



Coastal Glider PVT (CG-VE-3098) TC-001: Shock and Vibration Test Report for Slocum S-G2 (LBS-G) Glider Requirement L4-CG-GD-RQ-195

Control Number: 3167-10201

Version: 1-00

Date: 11/11/2011

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Template 3101-00023 Version 1-00



Revision History

Version	Description	Originator	ECR No.	Release Date
1-00	Cover sheet for L4-CG-GD-RQ-195 test	D. Neiman		

Table of Contents

1.0	Scope	1
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List of Figures

Figure 1: Shock and vibration testing report for the Navy LBS-G program.....2

1.0 Scope

This document presents the results of shock and vibration testing performed by the vendor of the Coastal and Open-ocean Gliders (Teledyne Webb Research), presented to satisfy Requirement L4-CG-GD-RQ-195. This document is archived as an artifact for the test case where this requirement is addressed. It describes test protocols and results for a glider similar to the ones procured by OOI. The glider tested was not identical to the OOI glider, as its sensor load was different and the OOI glider includes an additional hull section, but the construction of the shipping container for the glider is the same for the Navy and OOI gliders. As this testing cost ~\$50,000 and requires considerable lead time, a decision was made within OOI to accept this attached report as verifying the requirement.

The report provided by the vendor is embedded into this document as a .pdf file. Only the cover page of the report is displayed; in order to access the full report, double-click the image on the next page.



CDRL A040

**Test Report – Glider/LARS
Shock and Vibration
Rev. 1**

Contract No.: N00039-09-C-0019

**Littoral Battlespace
Sensing – Glider (LBS-G)**

5 February 2010

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Figure 1: Shock and vibration testing report for the Navy LBS-G program.
Double-click to view the full document.