



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

- *Thomas Jefferson has concluded her 2019 field season alongside in Norfolk, VA.*
- *All NOAA Hydrographic Survey Vessels have finished their 2019 field seasons and have entered repairs periods.*
- *DEA nears completion of OPR-J311-KR-19, Chandeleur, LA.*

NOAA Ships

FERDINAND R HASSLER

Hassler's 2019 field season deliverables are available in [Google Drive](#).

- *Hassler* has finished her 2019 field season and is alongside in New Castle, NH.



THOMAS JEFFERSON

Thomas Jefferson's 2019 field season deliverables are available in [Google Drive](#).

- *Thomas Jefferson* has finished her 2019 field season and is alongside in Norfolk, VA.



FAIRWEATHER

Fairweather's 2019 field season deliverables are available in [Google Drive](#).

- Fairweather has concluded her 2019 field season and is alongside at Pier 90, Seattle, WA for winter repairs.



RAINIER

Rainier's 2019 field season deliverables are available in [Google Drive](#).

- Rainier is moored at the Mare Island Ship Yard, Vallejo, CA awaiting drydock repairs.
- Rainier will be commencing their 2020 field season in April, participating in a multi-program effort to map the Mariana Islands.



Contractors



OPR-J311-KR-19, Chandeleur, LA

Progress surfaces and sketches can be found in [Google Drive](#).

Recap

- Last week we had a very productive start of the week and were able to complete the southern half of the Sheet 8 mainscheme lines and majority of fill until weather set in.
- The coverage map only reflects acquisition through 11/21/19 due to a POSpac licensing issue aboard the *Blake*, but all mainscheme lines have been completed, which will be reflected in our next coverage update. Earlier in the week the *Blake* was able to run multibeam investigations on H13261, H13262, H13263, H13264, H13265, and H13266. The *Blake* returned to port on 11/23 due to weather.

Looking Forward

- We plan to stop acquisition while we compile a final fill and investigation plan needed to wrap up the project.
- The week of December 9th we plan to complete all outstanding fill, investigations and remaining bottom samples to wrap up the project.



Progress surfaces and sketches can be found in [Google Drive](#).

Recap

- The *R/V H.F. Stout* surveyed in H13313 for the first half of the week.
- The *R/V Ocean Explorer* began the week in H13314 and moved to H13319 mid-week.
- Both boats were on weather in the latter part of the week.

Looking Forward

- The weather forecast for the coming week is mostly unfavorable. Consequently, both boat crews will be standing down and will resume survey with the next favorable forecast.



OPR-E350-KR-19 Southern Chesapeake Bay, VA

Progress surfaces and sketches can be found in [Google Drive](#).

Recap

- The *M/V Atlantic Surveyor* continued survey on Sheet 3 (H13302), while gaps and item surveys are being created for Sheet 1 (H13295).
- We encountered weather delays on November 17, and first part of November 18, 2019.
- We returned to survey during Nov 18, and broke from survey November 19 for a very brief "touch-and-go" partial crew exchange in the port of Cape Charles, VA. We returned to survey on the same day.
- Total target 5553 LNM. To date, 52% of the survey data are acquired, at 2889 LNM.

Looking Forward

- Continue survey on Sheet 3 (H13302).
- Port call and temporary suspension of survey operations on November 26, 2019 over the Thanksgiving Holiday.
- Return to survey operation on Sheet 3 (H13302) and Sheet 1 (H13295) on December 2, 2019.



OPR-J359-KR-19, Apalachicola, FL

Progress surfaces and sketches can be found in [Google Drive](#).

Recap

- The *GO Liberty* is demobilized.
- The *Pelagos* conducted in-fills on November 17, 2019, on stand-by awaiting additional in-fills.
- Total linear nautical miles acquired to date: 10,346.4.

Looking Forward

- *Pelagos* will continue with in-fills for sheets H13287, H13288, and H13289.
- Upon completion the field office will be demobilized, and the vessel will be packed and stored in Port St. Joe.



OER-KR-19-01, Florida-Georgia, Vicinity of Blake Plateau

Recap

- Between 17 November, 2019 and 23 November, 2019, *Fugro Brasilis* acquired 656.67 LNM of full-coverage multibeam and sub-bottom profiler data within the survey limits of Area 1B Combined (Priority 2).

Looking Forward

- Continue survey operations in area 1B Combined (Priority 2).