

For the Week of August 23, 2020



## 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*

- NOAA Ship *Ferdinand R. Hassler* and NOAA Ship *Thomas Jefferson* will swap places in the Approaches to Chesapeake Bay survey vicinity
- Hurricane *Laura* impacts NOAA's survey operations in the Gulf of Mexico

## NOAA Ships

### **NANCY FOSTER**

**S-G966-NF-20 Blake Plateau, SC**

#### **Recap**

- *Nancy Foster* completed work on S-G966-NF-20 Blake Plateau on 8/26/2020. Operations ran smoothly and efficiently, despite some increase in wave height early in the week.
- With little time remaining on the leg, mainscheme work was wrapped on 8/25/2020 and a crossline was acquired.
- On the way back towards Charleston, we were able to fill in the last holiday from last year's work (H13307).
- The ship pulled into Charleston for a scheduled in port on 8/26/2020.



#### **Looking Forward**

- S-G966-NF-20 Blake Plateau, NC proprocessing

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### **FERDINAND R HASSLER**

**OPR-D304-FH-20 Approaches to Chesapeake Bay**

#### **Recap**

- *Hassler* was alongside in New Castle, NH

preparing for surveying.

## Looking Forward

- *Hassler* will arrive offshore Chesapeake Bay for surveying on 01SEP.



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## THOMAS JEFFERSON

### OPR-D304-TJ-20 Approaches to Chesapeake Bay

#### Recap

- *TJ* continued mainscheme acquisition on H13393 utilizing concurrent SSS and MBES. A successful test of both davits in manual mode was completed on 24AUG.
- Both launches are fully operational but the davits are limited to lower sea states until davit controllers can be repaired.
- On 25AUG *TJ* broke ops at ~1230 to transit offshore to deeper water to conduct an extinction test of the EM710 (extra deep mode), test the newly repaired CTD level-wind, and measure the new MVP cable length.
- Survey ops on H13393 were resumed at ~0015 on 26AUG.
- On 28 AUG, *TJ2904* completed holidays on H13394 while *TJ* completed mainscheme on H13393 and commenced holiday acquisition.
- *TJ* broke ops on 29AUG at 0830 for weather (remnants of Hurricane Laura), transiting to shelter in York River, VA.



#### Looking Forward

- *TJ* will resume survey ops on 30AUG to collect holidays, developments, and bottom samples on H13393.
- On 2SEP *TJ* will complete our first 47 day closed-bubble period and return to MOC-A.

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## FAIRWEATHER

#### Recap

- *FA* is alongside in Seattle, WA preparing for surveying.

#### Looking Forward

- *FA* will survey following the reconstitution phasing.



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## RAINIER

### OPR-O392-RA-20 Approaches to Revillagigedo Channel, AK

#### Recap

*RA* returned from Hawaii last week and is

- RA returned from Hawaii last week and is alongside in Newport, OR.

## Looking Forward

- RA is scheduled to survey OPR-O392-RA-20 Approaches to Revillagigedo Channel, AK in September.



# Contracted Vessels



DAVID EVANS  
AND ASSOCIATES INC.

OPR-K375-KR-20 Houston, TX

## Recap

- Hurricane Laura impacted operations this week.
- *S/V Blake* remained on the hard at the shipyard in Port Bolivar, TX during Hurricane Laura. *Blake* was put back in the water on 8/28 and a squat test was run while waiting for crew to stand up a response for Hurricane Laura.
- *R/V Preston* is undergoing fine tuning and installation of survey equipment in Gulfport, MS but efforts were slowed due to Hurricane Laura.

## Looking Forward

- Anticipate starting multibeam acquisition for the project on H13387 the second week of September.
- Processing and reviewing data collected during the MMS survey is on-going.



OCEAN SURVEYS, INC.

OPR-B300-KR-20 Long Island Sound, CT and NY

## Recap

- *RV Able 2* began mainscheme collection in H13384 and continued data collection in H13385 with a weather day at the end of the week.
- *RV Osprey* continued collection in H13386, also with a weather day at the end of the week.
- *RV Ready 2* continued data collection in H13385 and H13386.

## Looking Forward

- This week, survey will continue in H13384, H13385, and H13386.



OPR-E350-KR-20 Southern Chesapeake Bay, VA

## Recap

- *RV Oyster Bay II* continued survey operations on Sheet 5 (H13306).
- The vessel was in port intermittently due to weather conditions.

## Looking Forward

- On Sunday August 30, 2020 *RV Oyster Bay II* will continue survey operations in the week ahead with a forecast for completion of the survey phase.



### OPR-R385-KR-20 Norton Sound, AK

#### Recap

- Tide shots in Stebbins performed 8/26
- Finishing set spaced coverage in H13371, estimated completion of main scheme lines 8/30
- ASV only multibeam feature investigation and nearshore work in H13372 during tide shots and foul weather
- Rudder control issues on ASV 8/28, attempted survey in H13371 with *Q105* only but turned around by weather.
- *Q105* on weather downtime for 16 hours before resuming work in H13371
- ASV repaired and both boats operational by start of 8/29

#### Looking Forward

- Crew change scheduled 8/31 in Nome
- Finish main scheme survey in H13371 (Completed 8/30) and H13372
- Infills, crosslines and bottom samples in H13370-H13373
- Finish multibeam full coverage investigation of features in H13372
- Tide shots in Stebbins if weather allows for month of September.



### OPR-J359-KR-20 Apalachicola, FL

#### Recap

- *M/V Pelagos* acquired full coverage MBES in H13359, H13357, and ODMBES in H13290.
- *Koach Kline* acquired ODMBES in H13360.
- The effects of TS Marco and Hurricane Laura created inoperable sea states in the survey area for the majority of week 19.
- *Koach Kline* acquired ODMBES in H13360.

#### Looking Forward

- *Pelagos* will continue acquisition of full coverage MBES in H13359.
- *Koach Kline* will continue ODMBES and set line MBES acquisition in H13360 and full coverage MBES in H13359.

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## Weekly Parting Shot



Fugro surveying with the FAS-901 in Apalachicola, FL

[Link to 2019 Story Map](#)

[Link to 2020 Story Map](#)

(240) 533 0057 | [progress.sketches@noaa.gov](mailto:progress.sketches@noaa.gov)  
(240) 533 0026 | Hydrographic Survey Projects StoryMap