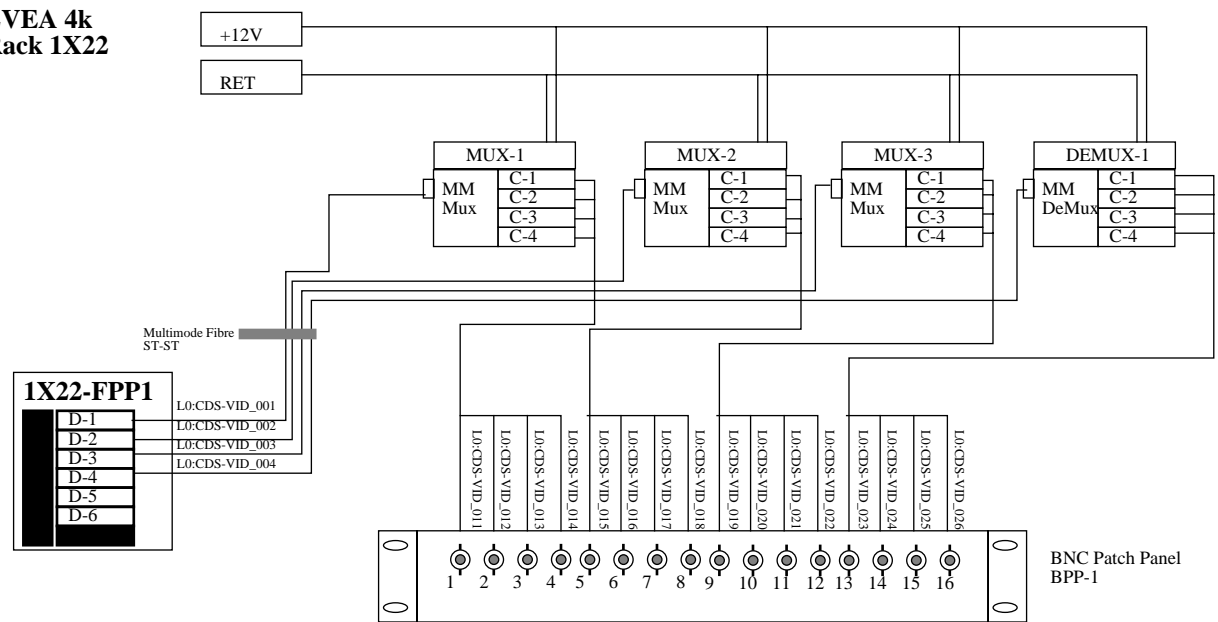


6 Segment Fibre Optics Panel Naming Convention 		Cable Numbering Scheme XYY X=01 OSB X=2 LVEA 2k X=3 LVEA 4k X=4 EY X=5 MY X=6 EX X=7 MX		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR RACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS IN REMOVE ALL BURRS		File: /home/rolf/CDSdocs/Livingston/Global/video.fm5 Last Modified Date: January 21, 2000		CURRENT REVISION APPROVAL DRAWN: R. Bork CHECKED:		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY Livingston Controls Video System Overview		
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	USED ON:	REV	DESCRIPTION	SHEETS EFFECTED	DATE	SCALE	SIZE	DWG. NO.	REV.
6	REFERENCE DRAWINGS	5		DO NOT SCALE THIS DRAWING		ISSUE DESCRIPTION			SCALE	B	D000012-A-C	
				NEXT ASS'Y:					SCALE	SHEET	1 of 3	VER. 01

**LVEA 4k
Rack 1X22**



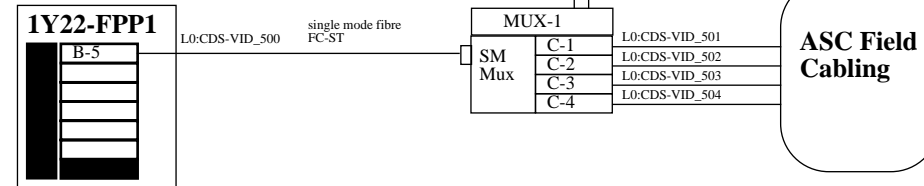
NOTES:

- 1) ASC Field Wiring Interfaces to BNC Patch Panel BPP-1.
- 2) See Drawing Dxxxxxx for Rack 1X22 Layout.
- 3) BNC Patch Panel located at back of rack 1X22.
- 4) Fibre Optics Cable from FPP1 is Multimode ST-ST.
- 5) MUX to BNC Patch Panel BPP-1 is 75Ohm Coax.

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**



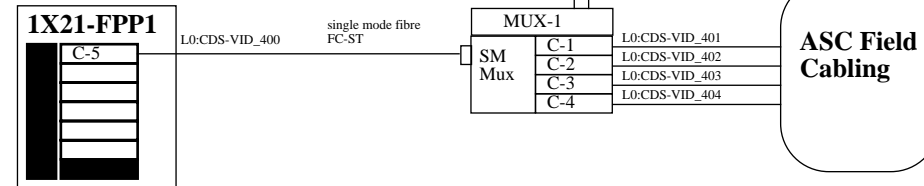
NOTES:

- 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 1X21**



NOTES:

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

Table 1: Rack 1X21 Module List

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

<p>6 Segment Fibre Optics Panel Naming Convention</p> <p style="font-size: small;"> A B C D E F </p> <p style="font-size: x-small;"> Cable Numbering Scheme XXX X=01 OSB X=2 LVEA 2k X=3 LVEA 4k X=4 EY X=5 EX X=6 EX X=7 MX </p>	<p style="font-size: x-small;">UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR RACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± FINISHED SURFACE RMS BREAK CORNERS IN REMOVE ALL BURRS</p>	<p>File: /home/rolf/CDSdocs/Livingston/Global/video.fm5 Last Modified Date: January 21, 2000</p>	<p style="font-size: x-small;">CURRENT REVISION APPROVAL</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; border-bottom: 1px solid black;">DRAWN R. Bork CHECKED</td> <td style="width:50%; border-bottom: 1px solid black;">SIGNATURE DATE 21Jan00</td> </tr> </table>	DRAWN R. Bork CHECKED	SIGNATURE DATE 21Jan00	<p style="text-align: center;">LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p> <p style="text-align: center;">Livingston Controls Video System. LVEA and End Station Detail</p>
DRAWN R. Bork CHECKED	SIGNATURE DATE 21Jan00					
<p>DWG. NO. 6</p>	<p>DESCRIPTION REFERENCE DRAWINGS</p>	<p>DWG. NO. 5</p>	<p>DESCRIPTION USED ON: NEXT ASS'Y: 4</p>	<p>REV. 3</p> <p>DESCRIPTION SHEETS EFFECTED DATE</p>	<p>SCALE SCALE</p> <p>SIZE DWG. NO. B D000012-A-C</p> <p>SHEET 3 of 3 STD</p>	