



Verification Procedure & Results

Document No.: 3167-20102 rev A

Test Case ID: 002, Ver-CG-69	Test Case Name: VE-CG-3100 Sheltered water testing		Test Plan Document No.: 3167-20000	Test Plan Rev.: 2-00	Test Date: 10/15/2012
Test Director (Print Name) Ed Dever	Signature in lieu of electronic signature	Design Engineer	Approval Signature John S. Dingess in lieu of electronic signature		Date 10-11-2012
Test Conductor (Print Name) David Neiman	Signature 	System Engineer	Approval Signature Ed Dever (in lieu of electronic signature)		Date 10/15/2012
Witnessed by (Print name)	Signature	QA/QC Engineer	Approval Signature Michael A. Zernick		Date 10/17/12

Test Class	<input checked="" type="checkbox"/> Performance	<input checked="" type="checkbox"/> Behavioral	<input type="checkbox"/> Reliability	<input type="checkbox"/> Endurance / Longevity	<input type="checkbox"/> Survivability	<input type="checkbox"/> Safety
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Test Description
Test flight information, including documentation of shallow-water acoustic modem testing, will be examined by OOI personnel.

Requirements Addressed
L4-CG-GD-RQ-216, L4-CG-GD-RQ-146

Test Setup Glider records from sheltered-water deployments will be available.	Test Artifacts This document Glider "blue book" containing manufacturing and test records and sensor documentation (kept at TWR). Glider flight test and acoustic modem test documentation
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Test Procedure				Test Results		
Step No.	Instructions	Expected Results (Accept Criteria)	Requirement ID	Test Data	Pass/Fail	Notes/Waiver No.
2.1	Inspect the flight-test documentation	The glider can be deployed and recovered from a small boat.	L4-CG-GD-RQ-216	The glider was deployed/recovered in Cape Cod Bay with a 17' Carolina Skiff.	Pass	Done during initial in-water modem testing and in Ashumet Pond testing.
2.2	Inspect the modem communication results for files sent and received between the glider and an SM75 mooring	The glider is able to carry, power and operate a bi-directional acoustic modem.	L4-CG-GD-RQ-146	The glider communicated with the SM75 and a deck box on the deployment/recovery vessel.	Pass	Artifacts part of acoustic modem test reports incorporated into PVT Report (3167-27010).