Verification Procedure & Results

Test Procedure Document No.:	Test Procedure Rev.:
3166-70108	1-01

Test Case Name:	Test Plan Document #	Test Plan Rev.:	Test End Date:
Platform Controller Pressure Test	3166-70000	1-01	

Test Conductor (Print Name)	Signature	Design Engineer (Print Name)	Approval Signature	Date
		Taylor Semingson		2013-07-01
Test Director (Print Name)	Signature	**System Engineer** (Print Name)	Approval Signature	Date
		Sheri N. White		2013-06-28
Witnessed by (Print name)	Signature	**QA/QC Engineer** (Print Name)	Approval Signature	Date
		Gary Cook (I&T Lead)		2013-06-28
DOORS Verification Procedure ID	**DOORS Verification Event ID**	**Test Results Reviewed**	**QA:**	Date
Ver-CG-273	CG-VE-3023		**Test Dir.**	Date

Test Description

This test procedure will verify that the SIO platform controller housings are able to survive pressure equivalent to 6000m water depth by testing them in a high-pressure tank.

Requirements Addressed

L4-CG-PC-RQ-275 Platform Controller pressure housings on Global Moorings shall survive pressures equivalent to 6000 m water depth.

Test Environment

- Pressure housings will be located at a pressure testing facility.
- At SIO, the Keck pressure testing facility will be used.

Test Setup

SIO Platform Controller Pressure housings are assembled.
Pressure testing facility capable of at least 9,000psi available.

Test Artifacts

Test Artifacts consist of the Pass/Fail results for steps contained within this procedure.

Test Procedure 3166-70108 Rev 1-01				Test Results		
Step#	**Instructions**	**Expected Results**	**Requirement ID**	**Observed Results**	**Pass/Fail**	**Notes**
1	Pressure test platform controller pressure housings for 1hr at 9,000psi	Pressure housing does not leak.	L4-CG-PC-RQ-275			