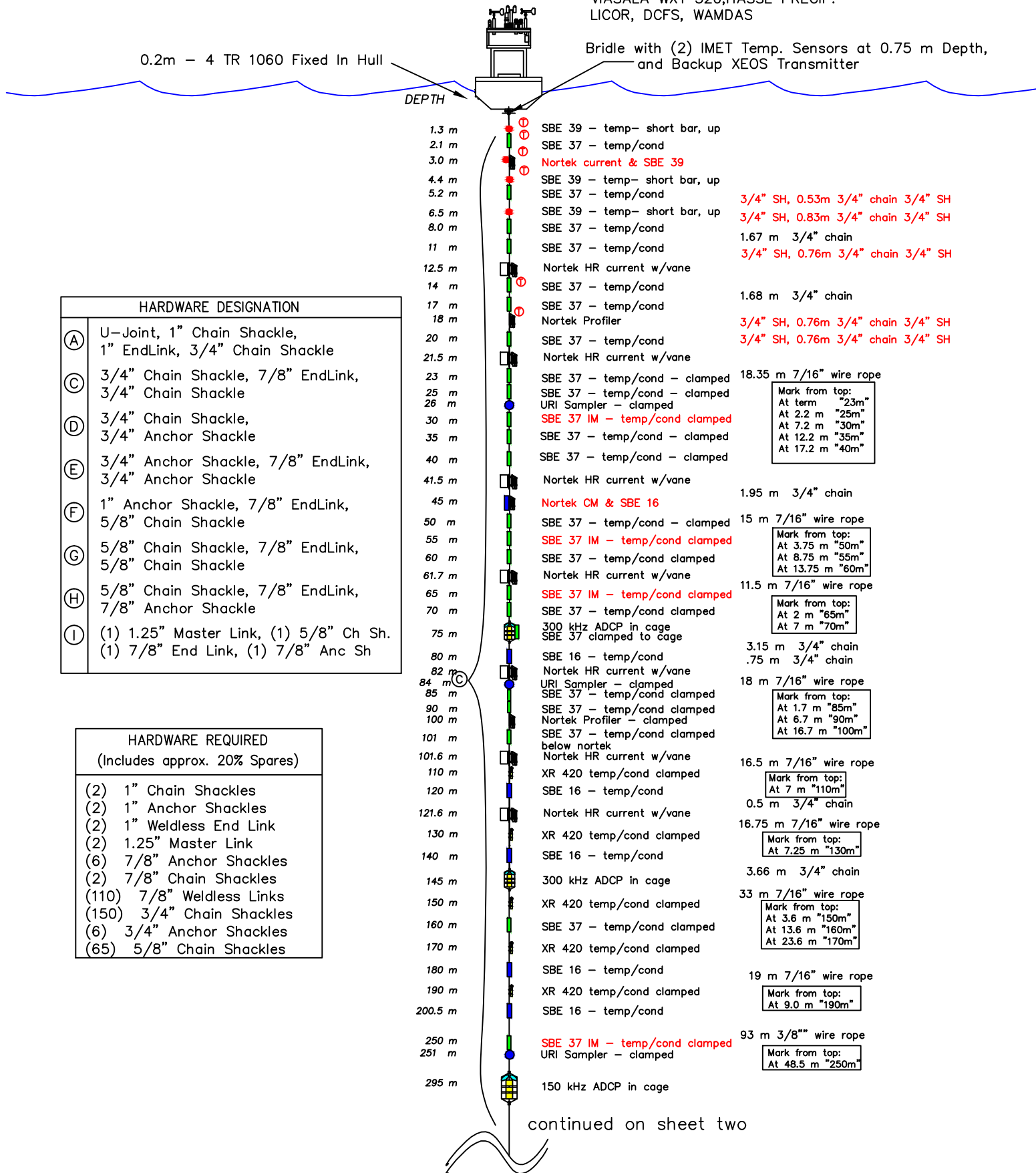


PO Mooring # 1250

BUOY WATCH CIRCLE ~ 4 N.Miles

2.7 m Surlyn Buoy with
(2) IMET/Iridium Telemetry,
XEOS GPS, SA AT/H, LASCAR
VIASALA WXT 520, HASSE PRECIP.
LICOR, DCFS, WAMDAS



0.2m - 4 TR 1060 Fixed In Hull

Bridle with (2) IMET Temp. Sensors at 0.75 m Depth, and Backup XEOS Transmitter

DEPTH

HARDWARE DESIGNATION	
(A)	U-joint, 1" Chain Shackles, 1" EndLink, 3/4" Chain Shackles
(C)	3/4" Chain Shackles, 7/8" EndLink, 3/4" Chain Shackles
(D)	3/4" Chain Shackles, 3/4" Anchor Shackles
(E)	3/4" Anchor Shackles, 7/8" EndLink, 3/4" Anchor Shackles
(F)	1" Anchor Shackles, 7/8" EndLink, 5/8" Chain Shackles
(G)	5/8" Chain Shackles, 7/8" EndLink, 5/8" Chain Shackles
(H)	5/8" Chain Shackles, 7/8" EndLink, 7/8" Anchor Shackles
(I)	(1) 1.25" Master Link, (1) 5/8" Ch Sh., (1) 7/8" End Link, (1) 7/8" Anc Sh

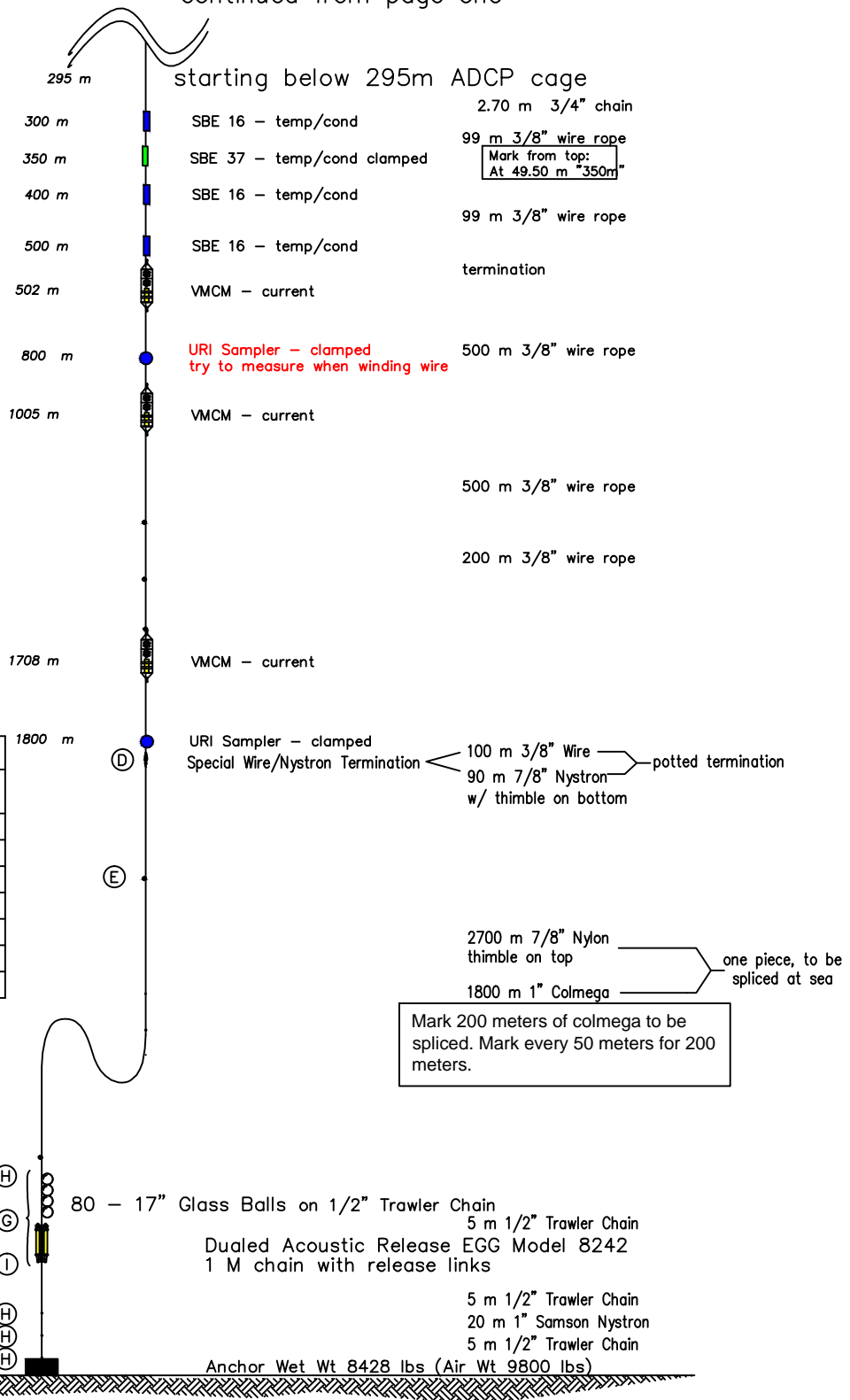
HARDWARE REQUIRED (Includes approx. 20% Spares)	
(2)	1" Chain Shackles
(2)	1" Anchor Shackles
(2)	1" Weldless End Link
(2)	1.25" Master Link
(6)	7/8" Anchor Shackles
(2)	7/8" Chain Shackles
(110)	7/8" Weldless Links
(150)	3/4" Chain Shackles
(6)	3/4" Anchor Shackles
(65)	5/8" Chain Shackles

- 1.3 m SBE 39 - temp- short bar, up
- 2.1 m SBE 37 - temp/cond
- 3.0 m Nortek current & SBE 39
- 4.4 m SBE 39 - temp- short bar, up
- 5.2 m SBE 37 - temp/cond
- 6.5 m SBE 39 - temp- short bar, up
- 8.0 m SBE 37 - temp/cond
- 11 m SBE 37 - temp/cond
- 12.5 m Nortek HR current w/vane
- 14 m SBE 37 - temp/cond
- 17 m SBE 37 - temp/cond
- 18 m Nortek Profiler
- 20 m SBE 37 - temp/cond
- 21.5 m Nortek HR current w/vane
- 23 m SBE 37 - temp/cond - clamped
- 25 m SBE 37 - temp/cond - clamped
- 26 m URI Sampler - clamped
- 30 m SBE 37 IM - temp/cond clamped
- 35 m SBE 37 - temp/cond - clamped
- 40 m SBE 37 - temp/cond - clamped
- 41.5 m Nortek HR current w/vane
- 45 m Nortek CM & SBE 16
- 50 m SBE 37 - temp/cond - clamped
- 55 m SBE 37 IM - temp/cond clamped
- 60 m SBE 37 - temp/cond clamped
- 61.7 m Nortek HR current w/vane
- 65 m SBE 37 IM - temp/cond clamped
- 70 m SBE 37 - temp/cond clamped
- 75 m 300 kHz ADCP in cage
- 80 m SBE 37 clamped to cage
- 80 m SBE 16 - temp/cond
- 82 m Nortek HR current w/vane
- 84 m URI Sampler - clamped
- 85 m SBE 37 - temp/cond clamped
- 90 m SBE 37 - temp/cond clamped
- 100 m Nortek Profiler - clamped
- 101 m SBE 37 - temp/cond clamped
- 101.6 m below nortek
- 101.6 m Nortek HR current w/vane
- 110 m XR 420 temp/cond clamped
- 120 m SBE 16 - temp/cond
- 121.6 m Nortek HR current w/vane
- 130 m XR 420 temp/cond clamped
- 140 m SBE 16 - temp/cond
- 145 m 300 kHz ADCP in cage
- 150 m XR 420 temp/cond clamped
- 160 m SBE 37 - temp/cond clamped
- 170 m XR 420 temp/cond clamped
- 180 m SBE 16 - temp/cond
- 190 m XR 420 temp/cond clamped
- 200.5 m SBE 16 - temp/cond
- 250 m SBE 37 IM - temp/cond clamped
- 251 m URI Sampler - clamped
- 295 m 150 kHz ADCP in cage

- 3/4" SH, 0.53m 3/4" chain 3/4" SH
- 3/4" SH, 0.83m 3/4" chain 3/4" SH
- 1.67 m 3/4" chain
- 3/4" SH, 0.76m 3/4" chain 3/4" SH
- 1.68 m 3/4" chain
- 3/4" SH, 0.76m 3/4" chain 3/4" SH
- 3/4" SH, 0.76m 3/4" chain 3/4" SH
- 18.35 m 7/16" wire rope
- Mark from top:
At 2.2 m "23m"
At 7.2 m "30m"
At 12.2 m "35m"
At 17.2 m "40m"
- 1.95 m 3/4" chain
- 15 m 7/16" wire rope
- Mark from top:
At 3.75 m "50m"
At 8.75 m "55m"
At 13.75 m "60m"
- 11.5 m 7/16" wire rope
- Mark from top:
At 2 m "65m"
At 7 m "70m"
- 3.15 m 3/4" chain
- .75 m 3/4" chain
- 18 m 7/16" wire rope
- Mark from top:
At 1.7 m "85m"
At 6.7 m "90m"
At 16.7 m "100m"
- 16.5 m 7/16" wire rope
- Mark from top:
At 7 m "110m"
- 0.5 m 3/4" chain
- 16.75 m 7/16" wire rope
- Mark from top:
At 7.25 m "130m"
- 3.66 m 3/4" chain
- 33 m 7/16" wire rope
- Mark from top:
At 3.6 m "150m"
At 13.6 m "160m"
At 23.6 m "170m"
- 19 m 7/16" wire rope
- Mark from top:
At 9.0 m "190m"
- 93 m 3/8" wire rope
- Mark from top:
At 48.5 m "250m"

continued on sheet two

continued from page one



REFERENCE		
DEPTH	NYLON	COLMEGA
4725	2500	1500
4825	2500	1500
4925	2500	1600
5025	2500	1700
5125	2600	1700
5225	2700	1800
5325	2700	1800

SPURS_v13_5300m.dwg
08/29/12
jord

SPURS MOORING

V13 - Sheet 2 of 2