

For the Week of February 17 , 2019



Weekly Hydro Ship Activity Report

Welcome to NOAA's Weekly Hydrographic Ship Activity Report! We hope you enjoy this reader-friendly layout for our weekly report as we update you on the progress of our NOAA-ship and contractor-run surveys.

Highlights of this edition of Weekly Ship Report

- All NOAA hydro ships have concluded their 2018 field season.
- Furgo continues the survey operations in Apalachicola, Florida.
- Oceaneering resumes survey operations in Tampa, FL.

NOAA Ships

BAY HYDRO II

R/V Bay Hydro II is undergoing a major repair period and has no survey updates to report.



FAIRWEATHER

Fairweather's 2018 field season has concluded and is alongside in Seattle, WA.

Previous project diagrams and bathymetric surfaces can be found in [Google Drive](#).



FERDINAND HASSLER

The Hassler has concluded her 2018 field season in New Castle, NH.

Previous progress coverage and sketches can be found in [Google Drive](#).



RAINIER

Rainier has concluded her 2018 field season and is in a repair period in her home port of Newport, OR.

Previous progress coverage and sketches can be found in [Google Drive](#).



THOMAS JEFFERSON

Thomas Jefferson has concluded her 2018 field season and is alongside at her home port in Norfolk, VA.

Previous progress coverage and sketch can be found in [Google Drive](#).



Contractors



DAVID EVANS
AND ASSOCIATES INC.
MARINE SERVICES

OPR-J347-KR-18, Mississippi River

Progress sketch and GeoTiff, can be found in [Google Drive](#).

Recap

- Team completed mainscheme acquisition on Sheet 9 and transited back up river to run fill and investigations within Sheets 7 and 8. Operations were still impacted by fog delays. At this time, Sheet 7 and 8 are complete pending a final review from office staff. Team has transferred the data to Vancouver office for further review and continued processing.

Looking Forward

- This week team plans to complete Sheet 9 fill and investigations and start collecting Sheet 10 mainscheme. Team has been in touch with USACE and received a briefing on their dredging operations in the vicinity of Southwest Pass and Heads of Passes. At this time, team is planning to continue survey operations and will document dredge activities and impacts to bathymetric data in the survey Descriptive Reports.
- Team also coordinated with the Associated Branch Pilots and plan to install a GPS base station at their pilot house upriver from the jetties. The base station will be established for horizontal and vertical control and be set up to broadcast RTK corrections over radio to the survey vessels as well as log data internally. In addition, team plans to do vessel tide floats and gauge comparisons after install. The SEP model for the project ends just downriver from the site and team is unable to correct tide data beyond this point until they receive the modified file.



OPR-K376-KR-18, Approaches to Port Lavaca, TX

Weekly progress GeoTiff and project progress sketch is available in [Google Drive](#)

Recap

- Nearshore Vessel *Bella Marie* finished worked in all remaining sheets, with last data collected in F00734 on 2/7.

Looking Forward

- Continue office processing and reporting.



OPR-J317-KR-18, Approaches to Tampa Bay, FL

The weekly progress GeoTiff and progress sketch are available on [Google Drive](#)

Recap

- *C-Wolf*: Continued survey operations in Sheet 3 (H13172). Generator and weather downtown prevailed for the majority of the week.
- *R/V Sea Scout*: Currently in stand down until weather permits.

Looking Forward

- *C-Wolf*: Complete Sheet 3, move on to Sheet 8 investigations or Sheet 3 re-runs.
- *R/V Sea Scout*: Mobilize on March 01, 2019.



OPR-J311-KR-18, Offshore Chandeleur, LA

Previous Weekly Progress GeoTiff and progress sketches are available on [Google Drive](#).

Recap

- Data processing continued at Leidos Data Processing Center, Newport, RI.
- Sheet 4 (H13136) was delivered on 02/22/2019

Looking Forward

- All project deliveries complete pending NOAA acceptance.



OPR-J359-KR-18, Apalachicola, FL

The weekly progress GeoTiff and progress sketch are available in [Google Drive](#)

Recap

- *R/V Pelagos* continued working in H13158 (Priority 6) Block 2. Bottom samples were acquired for surveys H13153, H13154 and H13155.
- Total linear nautical miles conducted to date: 7,952.92

Looking Forward

- *R/V Pelagos* will continue with survey operations in H13157 in the coming week.



OPR-H355-KR-18, Florida Keys National Marine Sanctuary, FL

The weekly progress GeoTiff and progress sketch are available in [Google Drive](#).

Recap

- No report submitted

Looking Forward

- No report submitted

[Link to Survey Figures](#)

[Link to Story Map](#)

(240)-533-0025 | progress.sketches@noaa.gov | [Hydrographic Survey Projects StoryMap](#)

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