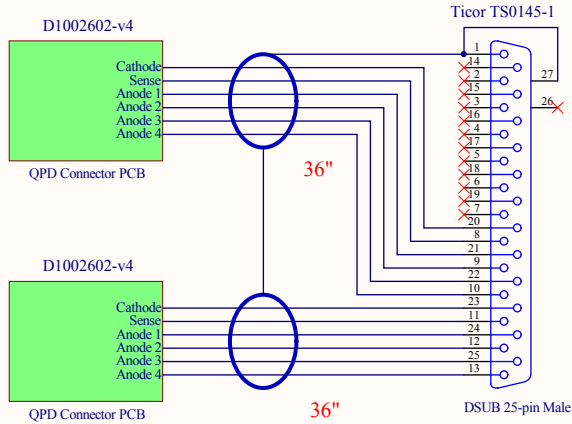
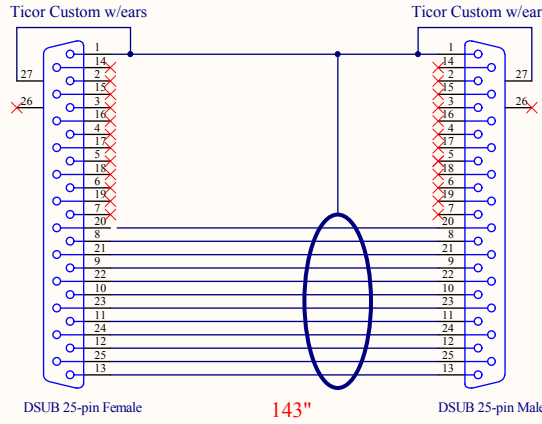


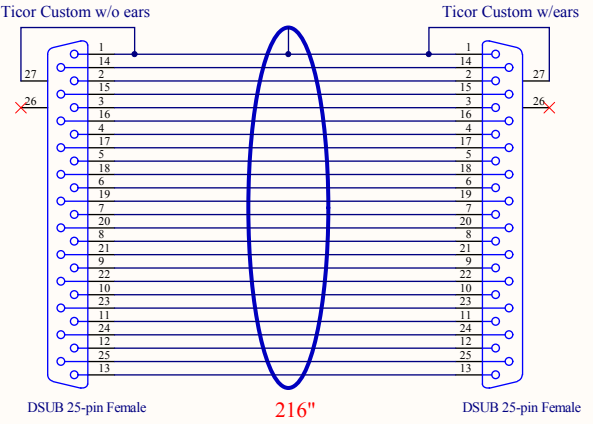
**D1000231-v3**



**D1000568-v4**



**D1000924-v2**



Twisted pairs for each cable assembly follow the same pattern. They are:

- 13, 25
- 12, 24
- 11, 23
- 10, 22
- 9, 21
- 8, 20
- 7, 19
- 6, 18
- 5, 17
- 4, 16
- 3, 15
- 2, 14

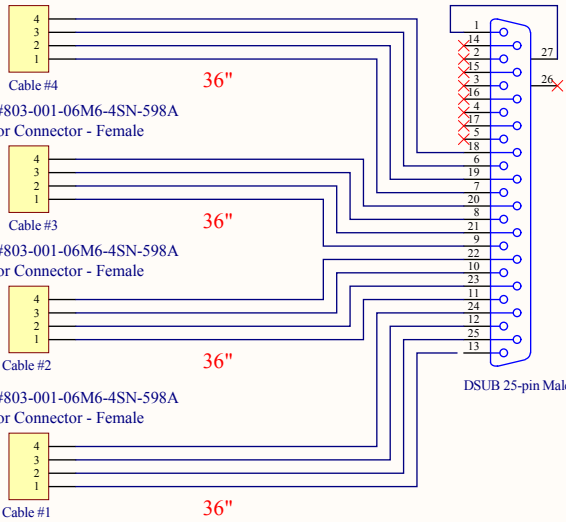
Pin 1 is connected to the DSUB connector shells and the copper braid shield (represented as a blue ellipse) in each cable.

Last Edited:

Title		ISC Transmission Monitor - In-Vac QPD Cable Set		LIGO	
Size: B	DCC Number: D1101462	Revision: v1	Engineer: R.Abbott	Date: 7/20/2011	
File: C:\Documents and Settings\costheld\My Documents\chub_ligo_files\ChubAltium\TransMon InVac cables\TransMon QPDSetDoc of *					

**D1000238-v3**

Glenair #803-001-06M6-4SN-598A  
Picomotor Connector - Female

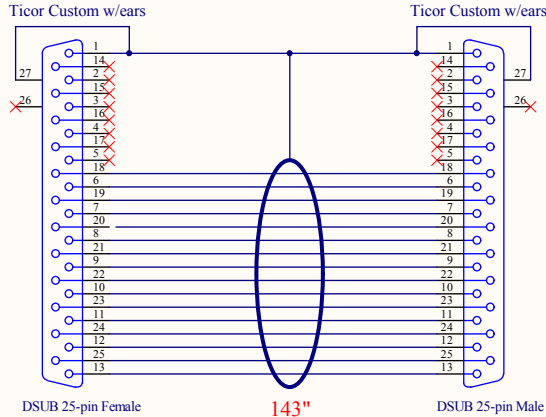


Individual picomotor cables are unshielded

Pinout for female picomotor connectors:

- Pin 1 - Horizontal Signal
- Pin 2 - Horizontal Return
- Pin 3 - Vertical Signal
- Pin 4 - Vertical Return

**D1000921-v2**

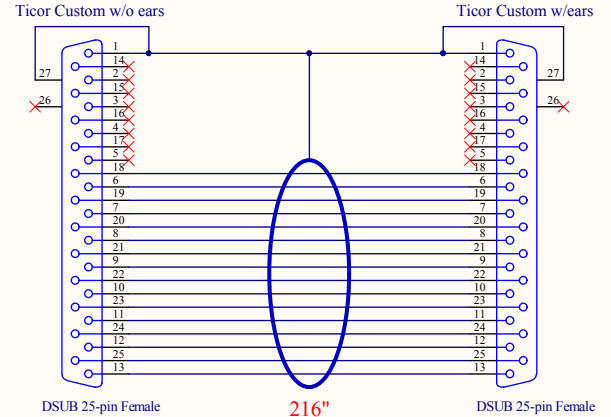


Twisted pairs for each cable assembly follow the same pattern. They are:

- 13, 25
- 12, 24
- 11, 23
- 10, 22
- 9, 21
- 8, 20
- 7, 19
- 6, 18
- 5, 17
- 4, 16
- 3, 15
- 2, 14

Pin 1 is connected to the DSUB connector shells and the copper braid shield (represented as a blue ellipse) in each cable.

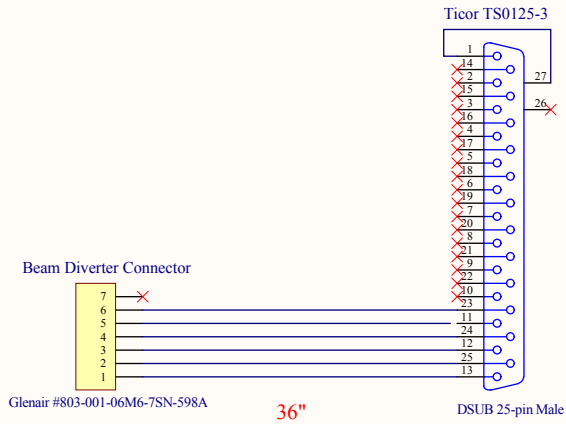
**D1000223-v1**



Revisions:  
v2 - picomotor connector pinout added, 7/29/11

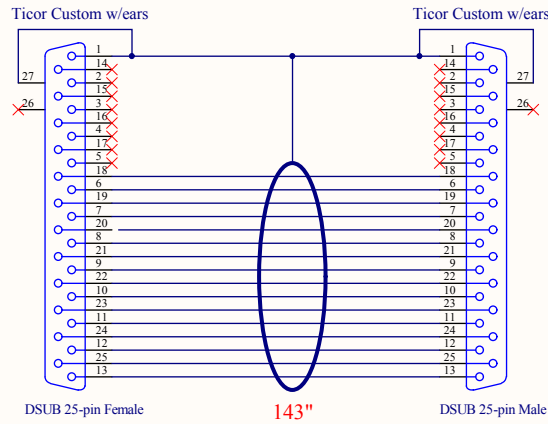
Title				Last Edited:	
<b>ISC Transmission Monitor - Picomotor Cable Set</b>				LIGO	
Size: B	DCC Number: D1101462	Revision: v2	Engineer: R.Abbott	Date: 7/29/2011	Time: 1:47:48 PM
File: C:\Documents and Settings\cosheld\My Documents\chub_ligo_files\ChubAltium\TransMon InVac cables\TransMon picomotor Schube					

**D1000237-v2**

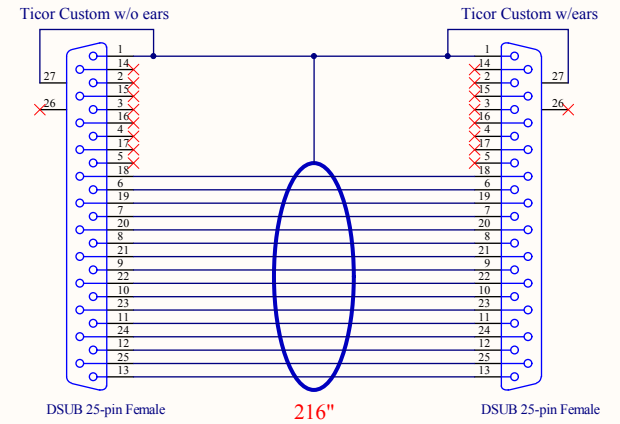


Beam Diverter cable is unshielded

**D1000921-v2**



**D1000223-v1**



Twisted pairs for each cable assembly follow the same pattern. They are:

- 13, 25
- 12, 24
- 11, 23
- 10, 22
- 9, 21
- 8, 20
- 7, 19
- 6, 18
- 5, 17
- 4, 16
- 3, 15
- 2, 14

Pin 1 is connected to the DSUB connector shells and the copper braid shield (represented as a blue ellipse) in each cable.

Title				ISC Transmission Monitor - Beam Diverter Cable Set		LIGO	
Size: B	DCC Number: D1101462	Revision: v1	Engineer: R.Abbott	Date: 7/20/2011	Time: 11:11:22 AM		
File: C:\Documents and Settings\cosheld\My Documents\chub_ligo_files\ChubAltium\TransMon InVac cables\TransMon BeamDiverter.CAD							