

STRATUS 9TH DEPLOYMENT FINAL - SHEET 1 OF 2

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

Position: 19°42.65'S, 85°35.30'W

2.7 m Surlyn Foam MOBS Buoy with:
 (2) IMET/ARGOS Telemetry,
 (1) Floating Sea Surface Temperature Sensor
 (1) Fixed Temperature Sensor on frame
 (1) Stand Alone HRH - mini
 (1) NDBC WAMDAS wave package

SBE-39 Sea Surf. Temp.
 Fixed TR 1050 Temp.

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

5 tr 1060 in foam hull

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 REQUIRED	
(Includes approx. 20% Spares)	
(1)	1.25" Master Link
(2)	1" Chain Shackles
(2)	1" Anchor Shackles
(2)	1" Weldless End Link
(6)	7/8" Anchor Shackles
(3)	7/8" Chain Shackles
(130)	7/8" Weldless Links
(185)	3/4" Chain Shackles
(7)	3/4" Anchor Shackles
(70)	5/8" Chain Shackles

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
(I)	1-1/4" Master Link, (1) 5/8" Ch Sh. (1) 7/8" End Link, (1) 7/8" Anc Sh

DEPTH	Equipment	Mooring Chain / Wire
2 m	Brancker xr 420 TC	.22 m 3/4" Mooring Chain
3 m	SBE 39-UP-SHORT TB	Termination
3.7 m	MicroCat w/ Load Bar	Termination
5 m	SBE 39-DOWN-SHORT TB	Termination
6 m	SBE 39-UP-SHORT TB	0.45 m 3/4" Mooring Chain
6.75 m	MicroCat w/ Load Bar	Termination
7.9 m	SBE 39-UP-SHORT TB	Termination
8.4 m	TWIN NORTEKADCMs - Heads Up	Termination
10 m	Aanderaa ADCM - Heads Up	1.65 m 3/4" Mooring Chain
12 m	SBE 39-DOWN-SHORT TB	Termination
15 m	NORTEK ADCP - Heads Up	.75 m 3/4" Mooring Chain
16 m	MicroCat w/ Load Bar	Termination
20 m	Aanderaa ADCM - Heads Up	2.63 m 3/4" Mooring Chain
25 m	SBE 39-UP-SHORT TB	3.66 m 3/4" Mooring Chain
27.5 m	TWIN NORTEKADCMs - Heads Up	1.50 m 3/4" Mooring Chain
30 m	MicroCat w/ Load Bar	.75 m 3/4" Mooring Chain
32.5 m	Aanderaa ADCM - Heads Up	1.20 m 3/4" Mooring Chain
35 m	SBE 39 -UP-SHORT TB	1.20 m 3/4" Mooring Chain
37.5 m	MicroCat w/ Load Bar	1.35 m 3/4" Mooring Chain
40 m	MicroCat w/ Load Bar	1.20 m 3/4" Mooring Chain
45 m	VMCM in 3/4" cage	3.30 m 3/4" Mooring Chain
47.5 m	TWIN NORTEKADCMs - With Vane	0.68 m 3/4" Mooring Chain
50 m	Aanderaa Sea Guard ADCM	0.75 m 3/4" Mooring Chain
55 m	VMCM in 3/4" cage	2.63 m 3/4" Mooring Chain
62 m	MicroCat w/ Load Bar	5.25 m 7/16" Wire
66.7 m	TWIN NORTEKADCMs - Heads Up	3.53 m 3/4" Mooring Chain
70 m	SBE 39 CLAMPED TO WIRE	16.25 m 7/16" Wire
77.5 m	SBE 39 CLAMPED TO WIRE	wire marked at top at 2.0 m mark 70 m at 9.5 m mark 77.5 m
85 m	MicroCat w/ Load Bar	1.20 m 3/4" Mooring Chain
87.4 m	TWIN NORTEKADCMs - Heads Up	7.2 m 7/16" Wire
92 m	SBE 39 CLAMPED TO WIRE	wire marked at top at 3.40 m mark 92 m
96.3 m	MicroCat w/ Load Bar	10 m 7/16" Wire
100 m	SBE 39 CLAMPED TO WIRE	wire marked at top at 2.80 m mark 100 m
107.5 m	TWIN NORTEKADCMs - Heads Up	21 m 7/16" Wire
115 m	SBE 39 CLAMPED TO WIRE	wire marked at top at 6.3 m mark 115 m
130 m	MicroCat w/ Load Bar	3.66 m 3/4" Mooring Chain
135 m	RDI WORKHORSE ADCP	7.5 m 7/16" Wire
145 m	VMCM in 3/4" cage	13 m 7/16" Wire
160 m	SeaCat w/ Load Bar	21 m 7/16" Wire
175 m	SBE 39 CLAMPED TO WIRE	wire marked at top at 14 m mark 175 m
183 m	VMCM in 3/4" cage	5.0 m 7/16" Wire
190 m	SeaCat w/ Load Bar	Termination
192 m	SONTEK ADCM - Heads Down	27 m 7/16" Wire
220 m	SeaCat w/ Load Bar	13 m 7/16" Wire
235 m	VMCM in 3/4" cage	13 m 7/16" Wire
250 m	SeaCat w/ Load Bar	38 m 3/8" Wire
290 m	VMCM in 3/4" cage	18 m 3/8" Wire
310 m	SeaCat w/ Load Bar	8.5 m 3/8" Wire
320 m	VMCM in 3/4" cage	27.5 m 3/8" Wire
350 m	VMCM in 3/4" cage	
400 m	SBE 39 CLAMPED TO WIRE	500 m 3/8" Wire
450 m	SBE 39 CLAMPED TO WIRE	wire marked at top and bottom at 48.5 m mark 400 m at 98.5 m mark 450 m

wire marked at top at 2.0 m mark 70 m at 9.5 m mark 77.5 m

wire marked at top at 3.40 m mark 92 m

wire marked at top at 2.80 m mark 100 m

wire marked at top at 6.3 m mark 115 m

wire marked at top at 14 m mark 175 m

wire marked at top and bottom at 48.5 m mark 400 m at 98.5 m mark 450 m