

NTAS 17

Position: 14° 45' N, 50° 57' W
WATCH CIRCLE = 4.0 N.Miles

Modular Foam Buoy with (2) ASIMET Systems:
ARGOS AND IRIDIUM IMET TELEMETRY
WITH IRIDIUM SUBSURFACE TELEMETRY,
STAND ALONE XEOS MELO GPS
LASCAR AT/H, VIASALA WXT520, SBE 39 AT
NDBC WAMDAS

ASIMET INFO		
MODULE	SYS 1	SYS 2
HRH		
BPR		
WIND		
PRECIP		
LWR		
SWR		

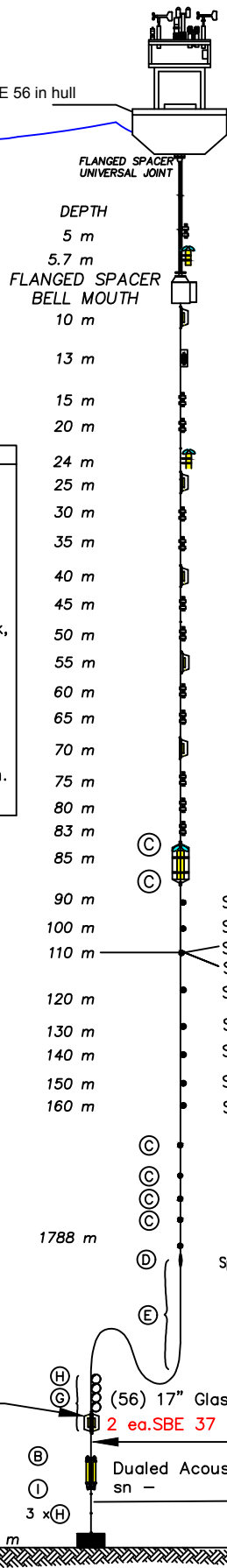
(4) SBE 56 in hull

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

Based on .80m water line, 5 m temp mounted 3.81 m from top of EM chain
10 m temp 2.84m from bottom of bellmouth

HARDWARE DESIGNATION	
(B)	3/4" Chain Shackle, 7/8" EndLink, 5/8" 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

HARDWARE REQUIRED (Includes approx. 20% Spares)	
(2)	1.25" Master Link
(5)	7/8" Anchor Shackles
(35)	7/8" Weldless Links
(20)	3/4" Chain Shackles
(5)	3/4" Anchor Shackles
(45)	5/8" Chain Shackles



Base with (2) Microcats (####, ####) - 0.7 m below surface
Backup XEOS KILO Transmitter (ID ####)

5 M EM CHAIN

SBE-39 attached to EM Chain
NORTEK ADCM attached to EM Chain

SBE-37 Inductive, clamped to wire
Nortek Current Meter - IM with vane, heads up

SBE-39 clamped to wire
SBE-39 clamped to wire

NORTEK ADCP clamped to wire
SBE-37 Inductive, clamped to wire

SBE-39 clamped to wire
SBE-39 clamped to wire

SBE-37 Inductive, clamped to wire
SBE-39 clamped to wire

SBE-39 Clamped to Wire

SBE-37 Inductive, clamped to wire

SBE-39 Clamped to Wire

SBE-39 Clamped to Wire

SBE-37 Inductive, clamped to wire

SBE-39 Clamped to Wire

SBE-39 Clamped to Wire

300 kHz ADCP, Upward Looking

SBE-39 Clamped 500 m 3/8" Wire

SBE-39 Clamped

SBE-39 Clamped

Star-Oddi Clamped

Star-Oddi Clamped

Star-Oddi Clamped

Star-Oddi Clamped

Star-Oddi Clamped

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79 meter 7/16" Wire Rope
Terminated with:
standard swage on bottom
special IM threaded swage on top
Mark from top:
At 4 meters, mark 10 meters
at 9 meters, mark 15 meters
then continue every 5 meters

Top and bottom to be clearly marked.
Mark Reel for identification.
4 m mark "90 meters"
14 m mark "100 meters"
24 m mark "110 meters"
34 m mark "120 meters"
44 m mark "130 meters"
54 m mark "140 meters"
64 m mark "150 meters"
74 m mark "160 meters"

500 m 3/8" Wire
500 m 3/8" Wire
200 m 3/8" Wire

Special Wire/Nylon Termination < 100 m 3/8" Wire 200 m 7/8" Nylon Hard eye on end. > one piece, encapsulated termination

Hard eye at top
500 m 7/8" Nylon
2000 m 3/4" Nylon
100 m 7/8" Nylon
1500 - x m 1" Colmega > one piece, to be spliced at sea thimbles both ends

38 meters above bottom

(56) 17" GlassBalls on 1/2" T.C.
2 ea. SBE 37 (OSITES) on 1" load bar - just below glass balls
5 m 1/2" Trawler Chain

Dualed Acoustic Release
sn -
5 m 1/2" Trawler Chain
20 m 1" Samson Nystrom
5 m 1/2" Trawler Chain

Water Depth= 5000 m Anchor Wet Wt 6000 lbs (Air Wt ~ 7,000 lbs)