

For the Week of December 2, 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 hosted a successful open house on R/V Blake in New Orleans, LA.*
- *Terrasond collected 8,038 LNM of approx. 7,869 in Port Lavaca, Texas.*

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* continued survey operations in the Sheet 7 survey area, ending the week near river mile 59.
- On 12/3, *The Blake* transited upriver to New Orleans in advance of the Open House on 12/4. Rear Admiral Shepard M. Smith, Captain Elizabeth Kretovic, and Central Gulf Coast navigation manager Tim Osborn were on hand. Survey operations resumed on 12/5.

Looking Forward

- Plan to continue Sheet 7 survey operations and anticipate completing the sheet by 12/13.
- Once complete, *The Blake* will transit back to Gulfport, MS for scheduled shutdown for the winter holidays. Operations will resume Sheet acquisition on 1/15/2019.



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* worked early in the week but down on a combination of weather and mechanical issues for the majority of the week.
- Offshore vessel *Bunny Bordelon* finished mainscheme work, hitting the project-wide mileage cap. *Bunny* then proceeded with infills, reruns, developments, additional crosslines, and bottom samples.
- Mileage cap was achieved when H13187 was 75% complete by area. The remainder of H13187 was not surveyed due to insufficient remaining LNM.
- All vessels: LNM collected to date: 8,038 (estimated 7,869)

Looking Forward

- *Bella* will continue working on nearshore sheets.
- *Bunny* will complete work in all offshore areas and should be demobilized by the end of the week.



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 (100% side scan sonar with concurrent multibeam data acquisition) in Sheet 3 (H13172). The crew returned to Sheet 1 (H13170) to establish the 3.5 meter contour on the southern portion of the sheet.
- *Sea-Scout* continued survey operations (100 % side scan sonar with concurrent multibeam data acquisition) in Sheet 7. The vessel returned to Sheet 2 (H13171) and Sheet 8 (H13177) to complete the remaining re-runs and investigations.

Looking Forward

- *C-Wolf* :shut down due to weather.
- *Sea Scout* :shut down due to weather.



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.



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* completed the post hurricane crosslines for H13153, H13155, and H13156 at 5km intervals on 12/6. The vessel commended H13156 Block 03 on 12/7 but due to adverse weather conditions operations were suspended for 12/8, 12/9.
- Total linear nautical miles conducted to date: 4,647.14

Looking Forward

- *R/V Pelagos* will continue with survey operations in H13156 Block 03 (priority 4), weather conditions look to be unfavorable for the latter part of next week.



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* continued mainscheme work in H13167 and fill in H13161. No survey on 12/6 due to weather.
- *R/V Taku* continued mainscheme work in H13167 and fill in H13160 and H13161. No survey on 12/6 due to weather.
- *R/V Marcelle* is demobilized.

Looking Forward

- *Taku* will continue mainscheme survey in H13167.
- *Benthos* will continue mainscheme survey in H13167.
- Office staff will continue to process and QC data.
- Reporting stuff: DR H13165, DR13168.

[Link to Survey Figures](#)

[Link to Story Map](#)