NTAS 9

MAX. DIA. BUOY WATCH CIRCLE = 4.25 N.MILES

PO Mooring # 1208

Position: 14°49'N, 51°00'W

Modular Foam Buoy with (2) ASIEMET Systems Measuring:
BPR, HH, WNO, SWR, LWR, PRC,
ARGOS AND IRIUM TELEMETRY, STAND ALONE XEOS GPS

Base with (2) Microcats (3603, 3605) – sensors 0.7 m below deck
and Backup ARGOS Transmitter (ID 24337 sn 102)

SBE-39 (266) attached to Compliant Section
NORTEK ADCP (1226) attached to Compliant Section

ACOUSTIC MODEM

SBE-39 Inductive (4462), clamped

Sontek Current Meter – IM(D193)
with vane, heads down

SBE-39 clamped to wire (635)

SBE-39 clamped to wire (743)

SBE-39 Inductive (0671), clamped to wire

SBE-39 clamped to wire (744)

SBE-39 clamped to wire (745)

SBE-37 Inductive (0683), clamped to wire

SBE-37 clamped to wire (746)

SBE-37 clamped to Wire (747)

SBE-37 Inductive (0685), clamped to wire

SBE-37 Clamped to Wire (749)

SBE-39 Inductive (4463), clamped to wire

300 kHz ADCP (2801), Upward Looking

WITH ACOUSTIC MODEM

500 m 3/8" Wire Top and bottom to be clearly marked. Mark Reel for identification.

SBE-39 (751) Clamped to Wire - 4 m from top "90 meters"
SBE-39 (752) Clamped to Wire - 14 m from top "110 meters"
SBE-39 (3479) Clamped to Wire - 24 m from top "110 meters"
Star-Oddi (272) Clamped to Wire - right under 110 m SBE 39
Star-Oddi (273) Clamped to Wire - 34 m from top "120 meters"
TR1060 (1481) Clamped to wire below 120 m Star Oddi
Star-Oddi (287) Clamped to Wire - 44 m from top "130 meters"
Star-Oddi (288) Clamped to Wire - 54 m from top "140 meters"
Star-Oddi (492) Clamped to Wire - 64 m from top "150 meters"
Star-Oddi (493) Clamped to Wire - 74 m from top "160 meters"

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

Special Wire/Nylon Termination one piece, wrapped termination

Diomed Acoustic Release
Edgetech Model 8242
sn – 31268/32846

Anchored Wet Wt 6000 lbs (Air Wt - 3000 lbs)

6 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 1.84m from bottom of
bellmouth

HARDWARE DESIGNATION

A
U-Joint, 1" Chain Shackle,
1" EndLink, 7/8" Chain Shackle

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

3/4" Chain Shackle,
3/4" Anchor Shackle

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

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

5/8" Chain Shackle, 7/8" EndLink,
7/8" Anchor Shackle

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
(33) 7/8" Weldless Links
(16) 3/4" Chain Shackles
(5) 3/4" Anchor Shackles
(45) 5/8" Chain Shackles

WATER DEPTH 5000 m

NTAS 9 MOORING
AS DEPLOYED 6/29/09

Jeff Lord date: 06/30/09
NTAS9_Diag.dwg