Available Options
1. Single or Dual Band Microphones (i.e. 10kHz, 25kHz)
2. Batteries (ML SPEC Class II, Non-Class II)
3. Quad Band Antennas
4. 905MHz or 2.4GHz Primary Elements

Dual Band Antenna
905MHz Dipole Freewater
2.4GHz Dipole WiFi
Sealed Quad Coax Connector

Weight: xx (air)
Reserve Buoyancy: xx

SealLite 2 NM Solar Navigation Light

Cable Clamp

Tygon covered chain Ballast (Shown Short)

Cable Lock

Handle

Dual Band Vidium/GPS Antenna

Hoist:

Woods Hole Oceanographic Institution
Acoustic Communications Group
86 Water Street, Dept. 4 MS 18, Woods Hole, MA 02543

Drawing Title: VSW Buoy Gen 3

Designer: Tyler Johnson 5/23/2017
Engineer: Tyler Johnson 5/23/2017

Sheet 1 of 4

Drawing Number: 255019-ASM

Revised: A

Scale: 1:10

Unless Otherwise Noted:
1. Tolerances: ± .025
2. Dimensions Are in Inches
3. Break All Sharp Edges
4. Surface Finishes Critical for O-Ring Surfaces
5. Material:
6. Finish:
MIL SPEC Class 9 Hazmat Battery Option ~500wh

- 205088 Distribution Board
- 20518 Edison Interface
- 205032 MM2 Multi-RX PSK Stack for 10KHz+
- 205102 Indium/GPS or Naxelle GPS/Imum A3XL-3XM
- Freeware FRG2 900Mhz
- 3x U2-2590V Li-Ion Battery Stack with 3x chargers

Unless Otherwise Noted:
1. Tolerances: Decimal
   XX ± 0.01
   XXX ± 0.005
2. Dimensions are in inches
3. Break All Sharp Edges
4. Surface Finishes Critical for O-Ring Surfaces
5. Material:
6. Finish:

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Drawing Title: VSW Buoy Gen 3

Designer: Tyler Johnson  5/23/2017
Engineer: Tyler Johnson  5/23/2017

Sheet 1 of 1

Rev: A