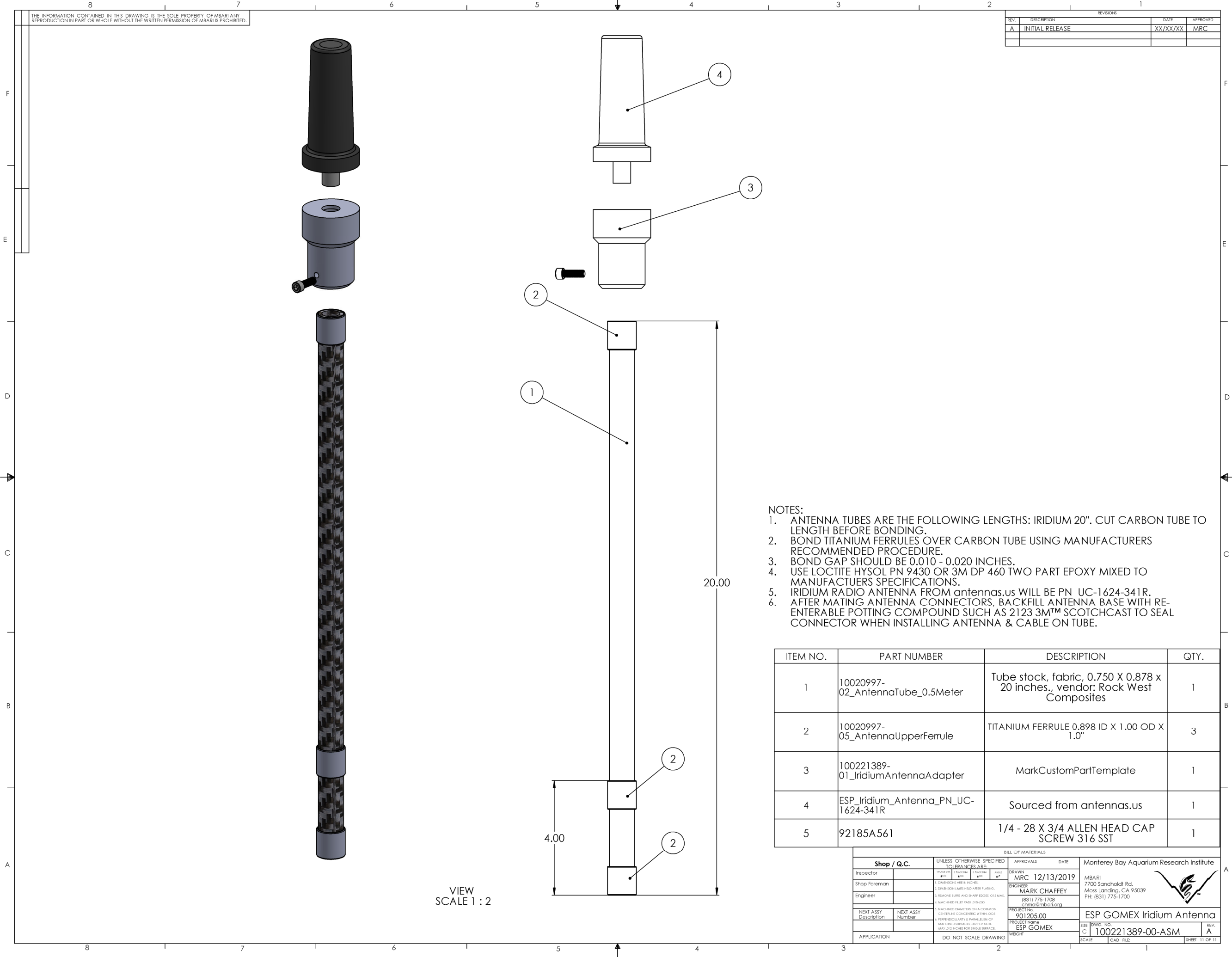




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	XX/XX/XX	MRC

- NOTES:
1. ANTENNA TUBES ARE THE FOLLOWING LENGTHS: Iridium 20". CUT CARBON TUBE TO LENGTH BEFORE BONDING.
 2. BOND TITANIUM FERRULES OVER CARBON TUBE USING MANUFACTURERS RECOMMENDED PROCEDURE.
 3. BOND GAP SHOULD BE 0.010 - 0.020 INCHES.
 4. USE LOCTITE HYSOL PN 9430 OR 3M DP 460 TWO PART EPOXY MIXED TO MANUFACTURERS SPECIFICATIONS.
 5. Iridium RADIO ANTENNA FROM antennas.us WILL BE PN UC-1624-341R.
 6. AFTER MATING ANTENNA CONNECTORS, BACKFILL ANTENNA BASE WITH RE-ENTERABLE POTTING COMPOUND SUCH AS 2123 3M™ SCOTCHCAST TO SEAL CONNECTOR WHEN INSTALLING ANTENNA & CABLE ON TUBE.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10020997-02_AntennaTube_0.5Meter	Tube stock, fabric, 0.750 X 0.878 x 20 inches., vendor: Rock West Composites	1
2	10020997-05_AntennaUpperFerrule	TITANIUM FERRULE 0.898 ID X 1.00 OD X 1.0"	3
3	100221389-01_IridiumAntennaAdapter	MarkCustomPartTemplate	1
4	ESP_Iridium_Antenna_PN_UC-1624-341R	Sourced from antennas.us	1
5	92185A561	1/4 - 28 X 3/4 ALLEN HEAD CAP SCREW 316 SST	1

VIEW
SCALE 1 : 2

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector		FRACTION	DECIMAL	DRAWN	MRC	12/13/2019		MBARI	
Shop Foreman		1/16"	0.001"	ENGINEER	MARK CHAFFEY			7700 Sandholdt Rd.	
Engineer		1/32"	0.0005"		(831) 775-1708			Marina del Rey, CA 90403	
		1/64"	0.0001"		chm@mbaai.org			Ph: (831) 775-1700	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCERNING WITH GD&C		PROJECT No.	901205.00	PROJECT Name		ESP GOMEX Iridium Antenna	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES: 0.005 PER INCH, MAX. 0.010 INCHES FOR SINGLE SURFACE.		PROJECT Name	ESP GOMEX	SIZE	DWG. NO.	100221389-00-ASM	REV. A
APPLICATION		DO NOT SCALE DRAWING		WEIGHT		SCALE	CAD FILE	SHEET 11 OF 11	