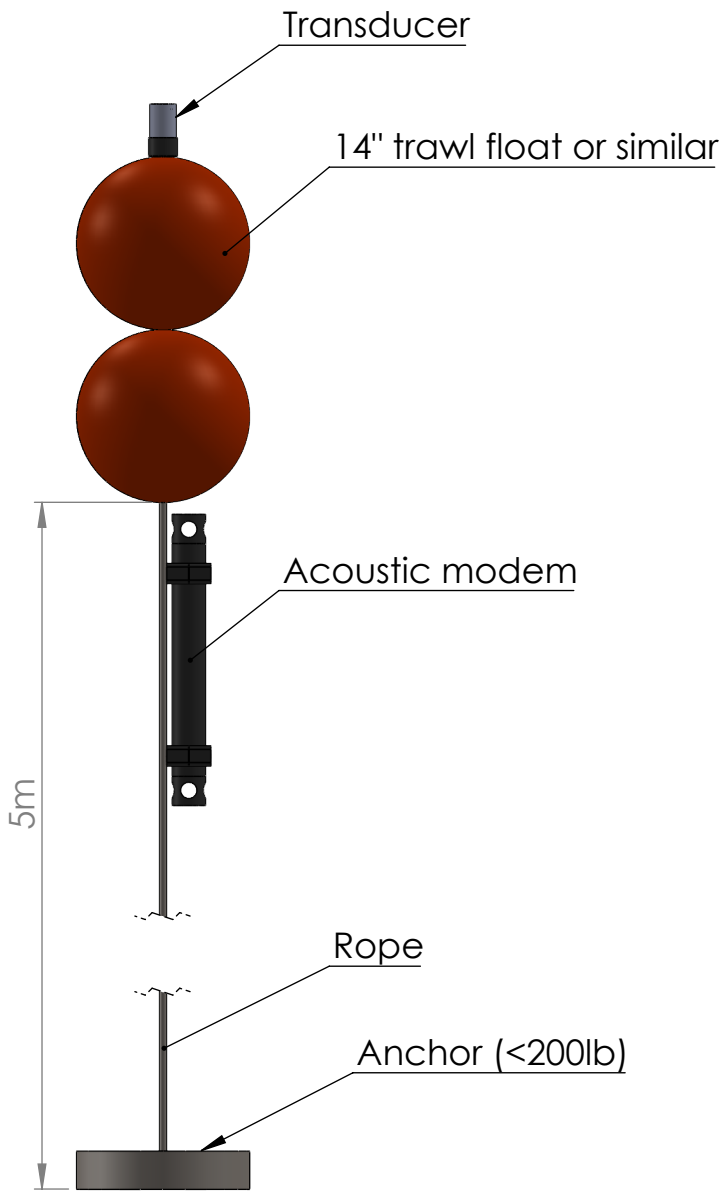


**Deployment depth**: 80-100m (no wave action in summer, flat continental shelf, reasonable biofouling). For example 4-5nm WNW or SW of Moss Landing.

**Weights in water:**
Acoustic modem and transducer: 8lb
2 floats: -81lb

**Weight in air:**
floats: 31lb
Acoustic modem and transducer: 21lb
Anchor: 150 to 200lb

Video target of known size can be placed on top of transducer to allow distance calculation.

**Deployment:** Paragon

**Two options for recovery**:
- ROV Ventana ties a rope to the anchor. Rachel Carson recovers or leaves a float for Paragon to recover.

- As suggested by ROV pilots and Chris Grech, Ventana cuts rope and picks up anchor. Rachel Carson later revovers drifting float. Risk of loosing it.

Chris Greg says we can piggyback on other missions. Latest date for recovery with RC is 8/2/17.

| UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: | | | |
|---|---|---|---|
| 1 PLACE DIM ±1/16 | 2 PLACE DIM ±.02 | 3 PLACE DIM ±.005 | ANGLES ±1° |

1.DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.

Vendor:

Material: Material <not specified>

| APPROVALS | DATE |
|---|---|
| DRAWN | 2/27/2017 |
| CHECKED | |
| ENGINEER | Francois Cazenave |
| | |
| PROJECT NO. | |
| PROJECT | |
| WEIGHT | 556.65 lb |

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

LRAUV Mock Dock

| SIZE | DWG. NO. | REV. |
|---|---|---|
| A | | |

SCALE:1:100 SHEET 1 OF 1