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SOP development process

1) Initial SOP was drafted by Patricia López-García, Tom Hull, Sören Thomsen and Johannes Hahn.

2) Two expert sessions during OceanGliders Best Practice Workshop, May 11 - 25 2021. Additional authors joined: Bastien Y. Queste, Gerd Krahmann, Charlotte Williams, Mun Woo, Charitha Pattiaratchi, Laurent Coppola, Tania Morales, Virginie Racape, Claire Gourcuff, John Allen, Eva Alou, Nikolas D. Zarokanellos First community and user feedback was provided during the workshop by attendees.

3) SOP moved to this repository by: Patricia López-García, Tom Hull, Sören Thomsen in September 2021.

4) Next step: Several months of community review on GitHub starting in October 2021.

Introduction

Aanderaa Optodes

(Bittig et al. 2018)

RBR coda T.ODO

JFE Advantech RINKO

Pre-deployment operations

Storage and cleaning

Sensor integration

Pre-deployment calibration

Missions execution

Real time data processing & Quality Control

Post-recovery operations and calibrations

Delayed Mode Quality Control (DMQC)

References

Bittig, Henry C., Arne Körtzinger, Craig Neill, Eikbert van Ooijen, Joshua N. Plant, Johannes Hahn, Kenneth S. Johnson, Bo Yang, and Steven R. Emerson. 2018. "Oxygen Optode Sensors: Principle, Characterization, Calibration, and Application in the Ocean." *Frontiers in Marine Science* 4 (January): 1–25. https://doi.org/10.3389/fmars.2017.00429.