

For the Week of November 10, 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*

- *Ferdinand R. Hassler has concluded her 2019 field season alongside in New Castle, NH.*
- *Fugro completed 364 LNM of survey on the Blake Plateau project over the last week.*
- *OSI continues acquisition on the OPR-K354-KR-19, Louisiana Coast project.*

## 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**

### **OPR-D304-TJ-19, Approaches to Chesapeake Bay, VA**

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

#### **Recap**

- Resumed survey operations on H13326 on 09 November, completed holiday acquisition.
- Wrapped up H13326 on 10 November (modified MBES only sheet limits) and commenced acquisition on H13327.
- 12 to 13 November were weather days at anchor, resumed ops on H13327 on the evening of 13 November.
- Completed crosslines on 15 November before returning to MOC-A for impending storm.

#### **Looking Forward**

- TJ will return to working grounds 18 November after the storm passes.
- TJ will conclude survey acquisition on H13327 before returning to MOC-A on 22 November.



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## **FAIRWEATHER**

Progress surfaces and sketches can be found 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



DAVID EVANS  
AND ASSOCIATES INC.

MARINE SERVICES

OPR-J311-KR-19, Chandeleur, LA

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

### Recap

- Acquisition on this project is currently on stand down due to weather conditions. Data processing continues.

### Looking Forward

- There are approximately 6 days of mainscheme and a day of bottom samples remaining plus any outstanding fill and investigations.
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OCEAN SURVEYS, INC.

## OPR-K354-KR-19, Louisiana Coast, LA

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

### Recap

- Both vessels surveyed for two full days early in the week and then worked around weather conditions for the remainder of the week. The R/V H.F. Stout surveyed in H13313 and ran calibrations after repairs made to the equipment late in the week. The R/V Ocean Explorer surveyed in H13315.

### Looking Forward

- As weather allows, the R/V H.F. Stout will continue data acquisition in H13313; the R/V Ocean Explorer will continue data acquisition in H133314, H13315 and H13319.



## 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 1 (H13295). On completion of the main scheme survey on Sheet 1 (H13295), we transitioned to Sheet 3 (H13302) on November 11 2019, while gaps and item surveys are being created for Sheet 1. We encountered severe weather over Thursday Oct 30 into Friday Nov 1 which forced us to the dock in Cape Charles, VA.
- We encountered weather delays for the later part of on November 12, and first half of November 13, 2019. Total target 5553 LNM. To date, 16.63% of the survey data are acquired, at 923 LNM.
- Total target 5553 LNM. To date, 33% of the survey data are acquired, at 2173 LNM.

### Looking Forward

- With improving weather, continue survey on Sheet 3 (H13302).
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OPR-J359-KR-19, Apalachicola, FL

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

### Recap

- The *GO Liberty* is demobilized.
- On November 16, 2019 the *Pelagos* conducted in-fills for H13285.
- Total linear nautical miles acquired to date: 10,342.7.

### 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 transferred to Houston.
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OER-KR-19-01, Florida-Georgia, Vicinity of Blake Plateau

### Recap

- Between 10 November 2019 and 16 November 2019, Fugro Brasilis acquired 314.45 LNM of full-coverage multibeam and sub-bottom profiler data within the survey limits of Area 1A, and 49.77 LNM of full coverage multibeam and sub-bottom profiler data within the survey limits of Area 1B. This produced a total of 364.22 LNM of acquired survey data.

## Looking Forward

- Continue survey operations in area 1B.

[Link to Survey Figures](#)

[Link to Story Map](#)

(240)-533-0025 | <mailto:progress.sketches@noaa.gov> | Hydrographic Survey Projects StoryMap