



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Mapping Longitudinal	Port Side, 2" Square Tubing, 168" long, cut	1
2	Mapping Endpiece	2" Square Tubing, 26" long, cut	2
4	StbdMapping Longitudinal	Stbd Side, 2" Square Tubing, 168" long, cut	1
4	Mapping Cradle Member Seat		11
5	AngleGusset3Inch		8

Material: Aluminum

BILL OF MATERIALS										
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN D.R.Thompson	03/01/06			
Shop Foreman		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 .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER D.R.Thompson	03/01/06			
Engineer						CHECKED				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 900424				
						PROJECT Mapping AUV				
Application		DO NOT SCALE DRAWING				WEIGHT				
						SIZE B		DWG. NO. 1003078		REV.
						SCALE 1:32		CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1		
						Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700  1003078MappingCradleAssy				