

For the Week of September 3, 2017



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

- *Many surveys have been affected by hurricanes. Progress has been delayed and/or schedules and projects changed to accommodate this--stay tuned!*
- *Fairweather and Rainier are poised to begin new projects in AK and WA.*

NOAA Ships

BAY HYDRO II

Recap

BHII is not currently surveying.

Looking Forward

BHII is not currently surveying.



FAIRWEATHER

OPR-R365-FA-17-Port Clarence

Fairweather transited from the Port Clarence and Vicinity project to Kodiak, AK for a scheduled inport. This week acquisition will commence on the Yakutat Bay project, OPR-O346-FA-17. All surfaces are the same as last week except D00206.



Recap

- Concluded acquisition on D00206 Bering Strait corridor on Sept 4 while commencing transit to Kodiak.
- Retrieved GNSS base station installed by Rainier on Fox Island on Sept 6.
- Arrived at Kodiak, AK on Sept 8 for a scheduled inport.
- Bid farewell to ENS Shelly Devereaux who lent her skills as HIC and OOD for two legs and LT Joe Phillips served as an OODs for the transit.

Looking Forward

- Depart Kodiak on Sept 11.
- Visit site of launch accident that claimed the life of crew member Eric Koss in 2002, for a 15-year memorial on Sept 12. The visit will include a safety stand down and discussion on the incident.
- Arrive at Yakutat Bay project area on Sept 13, install GNSS base stations and commence acquisition on OPR-O346-FA-17.

FERDINAND HASSLER

OPR-G343-FH-17 -Approaches to Jacksonville, FL

Recap

- Completed surveys H12977 and F00695.
- Ship broke operations early to transit to Norfolk, VA due to lack of pier space in Charleston, SC.
- Ship was docked at MOC-A on September 7 around 12:00.



Looking Forward

- Due to the remnants of Irma and the forecasted approach of Jose, the ship will likely remain tied up for the remainder of the week.
- Deliverable processing of H12977 and F00695.
- Work on HSRR memo, DAPR, and complete mission systems inventory will be the major focus.

RAINIER

M-N908-RA-17-IOCM_OCNMS, Olympic Coast National Marine Sanctuary, WA

Recap

- *Rainier* completed work at Cold Bay, AK and transited through the Inside Passage en route to their next survey area, Olympic Coast National Marine Sanctuary, WA.

Looking Forward

- RA will commence work at the Olympic Coast National Marine Sanctuary (M-N908-RA-17-IOCM_OCNMS).



THOMAS JEFFERSON

OPR-G329-TJ-17 -Approaches to Savannah, GA

Recap

- *Thomas Jefferson* started the week of 9/5/2017 in port in Charleston for Fleet Inspection, and ended the week in port in Norfolk, VA due to Hurricane Irma.
- No work was done on OPR-G329-TJ-17.
- As before, H12961 is 99% complete, with a small amount of launch operations remaining.
- Mainscheme acquisition on H12962 has begun, with significant progress made in the northern section.



Looking Forward

- *Thomas Jefferson* is getting underway on 9/12/2017 to complete work done on H12961 and to square off H12962, before transiting to start work in the western Gulf of Mexico on OPR-K371-TJ-17.
- The ship will be positioned and prepared for response work should the need arise.

Contractors



DAVID EVANS
AND ASSOCIATES INC.
MARINE SERVICES

OPR-J348-KR-17 -Mississippi Sound and Vicinity, MS

Recap

S/V Blake

- No survey acquisition occurred within the OPR-J348-KR-17 project area last week, though the Survey Vessel *Blake* was actively involved in the Harvey response effort in Galveston and Port Arthur.
- The *Blake* returned to Gulfport on Friday 09/08/2017, where it was reprovisioned and monitored the track of Hurricane Irma.
- The *Blake* remained in port until it departed for the OPR-J348-KR-17 project area late on September 10.

Looking Forward

- *Blake* is currently acquiring data in the H13060 survey area (Sheet 2). The plan for the week is for the *Blake* to continue working in the project area unless it is needed for the Hurricane Irma Response.

- We are also in the process of readying the *R/V Preston* for shallow water operations in Mississippi Sound.



OPR-A366-KR-17-East Penobscot Bay, ME

Recap

R/V Theory

- The *Theory* continued to work in Priority 3 (H13013) and relocated to Priority 2 (H13012) during the week's strong S/W weather conditions, which made Priority 3 not workable for them.
- Survey activities were planned around times of high tides in order to maximize efforts in shallow areas and nearshore.
- Reduced visibility due to heavy fog in the mornings occasionally caused delayed departures, slow transits, and diversion of survey operations to open areas away from shore.

R/V Westerly

- The *Westerly* continued survey operations in Priority 3 (H13013) working areas that were protected from the week's strong S/W weather conditions.
- Survey activities were planned around times of high tides in order to maximize efforts in shallow areas and nearshore.
- Reduced visibility due to heavy fog in the mornings occasionally caused delayed departures, slow transits, and diversion of survey operations to open areas away from shore.
- Significant change in sound speed was observed in Priority 3, therefore SVP samples were conducted more frequently. During times of heavy fog and reduced visibility, survey activity took place in open areas.

Looking Forward

R/V Theory

- The *Theory* will conduct survey operations between Priority 3(H13013) and Priority 2 (H13012).

R/V Westerly

- The *Westerly* will conduct survey operations in Priority 3 (H13013) Block B07 and B08. Upon completion of these blocks in Priority 3 they will shift their operations into Priority 1 to complete the remaining areas running infills, tielines and start bottom sampling.



OPR-K354-KR-17 -Louisiana Coast, LA

Recap

R/V Ocean Explorer and R/V Osprey

- For the period between September 4 through September 10, 2017 (DN 247 - DN 253), OSI continued acquisition of mainscheme survey data, i.e. side scan sonar with concurrent multibeam, for project OPR-K354-KR-17.
- The field crew conducted 24-hour operations aboard the survey vessel *R/V OCEAN EXPLORER* within Survey H13042 and H13043 and 12-hour operations aboard the survey vessel *R/V OPSREY* within Survey H13041 and H13042 as weather permitted.
- The *R/V OCEAN EXPLORER* field crew returned to port on September 7 for weather and shipped a hard drive with all acquired data to the OSI home office for data processing.
- All *R/V OCEAN EXPLORER* data through September 7 has been converted and is in the data processing queue.
- The *R/V OPSREY* shipped a hard drive with all acquired data to the OSI home office for data processing on September 5.
- All *R/V OPSREY* data through September 5 has been converted and is in the data processing queue.
- Total approximate LNM through DN253 = 3703

Looking Forward

- No future plans were submitted by OSI.



OPR-P384-KR-17 -Pavlof Islands and Vicinity, AK

Recap

- No field ops occurred - some office based processing/reporting.

Looking Forward

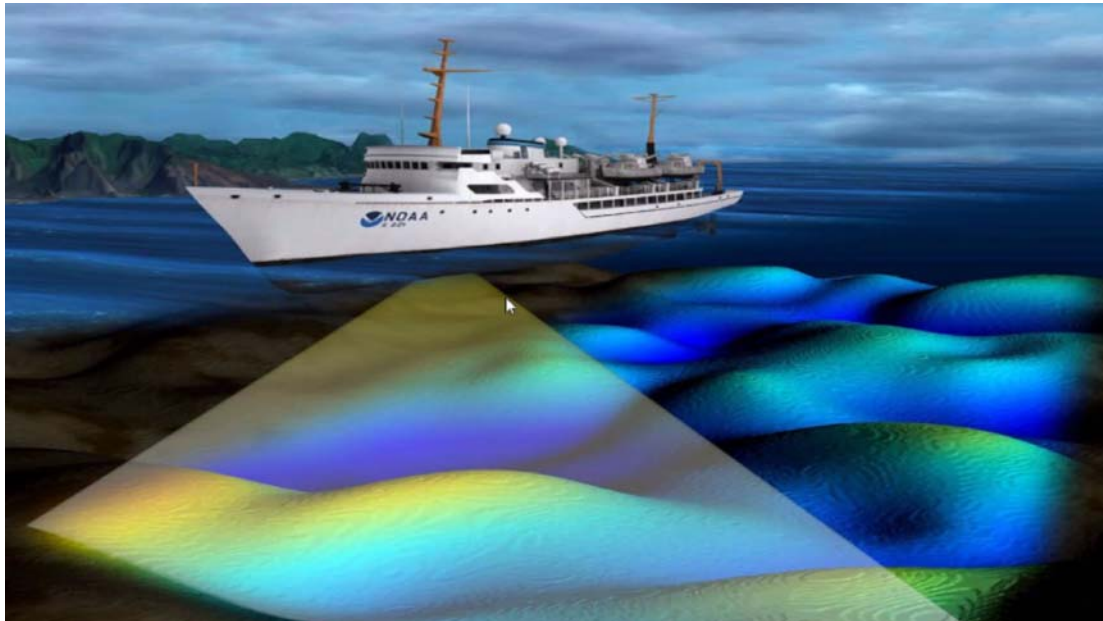
- Demobilization of the project base station in Sand Point, and zoning tide station in Zachary Bay is planned.

[Link to Survey Figures](#)

[Link to Story Map](#)

What do you think?

Do you like our new format? Do you have suggestions? Continue to let us know (contact info below). Please bear with us as we refine our new format over the coming weeks, and also consider how you can frame your Weekly Reports to best showcase your hard work in the new format.



[\(240\)-533-0025](tel:240-533-0025) | progress.sketches@noaa.gov | Hydrographic Survey Projects StoryMap

STAY CONNECTED:



NOAA Office of Coast Survey, 1315 East-West Highway, SSMC3 #6201, Silver Spring, MD 20910