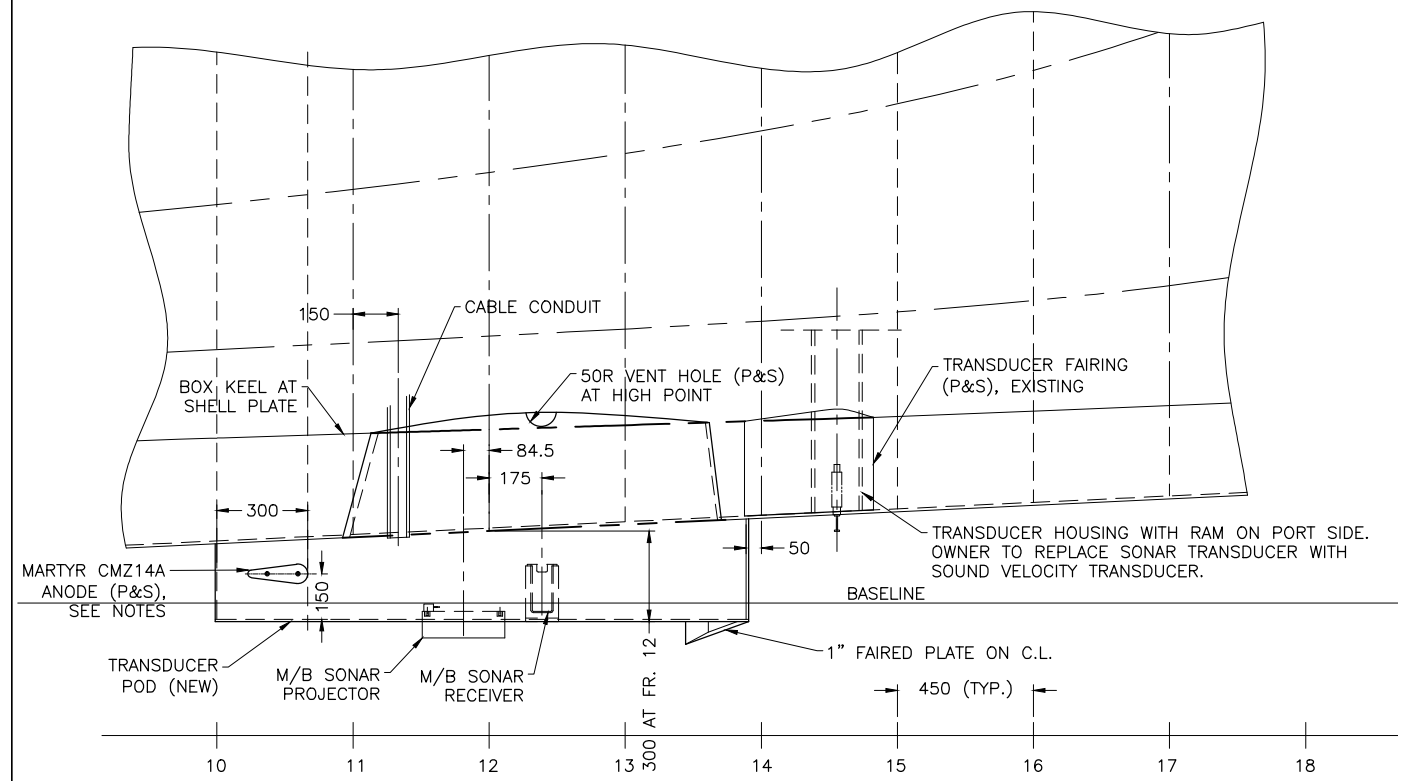
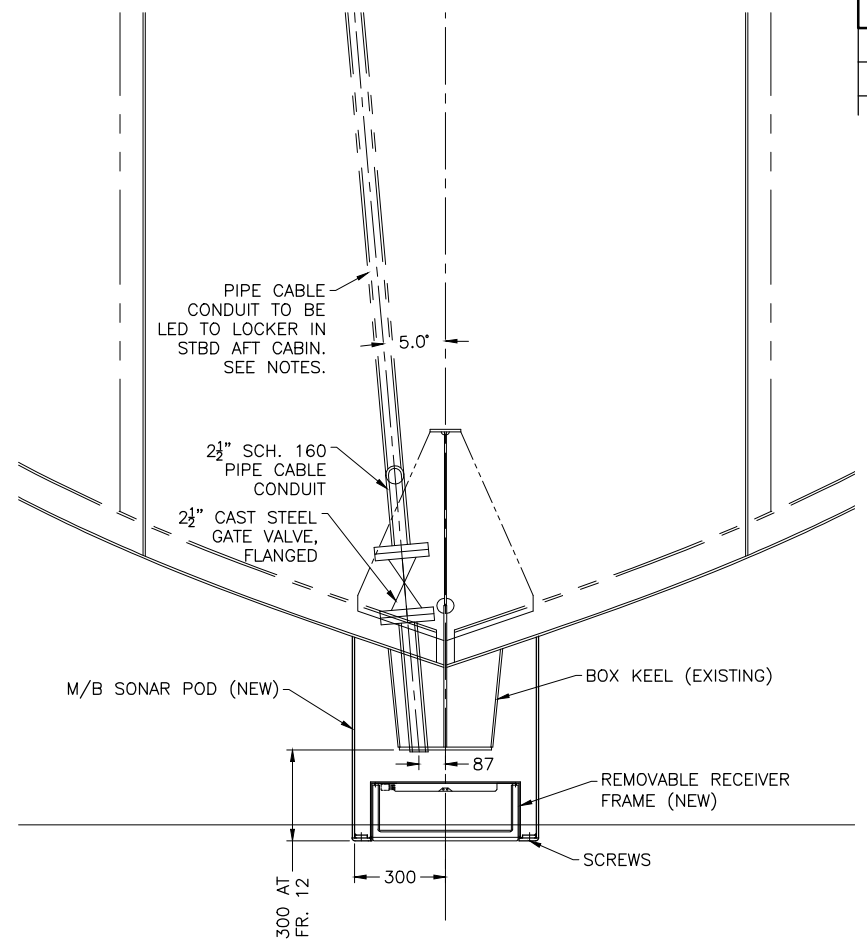


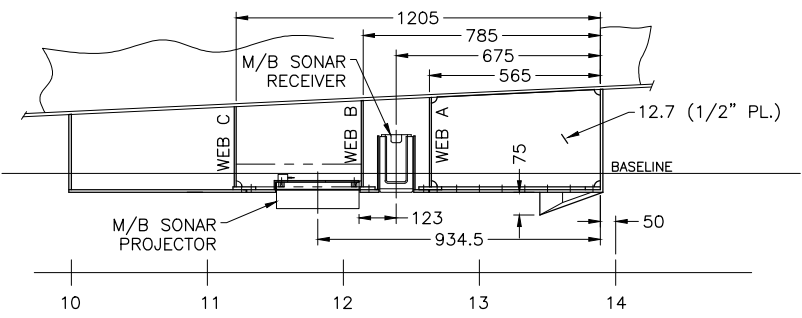
No.	REVISION	DATE
1	OWNER'S COMMENTS INCORPORATED, GENERAL UPDATE	JAN 2, 2017



TRANSUDCER POD - VIEW ON STBD SIDE



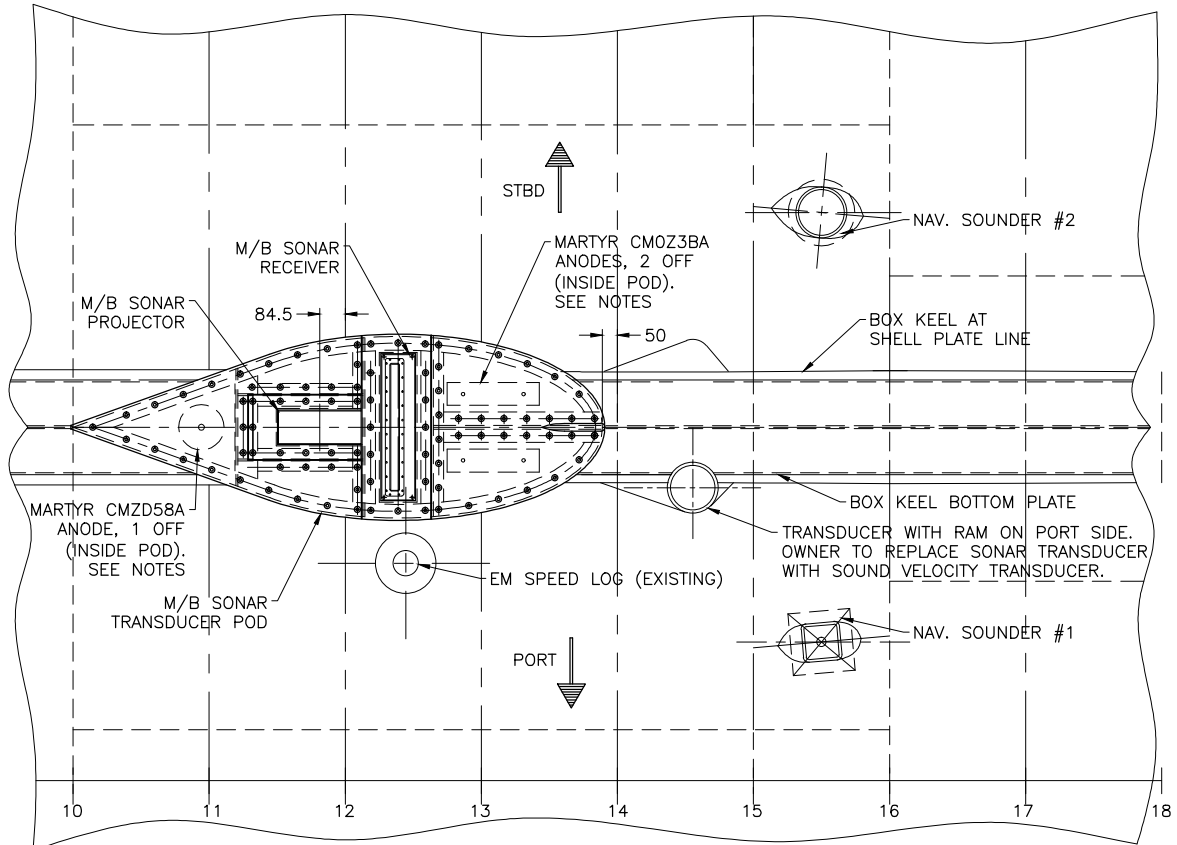
M/B SONAR TRANSDUCER POD SECTION AT RECEIVER



TRANSUDCER POD - ELEVATION ON C.L.

NEW WORK NOTES:

- 1) CONTRACTOR IS TO FABRICATE AND INSTALL A NEW TRANSDUCER POD ENCOMPASSING MULTI-BEAM SONAR PROJECTOR AND RECEIVER AS INDICATED ON THIS DRAWING. POD IS NOT WATERTIGHT AS THE SONAR RECEIVER IS COOLED BY WATER INSIDE THE POD.
- 2) ALL STEEL IS TO BE ABS GRADE A OR EQUIVALENT AND IS TO BE APPROVED BY CLASS.
- 3) SHAPE OF POD IS TO BE AS INDICATED ON THIS DRAWING. THE POD IS TO BE VERTICAL SIDED AND NOTCHED IN WAY OF THE EXISTING BOX KEEL AS SHOWN.
- 4) ALL WELDING IS TO BE 5MM LEG DOUBLE CONTINUOUS FILLET WELDS UNLESS NOTED OTHERWISE ON THIS DRAWING. WHERE ACCESS FOR WELDING BOTH SIDES IS NOT AVAILABLE, THE MINIMUM FILLET WELD LEG SIZE IS TO BE 7MM.
- 5) THE CONTRACTOR IS TO CONFIRM ALL DIMENSIONS OF RECEIVER AND PROJECTOR, INCLUDING BOLT SIZES AND LOCATIONS, PRIOR TO COMMENCING FABRICATION OF THE POD.
- 6) CABLE CONDUIT THROUGH BOX KEEL IS TO BE WELDED FULL PENETRATION FROM ONE SIDE ONLY, AT BOTTOM OF KEEL PLATE AND TOPSIDE OF HULL PLATE.
- 7) ALL SCREW HOLES ARE TO BE MATCH DRILLED BETWEEN REMOVABLE FRAMES, CLOSING PLATES AND POD BOTTOM FRAMEWORK.
- 8) SCREWS ARE TO BE 1/2" (12.7) 316L STAINLESS STEEL CAP SCREWS. ANTI-SEIZE COMPOUND OR PLUMBERS TAPE IS TO BE APPLIED TO ALL SCREWS TO MINIMIZE RISK OF GALLING.
- 9) SACRIFICIAL ANODES ARE TO BE FASTENED TO STUDS WELDED TO INSIDE OF CLOSING PLATES. ANODES ARE TO BE LOCATED AS INDICATED ON THIS DRAWING. ANODES ARE TO BE MARTYR M2 ALUMINUM ANODES OR EQUIVALENT.
- 10) ALL SURFACES INSIDE THE TRANSDUCER POD, INCLUDING INSIDE OF CABLE CONDUIT ARE TO BE COATED TO SAME STANDARD AS HULL PLATE. ANTI-FOULING IS TO BE APPLIED TO ALL SURFACES TO SAME STANDARD AS HULL PLATE.
- 11) DAMAGE TO INTERNAL COATINGS DUE TO HOT WORK ARE TO BE REPAIRED BY CONTRACTOR TO SAME STANDARD AS EXISTING.
- 12) CABLE CONDUIT GATE VALVE IS TO BE LOCATED AS CLOSE TO SHELL PLATE AS POSSIBLE.
- 13) LOCKER IN STARBOARD AFT CABIN IS TO BE RETURNED TO ORIGINAL STANDARD WITH NEW INSULATION. EXISTING LOCKER LININGS ARE TO BE MODIFIED TO SUIT NEW CABLE CONDUIT.



TRANSUDCER POD - VIEW FROM BELOW

PROJECT:		RV DAVID THOMPSON	
		PARKS CANADA UNDERWATER ARCHAEOLOGY	
CLIENT:		PARKS CANADA AGENCY	
TITLE:		TRANSUDCER COMPARTMENT NEW TRANSDUCER POD	
DRAWN BY:	TAH	CHECKED BY:	
DATE:	DEC. 19, 16	APPROVED BY:	
SCALE:	1:25	FILENAME:	296-T1-2_1
		DRAWING NO:	296-T1-2
			Sht. 1 of 6
HALL MARINE DESIGN LTD.			
<small>NAVAL ARCHITECTS AND MARINE CONSULTANTS MAPLE RIDGE, BC, CANADA</small>			
<small>Tel: 604 837-8232</small>		<small>email: thallhmd@telus.net</small>	