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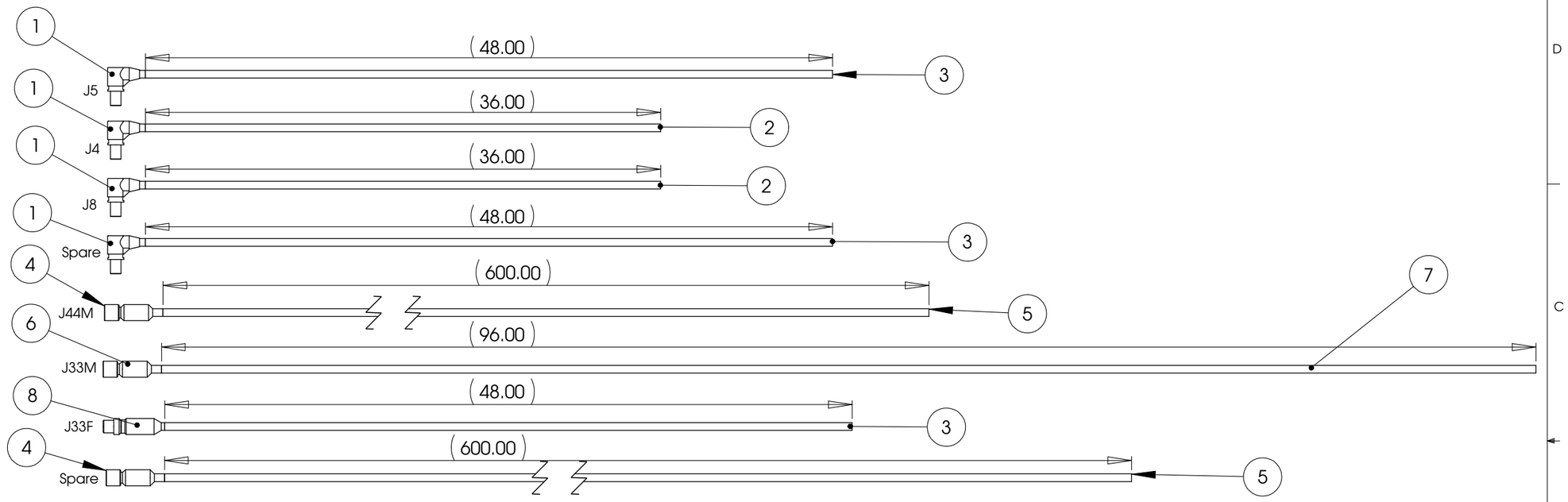
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



ITEM NO.	QTY.	PART NO.	VENDOR	DESCRIPTION	PO ITEM NO.
1	4	MINK10Penetrator R/A-TI	Seaconn/Brantner	MINK10/L PNA, 6AL-4V Ti, w/ R/A Mold, 18in Teflon Hookups, Epoxy Filled	5
2	2	EN204011	Cortland	C/F 1x14GA STP/5x22GA STP w/ PU Jacket, 36in long	N/A
3	3	EN204011	Cortland	C/F 1x14GA STP/5x22GA STP w/ PU Jacket, 48in long	N/A
4	2	MINK10CCP/L-SSTLS	Seaconn/Brantner	MINK-10-CCP/L, 316SS w/ Inline Mold	2
5	2	EN204011	Cortland	C/F 1x14GA STP/5x22GA STP w/ PU Jacket, 50ft long	N/A
6	1	MINK10CCPL-TI	Seaconn/Brantner	MINK10-CCP/L, 6AL-4V Ti w/ Inline Mold	1
7	1	EN204011	Cortland	C/F 1x14GA STP/5x22GA STP w/PU Jacket, 96in long	N/A
8	1	MINK10-CCR/L-Ti	Seaconn/Brantner	MINK10-CCR/L, 6AL-4V TI w/ In-Line Mold	3

BILL OF MATERIALS

Terminate C/F Cable to MINK10/L As Follows:	
Pin #	Conductor
1	14GA STP/Red
2	22GA Green&White STP/White
3	22GA Green&White STP/Green
4	22GA Blue&White STP/White
5	22GA Blue&White STP/Blue
6	22GA Orange&Green STP/Orange
7	22GA Orange&Green STP/Green
8	22GA Orange&Blue STP/Orange
9	Drain wire soldered to 14GA Shield
10	14GA STP/Green

Shop / Q.C.
Inspector
Shop Foreman
Engineer
NEXT ASSY Description
NEXT ASSY Number
Application

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
1 PLACE DIM ±1/16 | 2 PLACE DIM ±.02 | 3 PLACE DIM ±.005 | ANGLES ±1°

1. DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN Thomas	5/14/03
ENGINEER Sibenac	5/14/03
CHECKED	
PROJECT NO. 200107	
PROJECT Seafloor Mapping	
WEIGHT	

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

multibeam_seaconn_wet_cabling

SIZE B | DWG. NO. 1001970 | REV.
SCALE 1:10 | CAD FILE: MECH ENG ON TORNADO | SHEET 1 OF 1