



Quick Look Test Report Document No.: 3166-97001

Test Event Name: Uncabled Coastal Surface-Piercing Profiler (uCSPP) Integration and Verification Test (Verification Event Ver-CG-3091) Predeployment Instrument Verifications			Test Plan Document No.: 3166-90000	Test Plan Rev.: 0-06	Report Date: 2014-01-21
Test Report Reviewed & Approved By					
Quality Engineer (Print Name) David Neiman	Signature 	Date 2/10/2014	Test Director (Print Name) Jonathan Fram	Signature 	Date 2014-02-12

Test Event Description

This document refers to Uncabled Coastal Surface-Piercing Profiler (uCSPP) Product Verification Test activities occurring prior to deployment of the profiler for sea trials. These activities include inspections and demonstrations at WETLabs. Details of verification of individual requirements are found in DCN 3166-90106 (Ver-CG-279).

The complete list of requirements to be verified for the instruments is: L4-CG-IP-RQ-159, L4-CG-IP-RQ-162, L4-CG-IP-RQ-594, L4-CG-IP-RQ-440, L4-CG-IP-RQ-163, L4-CG-IP-RQ-592, L4-CG-IP-RQ-167, L4-CG-IP-RQ-171, L4-CG-IP-RQ-176, L4-CG-IP-RQ-177, L4-CG-IP-RQ-180, L4-CG-IP-RQ-342, L4-CG-IP-RQ-343, L4-CG-IP-RQ-344, L4-CG-IP-RQ-346, L4-CG-IP-RQ-182, L4-CG-IP-RQ-183, L4-CG-IP-RQ-187, L4-CG-IP-RQ-348, L4-CG-IP-RQ-561, L4-CG-IP-RQ-213, L4-CG-IP-RQ-214, L4-CG-IP-RQ-217, L4-CG-IP-RQ-219, L4-CG-IP-RQ-397, L4-CG-IP-RQ-395, L4-CG-IP-RQ-393, L4-CG-IP-RQ-223, L4-CG-IP-RQ-551, L4-CG-IP-RQ-659, L4-CG-IP-RQ-387, L4-CG-IP-RQ-388, L4-CG-IP-RQ-389, L4-CG-IP-RQ-390, L4-CG-IP-RQ-391, L4-CG-IP-RQ-374, L4-CG-IP-RQ-527, L4-CG-IP-RQ-206, L4-CG-IP-RQ-373, L4-CG-IP-RQ-207, L4-CG-IP-RQ-377, L4-CG-IP-RQ-233, L4-CG-IP-RQ-403, L4-CG-IP-RQ-558, L4-CG-IP-RQ-234, L4-CG-IP-RQ-404, L4-CG-IP-RQ-239, L4-CG-IP-RQ-260, L4-CG-IP-RQ-261, L4-CG-IP-RQ-264, L4-CG-IP-RQ-265, L4-CG-IP-RQ-266, L4-CG-IP-RQ-385, L4-CG-IP-RQ-606, L4-CG-IP-RQ-596, L4-CG-IP-RQ-597, L4-CG-IP-RQ-598, L4-CG-IP-RQ-267, L4-CG-IP-RQ-607, L4-CG-IP-RQ-226, L4-CG-IP-RQ-514, L4-CG-IP-RQ-516, L4-CG-IP-RQ-518, L4-CG-IP-RQ-519, L4-CG-IP-RQ-228, L4-CG-IP-RQ-399, L4-CG-IP-RQ-520, L4-CG-IP-RQ-522, L4-CG-IP-RQ-525, L4-CG-IP-RQ-401

Test Results					
Test Case ID	Test Name / Description	Test Results / Data	Test Conclusions	Corrective Action or satisfied requirement	Requirement ID
TC-001	Instrument verification	The listed requirements were satisfied.	The requirements may be listed as satisfied for the uCSPP in DOORS.	L4-CG-IP-RQ-159, L4-CG-IP-RQ-162, L4-CG-IP-RQ-594, L4-CG-IP-RQ-440, L4-CG-IP-RQ-163, L4-CG-IP-RQ-592, L4-CG-IP-RQ-171, L4-CG-IP-RQ-167, L4-CG-IP-RQ-176, L4-CG-IP-RQ-177, L4-CG-IP-RQ-180, L4-CG-IP-RQ-342, L4-CG-IP-RQ-343, L4-CG-IP-RQ-344, L4-CG-IP-RQ-346, L4-CG-IP-RQ-183, L4-CG-IP-RQ-187, L4-CG-IP-RQ-348, L4-CG-IP-RQ-561, L4-CG-IP-RQ-213, L4-CG-IP-RQ-214, L4-CG-IP-RQ-217, L4-CG-IP-RQ-219, L4-CG-IP-RQ-397, L4-CG-IP-RQ-395, L4-CG-IP-RQ-393, L4-CG-IP-RQ-223, L4-CG-IP-RQ-551, L4-CG-IP-RQ-659, L4-CG-IP-RQ-387, L4-CG-IP-RQ-388, L4-CG-IP-RQ-389, L4-CG-IP-RQ-390, L4-CG-IP-RQ-391, L4-CG-IP-RQ-374, L4-CG-IP-RQ-527, L4-CG-IP-RQ-206, L4-CG-IP-RQ-373, L4-CG-IP-RQ-207, L4-CG-IP-RQ-377, L4-CG-IP-RQ-233, L4-CG-IP-RQ-403, L4-CG-IP-RQ-558, L4-CG-IP-RQ-234, L4-CG-IP-RQ-404, L4-CG-IP-RQ-239, L4-CG-IP-RQ-260, L4-CG-IP-RQ-261, L4-CG-IP-RQ-264, L4-CG-IP-RQ-265, L4-CG-IP-RQ-266, L4-CG-IP-RQ-385, L4-CG-IP-RQ-606, L4-CG-IP-RQ-596, L4-CG-IP-RQ-597, L4-CG-IP-RQ-598, L4-CG-IP-RQ-267, L4-CG-IP-RQ-607, L4-CG-IP-RQ-226, L4-CG-IP-RQ-514, L4-CG-IP-RQ-516, L4-CG-IP-RQ-518, L4-CG-IP-RQ-519, L4-CG-IP-RQ-228, L4-CG-IP-RQ-399, L4-CG-IP-RQ-520, L4-CG-IP-RQ-522, L4-CG-IP-RQ-525	See list in adjacent cell.
TC-001	Instrument verification	The listed requirement was waived per Ed Chapman, 2/10/2014..	Waiver to change to DOSTA 1303-01339	The instrument selected was not the DOFST originally specified for the profiler. The Aanderaa 4331 does not have the response time required for a DOFST	L4-CG-IP-RQ-561
TC-001	Instrument verification	The listed requirement was not satisfied as of 2/10/2014.	Waiver required	The drift specification is for 4 µm over a deployment interval. The current specification is for 4 µm drift over ~14 hours of lamp usage (~140 90m profiles). The drift may be post-correctable. Documentation of the linearity of the drift may be required.	L4-CG-IP-RQ-404
TC-001	Instrument verification	The listed requirement was waived per Ed Chapman, 2/10/2014..	Waiver to change to VELPT 1303-01339	The Nortek Aquadopp does not have the sampling speed required of a VEL3D.	L4-CG-IP-RQ-264

Test Results					
Test Case ID	Test Name / Description	Test Results / Data	Test Conclusions	Corrective Action	Requirement ID
TC-001	Instrument verification	Requirement previously waived for DO instrument	Waiver in place	Waived per ECR 1300-00290	L4-CG-IP-RQ-348, L4-CG-IP-RQ-182
TC-001	Instrument verification	Requirement previously waived for FLORT instrument	Waiver in place	Waived per ECR 1300-00289	L4-CG-IP-RQ-393
TC-001	Instrument verification	Requirement previously waived for NUTNR instrument	Waiver in place	Waived by ECR1393-00246	L4-CG-IP-RQ-558
TC-001	Instrument verification	Requirement previously waived for OPTAA instrument	Waiver in place	Waived by ECR 1300-00287	L4-CG-IP-RQ-401