



SEA-BIRD ELECTRONICS, INC.

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Service

Report

RMA Number

80059

Customer Information:

Company	Pacific Marine Environmental Lab	Date	7/1/2014
Contact	Shaun Bell		
PO Number	TBD		

Serial Number	430910
Model Number	SBE 43

Services Requested:

1. Evaluate/Repair Instrumentation.

Problems Found:

1. The spar glass was cracked.
Slow dry tau response found.
The resolution was lower than expected.
The membrane was wrinkled.

Services Performed:

1. Performed initial diagnostic evaluation. *
2. Replaced the SBE 43 SPAR sub assembly. *
3. Replaced the lid and membrane assembly (0.5 mil). *
4. Replaced the electrolyte with new fluid. *
5. Installed NEW board mounted battery. *
6. Performed internal inspection and O-ring replacement. *
7. Performed hydrostatic pressure test. *
8. Performed "Final" calibration of the oxygen sensor. *
9. Performed full diagnostic evaluation. *

Special Notes:

* All services were performed at no charge.