NTAS 11

Position: 14° 49.5' N, 51° 01' W WATCH CIRCLE = 4.0 N.Miles

PO Mooring # 1245

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



ASIMET INFO		
MODULE	SYS 1	SYS 2
HRH	221	501
BPR	221	505
WIND	215	344
PRECIP	212	504
LWR	207	214
SWR	211	504

79 meter 7/16" Wire Rope

standard swage on bottom

At 4 meters, mark 10 meters

at 9 meters, mark 15 meters

then continue every 5 meters

special IM threaded swage on top

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"

Terminated with:

Mark from top:

FLANGED SPACER 5 meter compliant section with universal and 8 conductors on coil cord for telemtry DEPTH Based on .80m water line, 5 m temp mounted 3.81 m from top of EM chain. 10 m temp 1.84m from bottom of bellmouth

5.7 m BELL MOUTH 10 m

(4) TR1060 in hull 20257 - 20260

> 5 m FLANGED SPACER 13 m 15 m

18 m

20 m 25 m 30 m

40 m

45 m

50 m

60 m

65 m

70 m

80 m

85 m

110 m

120 m

130 m

140 m

150 m

160 m

3/4" Chain Shackle 3/4" Chain Shackle, 3/4" Anchor Shackle 3/4" Anchor Shackle, 7/8" EndLink,

Œ 3/4" Anchor Shackle 5/8" Chain Shackle, 7/8" EndLink, (G) 5/8" Chain Shackle

HARDWARE DESIGNATION

⑱

(D)

3/4" Chain Shackle, 7/8" EndLink, 5/8" Chain Shackle

3/4" Chain Shackle, 7/8" EndLink,

5/8" Chain Shackle, 7/8" EndLink, 7/8" Anchor Shackle $^{\odot}$ 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)

7/8" Anchor Shackles

7/8" Weldless Links 3/4" Chain Shackles 3/4" Anchor Shackles

5/8" Chain Shackles

1.25" Master Link

(35)

(20)

5 M EM CHAIN

Base with (2) Microcats (3601, 3605) - 0.7 m below surface Backup ARGOS Transmitter (ID 25689)

SBE-39(4462) Inductive, clamped Nortek Current Meter (6108) - IM with vane, heads up SBE-39 (635) clamped to wire

NORTEK ADCM (6855) clamped to wire SBE-39 (743) clamped to wire

SBE-39 (3479) attached to EM Chain

NORTEK ADCM (9407) attached to EM Chain

SBE-37 (671) Inductive, clamped to wire SBE-39 (744) clamped to wire

SBE-39 (745) clamped to wire SBE-37 (683) Inductive, clamped to wire

SBE-39 (746) clamped to wire

SBE-39 (747) Clamped to Wire SBE-37 (685) Inductive, clamped to wire

SBE-39 (4463) Inductive, clamped to wire

300 kHz ADCP (2601), Upward Looking

SBE-39 (749) Clamped to Wire

(C) 90 m 100 m

©

SBE-39 (751) Clamped 500 m 3/8" Wire SBE-39 (752) Clamped SBE-39 (266) Clamped

Star-Oddi (272) Clamped Star-Oddi (273) Clamped Star-Oddi (287) Clamped

Star-Oddi (288) Clamped Star-Oddi (492) Clamped Star-Oddi (493) Clamped

0 00 SBE-16(2322) on load bai 1788 m etween 200 m´& 100 m ℗

Special Wire/Nystron Termination-

ea.SBE-16 (2323, 2324) on 1" load bar - just below glass balls

100 m 3/8" Wire 100 m 3/8" Nystron one piece, encapsulated termination Hard eye on end. Hard eye at top 500 m 7/8" Nylon

500 m 3/8" Wire

500 m 3/8" Wire

200 m 3/8" Wire

2100 m 3/4" Nylon one piece, to be spliced at sea 100 m 7/8" Nylon thimbles both ends 1500 - x m 1" Colmega

5 m 1/2" Trawler Chain -20 m 1" Samson Nystron 5 m 1/2" Trawler Chain

5 m 1/2" Trawler Chain

₿ ① 3 x⊕

© 4940 m

> **Dualed Acoustic Release** sn - 35322/33407

(56) 17" GlassBalls on 1/2" T.C.

NTAS 11 MOORING

Jeff Lord date: 11/27/201 NTAS11_final_1.dwg

Water Depth= 4978 m Deployed - 11/25/2011

(E)