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| OOI logo CGSN_logo 2 | | **Quality Conformance Test Results** | | |
| **Procedure Doc. No.:**  **3305-00101** | **Procedure Title:**  **Quality Conformance Test for CTDMO** | **Revision:**  **2-01** |
| **Part No.:**  **partnumber**  **Serial No.:**  **serialnumber** | **Name/Description.:**  **CTDMO-seriesletter - Sea-Bird 37IM Conductivity, Temperature and Pressure Recorder with Inductive Modem** | | | **Form No.:**  **formnumber** |

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| **Test / Inspection Conducted by: username Test Date: testdate** | **Quality Review by: Date:** |

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| Test Results | | | | | | |
| **Step No.** | **Item ID** | **Test Parameter** | **Specification/Criteria** | **Test Data** | **Pass** | **Fail** |
| 8.3.5 | INTF-010 | Verification that communication is established through the RS-232 serial connection. | Establishing communication with the unit via the computer and received status. | 8.3.5 |  |  |
| 8.3.7 |  | Verification of instruments serial number | Serial number listed in the status message matches that printed on the outside of the unit. | 8.3.7a |  |  |
| 8.3.7 |  | Verification of firmware version | Current firmware version of instrument has not altered and is the same as that noted in a previous QCT results form. | 8.3.7b |  |  |
| 8.3.10 | INTF-005 | Verification of time synchronization of clock within unit. | The instruments clock was altered | 8.3.10 |  |  |
| 8.3.11 | COND-009  TEMP-007  PRES-005 | Verification that the sampling parameters for conductivity, pressure and temperature can be remotely reconfigured. | Recorded data shows change in sampling configuration. | 8.3.11 |  |  |
| 8. 3.12 | COND-008  TEMP-006  PRES-004 | Verification that unit sampled conductivity, pressure and temperature at an interval of 1 sample every 10 seconds | Header file contains required information on data rate | 8.3.12 |  |  |
| 8.3.13 | INTF-003 | Verification that data collected contains a date stamp | Collected data contains the date stamp in the part of the data string | 8.3.13a |  |  |
| 8.3.13 |  | Incoming data stream appears reasonable | Incoming data is reasonable (i.e. room temperature, null conductivity, null or slightly negative pressure, current date and time) | 8.3.13b |  |  |
| 8.3.15 |  | Incoming pressure sensor data stream appears operational | Pressure sensor data is steady and then fluctuates as pressure sensor is tapped | 8.3.15 |  |  |
| 8.3.16 |  | Incoming thermocouple data stream appears operational | Thermocouple data is steady and begins to drop as surrounding water cools from the ice. | 8.3.16 |  |  |

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| Test and Measurement Equipment | | |
| **Name (Make & Model No.)** | **ID No. or Serial No.** | **Cal. Due Date\*** |
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**\* Calibration Due Date only required for equipment that is regularly calibrated**

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| Notes |
| datafile |