

*For the Week of September 20, 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 Nancy Foster resumed operations for S-G966-NF-20 Offshore South Carolina.
- TerraSond collected 9115 LNM of the planned 8840 LNM for OPR-R385-KR-20 Norton Sound, AK and demobilized from the survey grounds.

## NOAA Ships

### ***FERDINAND R HASSLER***

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

#### **Recap**

- Approximately 780.29 linear nautical miles (nm) of data have been acquired through 28SEP2020 on OPR-A366-FH-19 H13347; a total of 156.64SNM (square nautical miles) = ~52.16%.
- *FH* resumed acquisition on project OPR-A366-FH-19 on 25SEP2020 at ~1600ET. During the past day and a half, survey speeds have been reduced from ~9kts to ~7kts intermittently due to restricted visibility of less than one nautical mile because of weather (fog).



#### **Looking Forward**

- *FH* is scheduled to break project and transit to the UNH pier on 30SEP2020 to take on fuel, then head back to the project area on/around 01OCT and resume acquisition on sheet H13347.
- Mainscheme on the rest of the aforementioned sheet is anticipated to take four-five "clean" days (no breaks for Wx, etc), after which *FH* will acquire crosslines and holidays.
- The next in port is scheduled to be at Judd Gregg Marine Research Complex, UNH on 05OCT2020.

## THOMAS JEFFERSON

### Recap

- *TJ* was alongside MOC-A in phase II of bubble period and began their transit to GOM last week.

### Looking Forward

- *TJ* will begin surveying for Flower Garden Banks National Marine Sanctuary Offshore.



## FAIRWEATHER

### Recap

- *FA* is conducting their Hydrographic Systems Readiness Review (HSRR).

### Looking Forward

- *FA* will begin surveying in Glacier Bay, AK.



## RAINIER

### OPR-0392-RA-20 Approaches to Revillagigedo Channel, AK

### Recap

- *RA* was alongside USCG Station Juneau. Crew entered shelter-in-place on Wednesday in preparation for getting underway.

### Looking Forward

- *RA* anticipates getting underway on October 1 to resume surveying for OPR-0392-RA-20 Approaches to Revillagigedo Channel.



## NANCY FOSTER

### S-G966-NF-20 Offshore South Carolina, SC

### Recap

- *NF* started mapping at the beginning of DN269 (Friday, 25th) and were promptly blown out by bad weather at ~5pm local. *NF* resumed mapping on DN270 (Saturday, 26th) at ~2pm local and have had good weather since.

### Looking Forward

- Sea are forecasted to build quickly tonight DN272 (Monday, 28th) and we will likely break mapping early morning of DN273 (Tuesday, 29th).



# Contracted Vessels



## OPR-K375-KR-20 Houston, TX

### Recap

- *SV Blake* was down last week waiting for engine repairs. Repairs were completed Saturday morning. *Blake* is currently mobilized and planning to start survey operations tomorrow, 9/29.
- *Sigsbee* is being mobilized in Galveston.

### Looking Forward

- *SV Broughton* is being mobilized from Washington and will be enroute to Texas later this week.



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

### Recap

- The past week all 3 vessels experienced weather delays during the first part of the week but worked for partial days as they were able.
- *RV Able 2* collected mainscheme data and LiDAR in H13384, *RV Osprey* collected mainscheme data and grab samples in H13385 and H13386, and *RV Ready 2* collected mainscheme and XL data in H13384 and H13385.

### Looking Forward

- *RV Osprey* will shift its base of operations toward the west and begin operating out of Flushing Bay (from Greenwich, CT).
- Shoreside facility access and security protocols are in place for facilities west of the Throg's Neck Bridge. It is likely that all vessels will stand down for 1-3 days this week as a period of strong winds moves through the area.



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

### Recap

- *RV Oyster Bay II* continued survey operations on a separate project: OPR-E350-KR-20 until resuming survey on OPR-E350-KR-19 on 9/24/2020. Survey continued on H13306 (Sheet 5).

### Looking Forward

- On Sunday September 27, 2020 *RV Oyster Bay II* will continue survey operations on OPR-E350-KR-19. Completion of OPR-E350-KR-19 is forecast later this week or into the following week.

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

### Recap

- *MV Atlantic Surveyor* continued survey on H13342 (Sheet 4). Following a 9/23/2020 port

call the Atlantic Surveyor commenced H13303 (Sheet 1).

- *RV Oyster Bay II* continued survey on Sheet 2 (H13341), and transitioned to close out survey on OPR-E350-KR-19, Southern Chesapeake Bay, Virginia on 9/24/2020.

## Looking Forward

- On Sunday September 27, 202 *MV Atlantic Surveyor* will continue survey on H13303 (Sheet 1).
- *RV Oyster Bay II* will continue survey on a separate project (OPR-E350-KR-19, Southern Chesapeake Bay, Virginia).



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

## Recap

- Week began with *Q105* in transit from Nome to Homer after completion of hydrographic data collection. Poor weather encountered during transit required the vessel to anchor in a protected area, down on weather, for approximately 1 day, late 9/21 to late 9/22.
- Submitted DTON on 9/22 for an obstruction found offshore of St. Michael in H13370.
- Arrived in Homer and began demob 9/24, with demob completed late on 9/25. Survey crew back to office in Palmer with survey equipment on 9/26.
- Koyuk tide station removal started 9/23 and was successfully completed on 9/2. Stebbins tide station removal began on 9/25.

## Looking Forward

- Finish removal of Stebbins tide station. Remove St Michael tide station. All field work should be completed during the week of 9/27 - 10/3.



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

## Recap

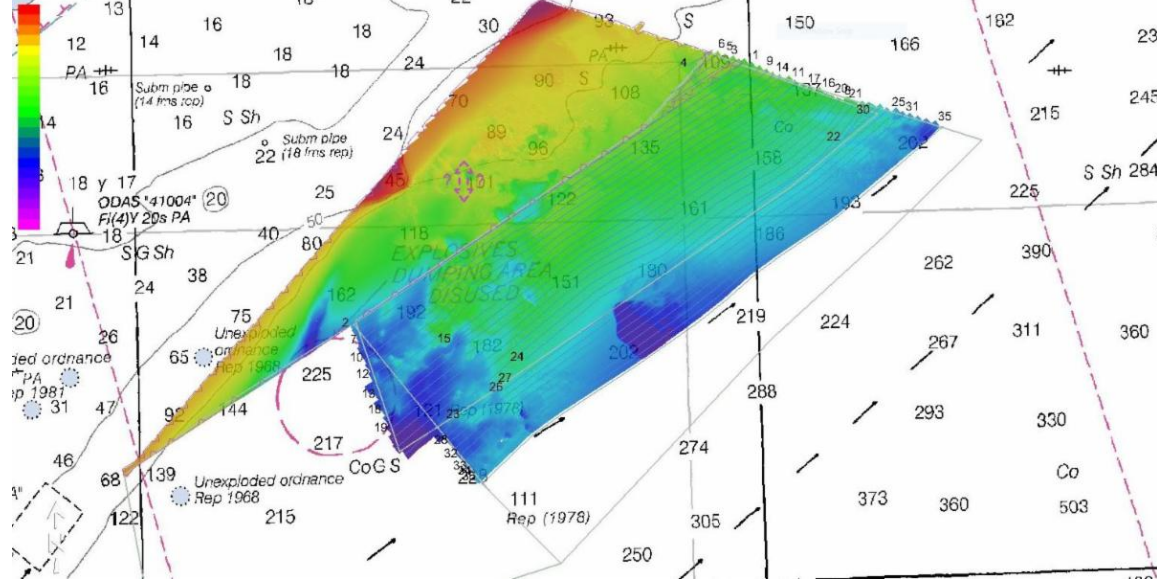
- *MV Pelagos* acquired full coverage MBES in H13359 and H13291 and ODMBES holiday infill in H13290.
- *Koach Kline* was trailered from Apalachicola to Carrabelle to be stored in stand-by mode.

## Looking Forward

- *MV Pelagos* will complete acquisition of full coverage MBES in H13359 as well as infill and bottom samples across the project area.
- Due to increased sea states in the area this time of year, *MV Koach Kline* will be trailered to Dockside Marina in Carrabelle in stand-by status.

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## Weekly Parting Shot



NOAA Ship *Nancy Foster* makes progress towards 960 SNM of assigned complete coverage surveying in a collaborative project with NOAA's Office of Coast Survey (OCS) and Office of Ocean Exploration and Research (OER) to map several large priority areas offshore for S-G966-NF-20 Western Balke Plateau, SC.

[Link to 2019 Story Map](#)

[Link to 2020 Story Map](#)

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