

# NTAS -7 PO Mooring # 1188

MAX. DIA. BUOY WATCH CIRCLE = 4.62 N.Miles  
Position: 14°49.356'N, 51°00.615'W



Modular Foam Buoy with (2) ASIMET Systems Measuring:  
BPR, HRH, WND, SWR, LWR, PRC,  
ARGOS and IRIIDIUM TELEMETRY, STAND ALONE PTT

6 meter compliant section with universal and 8 conductors on coil cord for telemetry

Bottom flange to accept acoustic modem, inductive pickup, and threaded swage for 7/16" wire

HARDWARE DESIGNATION	
(A)	U-Joint, 1" Chain Shackle, 1" EndLink, 7/8" Chain Shackle
(C)	3/4" Chain Shackle, 7/8" EndLink, 3/4" Chain Shackle
(D)	3/4" Chain Shackle, 3/4" Anchor Shackle
(E)	3/4" Anchor Shackle, 7/8" EndLink, 3/4" Anchor Shackle
(G)	5/8" Chain Shackle, 7/8" EndLink, 5/8" Chain Shackle
(H)	5/8" Chain Shackle, 7/8" EndLink, 7/8" Anchor Shackle
(I)	1-1/4" Master Link, (1) 5/8" Ch Sh. (1) 7/8" End Link, (1) 7/8" Anc Sh

FLANGED SPACER UNIVERSAL JOINT  
6 M COMPLIANT SECTION DEPTH 5 m  
6 m  
FLANGED SPACER BELL MOUTH

Base with (2) Microcats – sensors 0.7 m below deck and Backup ARGOS Transmitter

SBE-39 (266) attached to Compliant Section **self recording**  
NORTEK ADCM (1226) attached to Compliant Section

- 10 m SBE-39 (635) clamped to wire
- 14 m SONTEK Argonaut Current Meter (D171) IM Clamped to wire – heads down
- 15 m SBE-39 (743) clamped to wire
- 20 m SBE-39 (744) clamped to wire
- 25 m **SBE-37 (684) Inductive, clamped to wire**
- 30 m SBE-39 (745) clamped to wire
- 40 m SBE-39 (746) clamped to wire
- 45 m **SBE-37 Inductive, clamped to wire**
- 50 m SBE-39 (747) clamped to wire
- 60 m SBE-39 (749) Clamped to Wire
- 65 m **SBE-37 Inductive, clamped to wire**
- 70 m SBE-39 (751) Clamped to Wire
- 80 m SBE-39 (752) Clamped to Wire
- 85 m **(C) 300 kHz ADCP (2601) (Upward Looking)**
- 90 m SBE-39 (3479) Clamped to Wire
- 100 m Tidbit Clamped to Wire (347) - 14 m from top "100 meters"
- 110 m Tidbit Clamped to Wire (348) - 24 m from top "110 meters"
- 120 m Tidbit Clamped to Wire (349) - 34 m from top "120 meters"
- 130 m Tidbit Clamped to Wire (350) - 44 m from top "130 meters"
- 140 m Tidbit Clamped to Wire (351) - 54 m from top "140 meters"
- 150 m Tidbit Clamped to Wire (352) - 64 m from top "150 meters"

500 m 3/8" Wire ——— Top to be clearly marked.

Special Wire/Nylon Termination

- 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
- 500 m 7/8" Nylon
- 2000 m 3/4" Nylon
- 100 m 7/8" Nylon
- 1500 m 1" Polypropylene

one piece, wrapped termination

one piece, to be spliced at sea thimbles both ends

(52) 17" GlassBalls on 1/2" T.C.

- (H) 5 m 1/2" Trawler Chain
- (G) Dualed Acoustic Release EGG Model 8242
- (I) 1 Meter Chain with release links
- 3 x (H) 5 m 1/2" Trawler Chain
- 20 m 1" Samson Nystron
- 5 m 1/2" Trawler Chain

Water Depth= 4983 m Anchor Wet Wt 6000 lbs (Air Wt ~ 7,000 lbs)

7th Deployment - 4/19/07

FINAL