

# MBARI GoMEX SUBSURFACE ESP MOORING

Version 1.1: Jan 2020 Deploy

## Event Log / Notes:

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Target: 27.67025873° N, 93.3959502° W Depth: 236 m

Actual:

Depth:

SBE 19 PlusV2 (Depth 1 m; 2.3 kg in water)

Serial#: \_\_\_\_\_ Start time: \_\_\_\_\_

(1) 5/8" 316 shackle

Top of float (15 m depth)  
221.0 m

Telebuoy w/ Motorola Iridium 9555 Handset, ICRON Rover 2850 Iridium Antenna-xxxxxx

30 m Xtreme-Net Falmat cable married to 30 m black Tygon w/ 1/2" ID. 8 hardfloats (9 lbs buoyancy each) attached to the cable. COPPER de-bubbler at ~2 m depth.

\_\_\_\_\_ beacon s/n \_\_\_\_\_, with \_\_\_\_\_ flasher.

Syntactic Foam Float w/ESP \_\_\_\_\_: 330 kg buoyancy w/out ESP, ~480 kg buoyancy w/ESP.

ESP base with two battery packs  
Lead ingots in legs (25 lbs each)

(1) 5/8" shackle  
1 m 1/2" Long link chain  
(1) 1/2" shackle  
(1) 5/8" sling link  
(1) 1/2" shackle

1/4" 3x19 PP jacket wire rope (200.0 m; 200.2 m stretched; 29 kg)

make up pieces  
of Nylon or chain:  
5 m, 2 m (2), 1 m

18.1 m  
17.6m  
(1) 1/2" shackle  
(1) 4 link chain  
(1) 1/2" shackle  
(1) 5/8" pear link  
(1) 1/2" shackle

15.5m  
(1) 1/2" shackle  
(1) 2-ton roller swivel  
(1) 1/2" shackle  
(1) 1/2" shackle  
(1) 5/8" pear link  
(1) 1/2" shackle

14.2m  
1/2" Long link chain (1.0m)

12.7m  
(2) benthos drop links  
(1) 1/2" drop link chain (0.5m)  
(1) 5/8" shackle  
(1) 5" drop ring

3/4" Yale Nylon Brait (9.6m)

3.1m  
(1) 5/8" shackle  
(1) 5/8" sling link  
(1) 1/2" shackle

1/2" Long link chain (2.0m)

1.0m  
(1) 5/8" shackle (or substitute)

(4) Benthos model 2040-17V glass floats (25.4 kg buoy. ea.)  
mounted in pairs on 1/2" long link chain (1m; 2.76 kg)

Paired Benthos model 865A long acoustic releases (depth xx m)

Serial#: \_\_\_\_\_ Enable: \_\_\_\_\_ Release: \_\_\_\_\_

RX(khz): \_\_\_\_\_ TX(khz): \_\_\_\_\_

Serial#: \_\_\_\_\_ Enable: \_\_\_\_\_ Release: \_\_\_\_\_

RX(khz): \_\_\_\_\_ TX(khz): \_\_\_\_\_

1100 kg anchor (~900 kg in water)

3 wheel

## Start Deploy:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Wind Dir / Spd: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_

## Drop Anchor:

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Hdg / Spd: \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_