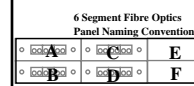


Reference Drawings		Revision History			LIGO California Institute of Technology Massachusetts Institute of Technology Livingston Controls Video System. Overview
DWG Number	Description	REV	Date	Description	
		A	1/21/00	Initial Release	Dwg. No. D000012-B-C
		B	2/1/00	Incorporates as built and addition of video card in Sun computer (control5)	Sheet 1 of 3



OSB Mass Storage Room

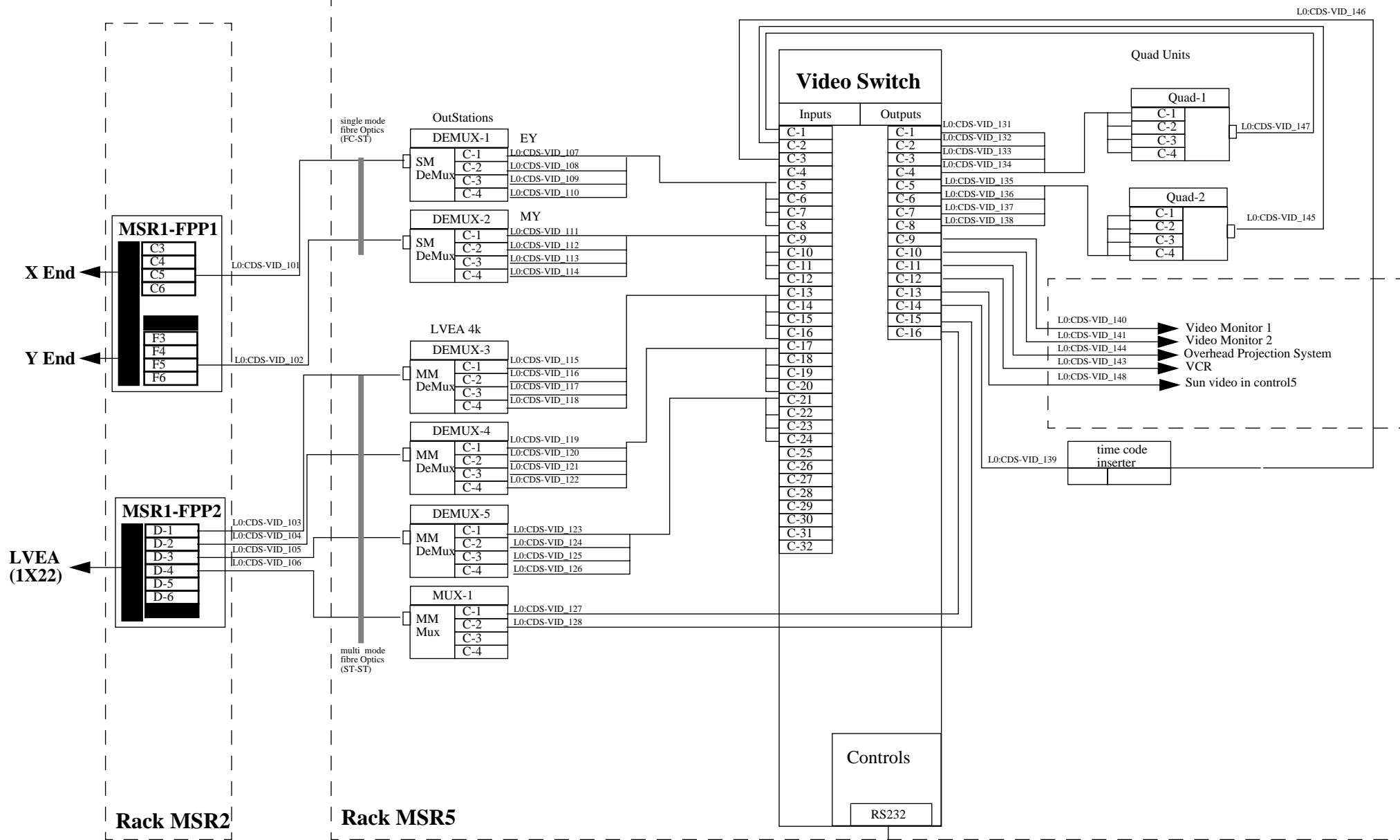


Table 1: DeMux Units

#	Manu.	FO	Model	Designator
1	IFS	SM	VR5030	DEMUX-1
2	IFS	SM	VR5030	DEMUX-2
3	IFS	MM	VR6010	DEMUX-3
4	IFS	MM	VR6010	DEMUX-4
5	IFS	MM	VR6010	DEMUX-5
6	IFS	MM	VT6010	MUX-1

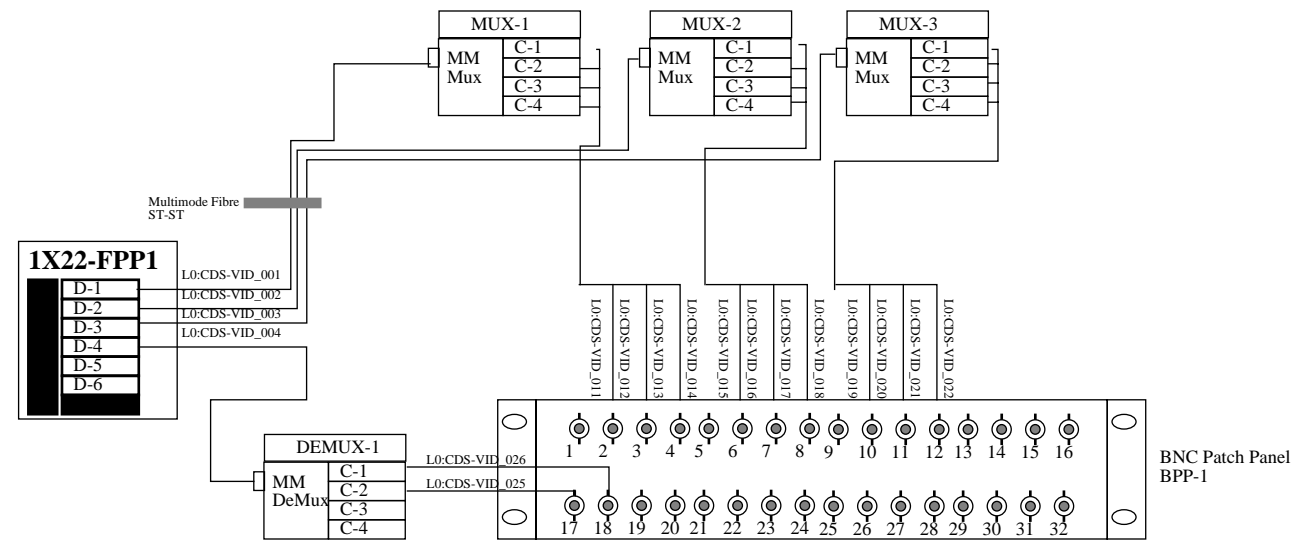
Table 2: Video Units

Item	Manu	Model	Designator
Video Switch	Knox	Chameleon HB	VIDEO-1
Quad Unit		Q620	QUAD-1
Quad Unit		Q620	QUAD-2

NOTES:
 1) All Cable Types are 75Ohm Co-ax unless otherwise stated.

6 Segment Fibre Optics Panel Naming Convention	Reference Drawings		Revision History			LIGO California Institute of Technology Massachusetts Institute of Technology Livingston Controls Video System. OSB Mass Storage Room						
	DWG Number	Description	REV	Date	Description							
<table border="1"> <tr> <td>A</td> <td>C</td> <td>E</td> </tr> <tr> <td>B</td> <td>D</td> <td>F</td> </tr> </table>	A	C	E	B	D	F	D990086-C	LLO Mass Storage Room Rack Layout				Drawn By: R. Bork Date: 1/31/00 Dwg. No. D000012-B-C Sheet 2 of 3
A	C	E										
B	D	F										

**LVEA 4k
Rack 1X22**



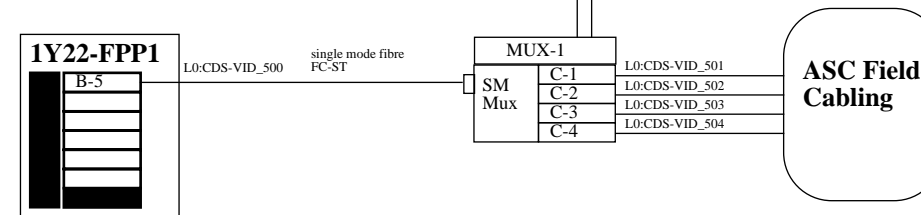
NOTES:

- 1) ASC Field Wiring Interfaces to BNC Patch Panel BPP-1.
- 2) Fibre Optics Cable from FPP1 is Multimode ST-ST.
- 3) MUX to BNC Patch Panel BPP-1 is 75Ohm Coax.
- 4) All MUX/DEMUX powered by separate AC to 12VDS convertor.
- 5) Camera Assignments are TBD.

Table 1: Rack 2X3 Module List

ID	Description	Manu.	Model	Designator
1	4 Chan Mux (fibre optics)	IFS	VT6010 (MM)	MUX-1
2	4 Chan Mux (fibre optics)	IFS	VT6010 (MM)	MUX-2
3	4 Chan Mux (fibre optics)	IFS	VT6010 (MM)	MUX-3
4	4 Chan DeMux (fibre optics)	IFS	VR6010 (MM)	DEMUX-1
5	16 port BNC patch panel	TBD	TBD	BPP-1

**EY (Left End)
Rack 1Y22**



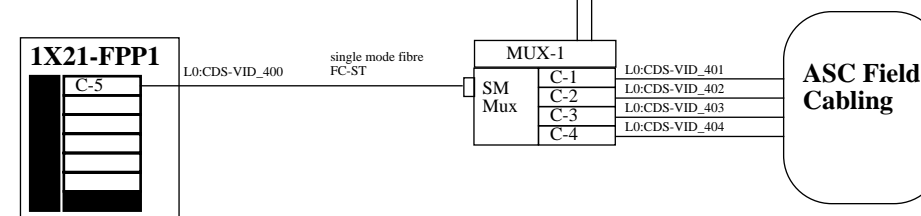
NOTES:

- 1) ASC Field Wiring Interfaces directly with MUX board.
- 2) Fibre Optics Cable from FPP1 is Single mode FC-ST.

Table 1: Rack 1Y22 Module List

ID	Description	Manu.	Model	Designator
1	4 Chan Mux (fibre optics)	IFS	VT5030 (SM)	MUX-1

**EX (Right End)
Rack 1X20**



NOTES:

- 1) ASC Field Wiring Interfaces directly with MUX board.
- 2) Fibre Optics Cable from FPP1 is Single mode FC-ST.

Table 1: Rack 1X20 Module List

ID	Description	Manu.	Model	Designator
1	4 Chan Mux (fibre optics)	IFS	VT5030 (SM)	MUX-1

Reference Drawings

DWG Number	Description

Revision History

REV	Date	Description

LIGO California Institute of Technology
Massachusetts Institute of Technology

Livingston Controls Video System.
LVEA and End Station Detail

Drawn By: R. Bork
Date: 1/31/00
Dwg. No. D000012-B-C
Sheet 3 of 3

6 Segment Fibre Optics
Panel Naming Convention

A B C D E F