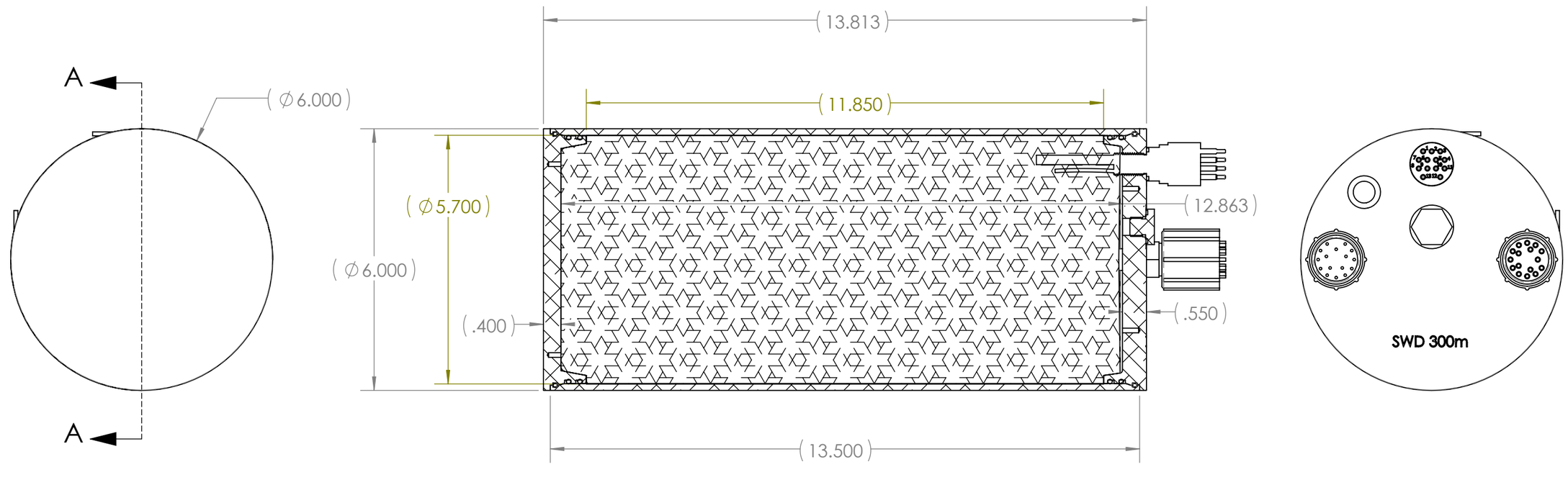
REVISIONS			
	INITIAL RELEASE	X/XX/01	J.E.



SECTION A-A
SCALE 1 : 2.5

WATER WEIGHT = -7.91739

8. SWD = 300m.

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\PayloadLongNose\PayloadCase

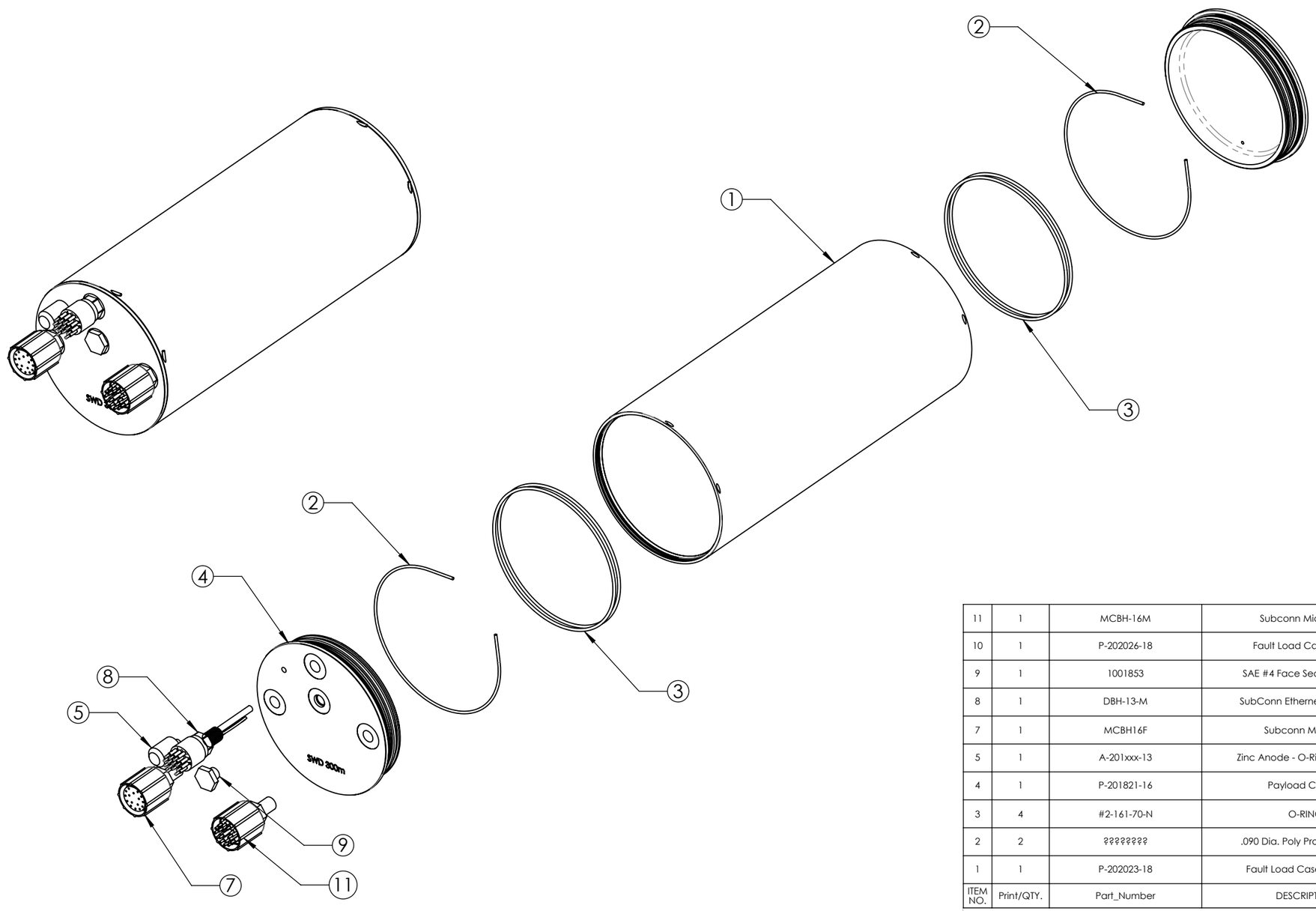
NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	Monterey Bay Aquarium Research Institute
Inspector		1 PLACE DIM ±1/16 | 2 PLACE DIM ±.02 | 3 PLACE DIM ±.005 | ANGLES ±1°		DRAWN J. ERICKSON 7/23/18	**MBARI**
Shop Foreman		1. DIMENSIONS ARE IN INCHES		ENGINEER J. ERICKSON 7/23/18	**7700 Sandholdt RD.**
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		CHECKED	**Moss Landing, CA 95039**
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.			**PH: (831) 775-1700**
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 901706	TETHYS - LRAUV PAYLOAD
	A-202xxx-18	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5		PROJECT FAULT PROGNOSTICATION	cDAC Case V1
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			SIZE B | DWG. NO. A-202019-18.DWG | REV.
Application		DO NOT SCALE DRAWING		WEIGHT 6.757	SCALE 1:4 | CAD FILE: MECH ENG ON TORNADO | SHEET 1 OF 2

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



ITEM NO.	Print/QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL
11	1	MCBH-16M	Subconn Micro-16M		SubConn	
10	1	P-202026-18	Fault Load Cap (Blank)		MBARI	6061-T6 Alloy
9	1	1001853	SAE #4 Face Seal Vent Plug		MBARI	Titanium 6AL-4V
8	1	DBH-13-M	SubConn Ethernet BulkHead		Teledyne SubConn	
7	1	MCBH16F	Subconn Micro-16		Subconn	
5	1	A-201xxx-13	Zinc Anode - O-Ring Assembly		MBARI	
4	1	P-201821-16	Payload Cap V1		MBARI	6061-T6 Alloy
3	4	#2-161-70-N	O-RING			BUNA - N
2	2	????????	.090 Dia. Poly Propylene Rod		Professional Plastics	
1	1	P-202023-18	Fault Load Case Tube _V0		MBARI	6061-T6 Alloy

BILL OF MATERIALS

Shop / Q.C.	
Inspector	
Shop Foreman	
Engineer	
NEXT ASSY Description	NEXT ASSY Number
	A-202xxx-18
Application	

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.

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN J. ERICKSON	7/23/18
ENGINEER J. ERICKSON	7/23/18
CHECKED	
PROJECT NO. 901706	
PROJECT FAULT PROGNOSTICATION	
WEIGHT 6.757 lb.	

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

TETHYS - LRAUV PAYLOAD
cDAC Case V1

SIZE	DWG. NO.	REV.
B	A-202019-18.DWG	

SCALE 1:4 | CAD FILE: MECH ENG ON TORNADO | SHEET 2 OF 2

7. PROJECT LIBRARYX:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\PayloadLongNose\PayloadCase

NOTES: (CONT. FROM TITLE BLOCK)