

For the Week of October 27, 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* continues survey in Mistaken Ground, Maine.
- *Fairweather* searches for the 50-ft fishing vessel *Relentless*, believed to have sunk near the Golden Gate Bridge in 2004.
- *Fugro* wraps up OPR-J359-KR-19, Apalachicola, FL.

NOAA Ships

FERDINAND R HASSLER

OPR-A366-FH-19, Mistaken Ground, ME

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



Recap

- *Hassler* was delayed by weather and arrived in port at New Castle, NH on October 27th.
- On October 29th *Hassler* was underway on project and collected data on approximately 239 LNM.
- *Hassler* returned into port on October 31st due to weather forecast, personnel transfer, fuel, and crew rest.

Looking Forward

- The plan for the coming week is to get underway on November 4th and continue acquisition from south to north.

THOMAS JEFFERSON

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

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

Recap

- No report submitted.

Looking Forward

- No report submitted.



FAIRWEATHER

S-M362-FA-19, F/V Relentless Search

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

Recap

- 28-30 OCT: FA port call, moored starboard side to the pier at Pier 30/32, San Francisco, CA.
- 31 OCT: The ship is moored starboard side to the pier at Pier 30-32, San Francisco, CA. M/V/C/S for getting underway, transiting Gulf of the Farallones, conducting ship survey operations on project S-M362-FA-19, H13334, search for *F/V Relentless*, western San Francisco TSS.
- 1 NOV: The ship is underway, in the Gulf of the Farallones, on project S-M362-FA-19, approximately 6 NM S of SE Farallon Island, search for *F/V Relentless*, steering full coverage. Commenced fire and abandon ship drills.
- 2 NOV: Underway conducting survey operations on project S-M362-FA-19, H13334, search for *F/V Relentless*. FA commenced transiting the North Pacific Ocean to H13335, SW of Trinidad Head, CA, EXPRESS survey working grounds.

Looking Forward

- 3-6 NOV: survey operations on project S-M362-FA-19 continue, with EXPRESS and the Stonewall Bank surveys.
- 7-8 NOV: FA transits to Pier 90/91, Seattle, WA, for winter repairs.



RAINIER

Rainier's 2019 field season deliverables are available in [Google Drive](#), and in the [Hydrographic Survey Projects 2019 Story Map](#).



- *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

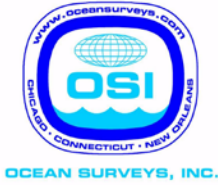
Progress surfaces and sketches can be found in [Google Drive](#).

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

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

Recap

- The *R/V H.F. Stout* did not survey this week due to unfavorable weather conditions.
- The *R/V Ocean Explorer* surveyed for three partial days mid-week as weather conditions allowed, collecting data in Survey H13318.

Looking Forward

- Weather permitting, the *R/V Ocean Explorer* will continue to work in H13318 before moving to H13319.
 - *R/V H. F. Stout* is expected to resume operations in sheet H13313 over the coming days.
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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).
- We encountered severe weather over Thursday Oct 30 into Friday Nov 1 which forced us to the dock in Cape Charles, VA.
- We returned to survey late afternoon on Nov 1 and had to stand down again due to weather early Sunday morning.
- Total target 5553 LNM. To date, 16.63% of the survey data are acquired, at 923 LNM.

Looking Forward

- Continue survey on Sheet 1 (H13295).
 - The weather forecast is calling for improved weather through Thursday night.
 - A scheduled port call will take place on Friday Nov 8, 2019.
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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.
- Pelagos is standing by in Apalachicola
- Total linear nautical miles acquired to date: 10,325.5.

Looking Forward

- *Pelagos* is standing by in Apalachicola for any clean up in-fills prior to demobilization.
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OER-KR-19-01, Florida-Georgia, Vicinity of Blake Plateau

Recap

- Between 27 October 2019 and 2 November 2019, *Fugro Brasilis* acquired 882.40 LNM of full coverage multibeam, sub-bottom profiler data, 2 CTD casts, and 23 XBTs within the survey limits of Area 1.

Looking Forward

- *Fugro Brasilis* will continue survey operations in Area 1A. Then, a deep/very deep-water normalization dataset will be acquired and analysed before commencing 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