



## SEAGLIDER "SG512" SERVICE REPORT

|          |                            |      |          |
|----------|----------------------------|------|----------|
| CUSTOMER | University of Hawaii SOEST | RMA  | SO00452G |
| AUTHOR   | R.Healy                    | DATE | 1/28/19  |

### RETURNED EQUIPMENT

SG512

### CUSTOMER REPORT

Vehicle experienced failure of pressure sensor during last deployment. Service required:

- Replace pressure sensor with Kistler titanium pressure sensor
- Perform dry-tests, ballasting and ocean test of repaired system
- OPTIONAL battery replacement service – customer to confirm

### INCOMING EVALUATION

The vehicle showed signs of wear on the fairing during incoming inspection. The wear was deemed to be cosmetic and not structural. The incoming bench check in revealed problems with the pitch system of the glider.

### WORK & RESULTS

The pitch system was re-worked using new parts. The work outlined in the customer report was performed. All systems were tested to factory standards and passed.

### INSTRUCTIONS TO THE CUSTOMER

The included thumb drive contains all sensor calibration records, an updated trimsheet, and files for flying the glider (cmdfile, sg\_calib\_constants.m, etc.). If you have any questions, please email [km.support.seaglider@km.kongsberg-us.com](mailto:km.support.seaglider@km.kongsberg-us.com).