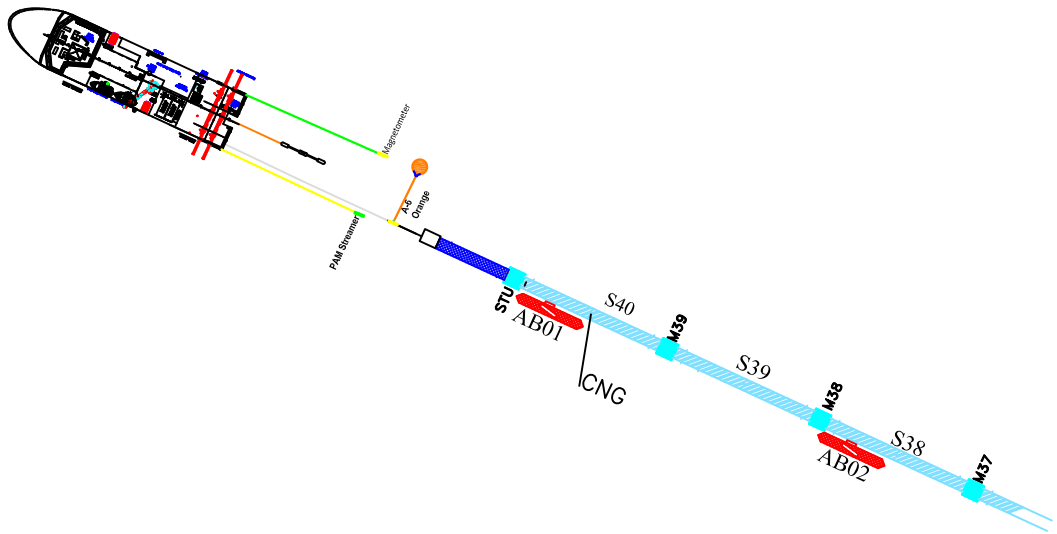
POS	Type	Model	Supplier	SWL
1	1 1/2" Alloy Bolt Type Anchor Shackle	G-2130	Crosby	17 Tons
2	3/4inn Closed Spelter Socket	G-417	Crosby	34 Tons
3	3/4inn Dyform Wire Rope with Jacket	6x36 IWRC	Bridon	28 Tons
4	3/4inn Open Spelter Socket	G-416	Crosby	34 Tons
5	2 3/4" Master Link Assembly	A-345	Crosby	17 Tons
6	12inn 12-Strand Synthetic rope	Plasma	Cortland	3.3 Tons
7	1/2" SS Long Link Chain		WCW Rope	1.8 Tons
8	24inn 12-Strand Synthetic rope/Y-Bridle	Plasma	Cortland	10 Tons
9	24inn Stainless Steel #4-Link (Quick Link)	DQ30SSO	The Blue Line	12 Tons
10	24inn 12-Strand Synthetic Rope	Plasma	Cortland	10 Tons
11	32inn 12-Strand Synthetic rope	Plasma	Cortland	17.8 Tons
12	1" Long Link Galvanized Chain		WCW Rope	10 Tons
13	24inn 12-Strand Synthetic Rope w/ Fairing	Plasma	Cortland	10 Tons
14	1 1/2" AS (Aramid) Cable Stopper	AS150K	Cortland	68 Tons
15	1 Alloy Master Link	A-342	Crosby	11 Tons

POS	Type	Model	Supplier	SWL

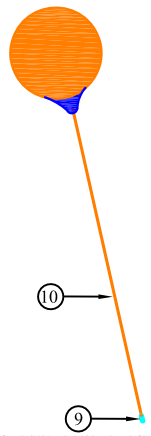
Lamont-Doherty Earth Observatory
COLUMBIA UNIVERSITY | EARTH INSTITUTE

R/V Marcus G Langseth
MGL_Single_Streamer
MGL1112 Arctic Mission

Sub-Array 3 Umbillical paid out:45.8m
Sub-Array 4 Umbillical paid out:65.8 m
Tow Point on Lead-ins are Located 12.5m from Bell Housing
Lead in 1 : 175.5 m - Total Lead-in Deployed
Magentometer: Tow Leader paid out: 150m
PAM Streamer: Tow Leader Paid out: 150m



Not used in this Configuration



Measurement from center float (Bail Pin) to the #4-Link on the end of Tow Rope shall be 1 meter longer then the desired streamer depth.

Not used in this Configuration

NB: All lengths of spread ropes are including hardware

Version	Created by	Verified by	Changed/Updated	Date
1	RJS	RJS	Updated to MGL 2D Arctic Configuration	2011-06-17

LDEO Columbia University
61 Route 9W
Palisades, New York 10964

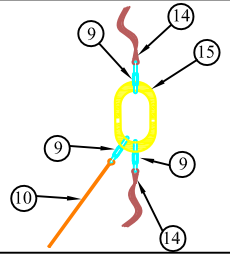
Vane Harness / Primary Tag Line Connection

Not used in this Configuration

Mid Connection Point for Primary Tag Line

Not used in this Configuration

Outer-Leadin Connection



Inner-Leadin Connection

Not used in this Configuration