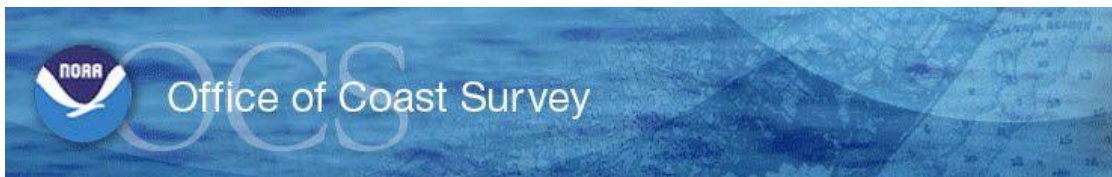


For the Week of November 18, 2018



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.*
- *David Evans and Associates returns to Mississippi River Survey after Thanksgiving.*
- *Terrasond collected 6,284 LNM of approx. 7,869 in Port Lavaca, TX survey.*

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

- The *Blake* and *Sigsbee* are tied up in Gulfport, MS after transiting from the project area. We were able to complete all known fill and investigations for Sheets 5 and 6 prior to ending operations for Thanksgiving.

Looking Forward

- The *Blake* completes its transit back to the survey area on Monday 11/26 and starts Sheet 7 acquisition.



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

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

Recap

- No Production for nearshore vessel *Bella Marie*. Down due to weather through 11/20. shutdown 11/21 -11/23 for holiday.
- Offshore vessel *Bunny Bordelon* had a productive week. Worked primarily in H13185 and H13181. Some marginal weather necessitated multibeam only operations at times
- All vessels: LNM collected to date 6,284 (of approx. 7,869)

Looking Forward

- *Bella* will restart operations on 11/26, weather permitting, and focus on nearshore areas in H13183, H13182, H13180. F00734 has some work to complete and is reserved for more marginal weather.
- *Bunny* will focus on H13186 and move into H13187.



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

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

Recap

- *C-Wolf* completed sheet 1 investigations, started on sheet 3 main lines.
- *Sea-Scout* completed reruns and investigations for sheet 2 (H13171) before moving on to sheet 7. (H13176 primary lines consisting of 100 % side scan sonar concurrent multibeam data acquisition)
- Note that the bathymetry data collected the by the R/V *C-Wolf* has predicted tides from the Port Manatee (8726394) tide station applied. Final ellipsoid processing via VDATUM and the separation model will occur during post-processing.

Looking Forward

- R/V *Sea-Scout* will continue to work on sheet 7 main lines.



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

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

Recap

- Both survey vessels now shutdown with operations complete.
- LNM completed on total task order 3273 LNM of a total target 2816 LNM (the overage of LNM is due to re-reruns and gap fills).
- Data processing continued at the Leidos Data Processing Center, Newport, RI.

Looking Forward

- Data processing continues at the Leidos Data Processing Center, Newport, RI.
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OPR-J359-KR-18, Apalachicola, FL

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

Recap

- The R/V *Acadiana* is demobilized.
- R/V *Pelagos* conducted patch test for STBD 7125 and continued with the post hurricane crosslines for H13153 and H13156. The *Pelagos* experienced a port engine failure on November 20 and had to return to the dock. Mechanic diagnosed the engine and determined it will need to be rebuilt.
- Total linear nautical miles conducted to date: 4,527.86.

Looking Forward

- R/V *Pelagos* will have the port engine re-built at Captain's Cove Marine next week.
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OPR-H355-KR-18, Florida Keys National Marine Sanctuary, FL

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

Recap

- R/V *Benthos* stood by for holiday.
- R/V *Taku* surveyed in H13168. No survey for 3 days due to mechanical issues.
- R/V *Marcelle* is demobilized.

Looking Forward

- *Taku* will continue data acquisition in H13168.
Benthos will continue to survey H13168. Office staff will continue to process and QC data.
 - Reporting stuff: DR H13165,DR13168. Deliver H13169 and F00757.
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[Link to Survey Figures](#)

[Link to Story Map](#)