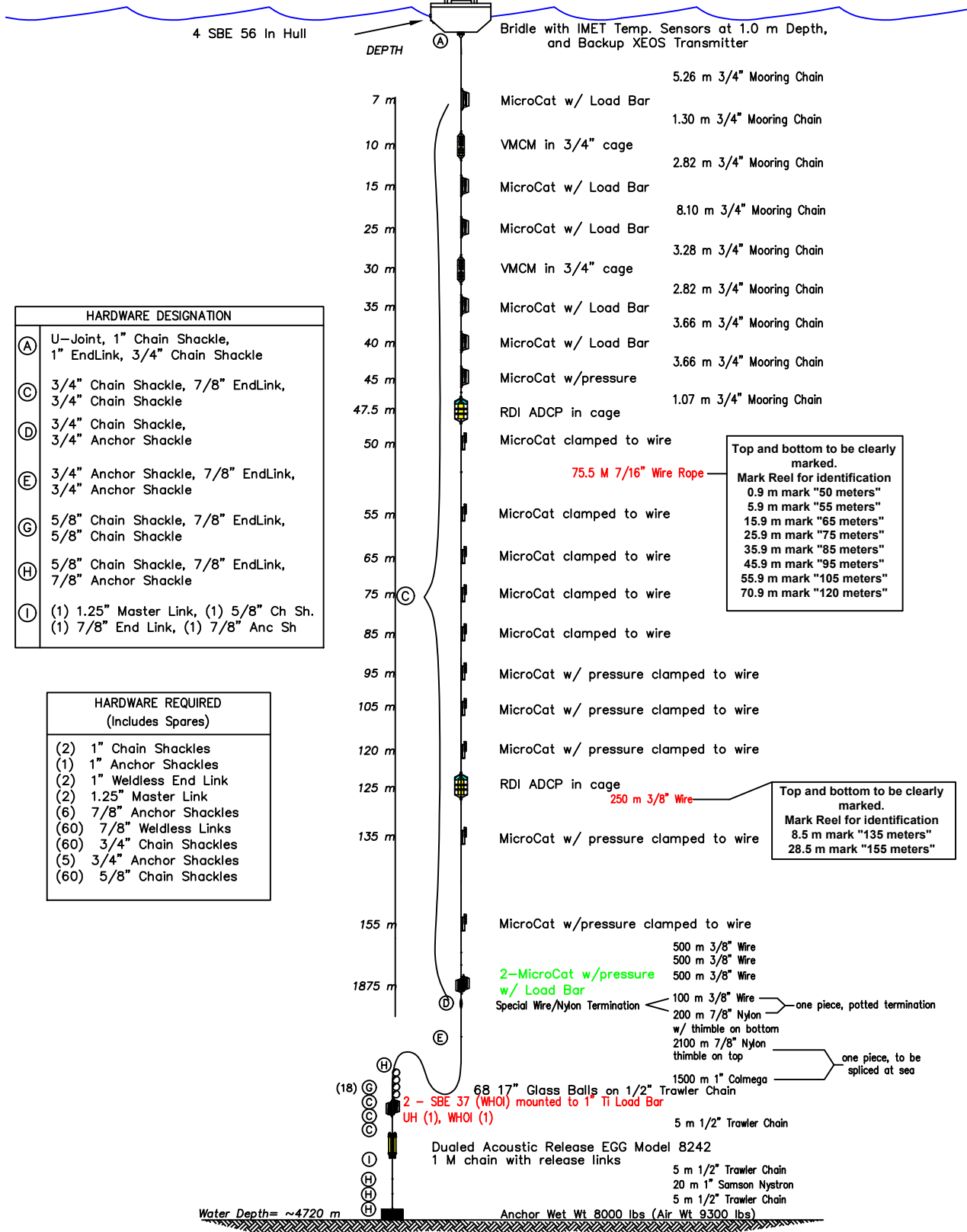# PO # ---- (Add later)
May 5, 2019

MAX. DIA. BUOY WATCH CIRCLE = 4.4 N.Miles

Position: 22 40 N, 157 57 W

2.7 m Surlyn Buoy with
(2) IMET/ARGOS Telemetry w/ Sonic Wind,
 XEOS GPS, Rotronic, SBE 39AT, Lascar At/H
VAISALA WXT 520 ,PCO2, SAMI, SBE 16,

4 SBE 56 In Hull

DEPTH

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

Depth	Instrument	Chain/Wire
		5.26 m 3/4" Mooring Chain
7 m	MicroCat w/ Load Bar	1.30 m 3/4" Mooring Chain
10 m	VMCM in 3/4" cage	2.82 m 3/4" Mooring Chain
15 m	MicroCat w/ Load Bar	
25 m	MicroCat w/ Load Bar	8.10 m 3/4" Mooring Chain
30 m	VMCM in 3/4" cage	3.28 m 3/4" Mooring Chain
35 m	MicroCat w/ Load Bar	2.82 m 3/4" Mooring Chain
40 m	MicroCat w/ Load Bar	3.66 m 3/4" Mooring Chain
45 m	MicroCat w/pressure	3.66 m 3/4" Mooring Chain
47.5 m	RDI ADCP in cage	1.07 m 3/4" Mooring Chain
50 m	MicroCat clamped to wire	

75.5 M 7/16" Wire Rope

**Top and bottom to be clearly marked.
Mark Reel for identification
0.9 m mark "50 meters"
5.9 m mark "55 meters"
15.9 m mark "65 meters"
25.9 m mark "75 meters"
35.9 m mark "85 meters"
45.9 m mark "95 meters"
55.9 m mark "105 meters"
70.9 m mark "120 meters"**

Depth	Instrument
55 m	MicroCat clamped to wire
65 m	MicroCat clamped to wire
75 m (C)	MicroCat clamped to wire
85 m	MicroCat clamped to wire
95 m	MicroCat w/ pressure clamped to wire
105 m	MicroCat w/ pressure clamped to wire
120 m	MicroCat w/ pressure clamped to wire
125 m	RDI ADCP in cage

250 m 3/8" Wire

**Top and bottom to be clearly marked.
Mark Reel for identification
8.5 m mark "135 meters"
28.5 m mark "155 meters"**

Depth	Instrument
135 m	MicroCat w/ pressure clamped to wire
155 m	MicroCat w/pressure clamped to wire

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

1875 m — **2-MicroCat w/pressure w/ Load Bar**

(D)

Special Wire/Nylon Termination

100 m 3/8" Wire — one piece, potted termination
200 m 7/8" Nylon w/ thimble on bottom
2100 m 7/8" Nylon thimble on top — one piece, to be spliced at sea
1500 m 1" Colmega

(E)

(H)
(18) (G)
(C)
(C)
(C)

68 17" Glass Balls on 1/2" Trawler Chain

**2 – SBE 37 (WHOI) mounted to 1" Ti Load Bar
UH (1), WHOI (1)**

5 m 1/2" Trawler Chain

(I) Dualed Acoustic Release EGG Model 8242
1 M chain with release links

(H) 5 m 1/2" Trawler Chain
(H) 20 m 1" Samson Nystron
(H) 5 m 1/2" Trawler Chain

Water Depth= ~4720 m   Anchor Wet Wt 8000 lbs (Air Wt 9300 lbs)

HARDWARE DESIGNATION

(A)	U−Joint, 1" Chain Shackle, 1" EndLink, 3/4" 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
(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) 1.25" Master Link, (1) 5/8" Ch Sh. (1) 7/8" End Link, (1) 7/8" Anc Sh

HARDWARE REQUIRED
(Includes Spares)

(2) 1" Chain Shackles
(1) 1" Anchor Shackles
(2) 1" Weldless End Link
(2) 1.25" Master Link
(6) 7/8" Anchor Shackles
(60) 7/8" Weldless Links
(60) 3/4" Chain Shackles
(5) 3/4" Anchor Shackles
(60) 5/8" Chain Shackles

WHOTS MOORING
16 th Deployment - v3

bpietro