930	
6840	1	GAINES	444	4-Ch. Balanced Output Interface [XLR-M]	
6850	1	RTS	MCP2	SINGLE RACKMOUNT KIT	
6860	4	ADC	BJF4074MKIVHN	2RU 2x48 HN Bantam Audio Jackfield	
6870	1	ADC	BJF4074MKIVHN	2RU 2x48 HN Bantam Audio Jackfield	
6880	1	ADC	BJF4074MKIVHN	2RU 2x48 HN Bantam Audio Jackfield	
6890	2	ADC	DAB314MKIINS	2RU DIGITAL AUDIO JACKFIELD W/BANTAM JAC	
6900	20	ADC	R2B	2' Single Bantam Audio Patchcord [Red]	
6910	20	ADC	G2B	2' Single Bantam Audio Patchcord [Green]	
6920	20	ADC	B2B	2' Single Bantam Audio Patchcord [Blue]	
6930	20	ADC	BK2B	2' Single Bantam Audio Patchcord [Black]	
<b>ROUTER CONTROL PANELS</b>					

## Equipment List

ITM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
6950	2	SONY	BKSR3210	X-Y CONTROL UNIT	
6960	4	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
<b>INTERCOM</b>					
6980	3	CLEAR-COM	ICS92	1RU 9-Key Display Station	
6990	2	CLEAR-COM	ICS2003	2RU 12-Key Display/Control Station	
7000	5	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
7010	5	CLEAR-COM	CC85	Single-Ear Standard Headset	
<b>RACKS &amp; CONSOLE</b>					
7030	7	APW	O162b001	45RU Cabinet Assembly [ Black ]	
7040	7	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
7050	7	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
7060	7	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
7070	42	APW	ALB78	78"VPS Aluminum Lacing Bar	
7080	7	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
7090	7	APW	HINGEKT	Hinge Kit, For Pioneer Door	
7100	2	APW	T3SP7830	Side Panel, Set of 2	
<b>STUDIO A</b>					
<b>CAMERAS</b>					
7130	3	SONY	BVP900	High-End Studio/OB 12-Bit ADSP Camera Shell	
7140	3	SONY	OHB730WS	Optical Block	
7150	3	SONY	J20XSUPER/CSS	Canon 20x Studio Zoom Lens W/ Lens Mod	
7160	3	SONY	BVF77	Viewfinder-studio 7"	
7170	3	VINTEN	34253	Studio/OB Pedestal 2-Stage, Capacity 176lbs	
7180	2	SONY	BVP950	12-Bit ADSP Camera Shell	
7190	2	SONY	BVF10	B/W Viewfinder for BVP-570/BVP-950	
7200	2	SONY	CA570	Triax Adapter For BVP570	
7210	2	SONY	A17X78BERM	17X Fujinon Lens	
7220	2	VINTEN	VIN250ELT	2-Stage EFP Tripod System w/ Spreader	
7230	5	SONY	RCP720	Remote Control Panel for BVP-700/750 Camera Systems	
7240	5	SONY	CCU700A	Camera Control Unit	
7250	8	SONY	CCA5/3US	CONTROL CABLE FOR BVP700/750	
7260	5	SONY	BKP7311	SMPTE 259M Output Color	
7270	1	SONY	VCS700	Monitoring Switcher for BVP-700/750 Camera Systems	
<b>MICROPHONES</b>					
7290	5	SONY	ECM55	Omni-Directional Electret Condenser Microphone	
7300	6	SONY	WRT860A64M55	Body Pack Transmitter with ECM-55BC Omni-Directional C	
7310	2	SONY	WRT867A66X	High-Quality Wireless Dynamic Handheld Transmitter	
7320	8	SONY	WRR840A64	Dual Diversity Receiver	
7330	2	SONY	WD820A	Antenna Divider	
7340	4	SONY	AN820A	Active Antenna	
<b>AUDIO &amp; VIDEO MONITORING</b>					
7360	5	SONY	PVM2950Q	29" Cubic Super Fine-Pitch Trinitron Color Monitor	
7370	1	BRETFORD	BBPN48P8	Wide Body Cabinet TV Cart w/ 8" Tires & Power	
7380	1	APHEX	722	Dominator II - Stereo Transmission Limit	
7390	1	JBL	4412AL	STUDIO MONITOR SPKR (LEFT)	
7400	1	JBL	4412AR	STUDIO MONITOR SPKR. (RIGHT)	
7410	1	BRYSTON	3BSTPRO	120/200W Professional Stereo Amplifier	
<b>INTERCOM</b>					
7430	1	CLEAR-COM	WBSPAC3	3-Beltpack Wireless Intercom System	

## Equipment List

ITM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
7440	1	CLEAR-COM	UPX10	Wireless IFB Transmitter Base Station	
7450	2	CLEAR-COM	RCV2D	2-Channel Wireless IFB Receiver Beltpack	
7460	4	CLEAR-COM	CC250	Double-Ear Standard Headset	
7470	3	CLEAR-COM	RS501	1-Channel Standard Beltpack	
7480	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
7490	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>PROMPTER SYSTEM</b>					
7510	1	QTV	WINCUEPRO	Computer Prompter Software	
7520	1	HP	D6720TABA	Kayak XA 450MHz Desktop PC Workstation	
7530	3	QTV	WINCUEPRO	Computer Prompter Software	
7540	3	QTV	15ONCAM	15" ON-camera Prompter	
<b>STUDIO PANELS</b>					
7560	4	SONY SIC	SIC00110	I/O PANEL FOR CAMERA DROPS, BOXES	
7570	6	SONY	CCTA-1000	Triax Cable	
<b>STUDIO B</b>					
<b>CAMERAS</b>					
7600	3	SONY	BVP900	High-End Studio/OB 12-Bit ADSP Camera Shell	PFE
7610	3	SONY	OHB-730WS	Optical Block	PFE
7620	3	SONY	J20XSUPER/CSS	Canon 20x Studio Zoom Lens W/ Lens Mod	PFE
7630	3	SONY	BVF77	Viewfinder-studio 7"	PFE
7640	3	VINTEN	3448-3	Vector 700 Studio OB Head	PFE
7650	3	VINTEN	3447-3	Quartz One Studio Pedestal	PFE
7660	1	VINTEN	10072	Nitrogen Regulator	PFE
7670	1	VINTEN	1503-4	High Pressure Hose	PFE
7680	2	SONY	DNW9WSPAC4	SX Camcorder Package	PFE
7690	2	SONY	CA755	Triax Adapter for DVW and DNW Camcorders	PFE
7700	2	SONY	A15X*DEVM	15X Fujinon Lens	PFE
7710	2	VINTEN	VIN250ELT	2-Stage EFP Tripod System w/ Spreader	
7720	5	SONY	RCP720	Remote Control Panel for BVP-700/750 Camera S	PFE
7730	5	SONY	CCU700A	Camera Control Unit	PFE
7740	8	SONY	CCA5/3US	CONTROL CABLE FOR BVP700/750	PFE
7750	5	SONY	BKP7311	SMPTE 259M Output Color	PFE
7760	1	SONY	CNU700	Command Network Unit	PFE
7770	1	SONY	MSU700	Master setup unit provides full control of the BVP-9	PFE
7780	1	SONY	VCS700	Monitoring Switcher for BVP-700/750 Camera Syst	PFE
7790	4	SONY	PCMCIA512K	Memory Cards	PFE
7800	1	SONY	BKP7900	Extender Boards	PFE
<b>MICROPHONES</b>					
7820	5	SONY	ECM55	Omni-Directional Electret Condenser Microphone	
7830	6	SONY	WRT860A64M55	Body Pack Transmitter with ECM-55BC Omni-Directional C	
7840	2	SONY	WRT867A66X	High-Quality Wireless Dynamic Handheld Transmitter	
7850	8	SONY	WRR840A64	Dual Diversity Receiver	
7860	2	SONY	WD820A	Antenna Divider	
7870	4	SONY	AN820A	Active Antenna	
<b>AUDIO &amp; VIDEO MONITORING</b>					
7890	5	SONY	PVM2950Q	29" Cubic Super Fine-Pitch Trinitron Color Monitor	
7900	1	BRETFORD	BBPN48P8	Wide Body Cabinet TV Cart w/ 8" Tires & Power	
7910	1	APHEX	722	Dominator II - Stereo Transmission Limit	
7920	1	JBL	4412AL	STUDIO MONITOR SPKR (LEFT)	

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**Equipment List**

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ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
7930	1	JBL	4412AR	STUDIO MONITOR SPKR. (RIGHT)	
7940	1	BRYSTON	3BSTPRO	120/200W Professional Stereo Amplifier	
<b>INTERCOM</b>					
7960	1	CLEAR-COM	WBSPAC3	3-Beltpack Wireless Intercom System	
7970	1	CLEAR-COM	UPX10	Wireless IFB Transmitter Base Station	
7980	2	CLEAR-COM	RCV2D	2-Channel Wireless IFB Receiver Beltpack	
7990	4	CLEAR-COM	CC250	Double-Ear Standard Headset	
8000	3	CLEAR-COM	RS501	1-Channel Standard Beltpack	
8010	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
8020	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
8030	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>PROMPTER SYSTEM</b>					
8050	1	QTV	WINCUEPRO	Computer Prompter Software	
8060	1	HP	D6720TABA	Kayak XA 450MHz Desktop PC Workstation	
8070	3	QTV	WINCUEPRO	Computer Prompter Software	
8080	3	QTV	15ONCAM	15" ON-camera Prompter	
<b>STUDIO PANELS</b>					
8100	4	SONY SIC	SIC00110	I/O PANEL FOR CAMERA DROPS, BOXES	
8110	6	SONY	CCTA-1000	Triax Cable	
<b>ANNOUNCE BOOTH</b>					
<b>MICROPHONE</b>					
8140	1	ELECTRO-VOICE	RE27N/D	Microphone	PFE
8150	1	O.C. WHITE	51900	Desk Boom Stand	PFE
8160	1	MIDDLE ATLANTIC	GS5	Pop Filter	PFE
8170	1	BEHRINGER	HA4400	POWERPLAY PRO 4-Channel Headphone System	
<b>ROUTER CONTROL PANELS</b>					
8190	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
<b>INTERCOM</b>					
8210	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
8220	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>POST-PRODUCTION ANNOUNCE BOOTH</b>					
<b>MICROPHONE</b>					
8250	1	ELECTRO-VOICE	RE27N/D	Microphone	
8260	1	ATLAS/SOUNDOLIER	DS7	Adjustable Desktop Microphone Stand	
8270	1	MIDDLE ATLANTIC	GS5	Pop Filter	PFE
8280	1	BEHRINGER	HA4400	POWERPLAY PRO 4-Channel Headphone System	
<b>ROUTER CONTROL PANELS</b>					
8300	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
<b>INTERCOM</b>					
8320	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
8330	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>EDIT SUITE #1</b>					
<b>NON-LINEAR SYSTEM</b>					
8350	1	SONY	XPRI DMW-S01NL	SDTV Non-linear Production System Workstation & AV I/O Windows 2000 Professional OS 866 MHz Dual Intel Xeon CPUs	

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**Equipment List**

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ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
8360	1	SONY	External Cntrl Panels	512 MB RAM (Expandable to 2GB) of 133MHz Bus Ultra 2 Wide SCSI Hard Disk Drive 6 PCI Slots 5U Size (WorkStation + AV I/O Block), Rack Mount	
				Audio Cntrl Panel Jog/Shuttle Cntrl Panel Media Bar Cntrl Panel Track Ball Cntrl Panel	
8370	1	SONY	DMW-ST001	Disk Storage Unit 180GB Storage Unit	
8380	1	SONY	DMW-STA002	Fibre Channel Interface Card (Raid Option)	
8390	1	SONY	CDPD500	COMPACT DISK PLAYER UNIT	
8400	1	GAINES	642	2-Ch. Balanced Line Interface [RCA/XLR]	
<b>VIDEO &amp; AUDIO MONITORING</b>					
8420	1	SONY	PVM20M4U	19" COLOR MONITOR	
8430	1	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)	
8440	2	SONY	GDMF400	19" FLAT DISPLAY	
8450	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor	
8460	1	TEKTRONIX	1700F05	Dual Rack Mount Kit	
8470	1	TEKTRONIX	1700F06	Blank Filler Panel for 1700F05	
8480	1	CROWN	D75A	Dual Channel Audio Amplifier	
8490	2	ELECTROVOICE	SENTRY100A	Audio Monitor Speaker, Non-Powered	
<b>VIDEOTAPE ACCESS</b>					
8510	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	
8520	1	SONY	RMM111	RACK MOUNT KIT	
<b>INTERCOM</b>					
8540	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
8550	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>ROUTER CONTROL</b>					
8570	1	SONY	BKSR3210	X-Y CONTROL UNIT	
<b>RACKS &amp; CONSOLE</b>					
8590	1	EASTBOARD CONSOLES	34280002	Post Production Console (4 Bay w/ rack on the side)	
8600	1	EASTBOARD CONSOLES	34280007	Post Production Client Console (3 Bay Table)	

**EDIT SUITE #2**

**NON-LINEAR SYSTEM**

8630	1	SONY	ES3PAC1	ES3 EditStation™ Nonlinear Editor Package
8640	1	SONY	ESBK3031	SDI/SDTI Interface Option for ES-3
8650	1	SONY	ESBK3021	Effects Accelerator Board
8660	1	SONY	ESBK3032	Uncompressed 4:2:2 Option
8670	1	SONY	ESBK7011	ES-7/ES-3 Edit Station Control Panel
8680	1	SONY	ES3SPT2	ES3 Support Net Agreement 2nd Year
8690	1	SONY	CDPD500	COMPACT DISK PLAYER UNIT
8700	1	GAINES	642	2-Ch. Balanced Line Interface [RCA/XLR]

**VIDEO & AUDIO MONITORING**

8720	1	SONY	PVM20M4U	19" COLOR MONITOR
8730	1	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)
8740	2	SONY	GDMF400	19" FLAT DISPLAY
8750	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor
8760	1	TEKTRONIX	1700F05	Dual Rack Mount Kit

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
8770	1	TEKTRONIX	1700F06	Blank Filler Panel for 1700F05	
8780	1	CROWN	D75A	Dual Channel Audio Amplifier	
8790	2	ELECTROVOICE	SENTRY100A	Audio Monitor Speaker, Non-Powered	
<b>VIDEOTAPE &amp; SERVER ACCESS</b>					
8810	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	
8820	1	SONY	RMM111	RACK MOUNT KIT	
<b>INTERCOM</b>					
8840	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
8850	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>ROUTER CONTROL</b>					
8870	1	SONY	BKSR3210	X-Y CONTROL UNIT	
<b>RACKS &amp; CONSOLE</b>					
8890	1	WINSTED	E4523	59" Wide Digital w/ 20RU Vertical Rack	
8900	1	EASTBOARD CONSOLES	34280002	Post Production Console (3 Bay w/ rack on the side)	
8910	1	EASTBOARD CONSOLES	34280007	Post Production Client Console (3 Bay Table)	

**EDIT SUITE #3****NON-LINEAR SYSTEM**

8940	1	AVID	MC1000XL NT	Avid Media Composer Non Linear Editor	PFE
8950	1	TBD	TBD	500MHz PIII, 256MB RAM, 9GB HD,2 MC 100XL	PFE
8960	1	Mitsubishi	Dplus120U	Monitor	PFE
8970	1	AVID	MEDIADOCK	Mediadock LVD Tower System	PFE
8980	1	AVID	IS36	is36 Media Dock LVD Shuttle	PFE
8990	1	AVID	3D EFECTS	3D Effects Option	PFE
9000	1	AVID	ASSURANCE	Support	PFE
9010	1	AVID	AFICE	SF/X After Effects On ICE	PFE
9020	1	AVID	AFULTRA	SF/X After Effects Ultra	PFE
9030	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	PFE
9040	1	SONY	BVR50	Remote TBC	PFE
9050	1	SONY	RMM111	RACK MOUNT KIT	

**EDIT SUITE #4****NON-LINEAR SYSTEM**

9080	1	AVID	MC1000XL NT	Avid Media Composer Non Linear Editor	PFE
9090	1	TBD	TBD	500MHz PIII, 256MB RAM, 9GB HD,2 MC 100XL	PFE
9100	1	Mitsubishi	Dplus120U	Monitor	PFE
9110	1	AVID	MEDIADOCK	Mediadock LVD Tower System	PFE
9120	1	AVID	IS36	is36 Media Dock LVD Shuttle	PFE
9130	1	AVID	3D EFECTS	3D Effects Option	PFE
9140	1	AVID	ASSURANCE	Support	PFE
9150	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	PFE
9160	1	SONY	BVR50	Remote TBC	PFE
9170	1	SONY	RMM111	RACK MOUNT KIT	

**DESKTOP STATIONS****DESKTOP EDITOR**

9200	6	MICROSOFT/LOUTH	V007008	Windows NT Workstation 4.0 Single User
9210	6	SONY	PEP	Proxy-Editor-Player Software

**WYCC 20**  
**Equipment List**

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ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
<b>ELECTRONIC GRAPHICS</b>					
9230	1	PCWAREHOUSE	PCWGTS	WIDOWS NT 4.0 Workstation	
9240	1	PCWAREHOUSE		Intel Pentium III 800 MHz w/ 512MB RAM	
9250	1	MATROX	G450TV	Matrox Marvel Monitor Card W/ Capture 32 MB	
9260	1	IBM	75GXP	IBM 20 GB Ultra IDE Hard drive	
9270	1	IBM	36LZX	IBM 36 GB Ultra SCSI 160 SCSI Hard Drive	
9280	1	ADAPTEC	29160	U160 LVD SCSI Card	
9290	1	TOSHIBA		Internal 16X DVD ROM Drive	
9300	1	HP	9500I	Internal 32/12/8X Rewriteable Eide Drive	
9310	1	IOMEGA	JAZ	Internal 2GB Jaz Drive	
9320	1	TECH		1.44 MB Floppy Drive	
9330	1	ADAPTEC	4300	Fiber connect 3 firwire 1394 Port	
9340	1	3COM	10/100MS	Ethernet Card	
9350	1	ANTEC		ATX full Tower Case 10 Bay 300 Watt	
9360	1	MICROSOFT		Natural Keyboard	
9370	1	MICROSOFT		Intellimouse	
9380	1	MICROSOFT	WINDOWS NT 4.0	WIDOWS NT 4.0 Workstation	
9390	1	ADOBE		Dynamic Media Collection (Photoshop, Aftereffects...)	
9400	1	WACOM	GRAPHIRE	4" X 5" Mouse, Pen & tablet	
9410	1	EPSON	STYLUSCOLOR980	Stylus Color 980 Printer	
9420	1	EPSON	E1600PRO	EXPRESSION PROOF SCANNER	
9430	1	MAP RESOURCES	CD3	USA 1	
9440	1	MAP RESOURCES	CD2	International 1	
9450	1	PHOTODISC	PHD360	Background Series 28: Business Graphics	
9460	1	PHOTODISC	PHD173	Background Series 02: Industrial Landscapes	
9470	1	PHOTODISC	PHD276	Background Series 14: Earth in Focus	
9480	1	PHOTODISC	PHD210	Background Series 19: The Essentials	
9490	1	PHOTODISC	PHD313	Background Series 25: Seasonal Backgrounds	
9500	1	CORPORATE MOTION	CRM112-7	Corporate Motion Volume1 Sequenced JPGs	
<b>MONITORING</b>					
9520	1	SONY	PVM20M4U	19" COLOR MONITOR	
9530	1	SONY	BKM101C	COMPONENT SER. DIG. INT KIT(V)	
9540	1	SONY	GDMF400	19" FLAT DISPLAY	
9550	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor	
9560	1	TEKTRONIX	1700F05	Dual Rack Mount Kit	
9570	1	TEKTRONIX	1700F06	Blank Filler Panel for 1700F05	
<b>VIDEOTAPE &amp; SERVER ACCESS</b>					
9590	1	SONY	DNWA75	DIGITAL VIDEOCASSETTE RECORDER	
9600	1	SONY	RMM111	RACK MOUNT KIT	
9610	1	SONY	DSR20	HALF RACK DISTRIBUTION VTR	
9620	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT	
<b>INTERCOM</b>					
9640	1	CLEAR-COM	ICS92	1RU 9-Key Display Station	
9650	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone	
<b>ROUTER CONTROL</b>					
9670	1	SONY	BKSR3210	X-Y CONTROL UNIT	
<b>RACKS &amp; CONSOLE</b>					
9690	1	WINSTED	E4523	59" Wide Digital w/ 20RU Vertical Rack	
<b>RECEPTION</b>					

**WYCC 20**  
**Equipment List**

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PFE  
TBD

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION
<b>MONITORS</b>				
9720	5	SONY	PFM500A3WU	42" Flat Panel Display Monitor
9730	1	SONY	CPDG200	17" FD TRINITRON
<b>SWITCHING &amp; PROCESSING</b>				
9750	1	EXTRON	SW2ARXI	Two Input Analog RGBS Switcher
9760	1	EXTRON	SW6SAMX	6x2 Stereo Audio Switcher
9770	1	EXTRON	RGB118	Universal Analog/ECL/TTL Interface
9780	1	EXTRON	2610601	T-VGA VGA and Super VGA Adapter Plug
9790	1	SONY	BKPFL602C	Component Video D/A Converter Board
9800	1	SONY	BKSR3209	UNIVERSAL CONTROL UNIT
9810	1	SONY	BKPF206	A/V DEMULTIPLEXER BOARD
<b>VIDEOTAPE &amp; SERVER CONTROL</b>				
9830	1	SONY	SLVM91HF	VHS VIDEO DECK
9840	1	SONY	DVPS7000	DVD Player
9850	2	GAINES	642	2-Ch. Balanced Line Interface [RCA/XLR]
<b>AUDIO SYSTEM</b>				
9870	1	CROWN	D75A	Dual Channel Audio Amplifier
9880	2	ELECTROVOICE	SENTRY100A	Audio Monitor Speaker, Non-Powered
9890	2	OMNIMOUNT	75WB	WALL ASSEMBLY BOTTOM MOUNT
<b>SYSTEM CONTROL</b>				
9910	1	AMX	AMX3428	AMX Remote Control System
9920	1	HP	D7612TABA	Brio BAx PIII 450MHz 8.4GB Microtower PC
9930	1	CLEAR-COM	ICS92	1RU 9-Key Display Station
9940	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone
9950	1	LUTRON	GRX3106TWH	GRAFIK Eye 3000 Preset Dimming Control
9960	3	LUTRON	HP2	HomeWorks 120A Dimming Module
9970	2	LUTRON	NTGRX4S	GRAFIK Eye 3000 Scene Selection Control
<b>MAINTENANCE SHOP</b>				
<b>AUDIO &amp; VIDEO MONITORING</b>				
10000	1	SONY	BKM20D	4:2:2 DIGITAL ADAPTER
10010	1	SONY	BKM24N	PRECISION NTSC DECODER
10020	1	SONY	BKM10R	REMOTE CONTROL PANEL
10030	1	SONY	BKM12Y/US	1 MEG S RAM CARD
10040	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor
10050	1	TEKTRONIX	1700F05	Dual Rack Mount Kit
10060	1	TEKTRONIX	1740A	NTSC Waveform/Vector Monitor
10070	1	TEKTRONIX	1700F05	Dual Rack Mount Kit
10080	1	WOHLER	AMP2VSD	2RU MONITOR SPEAKER SYSTEM
<b>INTERCOM</b>				
10100	1	CLEAR-COM	ICS92	1RU 9-Key Display Station
10110	1	CLEAR-COM	GM18	18" Plug-In Gooseneck Microphone
<b>ROUTER CONTROL</b>				
10130	1	SONY	BKSR3210	X-Y CONTROL UNIT
<b>DIGITAL CONTENT MANAGEMENT</b>				
<b>PETASITE STORAGE</b>				
10160	1	SONY	DMSB150L	Robotic Data Tape Library
10170	1	SONY	DMSEX150L	Extension Console for PetaSite DMSB150L
10180	1	SONY	PSC/NT	PetaSite Control Software and Hardware

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
10190	4	SONY	GY8240UWD	DTF-2 Tape Drives	
10200	150	SONY	GW2-200GL	DTF-2 Large Cassettes (200GB)	
10210	1	SONY	GW-90CL	DTF Cleaning Cassette	
10220	1	SONY	Install	PetaSite Installation Cost	
10230	1	SUN	A25-UMF4-4GGD1	Enterprise 450 Server	
10240	1	SONY	CPS-220GS	17" Computer Display Monitor	
10250	1	SUN	X7038A	256 MB DRAM Expansion	
10260	16	SUN	X5242A	Internal UltraSCSI 36.4 GB Disk Drive	
10270	2	SUN	X1140A	Gigabit Network Interface Card	
10280	2	SUN	X3856A	SCSI Cable Kit	
10290	2	SUN	X6540A	Dual Channel S-E UltraSCSI Adapter	
10300	1	SUN	SEA19300C9999	Solaris Easy Access Server 3.0 Media Kit	
10310	4	ANTARES	P-0002	PCI-SE-2 Dual Sync/A Sync Serial Controller	
10320	1	SONY	FZC-HS1	PetaServe Software CD-ROM and User's Guide	
10330	1	SONY	FZC-ST1	MSS (Mass Storage Server) License	
10340	1	SONY	FZC-LBL	Server License for DMSB150L	
10350	1	SONY	FZC-LBLX1	Server License for DMSEX150L	
10360	1	SONY	FZC-MCDS1000	Migration Client License for up to 1 TB Capacity	
<b>INGEST MANAGER</b>					
10380	4	INTEL-BASED	WORKSTATION	P3-500 (Or Greater) and 256 MB RAM	
10390	4	INTEL-BASED	WORKSTATION	P3-733 (Or Greater) and 256 MB RAM	
10400	8	SONY	CDP-220GS	17" Computer Display Monitor	
10410	4	ROCKETPORT	494619	PCI 16 Port 32 Bit	
10420	4	ROCKETPORT	149390	Interface 16 Port	
10430	4	SEALEVEL	8002	GPIO Card DIO-16.PCI	
10440	4	SEALEVEL	KT-101	Systems Cable	
10450	8	MINERVA	VNP-251	MPEG-1 and MPEG-2 Encoder	
10460	4	OSPREY	OSPREY-100	Video Capture Card	
10470	4	SONY	RTC 1.1	SDC Real-Time Controller Software	
10480	4	VIRAGE	Videologger	Logging and Keyframe Capture Software	
<b>MEDIA ASSET SOFTWARE</b>					
10500	1	BULLDOG	Application	4,500 Hours of Material	
<b>CAMERA FLYPACK 1 (CFP 1)</b>					
<b>CAMERAS</b>					
10530	3	SONY	BVP950	12-Bit ADSP Camera Shell	
10540	3	SONY	BVF10	B/W Viewfinder for BVP-570/BVP-950	
10550	3	SONY	CA570	Triax Adapter For BVP570	
10560	3	SONY	BVF55	5" High-Resolution Viewfinder	
10570	3	SONY	A17X78BERM	17X Fujinon Lens	
10580	3	FUJINON	SS01	Full Servo Focus & Zoom Controls	
10590	3	VINTEN	VIN250ELT	2-Stage EFP Tripod System w/ Spreader	
10600	3	VINTEN	TBD	Dolly System	
10610	3	SONY	RCP720	Remote Control Panel for BVP-700/750 Camera Systems	
10620	3	SONY	CCU700A	Camera Control Unit	
10640	5	SONY	PVM8042Q	COLOR VIDEO MONITOR	
10650	1	SONY	MB520	MOUNTING BRACKET	
10660	1	SONY	PFVL10	Interface Unit	
10670	1	SONY	BKPFLS10	Redundant Power Supply Unit for PFV-L10 frame.	

## Equipment List

PFE

TBD

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION
10680	2	SONY	BKPFL753A	Analog Audio Distribution Board
10690	2	SONY	BKPFL703A	Analog Video Distribution Board
10700	2	WOHLER	VM4	1RU 4-Channel Analog Confidence Monitor
<b>AUDIO CONTROL</b>				
10720	1	MACKIE	1604VLZ	16 CHANNEL AUDIO MIXER
10730	1	SONY SIC	CUSTOM	SLIDE RAILS FOR AUDIO MIXER
10740	2	SONY	MDR7509	High-quality Professional Headphones
10750	4	ELECTRO VOICE	RE50/B	Omnidirectional Microphone
10760	4	SONY	ECM55	Omni-Directional Electret Condenser Microphone
10770	4	SONY	WRT860A64M55	Body Pack Transmitter with ECM-55BC Omni-Directional C
10780	2	SONY	WRT867A66X	High-Quality Wireless Dynamic Handheld Transmitter
10790	6	SONY	WRR840A64	Dual Diversity Receiver
10800	1	SONY	WD820A	Antenna Divider
10810	2	SONY	AN820A	Active Antenna
<b>INTERCOM</b>				
10830	4	CLEAR COM	RS501	Single Channel Belt Pack
10840	4	CLEAR COM	CC95	Professional Single Ear-Headset
10850	3	CLEAR COM	CC260	Professional Double Ear-Headset
10860	2	CLEAR COM	TR50	IFB Talent Receiver W/ Earphone
10870	1	RTS	SAP 612	Source Assign Panel for 6 channels to 12 Positions
10880	3	CLEAR COM	CC-260	Professional Double-Ear Headset
10890	3	CLEAR COM	AB100	Program Audio On-Air Announcers Box
<b>ROAD CASE RACKS</b>				
10910	3	TBD	TBD	Road cases

**CAMERA FLYPACK 2 (CFP 2)****CAMERAS**

10940	3	SONY	BVP950	12-Bit ADSP Camera Shell
10950	3	SONY	BVF10	B/W Viewfinder for BVP-570/BVP-950
10960	3	SONY	CA570	Triax Adapter For BVP570
10970	3	SONY	A17X78BERM	17X Fujinon Lens
10980	3	VINTEN	VIN250ELT	2-Stage EFP Tripod System w/ Spreader
10990	3	VINTEN	TBD	Dolly System

**CHARACTER GENERATOR**

11010	1	PINNACLE	211002ND	Flex Deko Digital 2 Channel System
11020	1	PINNACLE	DEKOAUTN	Deko Automation Software
11030	1	PINNACLE	DEKOSTILLN	StillDeko Option
11040	1	PINNACLE	DEKOKBDN	Deko Fast Action Keyboard
11050	1	PINNACLE	151022RK	LIGHTNING 22-29 INCH RACK SLIDES

**VIDEOTAPE**

11070	3	SONY	DSR1800	DVCAM Studio Editing Recorder/Player
11080	3	SONY	DSBK1801	SDI/AES/EBU INPUT/ OUTPUT BOARD
11090	3	SONY	RMM130US	RACK MOUNT DOMESTIC
11100	3	SONY	DSRM10	WIRED REMOTE CONTROL UNIT FOR DVCAM
11110	2	SONY	PDVM12CL	Prof. DVCAM Clean Cass Mini
11120	3	SONY	PVM5041Q	Fine-Pitch 5" Color Monitor
11130	1	SONY	MB520	Rack Mount Kit for 5" and 8" Monitors

**AUDIO & VIDEO MONITORING**

11150	1	TEKTRONIX	WFM601A	Serial Component Waveform Monitor
11160	1	TEKTRONIX	1700F05	Dual Rack Mount Kit

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
11170	1	TEKTRONIX	1700F06	Blank Filler Panel for 1700F05	
11180	2	DORROUGH	40A2	Analog Audio Loudness Meter	
11190	2	SONY	PVM14MU	14" (13"V) Color Production Monitor	
11200	2	SONY	BKM101C	SMPTE 259M Component Serial Digital Interface Kit	
				Rack Mount Kit for 13" PVM B&W and Color	
11210	2	SONY	MB502B	Monitors	
11220	4	SONY	PVM8042Q	COLOR VIDEO MONITOR	
11230	2	SONY	MB520	MOUNTING BRACKET	
11240	12	SONY	PVM5041	Fine-Pitch 5" Color Monitor	
11250	4	SONY	MB520	Rack Mount Kit for 5" and 8" Monitors	
11260	2	WOHLER	VM4	1RU 4-Channel Analog Confidence Monitor	
<b>AUDIO CONTROL</b>					
11280	1	MACKIE	1604VLZ	16 CHANNEL AUDIO MIXER	
11290	1	TBD	Lot	MICROPHONES	
<b>INTERCOM</b>					
11310	1	CLEAR COM	SB440	Four Channel Assignment Matrix Main station	
11320	2	CLEAR COM	RMM220	Rack Mount Kit Two-Channel Intercom Remote Station	
11330	3	CLEAR COM	GM9	9" Gooseneck Mic	
11340	6	CLEAR COM	RS501	Single Channel Belt Pack	
11350	3	CLEAR COM	RK101	Rack Mount Kit For RS-501	
11360	9	CLEAR COM	CC95	Professional Single Ear-Headset	
11370	3	CLEAR COM	CC260	Professional Double Ear-Headset	
11380	2	CLEAR COM	TR50	IFB Talent Receiver	
11390	1	CLEAR COM	TW12B	System Interface	
<b>ROAD CASE RACKS</b>					
11410	6	TBD	TBD	Road cases	

**FIBER FLY PACK A (FFP A)****FIBER OPTIC DELIVERY SYSTEM - Origination End****Camera Fiber-Camera Head**

11440	3	TELECAST FIBER	CBRAUCH2S	Cobra Universal Transceiver Frame [CHE]
11450	3	TELECAST FIBER	CBRAWB1CKG	Personality Module - Camera End (Wideband Son

**Video, Audio & Intercom Fiber**

11470	2	TELECAST FIBER	VR-6S-AUX-0	Viper 2RU 19" Rack Enclosure (4 Video / 4 Audio /
11480	2	TELECAST FIBER	TX/RX103-P	Video Transmitter/Receiver Module Set (1300nm)
11490	2	TELECAST FIBER	TX/RX259-SW	Digital Video Transmitter/Receiver Module Set (13
11500	2	TELECAST FIBER	TX/RX280-S	Dual Audio Transmitter/Receiver Module Set (130
11510	2	TELECAST FIBER	TXRX380	Dual Audio Expansion Module Set
11520	2	TELECAST FIBER	ADDR-AUX-4W	Intercom Module
11530	1	TELECAST FIBER	EEL-4	AC to DC Converter, 4 Port
11540	2	TELECAST FIBER	EEL CORD	Power Output Cord for EEL-4

**Fiber Breakout**

11560	3	TELECAST FIBER	MCPV-4-08-10M	4-Pin Hemaphroditic Fiber to ST Breakout - Single
11570	4	TELECAST FIBER	MCPV-4-08-10M	4-Pin Hemaphroditic Fiber to ST Breakout - Multim

**TERMINAL EQUIPMENT****DAs**

11600	1	SONY	PFVL10	INTERFACE UNIT
11610	1	SONY	BKPFLPS10	BACKUP POWER SUPPLY UNIT
11620	4	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD
11630	4	SONY	BKPFL703/1	ANALOG VIDEO DISTRIBUTOR

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**Equipment List**

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ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
11640	1	LEITCH	FR884	2RU AUDIO DISTRIBUTION FRAME	
11650	8	LEITCH	APD8803	AUDIO DA STEREO IN 3 STEREO OUT, 2 MON	
11660	8	ADC	HUM1	HUMBUCKER COIL	
11670	1	MIDDLE ATLANTIC	VDS	RACKMOUNT VIDEO SHELF FOR 30 DEEP ENC	
<b>Video Patching</b>					
11690	1	ADC	PPI2226RS75N	75-Ohm Coax Patch Bay	
11700	15	ADC	BK4V	4FT BLACK VIDEO PATCH CORD	
<b>Audio Patching</b>					
11720	1	ADC	BJF1034MKII	AUDIO PATCHBAY	
11730	30	ADC	BK6	6FT AUDIO PATCH CORD	
<b>Monitoring</b>					
11750	1	VIDEOTEK	RS103A	10 X1 Video Switcher w/RS-232 IF	
11760	1	SONY	PVM8041Q	COLOR VIDEO MONITOR	
11770	1	SONY	MB507//A	BPPG MONITOR MOUNTING BRACKET	
11780	1	SONY	MB508//A	BLANK PANEL FOR MB507 & 5" MON	
11790	1	VIDEOTEK	APM200	AUDIO PROGRAM MONITOR	
<b>COMMUNICATIONS SYSTEM</b>					
11810	2	RTS	PS15	POWER SUPPLY FOR 16-20 STATIONS	
11820	1	RTS	MCP1	DUAL RACKMOUNT KIT	
11830	6	RTS	BP325	Programmable Two Channel Headset Station	
11840	6	BEYER	DT108	200ohm BLACK SINGLE MUFF HEADSET	
11850	1	RTS	SAP612	6-CHNL SOURCE ASSIGNMENT PANEL	
11860	4	RTS	SSA424	SYSTEM TO SYSTEM ADAPTER	
11870	2	RTS	MCP1	DUAL RACKMOUNT KIT	
<b>ROAD CASE RACKS</b>					
11890	2	TBD	TBD	Road cases	

**FIBER FLY PACK B (FFP B)**

**FIBER OPTIC DELIVERY SYSTEM - Origination End**

**Camera Fiber-Camera Head**

11920	3	TELECAST FIBER	CBRAUCH2S	Cobra Universal Transceiver Frame [CHE]
11930	3	TELECAST FIBER	CBRAWB1CKG	Personality Module - Camera End (Wideband Son

**Video, Audio & Intercom Fiber**

11950	2	TELECAST FIBER	VR-6S-AUX-0	Viper 2RU 19" Rack Enclosure (4 Video / 4 Audio /
11960	2	TELECAST FIBER	TX/RX103-P	Video Transmitter/Receiver Module Set (1300nm)
11970	2	TELECAST FIBER	TX/RX259-SW	Digital Video Transmitter/Receiver Module Set (13
11980	2	TELECAST FIBER	TX/RX280-S	Dual Audio Transmitter/Receiver Module Set (130
11990	2	TELECAST FIBER	TXRX380	Dual Audio Expansion Module Set
12000	2	TELECAST FIBER	ADDR-AUX-4W	Intercom Module
12010	1	TELECAST FIBER	EEL-4	AC to DC Converter, 4 Port
12020	2	TELECAST FIBER	EEL CORD	Power Output Cord for EEL-4

**Fiber Breakout**

12040	3	TELECAST FIBER	MCPV-4-08-10M	4-Pin Hemaphroditic Fiber to ST Breakout - Single
12050	4	TELECAST FIBER	MCPV-4-08-10M	4-Pin Hemaphroditic Fiber to ST Breakout - Multim

**TERMINAL EQUIPMENT**

**DAs**

12080	1	SONY	PFVL10	INTERFACE UNIT
12090	1	SONY	BKPFLPS10	BACKUP POWER SUPPLY UNIT
12100	4	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD
12110	4	SONY	BKPFL703/1	ANALOG VIDEO DISTRIBUTOR

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
12120	1	LEITCH	FR884	2RU AUDIO DISTRIBUTION FRAME	
12130	8	LEITCH	APD8803	AUDIO DA STEREO IN 3 STEREO OUT, 2 MON	
12140	8	ADC	HUM1	HUMBUCKER COIL	
12150	1	MIDDLE ATLANTIC	VDS	RACKMOUNT VIDEO SHELF FOR 30 DEEP ENC	
<b>Video Patching</b>					
12170	1	ADC	PPI2226RS75N	75-Ohm Coax Patch Bay	
12180	15	ADC	BK4V	4FT BLACK VIDEO PATCH CORD	
<b>Audio Patching</b>					
12200	1	ADC	BJF1034MKII	AUDIO PATCHBAY	
12210	30	ADC	BK6	6FT AUDIO PATCH CORD	
<b>Monitoring</b>					
12230	1	VIDEOTEK	RS103A	10 X1 Video Switcher w/RS-232 IF	
12240	1	SONY	PVM8041Q	COLOR VIDEO MONITOR	
12250	1	SONY	MB507//A	BPPG MONITOR MOUNTING BRACKET	
12260	1	SONY	MB508//A	BLANK PANEL FOR MB507 & 5" MON	
12270	1	VIDEOTEK	APM200	AUDIO PROGRAM MONITOR	
<b>COMMUNICATIONS SYSTEM</b>					
12290	2	RTS	PS15	POWER SUPPLY FOR 16-20 STATIONS	
12300	1	RTS	MCP1	DUAL RACKMOUNT KIT	
12310	6	RTS	BP325	Programmable Two Channel Headset Station	
12320	6	BEYER	DT108	200ohm BLACK SINGLE MUFF HEADSET	
12330	1	RTS	SAP612	6-CHNL SOURCE ASSIGNMENT PANEL	
12340	4	RTS	SSA424	SYSTEM TO SYSTEM ADAPTER	
12350	2	RTS	MCP1	DUAL RACKMOUNT KIT	
<b>ROAD CASE RACKS</b>					
12370	2	TBD	TBD	Road cases	

**FIBER HUB EQUIPMENT (FHE)****FIBER OPTIC DELIVERY SYSTEM - Destination End****Camera Fiber-Base Station**

12400	9	TELECAST FIBER	CBRAUBS2S	Cobra Universal Transceiver Frame [BSE]
12410	9	TELECAST FIBER	CBRASWB1BSKG	Personality Module [Base Station End]

**Video, Audio & Intercom Fiber**

12420	6	TELECAST FIBER	VR-6S-AUX-0	Viper 2RU 19" Rack Enclosure (4 Video / 4 Audio /
12430	6	TELECAST FIBER	TX/RX103-P	Video Transmitter/Receiver Module Set (1300nm)
12440	6	TELECAST FIBER	TX/RX259-SW	Digital Video Transmitter/Receiver Module Set (13
12450	6	TELECAST FIBER	TX/RX280-S	Dual Audio Transmitter/Receiver Module Set (130
12460	6	TELECAST FIBER	TXRX380	Dual Audio Expansion Module Set
12470	6	TELECAST FIBER	ADDR-AUX-4W	Intercom Module
12480	2	TELECAST FIBER	EEL-4	AC to DC Converter, 4 Port
12490	6	TELECAST FIBER	EEL CORD	Power Output Cord for EEL-4

**Fiber Breakout**

12510	9	TELECAST FIBER	MCPV-4-08-10M	4-Pin Hemaphroditic Fiber to ST Breakout - Single
12520	12	TELECAST FIBER	MCPV-4-08-10M	4-Pin Hemaphroditic Fiber to ST Breakout - Multim

**FIBER I/O PANEL - DESTINATION**

12540	3	SONY	TBD	CUSTOM FIBER I/O PANEL
12550	21	TELECAST FIBER	CONN_PH-PK	4-Pin Hemaphroditic Fiber Connector Kit

**TERMINAL EQUIPMENT**

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
<b>DAs</b>					
12580	3	SONY	PFVL10	INTERFACE UNIT	
12590	3	SONY	BKPFLPS10	BACKUP POWER SUPPLY UNIT	
12600	12	SONY	BKPFL632	MONITORING COMPSTE ENCODR BRD	
12610	12	SONY	BKPFL703/1	ANALOG VIDEO DISTRIBUTOR	
12620	3	LEITCH	FR884	2RU AUDIO DISTRIBUTION FRAME	
12630	24	LEITCH	APD8803	AUDIO DA STEREO IN 3 STEREO OUT, 2 MON	
12640	8	ADC	HUM1	HUMBUCKER COIL	
12650	1	MIDDLE ATLANTIC	VDS	RACKMOUNT VIDEO SHELF FOR 30 DEEP ENC	
<b>Video Patching</b>					
12670	3	ADC	PPI2226RS75N	75-Ohm Coax Patch Bay	
12680	15	ADC	BK4V	4FT BLACK VIDEO PATCH CORD	
<b>Audio Patching</b>					
12700	3	ADC	BJF1034MKII	AUDIO PATCHBAY	
12710	30	ADC	BK6	6FT AUDIO PATCH CORD	
<b>COMMUNICATIONS SYSTEM</b>					
12720	2	RTS	SAP612	6-CHNL SOURCE ASSIGNMENT PANEL	
12730	12	RTS	SSA424	SYSTEM TO SYSTEM ADAPTER	
12740	6	RTS	MCP1	DUAL RACKMOUNT KIT	
<b>RACKS</b>					
12760	3	APW	O162b001	45RU Cabinet Assembly [ Black]	
12770	3	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
12780	3	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
12790	3	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
12800	18	APW	ALB78	78"VPS Aluminum Lacing Bar	
12810	3	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
12820	3	APW	HINGEKT	Hinge Kit, For Pioneer Door	
12830	2	APW	T3SP7830	Side Panel, Set of 2	
<b>Production Wiring - KKC THEATER</b>					
<b>I/O PANEL EQUIPMENT</b>					
<b>Camera I/O Panel</b>					
12870	3	SONY	TBD	CUSTOM CAMERA I/O PANEL	
12880	3	ROSE ENCLOS	21406000	FIBERGLASS WATERTIGHT CABINET	
12890	6	ROSE ENCLOS	21610002	LOCKING DOOR HANDLE W/KEY	
12900	3	SONY	TBD	100' Interface Harness	
<b>Camera Patching</b>					
12920	1	SONY	TBD	CUSTOM TRIAX PATCH PANEL	
12930	6	KINGS	77032	Tri-Loc Connector [Female]	
12940	6	KINGS	77052	Tri-Loc® Male Cable Mount Plug	
12950	1	BELDEN	1857A (1000)	RG59 Extra Flexible Triaxial Video Cable	
12960	1	BELDEN	1858A (1000)	RG11 Triaxial Video Cable	
<b>Video Patching</b>					
12980	1	ADC	PPI2226RS75N	75-Ohm Coax Patch Bay	
12990	5	ADC	BK4V	4FT BLACK VIDEO PATCH CORD	
13000	4	BELDEN	8281 (1000)	Precision Video Cable	
<b>Audio Patching</b>					
13020	1	ADC	BJF1034MKII	AUDIO PATCHBAY	
13030	10	ADC	BK6	6FT AUDIO PATCH CORD	

## Equipment List

ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
13040	6	BELDEN	1814A (1000)	2 Pair Shielded Audio/ Intercom Cable	
		<b>Radio/ PA I/O</b>			
13060	1	SONY	TBD	CUSTOM AUDIO-INTERCOM I/O PANEL	
13090	1	SONY	LOT	Video, Audio & Intercom Connectors	
		<b>Fiber I/O Panel</b>			
13110	1	SONY	TBD	CUSTOM FIBER I/O PANEL	
13120	7	TELECAST FIBER	CONN_PH-PK	4-Pin Hemaphroditic Fiber Connector Kit	
<b>RACKS</b>					
13140	1	APW	O162b001	45RU Cabinet Assembly [ Black]	
13150	1	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
13160	1	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
13170	1	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
13180	6	APW	ALB78	78"VPS Aluminum Lacing Bar	
13190	1	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
13200	1	APW	HINGEKT	Hinge Kit, For Pioneer Door	
13210	2	APW	T3SP7830	Side Panel, Set of 2	
<b>Production Wiring - KKC GYM</b>					
<b>I/O PANEL EQUIPMENT</b>					
<b>Camera I/O Panel</b>					
13250	4	SONY	TBD	CUSTOM CAMERA I/O PANEL	
13260	4	ROSE ENCLOS	21406000	FIBERGLASS WATERTIGHT CABINET	
13270	6	ROSE ENCLOS	21610002	LOCKING DOOR HANDLE W/KEY	
13280	4	SONY	TBD	100' Interface Harness	
<b>Camera Patching</b>					
13300	1	SONY	TBD	CUSTOM TRIAX PATCH PANEL	
13310	6	KINGS	77032	Tri-Loc Connector [Female]	
13320	6	KINGS	77052	Tri-Loc® Male Cable Mount Plug	
13330	1	BELDEN	1857A (1000)	RG59 Extra Flexible Triaxial Video Cable	
13340	1	BELDEN	1858A (1000)	RG11 Triaxial Video Cable	
<b>Video Patching</b>					
13360	1	ADC	PPI2226RS75N	75-Ohm Coax Patch Bay	
13370	5	ADC	BK4V	4FT BLACK VIDEO PATCH CORD	
13380	4	BELDEN	8281 (1000)	Precision Video Cable	
<b>Audio Patching</b>					
13400	1	ADC	BJF1034MKII	AUDIO PATCHBAY	
13410	10	ADC	BK6	6FT AUDIO PATCH CORD	
13420	6	BELDEN	1814A (1000)	2 Pair Shielded Audio/ Intercom Cable	
<b>Radio/ PA I/O</b>					
13440	1	SONY	TBD	CUSTOM AUDIO-INTERCOM I/O PANEL	
13470	1	SONY	LOT	Video, Audio & Intercom Connectors	
		<b>Fiber I/O Panel</b>			
13490	1	SONY	TBD	CUSTOM FIBER I/O PANEL	
13500	7	TELECAST FIBER	CONN_PH-PK	4-Pin Hemaphroditic Fiber Connector Kit	
<b>RACKS</b>					
13520	1	APW	O162b001	45RU Cabinet Assembly [ Black]	
13530	1	APW	0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
13540	1	APW	PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	

**WYCC 20**  
**Equipment List**

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ITEM. NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
13550	1	APW	ICBB78	78"VPS Copper Isolated Buss Bar	
13560	6	APW	ALB78	78"VPS Aluminum Lacing Bar	
13570	1	APW	FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
13580	1	APW	HINGEKT	Hinge Kit, For Pioneer Door	
13590	2	APW	T3SP7830	Side Panel, Set of 2	

**Production Wiring - KKC CULINARY**

**I/O PANEL EQUIPMENT**

**Camera I/O Panel**

13630	3	SONY	TBD	CUSTOM CAMERA I/O PANEL
13640	3	ROSE ENCLOS	21406000	FIBERGLASS WATERTIGHT CABINET
13650	6	ROSE ENCLOS	21610002	LOCKING DOOR HANDLE W/KEY
13660	3	SONY	TBD	100' Interface Harness

**Camera Patching**

13680	1	SONY	TBD	CUSTOM TRIAX PATCH PANEL
13690	6	KINGS	77032	Tri-Loc Connector [Female]
13700	6	KINGS	77052	Tri-Loc® Male Cable Mount Plug
13710	1	BELDEN	1857A (1000)	RG59 Extra Flexible Triaxial Video Cable
13720	1	BELDEN	1858A (1000)	RG11 Triaxial Video Cable

**Video Patching**

13740	1	ADC	PPI2226RS75N	75-Ohm Coax Patch Bay
13750	5	ADC	BK4V	4FT BLACK VIDEO PATCH CORD
13760	4	BELDEN	8281 (1000)	Precision Video Cable

**Audio Patching**

13780	1	ADC	BJF1034MKII	AUDIO PATCHBAY
13790	10	ADC	BK6	6FT AUDIO PATCH CORD
13800	6	BELDEN	1814A (1000)	2 Pair Shielded Audio/ Intercom Cable

**Radio/ PA I/O**

13820	1	SONY	TBD	CUSTOM AUDIO-INTERCOM I/O PANEL
13830	1	SONY	LOT	Video, Audio & Intercom Connectors

**Fiber I/O Panel**

13850	1	SONY	TBD	CUSTOM FIBER I/O PANEL
13860	7	TELECAST FIBER	CONN_PH-PK	4-Pin Hemaphroditic Fiber Connector Kit

**STOVE CAMERA**

13880	1	SONY	DXC950/71PAC	1/2" 3CCD Color Video Camera w/ 17X Lens
13890	1	SONY	RMC950/1	Remote Control For DXC-950 camera
13900	1	SONY	CMAD2	Camera Adaptor
13910	1	SONY	CCD25/1	25M DC Power Cable
13920	1	TELEMETRICS	PTCP	Compact Pan / Tilt Head
13930	1	TELEMETRICS	CPSRD	Serial Receiver Driver
13940	1	TELEMETRICS	CTDTSS	Desktop Dual Joystick Serial Control Panel
13950	2	SONY	PVM8042Q	COLOR VIDEO MONITOR

**COVER CAMERA**

13970	1	SONY	DXC950/71PAC	1/2" 3CCD Color Video Camera w/ 17X Lens
13980	1	SONY	RMC950/1	Remote Control For DXC-950 camera
13990	1	SONY	CMAD2	Camera Adaptor
14000	1	SONY	CCD25/1	25M DC Power Cable
14010	1	TELEMETRICS	PTCP	Compact Pan / Tilt Head
14020	1	TELEMETRICS	CPSRD	Serial Receiver Driver
14030	1	TELEMETRICS	CTDTSS	Desktop Dual Joystick Serial Control Panel

**WYCC 20**  
**Equipment List**

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ITM.	NO.	QTY	MFGR.	MODEL	DESCRIPTION	PFE TBD
14040	2	SONY RACKS		PVM8042Q	COLOR VIDEO MONITOR	
14060	1	APW		O162b001	45RU Cabinet Assembly [ Black]	
14070	1	APW		0162B001-1	Frame, Vertical. L Style 10-32 Tape Rail 45 RU (Black)	
14080	1	APW		PRLT78M	L Style, 10-32 Tapped Hole, 45 RU Rail (Black)	
14090	1	APW		ICBB78	78"VPS Copper Isolated Buss Bar	
14100	6	APW		ALB78	78"VPS Aluminum Lacing Bar	
14110	1	APW		FPP1926M	Panel, Formed, Perforated, 26.25" PS (Black)	
14120	1	APW		HINGEKT	Hinge Kit, For Pioneer Door	
14130	2	APW		T3SP7830	Side Panel, Set of 2	

**Production Wiring - KKC Auto Shop**

**Fiber I/O Panel**

14160	1	SONY	TBD	CUSTOM FIBER I/O PANEL
14170	7	TELECAST FIBER	CONN_PH-PK	4-Pin Hemaphroditic Fiber Connector Kit
14180	3	ROSE ENCLOS	21406000	FIBERGLASS WATERTIGHT CABINET
14190	6	ROSE ENCLOS	21610002	LOCKING DOOR HANDLE W/KEY
14200	3	SONY	TBD	100' Interface Harness

**PARTS & MATERIALS**

**PARTS and MATERIALS**

		PARTS/MATERIAL	PARTS & MATERIALS
10510	1	SONY	

**SONY SIC SERVICES**

**SONY SIC SERVICES**

10520	1	PROJECT LABOR	Project Labor Services
10530	1	PROJECT EXPENSES	Project Expenses
10540	1	TRAINING	Project Training Services
10550	1	SONY SIC	OUTSIDE SERVICES
			Project Outside Services