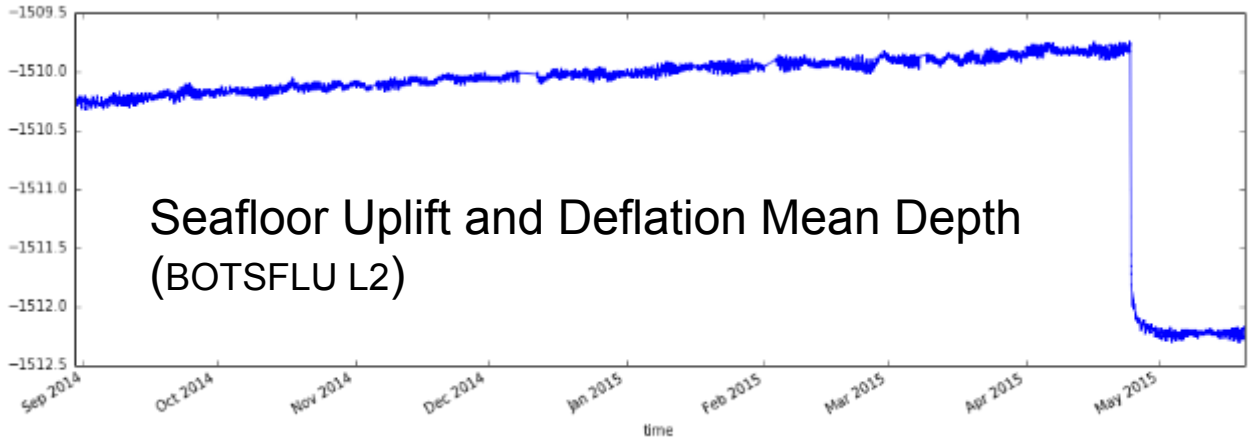
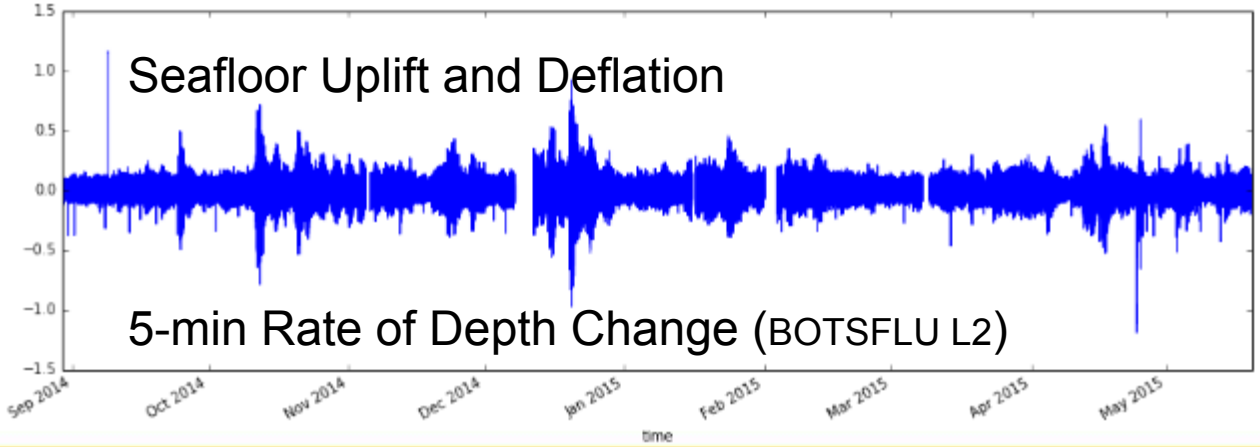
Overview

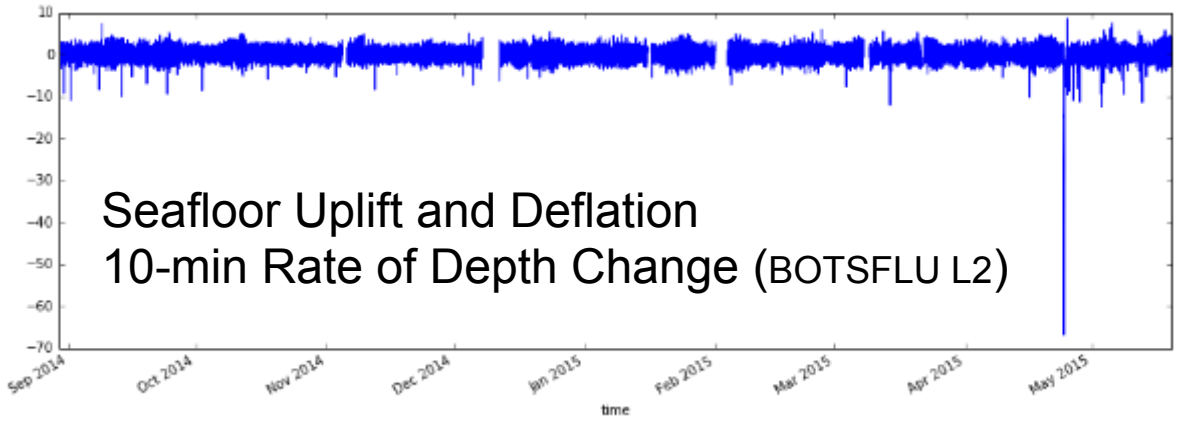
1. Team Structure & Responsibilities
2. Data Flow & Products
3. Data Review
4. Communications
5. Improvements
6. Conclusions

Data Availability and Completeness

- Some derived data products are still being added to the system (e.g. BOTPT L2 products)
- Some products are available but do not show up in data catalog or cannot be plotted
- Some products require additional processing (e.g. ZPLSC, HYDBB)







Alerts & Alarms

- Basic alert and alarm functionality was delivered for commissioning
- Max/min values were provided by MIOs and entered by CI team (GUI editing was not reliable)
- Triggered many false positives that were overwhelming the system, so the alert/alarm functionality was turned off
- Need to add additional alert categories for MIO operations
- Need to refine the max/min values to avoid false positives

Glider Tracks & Profile Plots

- Glider tracks were implemented on the main landing page map
- The tracks included test data and errors, so they were removed
- One of the GUI upgrades requested by SOC was to add a dedicated glider page, as well as profile context plots
- Glider page is not in the current statement of work
- ERDDAP and glider DAC provide glider tracking capability and profile context plotting (integration with external community)
- Additional GUI plotting options do allow some profile plotting

M2M Interface

- Machine to Machine, script-based data download
- Use Python script to send properly formatted request to the system (using API username and token), data file is returned
- User requests consist of the rest of the URL & parameters that form a uFrame data request
- Asynchronous response (size based)
- Still in testing/feedback phase

Data Delivery Enhancements

- Refinement of ERDDAP production interface
- Upload of additional data sets to ERDDAP
- Data Portal bug fixing, closure of existing Redmine tickets
- Additional cruise data online
- Improved metadata access
- Improved Data Availability statistics & timeline
- Validate data quality using external, ship, other OOI data
- EPE integration with ERDDAP

Adding capability to OOINet experience

Ocean Observatories » Web Interface

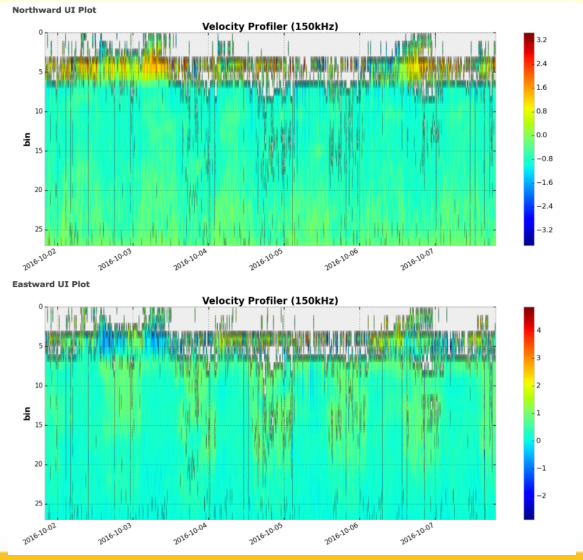
Overview | Activity | Roadmap | Issues | New issue | Gantt | Calendar | News | Documents | Wiki | Files | Settings

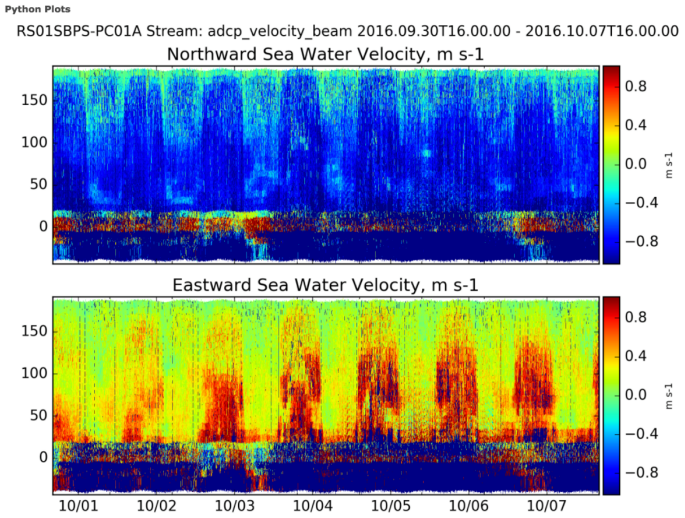
Enhancement #10913

Color bar needs to scale to majority of data for binned pseudocolor plots

Added by Daniel Maher 4 months ago. Updated 16 days ago.

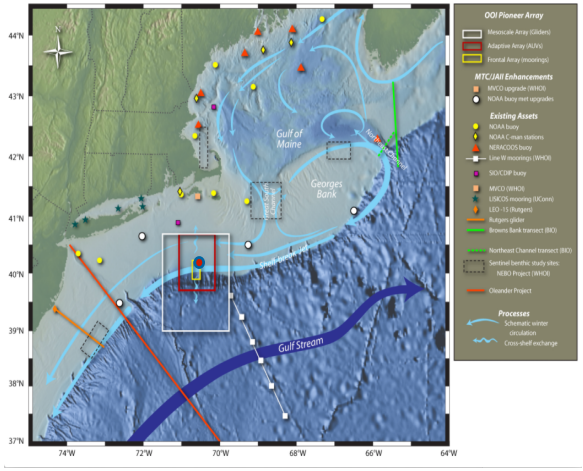
Status:	Ready for Work	**Start date:**	
Priority:	Urgent	**Due date:**	
Assignee:	Daniel Maher	**% Done:**	20%
Category:	-	**Spent time:**	-
Target version:	-		
Target Release:		**Array Affected:**	
Category 1:		**Instrument Affected:**	
Severity:		**CI Software Affected:**	
Issue Closed:		**Work Breakdown Structure (WBS):**	



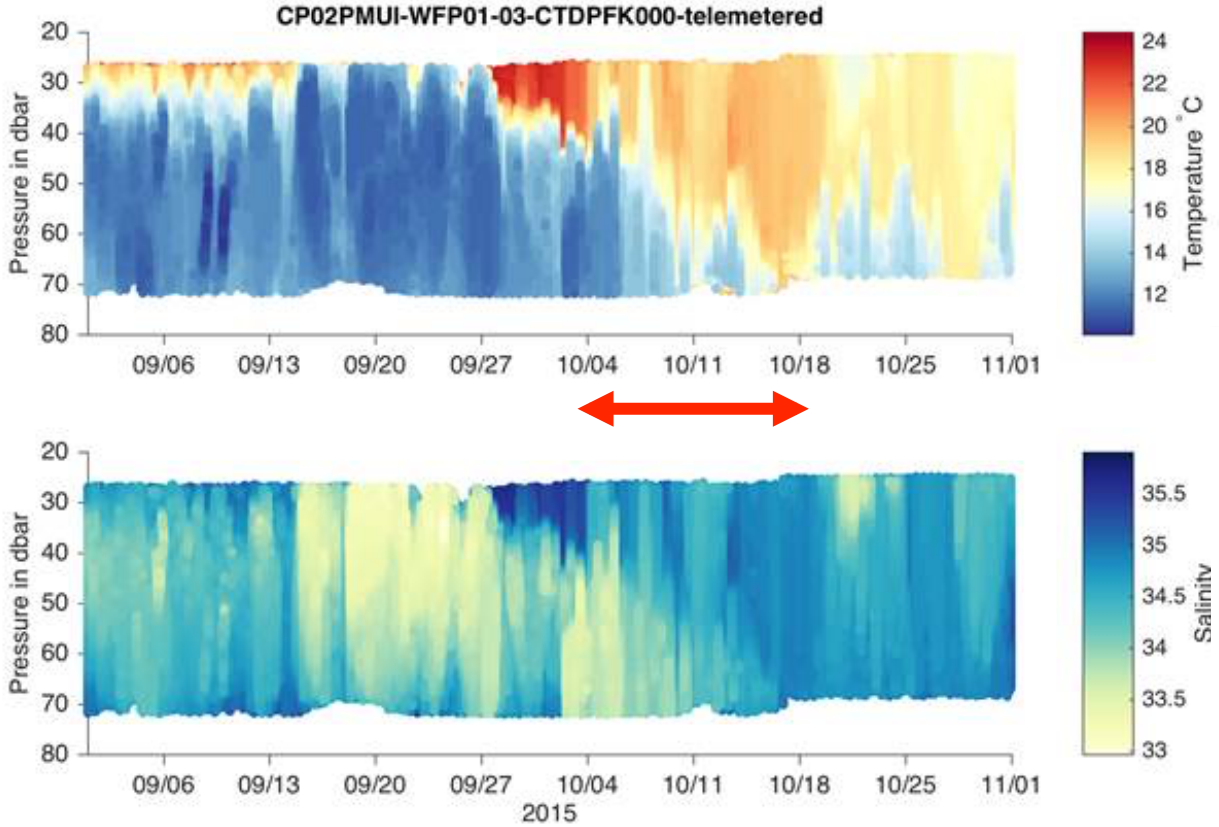


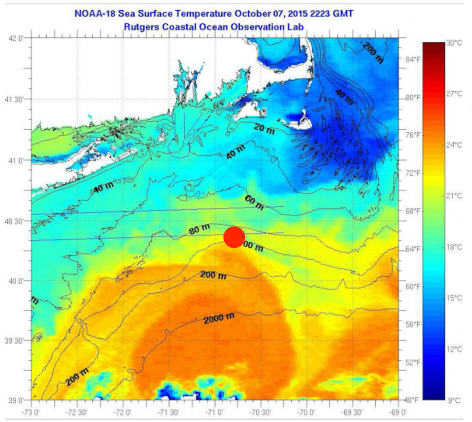
Science Evaluation: Are ocean features encountered real? Outside local range

Taking advantage of all assets, even non-NSF, to assess data quality

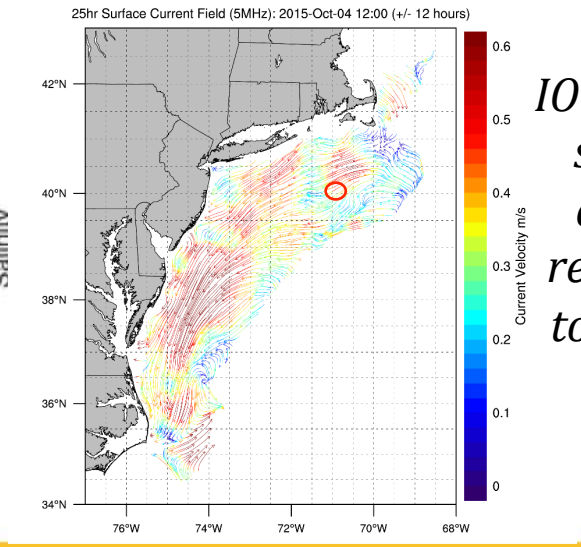


Is this real?



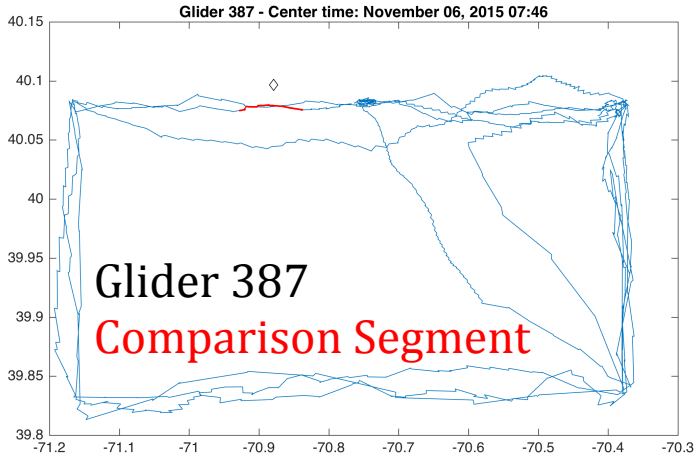


IOOS data shows presence of warm core ring

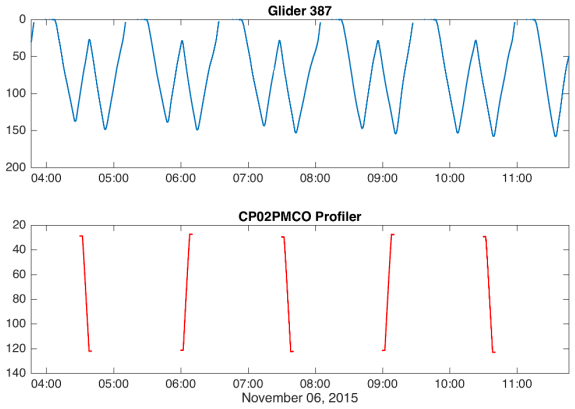


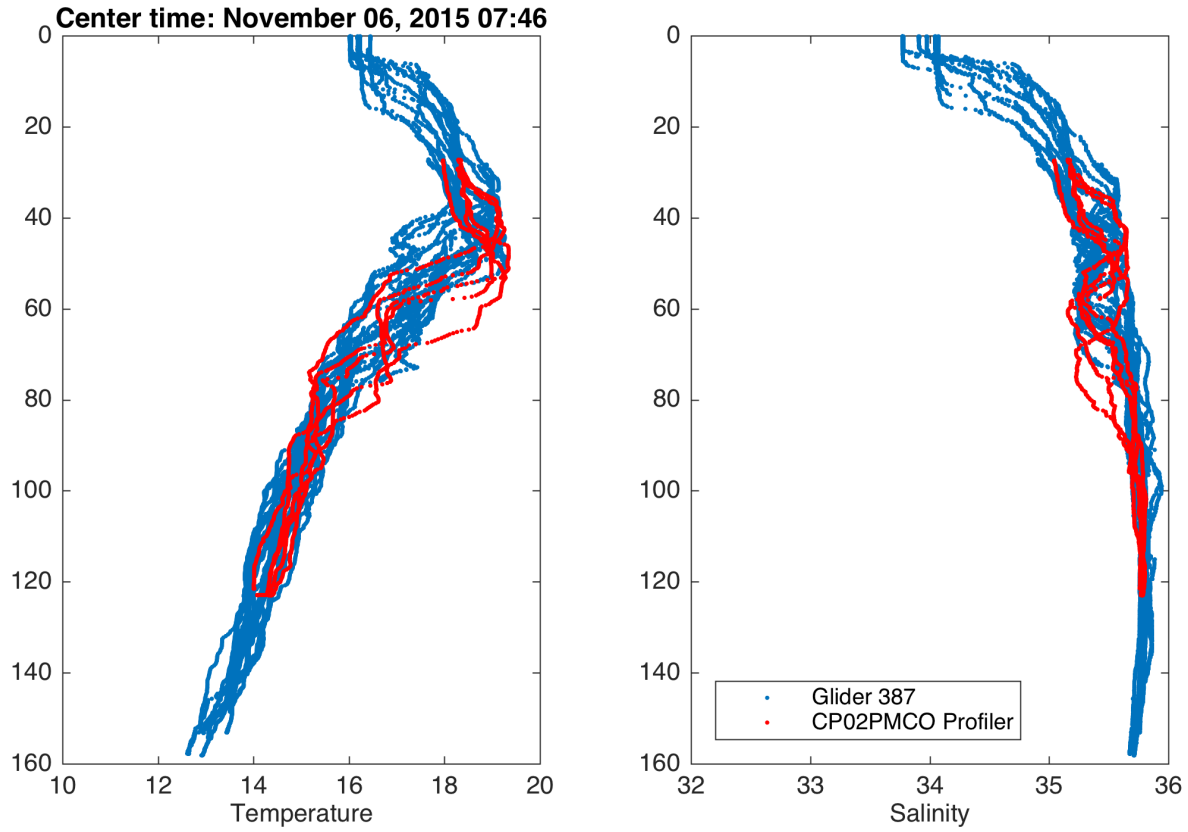
IOOS data shows ocean response to storm

Vicarious Calibration - Comparisons enabled by ERDDAP



Concurrent profiles from Glider 387 and Coastal Pioneer Profiler Mooring





Co-located and concurrent Temperature and Salinity Profiles

Blue – Glider 387 Red – Coastal Pioneer Profiler Mooring