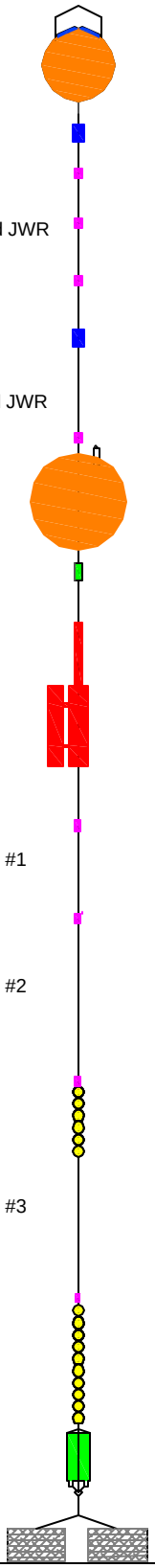
Mooring B1 #2

NOTE: According to this design, all instruments are ~ 20 m deeper than desired. On recovery, instruments are expected to be about 10 m above desired depth. Error is due to unknown ~ 30 m shallow offset (in depth or wire measurements?) Marla 09/07/05

Mooring: B1 Bottom Depth: 2482 m
Deployment: 27 Jul 2005
Recovery: ____ Oct 2005
Position: 21 ° 21.8841'N 118° 35.4413'E

Depth below Surface:



140 m — Syntactic 49" diam. ADCP buoy
Alum.WHS 300 S/N: 3109 + Ext. Batt.S/N: 3226
Argos: Seimac CML PTT:7229
Light & Radio Beacon 160.725 mHz

2 m 1/2" chain

144 m — SBE 37-SM Microcat S/N: 3793, frame

196 m — SBE 39 Temp. Sensor, clamped on

271 m — 375 m 3/16" Faired JWR — SBE 39 Temp. Sensor, clamped on

396 m — SBE 39 Temp. Sensor, clamped on

521 m — SBE 37-SM Microcat S/N: 3794, frame

271 m 3/16" Faired JWR

772 m — SBE 39 Temp. Sensor, clamped on

Syntactic 64" diam. buoy
Argos: SMM 2000 PTT: 30755
Light & Radio Beacon 154.585 mHz

799 m — 2 m 1/2" chain — Interrogator, 1 m

10 m 5/16 " Kevlar

816 m (top of array)

821 m (top of Trans.) — Hydrophone Array, 6 m
Tomography Transceiver, 5 m

1023 m — SBE 39 Temp. Sensor, 300m up on 500 m #1

500 m 5/16" Kevlar #1

1324 m — SBE 39 Temp. Sensor, lower end of 500 m #1

500 m 5/16" Kevlar #2

1825 m — SBE 39 Temp. Sensor, lower end of 500 m #2

6 glass balls in "hardhats"

500 m 5/16" Kevlar #3
100 m 5/16" Kevlar

2435 m — SBE 39 Temp. Sensor, lower end of 100 m

10 glass balls in "hardhats"

2.6 m 1/2" chain

2451 m — EdgeTech 8242 Dual Releases

20 m 1" nylon line
7 & 4 m 1/2" chain

Bottom Depth: 2482 m — Anchor: 14 - 500 lb.train wheels
Air: 7000 lbs. (min.) Water: 6230 lbs.

Marla Stone	DWG: B1_Jul2005.dwg	Date: 07 Sep 2005