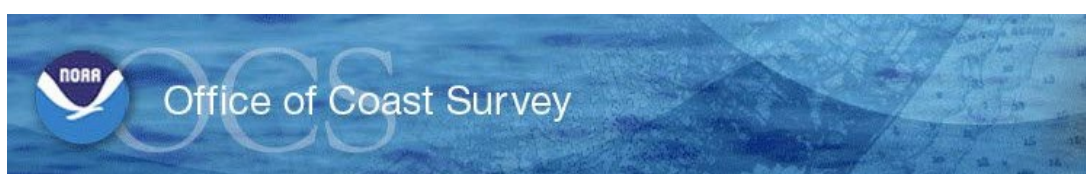


For the Week of July 11, 2021



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. Please continue to direct your correspondences to progress.sketches@noaa.gov.

Highlights of this edition

- NOAA Ship *Rainier* finished surveying the last of the project areas in OPR-O351-RA-21 Glacier Bay, AK, and anticipates pulling into Juneau on 22JUL2021 for crew rest and shelter-in-place.
- *Fugro* continued hydrographic operations in OPR-Q350-KR-21 Unimak, AK.

NOAA Ships

FERDINAND R. HASSLER

OPR-H321-FH-21 Approaches to Cape Canaveral, FL

Recap

- *Ferdinand R. Hassler* continued acquiring on OPR-H321-FH-21 (sheets H13348 and H13351).



- Side scan imagery is rapidly being processed to identify contacts that will require development before the ship leaves the working grounds.
- Every assigned bottom samples on the open sheets have been collected, all assigned features have been addressed, and all SSS contacts investigated.

Looking Forward

- *Ferdinand R. Hassler* will complete all acquisition for OPR-H321-FH-21 (sheets H13348, H13349, H13350, and H13351).
- The ship will investigate six offshore uncharted features before leaving the survey grounds.

THOMAS JEFFERSON

OPR-E349-TJ-21 Central Chesapeake Bay, MD, and OPR-D304-TJ-21 Approaches to Chesapeake Bay, VA

Recap

- *Thomas Jefferson* continued collection on OPR-E349-TJ-21, Central Chesapeake, sheets H13508 and H13509 through the week.
- On 16JUL2021, the ship conducted helicopter drills with the USCG, and transited to OPR-D304-TJ-21, Offshore Chesapeake to open sheet H13424.



Looking Forward

- *Thomas Jefferson* will acquire OPR-D304-TJ-21, Offshore Chesapeake, H13424 until Sunday.
- The ship will then transit to OPR-E349-TJ-21, Central Chesapeake to collect on H13508 and H13509.

FAIRWEATHER

OPR-P335-FA-21 South Coast of Kodiak Island, AK

Recap

- *Fairweather* was alongside in USCG Kodiak, AK, for maintenance, and began acquisition on sheet H13459 on 17JUL2021.



Looking Forward

- *Fairweather* will continue acquisition on H13459 and H13460, and potentially transit to USCG Kodiak to retrieve parts for repair.
- The ship anticipates refueling and loading stores in Kodiak on 26JUL.

RAINIER

OPR-O351-RA-21 Glacier Bay, AK

Recap

- *Rainier* completed surveying H13403, the final sheet in the Glacier Bay project area.



Looking Forward

- *Rainier* will continue working on their southeast Alaska project and begin acquisition on F00832 on 18JUL2021, then pull into Juneau on 22JUL for crew rest and shelter-in-place.

Contracted Vessels



OPR-J315-KR-21 Pascagoula, MS

Recap

- Survey operations in survey area H13490.
- Two partial weather days.
- USACE Dredge Columbia working in Gulfport Channel (H13490).

Looking Forward

- *Blake* port call on 18JUL2021.
- Expect to complete H13490 MS.
- Start areas H13487 and H13488.



OPR-Y390-KR-21 Green Bay, WI

Recap

- *RV Endeavor* continued main scheme collection in H13472 and H13470 and began data collection in H13473.
- *RV Rapid* continued main scheme collection in H13472 and H13470.
- *RV Voxel* completed main scheme collection in H13471 and began main scheme collection in H13470, H13472, and H13473.
- On 16JUL and 17JUL2021, *RV Endeavor* and *RV Voxel* collected data with multi-vessel automation.
- Weather hours occurred on 14JUL and 15JUL. Maintenance hours occurred on 15JUL.

Looking Forward

- *RV Rapid* will continue surveying in H13470 and H13472.
- *RV Endeavor* and *RV Voxel* will continue multi-vessel automation in H13470 and H13473.
- A night shift will be added to *RV Endeavor* and *RV Voxel*.
- Office staff will continue processing and reporting.



OPR-Q350-KR-21 Unimak, AK

Recap

- *MV Woldstad* acquired set line MBES in H13449 (500m) and H13450 (500m).
- *MV Woldstad* transited to Dutch harbour on 12JUL2021 to drop off a crew member before heading to collect infill near Chernofski Harbour.
- On 15JUL, *MV Woldstad* performed a touch-and-go in Dutch Harbour to drop off 3 additional crew before returning to set line MBES acquisition in H13449 and H13450.
- *Skiff* acquired infill in H13444 and H13445.
- Upon returning to the Unimak Island area, the *Skiff* ran alongside *MV Woldstad* in H13450 acquiring 500m set line MBES.

Looking Forward

- *MV Woldstad* will continue to acquire set spaced MBES in H13450.
- *Skiff* will continue working alongside *MV Woldstad* to assist in the acquisition of the last ~900 LNM of the contract mileage as able.



OPR-K380-KR-21 Port Freeport & Approaches, TX

Recap

- Systems preparations and installation continued onboard the *MV Atlantic Surveyor* until the vessel departed NJ for transit to Freeport, TX on 14JUL2021.
- The *RV Oyster Bay II* commenced survey on H13503 (Sheet 2) and H13506 (Sheet 5).
- Weather delays were incurred all day on 11JUL and part of 16JUL.

Looking Forward

- Subject to weather conditions, the *RV Oyster Bay II* will continue survey on H13502 (Sheet 1), H13503 (Sheet 2) and H13506 (Sheet 5).
- The *MV Atlantic Surveyor* continues transit to Freeport, TX and is expected to arrive later this week.