

	Doc or ECO #:	ECO-70895-001	Date:	12/12/18	Author:	MW
	DOC Rev. #:	A				
Pro 5 Sonar Mount Plate	Engineering Approval:	AEG	Date:	12/13/18	Quality Approval	DO

P/N #:	70895	Effective Date:	December 12, 2018
Title:	Pro 5 Sonar Mount Plate		

1.0 Purpose / Summary

Modifications to PRO5 frame for payload support and cable management.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70895	Pro 5 ROV Frame Sonar Mount Plate	☐	☐	☒	B

3.0 Detail

The Oculus sonar mount holes/screws did not match what we are using on the Defender. They now have been switched from M4 flat head screws (71486) to M4 pan head screws (70880) to match the Defender. The holes in the plate have been updated to fit these new screws.

A cutout was added in the plate so that the manip wire may be passed through discretely.

Two more holes were added so that the Pro 4 manip can be mounted using saddle brackets.

Ø.19 thru all and counter sunk Ø.40 X 90° has now been changed to Ø.18 thru all and counterbore Ø.35 down .280.

The cutout has a diameter of Ø.313 and is .94" off center and tangent to the thruster nozzle cutout.

The two extra holes have a diameter .14" and are 4.413" from the original holes.

4.0 Disposition of Material

All stock on hand will be reworked to new revision.

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5.0 Action Items

Action	Department	Acknowledgement Initials
Rework stock material	ENG / PUR	AEG

6.0 Modified / Referenced Documents:

Document	Current Revision

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
12-12-2018	Bottom view	Updated sonar mount; added cable cutout & two holes	Mike Willis