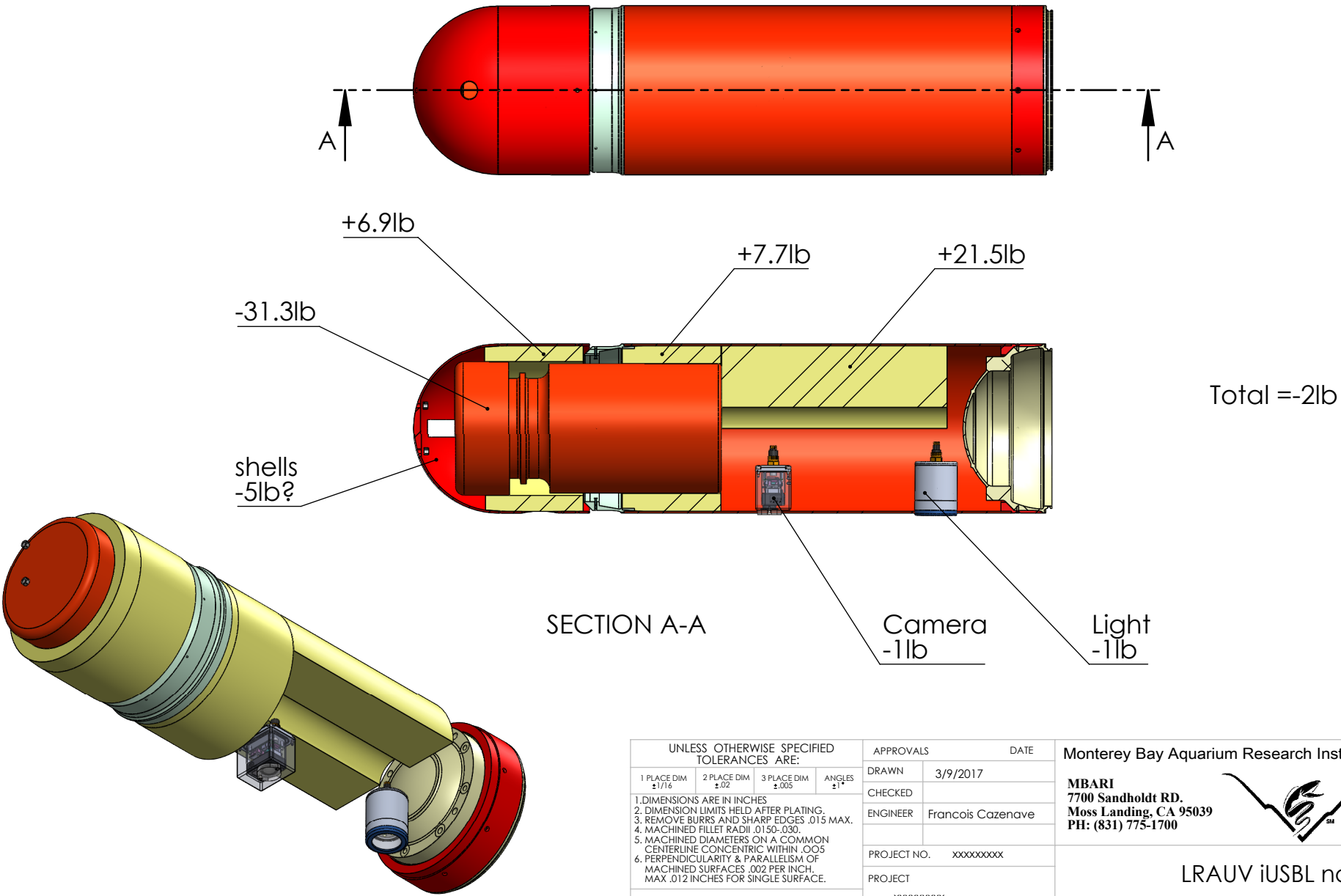


LRAUV nose with USBL: weights in water



|                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               |             |                   |            |  |                                                                                    |  |          |                                                                                                           |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------|-------------------|------------|--|------------------------------------------------------------------------------------|--|----------|-----------------------------------------------------------------------------------------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      |               | APPROVALS   |                   | DATE       |  | Monterey Bay Aquarium Research Institute                                           |  |          |                                                                                                           |              |
| 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN       | 3/9/2017          |            |  |                                                                                    |  |          |                                                                                                           |              |
| 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS HELD AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br>4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. |                     |                      |               | CHECKED     |                   |            |  | <b>MBARI</b><br>7700 Sandholdt RD.<br>Moss Landing, CA 95039<br>PH: (831) 775-1700 |  |          |                                                                                                           |              |
|                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | ENGINEER    | Francois Cazenave |            |  |                                                                                    |  |          |                                                                                                           |              |
|                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT NO. |                   |            |  | XXXXXXXXXX                                                                         |  |          | <br>LRAUV iUSBL nose |              |
| PROJECT                                                                                                                                                                                                                                                                                                                                         |                     |                      |               | XXXXXXXXXX  |                   |            |  |                                                                                    |  |          |                                                                                                           |              |
| Vendor: MBARI                                                                                                                                                                                                                                                                                                                                   |                     |                      |               |             |                   |            |  |                                                                                    |  |          |                                                                                                           |              |
| Material:                                                                                                                                                                                                                                                                                                                                       |                     |                      |               | WEIGHT      |                   | 153.166 lb |  | SIZE<br><b>A</b>                                                                   |  | DWG. NO. |                                                                                                           | REV.         |
|                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               |             |                   |            |  | SCALE: 1:10                                                                        |  |          |                                                                                                           | SHEET 1 OF 1 |