

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

Position: 19°46'S, 85°30'W

2.7 m Surlyn Foam MOBS Buoy with:
 (2) IMET/ARGOS Telemetry,
 (1) Floating Sea Surface Temperature Sensor

SBE-39 Sea Surf. Temp.

Bridle with IMET Temp. Sensors at 1.0 m Depth, and Backup ARGOS Transmitter

Note: T-Pods, Seacats, SBE 37s and SBE39s
 All mounted on mooring with sensors up

Note: Instruments to 70 meters
 coated with anti fouling paint

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
(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

HARDWARE REQUIRED (Includes approx. 20% Spares)	
(2)	1" Chain Shackles
(2)	1" Anchor Shackles
(2)	1" Weldless End Link
(5)	7/8" Anchor Shackles
(3)	7/8" Chain Shackles
(122)	7/8" Weldless Links
(170)	3/4" Chain Shackles
(7)	3/4" Anchor Shackles
(70)	5/8" Chain Shackles

DEPTH
 2 m
 3.7 m
 7 m
 10 m
 13 m
 16 m
 20 m
 25 m
 30 m
 32.5 m
 35 m
 37.5 m
 40 m
 45 m
 55 m
 62.5 m
 70 m
 77.5 m
 85 m
 92.6 m
 96.35 m
 100 m
 115 m
 130 m
 135 m
 145 m
 160 m
 175 m
 183 m
 190 m
 220 m
 235 m
 250 m
 290 m
 310 m
 350 m
 400 m
 450 m

SEACAT w/ Load Bar 0.22 m 3/4" Mooring Chain
 SEACAT w/ Load Bar 0.37 m 3/4" Mooring Chain
 SEACAT w/ Load Bar 1.95 m 3/4" Mooring Chain
 SEACAT w/ Load Bar 1.25 m 3/4" Mooring Chain
 VMCM in 3/4" cage 0.83 m 3/4" Mooring Chain
 Aanderaa ADCM 1.73 m 3/4" Mooring Chain
 SEACAT w/ Load Bar 2.25 m 3/4" Mooring Chain
 VMCM in 3/4" cage 2.78 m 3/4" Mooring Chain
 T-POD w/ Load Bar 3.66 m 3/4" Mooring Chain
 SEACAT w/ Load Bar 1.20 m 3/4" Mooring Chain
 Aanderaa ADCM 1.20 m 3/4" Mooring Chain
 T-POD w/ Load Bar 1.05 m 3/4" Mooring Chain
 Brancker xr 420 TC 1.05 m 3/4" Mooring Chain
 MicroCat w/ Load Bar 3.15 m 3/4" Mooring Chain
 VMCM in 3/4" cage 8 m 7/16" Wire
 Aanderaa ADCM 6.2 m 7/16" Wire
 MicroCat w/ Load Bar 6.2 m 7/16" Wire
 T-POD w/ Load Bar 6.2 m 7/16" Wire
 T-POD w/ Load Bar 6.2 m 7/16" Wire
 MicroCat w/ Load Bar 6.2 m 7/16" Wire
 T-POD w/ Load Bar 2.32 m 3/4" Mooring Chain
 MicroCat w/ Load Bar 2.32 m 3/4" Mooring Chain
 T-POD w/ Load Bar 13.5 m 7/16" Wire
 T-POD w/ Load Bar 13.5 m 7/16" Wire
 MicroCat w/ Load Bar 3.75 m 3/4" Mooring Chain
 RDI ADCP in cage 8 m 7/16" Wire
 VMCM in 3/4" cage 13 m 7/16" Wire
 MICROCATw/ Load Bar 13.5 m 7/16" Wire
 T-POD w/ Load Bar 6.2 m 7/16" Wire
 SONTEK ADCM (down) 6.2 m 7/16" Wire
 MICROCATw/ Load Bar 28.5 m 7/16" Wire
 MICROCATw/ Load Bar 13 m 7/16" Wire
 VMCM in 3/4" cage 13 m 7/16" Wire
 MICROCATw/ Load Bar 38 m 3/8" Wire
 VMCM in 3/4" cage 18 m 3/8" Wire
 MICROCATw/ Load Bar 38 m 3/8" Wire
 VMCM in 3/4" cage

500 m 3/8" Wire
 Mark Top and put marks at 48.5 m & 98.5 m from top

Special Wire/Nylon Termination
 500 m 3/8" Wire
 500 m 3/8" Wire
 100 m 3/8" Wire
 200 m 7/8" Nylon
 * 150 m 7/8" Nylon
 1500 m 7/8" Nylon
 100 m 1" Nylon
 1500 m 1-1/8" Polypropylene

one piece, wrapped termination
 one piece, to be spliced at sea

(90) 17" GlassBalls on 1/2" Trawler Chain
 5 m 1/2" Trawler Chain
 Acoustic Release EGG Model 322
 5 m 1/2" Trawler Chain
 20 m 1" Samson Nystron
 5 m 1/2" Trawler Chain

Water Depth= 4413 m

Anchor Wet Wt 8000 lbs (Air Wt 9300 lbs)

STRATUS-5 MOORING

Version 3 - 11/28/04

Jord