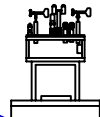


PO Mooring # 1148

MAX. DIA. BUOY WATCH CIRCLE = 4.62 N.Miles

Position: 15°N, 51°W



Modular Foam Buoy with (2) ASIMET Systems Measuring:
BPR, HRH, WND, SWR, LWR, PRC, and ARGOS Telemetry

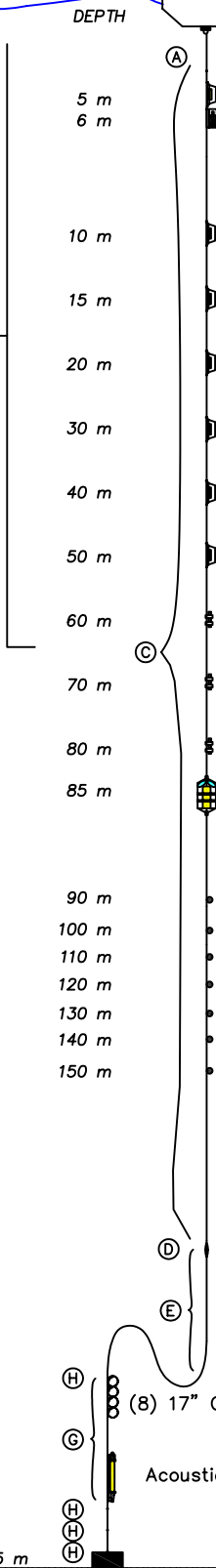
Note: Depth of bottom of base estimated @ 0.9M with 0.7 m buoy freeboard

Note: Instruments mounted on mooring with sensors up

Note: No Foul on cages above 60 m

HARDWARE DESIGNATION	
(A)	U-Joint, 1" Chain Shackles, 1" EndLink, 7/8" Chain Shackles
(C)	3/4" Chain Shackles, 7/8" EndLink, 3/4" Chain Shackles
(D)	3/4" Chain Shackles, 3/4" Anchor Shackles
(E)	3/4" Anchor Shackles, 7/8" EndLink, 3/4" Anchor Shackles
(G)	5/8" Chain Shackles, 7/8" EndLink, 5/8" Chain Shackles
(H)	5/8" Chain Shackles, 7/8" EndLink, 7/8" Anchor Shackles

HARDWARE REQUIRED (Includes approx. 20% Spares)	
(2)	1" Chain Shackles
(2)	1" Weldless End Link
(5)	7/8" Anchor Shackles
(2)	7/8" Chain Shackles
(48)	7/8" Weldless Links
(66)	3/4" Chain Shackles
(14)	3/4" Anchor Shackles
(15)	5/8" Chain Shackles



- Base with (2) Microcats – sensors 0.7 m below deck and Backup ARGOS Transmitter
- 3.66 m 3/4" Mooring Chain
- SBE-39 on Strongback
- Aquadopp Current Meter (Xducer Up) on Ti Load Bar
- 2.67 m 3/4" Mooring Chain
- SBE-39 on Strongback
- 3.7 m 3/4" Mooring Chain
- SBE-39 on Strongback
- 3.7 m 3/4" Mooring Chain
- SBE-39 on Strongback
- 8.7 m 3/4" Mooring Chain
- SBE-39 on Strongback
- 8.7 m 3/4" Mooring Chain
- SBE-39 on Strongback
- 8.7 m 3/4" Mooring Chain
- SBE-39 Clamped to Wire
- 33.7 m 3/8" Wire
- SBE-39 Clamped to Wire
- SBE-39 Clamped to Wire
- SBE-39 Clamped to Wire
- 300 kHz ADCP (Upward Looking)
- 500 m 3/8" Wire ——— Top to be clearly marked.
- Tidbit Clamped to Wire - 4 m from top "90 meters"
- Tidbit Clamped to Wire - 14 m from top "100 meters"
- Tidbit Clamped to Wire - 24 m from top "110 meters"
- Tidbit Clamped to Wire - 34 m from top "120 meters"
- Tidbit Clamped to Wire - 44 m from top "130 meters"
- Tidbit Clamped to Wire - 54 m from top "140 meters"
- Tidbit Clamped to Wire - 64 m from top "150 meters"

Top to be clearly marked. Wire should be marked in 4 places:		
FROM TOP EYE		LABEL AS
9.12 m	—	60 m
19.12 m	—	70 m
29.12 m	—	80 m

- 500 m 3/8" Wire
- 500 m 3/8" Wire
- 200 m 3/8" Wire
- 100 m 3/8" Wire
- 200 m 7/8" Nylon ——— one piece, wrapped termination
- 500 m 7/8" Nylon spliced in as adjustable
- 110 m 7/8" Nylon spliced in as adjustable
- 2000 m 3/4" Nylon ——— one piece, to be spliced at sea
- 100 m 7/8" Nylon ——— thimbles both ends
- 1500 - x m 1" Polypropylene
- 5 m 1/2" Trawler Chain
- 5 m 1/2" Trawler Chain
- 20 m 1" Samson Nystron
- 5 m 1/2" Trawler Chain

Water Depth = 5075 m Anchor Wet Wt 5000 lbs (Air Wt 5814 lbs)

NTAS MOORING AS DEPLOYED 03-11-2005