

PO Mooring Number

MAX. DIA. BUOY WATCH CIRCLE = 3.7 N.Miles
Anchor Pos.

2.7 m Surlyn Foam MOBS Buoy with:
(2) IMET w/ Iridium Telemetry, 1 Vaisala WXT,
1 SA HRH, 1 SA Rotronic AT/RH, 1 SA Kipp & Zonen
1 SA SBE 39 AT, 2 Xeos Rover GPS beacons,
1 Xeos Melo GPS data logger

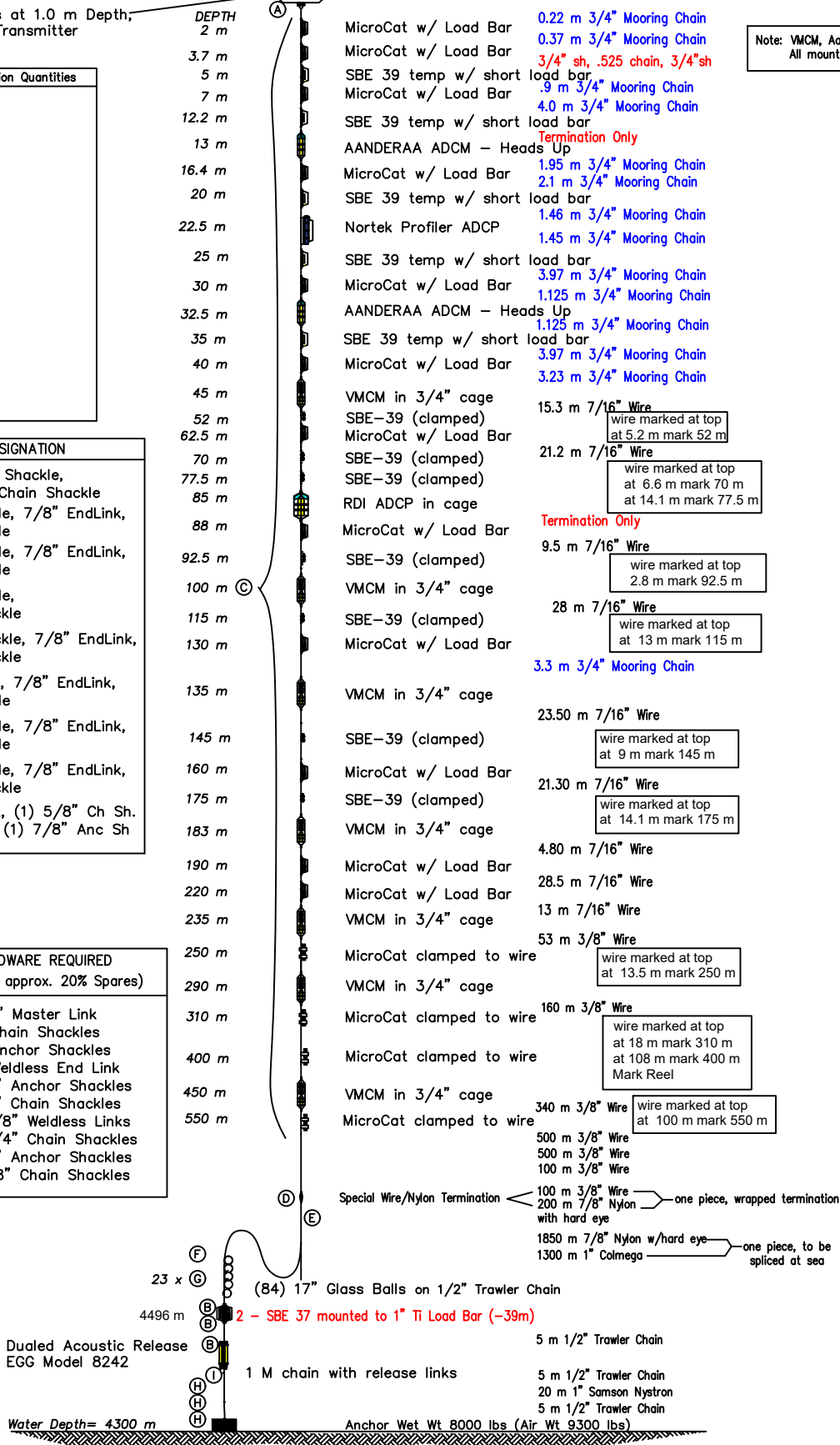
5 - SBE 56 Temp array in hull

ASIMET Temp./CT Sensors at 1.0 m Depth,
and Backup xeos Transmitter

Primary Hardware Designation Quantities	
(A)	Quantity: 1
(B)	Quantity: 3
(C)	Quantity: 56
(D)	Quantity: 1
(E)	Quantity: 1
(F)	Quantity: 1
(G)	Quantity: 23
(H)	Quantity: 3
(I)	Quantity: 1

HARDWARE DESIGNATION	
(A)	U-Joint, 1" Chain Shackle, 1" EndLink, 7/8" Chain Shackle
(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
(F)	1" Anchor Shackle, 7/8" EndLink, 5/8" Chain 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
(2)	1" Chain Shackles
(2)	1" Anchor Shackles
(2)	1" Weldless End Link
(6)	7/8" Anchor Shackles
(2)	7/8" Chain Shackles
(104)	7/8" Weldless Links
(138)	3/4" Chain Shackles
(6)	3/4" Anchor Shackles
(65)	5/8" Chain Shackles



Note: VMCM, Aanderaa, Nortek, SBE 37s and SBE39s
All mounted on mooring with sensors up

0.22 m 3/4" Mooring Chain
0.37 m 3/4" Mooring Chain
3/4" sh, .525 chain, 3/4" sh
.9 m 3/4" Mooring Chain
4.0 m 3/4" Mooring Chain
Termination Only
1.95 m 3/4" Mooring Chain
2.1 m 3/4" Mooring Chain
1.46 m 3/4" Mooring Chain
1.45 m 3/4" Mooring Chain
3.97 m 3/4" Mooring Chain
1.125 m 3/4" Mooring Chain
1.125 m 3/4" Mooring Chain
3.97 m 3/4" Mooring Chain
3.23 m 3/4" Mooring Chain

15.3 m 7/16" Wire
wire marked at top
at 5.2 m mark 52 m

21.2 m 7/16" Wire
wire marked at top
at 6.6 m mark 70 m
at 14.1 m mark 77.5 m

Termination Only
9.5 m 7/16" Wire
wire marked at top
2.8 m mark 92.5 m

28 m 7/16" Wire
wire marked at top
at 13 m mark 115 m

3.3 m 3/4" Mooring Chain

23.50 m 7/16" Wire
wire marked at top
at 9 m mark 145 m

21.30 m 7/16" Wire
wire marked at top
at 14.1 m mark 175 m

4.80 m 7/16" Wire
28.5 m 7/16" Wire
13 m 7/16" Wire

53 m 3/8" Wire
wire marked at top
at 13.5 m mark 250 m

160 m 3/8" Wire
wire marked at top
at 18 m mark 310 m
at 108 m mark 400 m
Mark Reel

340 m 3/8" Wire
wire marked at top
at 100 m mark 550 m

500 m 3/8" Wire
500 m 3/8" Wire
100 m 3/8" Wire

Special Wire/Nylon Termination
100 m 3/8" Wire
200 m 7/8" Nylon
1850 m 7/8" Nylon w/hard eye
1300 m 1" Colmega
one piece, wrapped termination
with hard eye
one piece, to be
spliced at sea

STRATUS-24 MOORING
V1 05/30/2025 RTG