

Aquarius March Cal/Val Meeting Overview and Objectives

Format

- Workshop format focusing on discussions
- Presenters should to limit material to 20 minutes

Topics

SST Dependency of Salinity Retrieval Error – Path for V4

Discussion topics and seed questions:

- *Should the V3.4 SST correction be the baseline product for V4?*
- *Should there be a separate non-SST corrected product (old GMF)?*
- *Is there any evidence of spurious SST imprints in the V3.4 SSS?*
- *Should the correction be applied to only large spatial scales?*

Topics

Errors and Uncertainties in the SSS Data

Discussion topics and seed questions:

- *What are the remaining tall poles in the salinity retrieval errors?*
- *What is the magnitude of the remaining inter-beam biases and what is needed to identify cause?*
- *Putting error bars at each Aquarius salinity retrieval*

Topics

Instrument Calibration

Discussion topics and seed questions:

- *What updates if any are needed to the end-to-end absolute calibration?*
- *Should a dedicated S/C maneuver be proposed to isolate APC cross-pol terms (e.g. point horns to nadir)?*
- *What methods should be evaluated to remove the long term drift?*

Topics

Clean-up of L2 files

- *What variables are in the L2 files currently?*
- *What variables can be eliminated for the L2 files?*
- *Is there anything missing that needs to be added?*

- Wrap up discussion, actions and plan forward
 - Near-term and long terms plans
 - V4 baseline and beyond