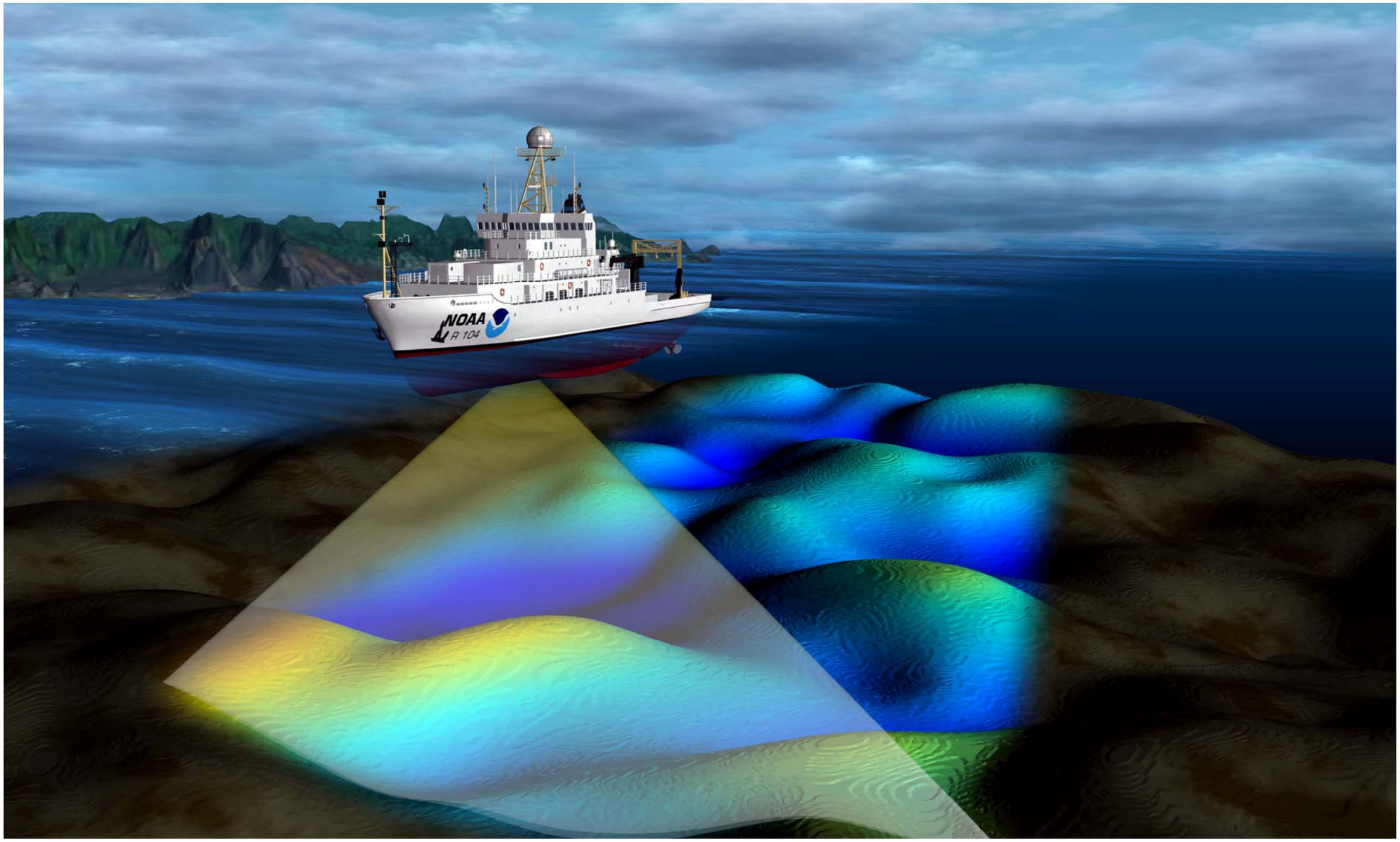
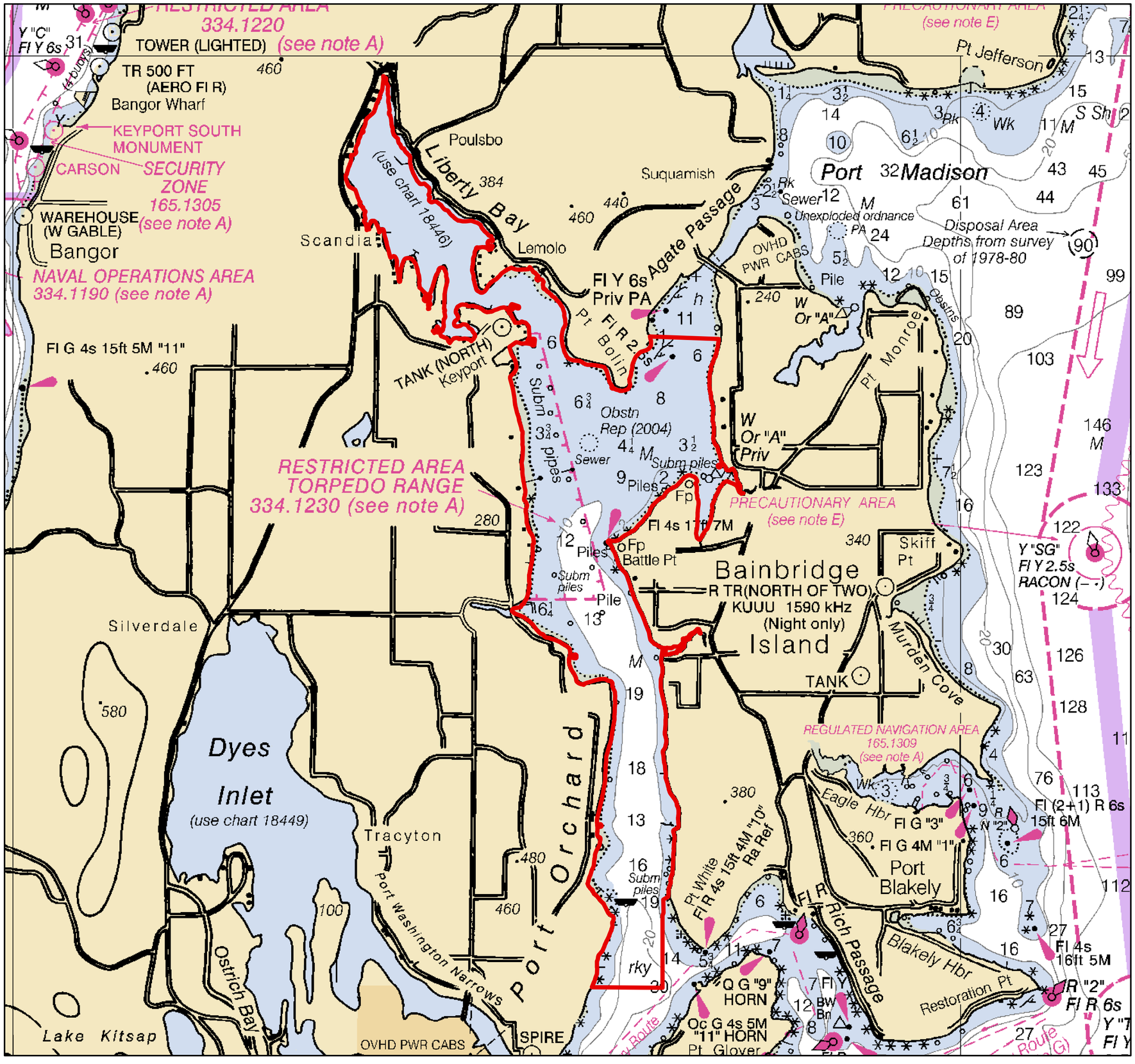
Planned Hydrographic Survey Projects
NOAA Survey Vessels
2011



Office of Coast Survey
www.nauticalcharts.noaa.gov

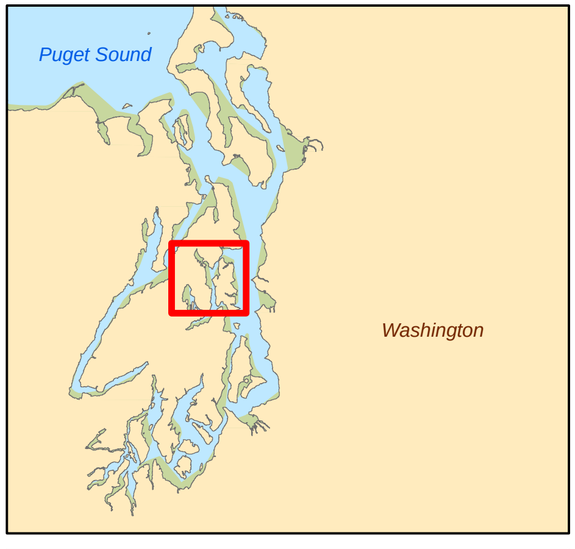
Additional surveys will be conducted by private contractors in 2011. Those projects, covering areas off the coasts of Maine, Virginia, Florida, Mississippi, Louisiana, and Alaska, will be announced separately.

OPR-N395-FA-11 Central Puget Sound, WA

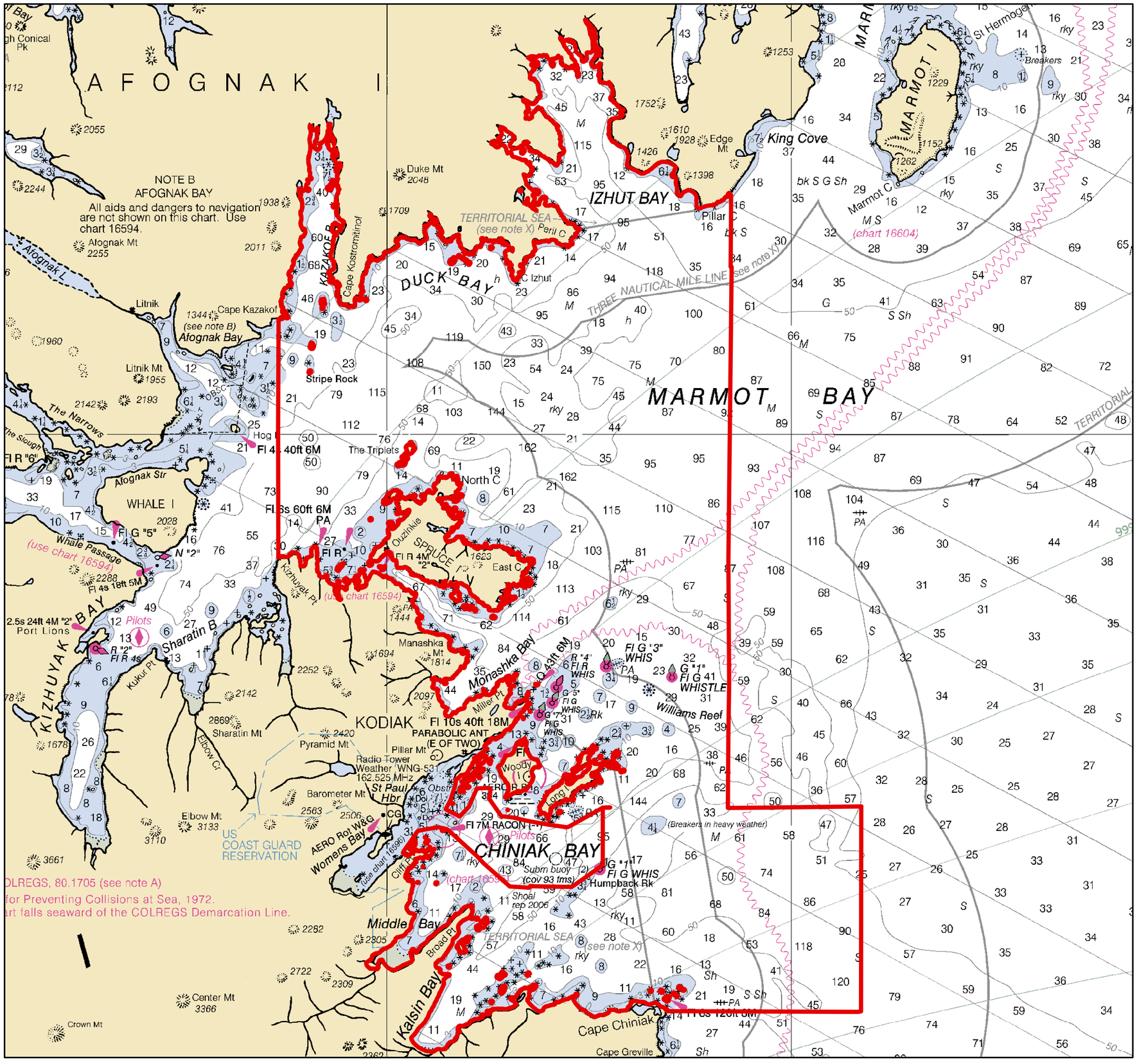


Central Puget Sound, WA will be surveyed by NOAA Ship FAIRWEATHER during the 2011 Survey Season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project will cover 7.5 square nautical miles of navigationally significant survey areas as designated in NOAA Hydrographic Survey Priorities, 2010 edition.



OPR-P136-FA-11 North Coast of Kodiak Island, AK

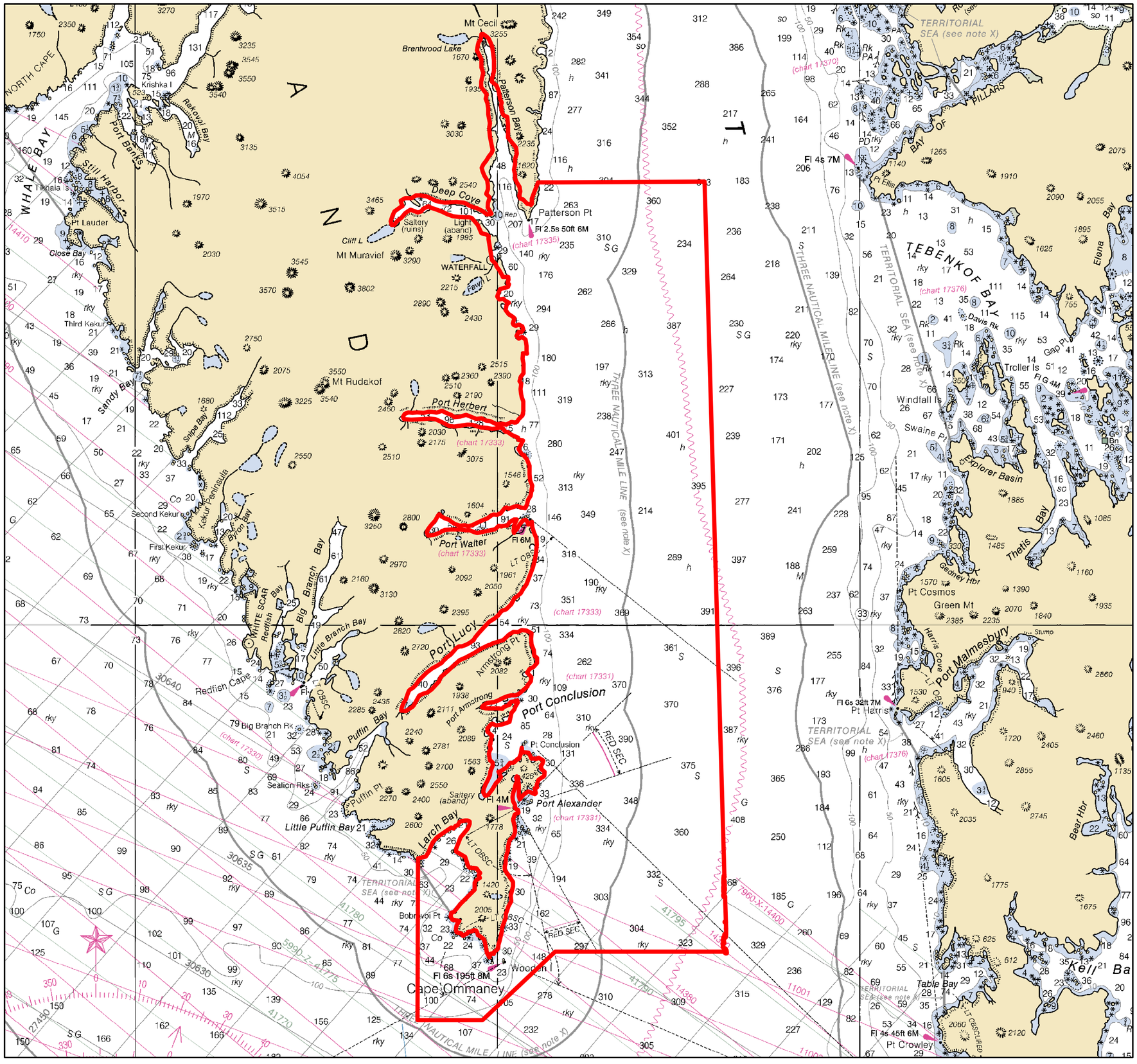


The North Coast of Kodiak Island, AK will be surveyed by NOAA Ship FAIRWEATHER during the 2011 survey season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This area has been identified as seeing an increasing number of passenger and tour vessels, as well as a large fishing fleet. This project will cover approximately 470 square nautical miles of emerging crit and priority survey areas as designated in NOAA Hydrographic Survey Priorities (NHSP), 2010 edition.

Four tide gauges will be installed to support this project, as well as other CO-OPS projects, including VDatum devlopment.

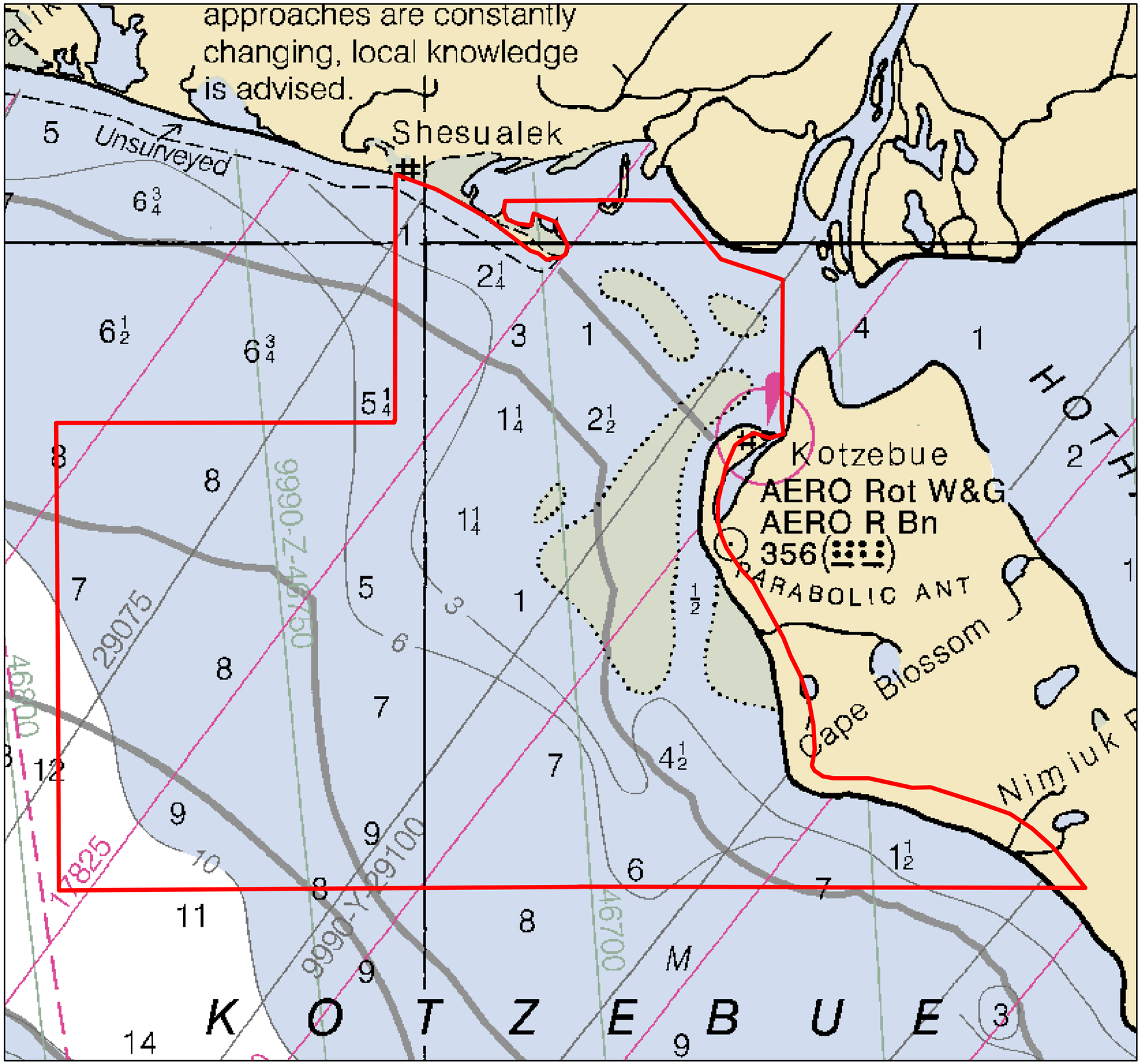
OPR-O322-FA-11 Chatham, Strait, AK



Chatham Strait, AK will be surveyed by NOAA Ship FAIRWEATHER during the 2011 Survey Season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project lies in the critical survey area of the NOAA Hydrographic Survey Priorities (NHSP). This area is frequently transited by Cruise liners, ferries, USCG cutters, US Navy vessels, tugs and barges, fishing vessels and factory trawlers. Additionally, ships that are too big for Wrangell Narrows and Keku Strait, as well as vessels avoiding storms in the Gulf of Alaska transit through Chatham Strait. This project will cover approximately 166 square nautical miles of critical and priority one survey areas as designated in NOAA Hydrographic Survey Priorities, 2010 edition.

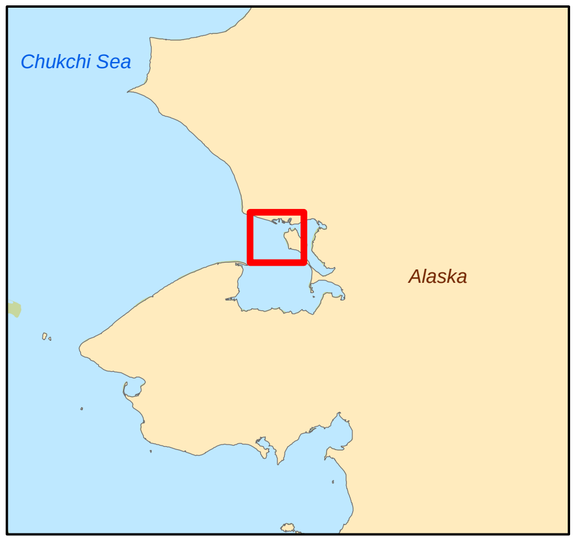
OPR-S327-FA-11 Approaches to Kotzebue, AK



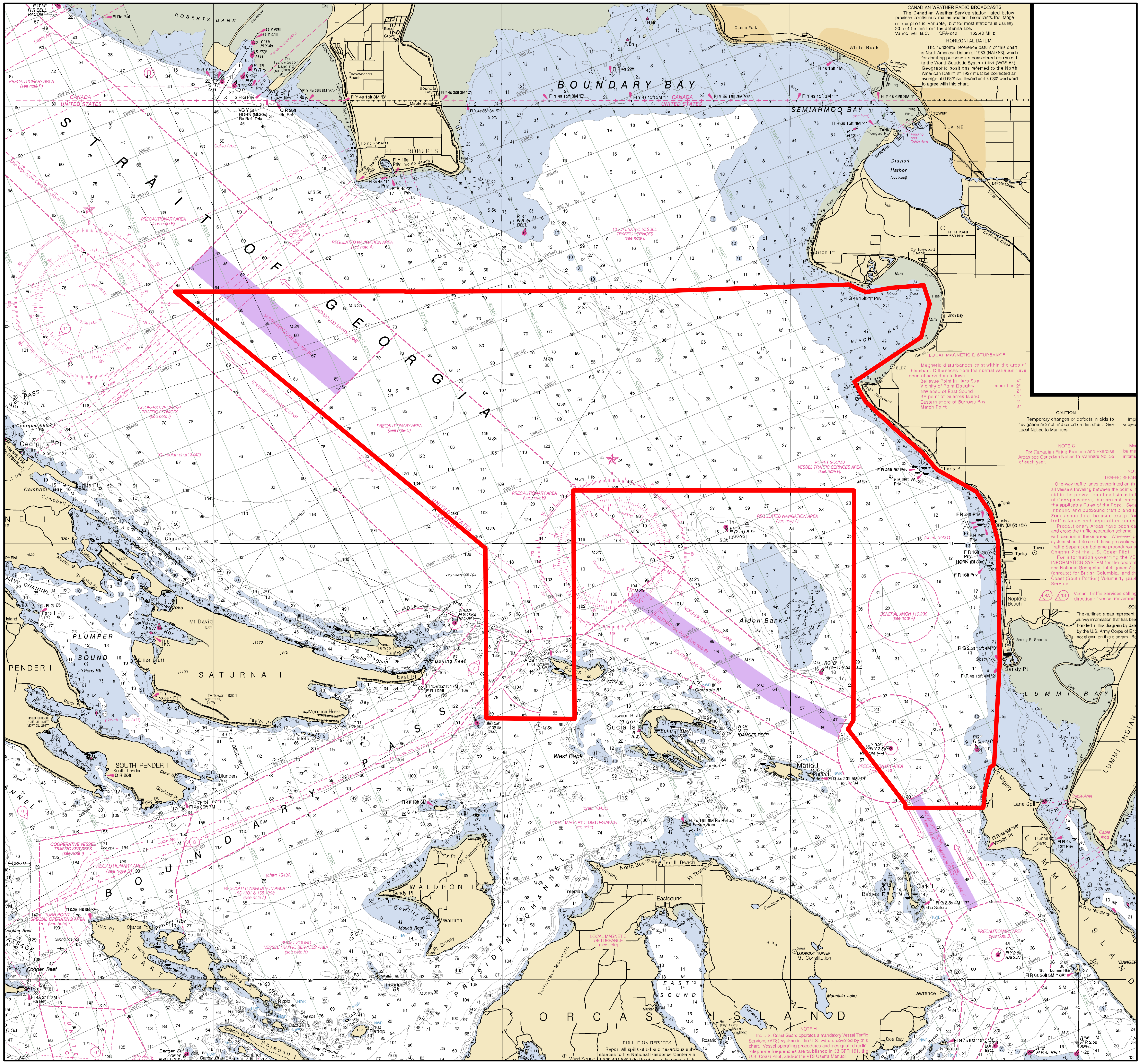
The Approaches to Kotzebue Bay, AK will be surveyed by NOAA Ship FAIRWEATHER during the 2011 Survey Season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project will cover 402 square nautical miles of navigationally significant survey areas as designated in NOAA Hydrographic Survey Priorities, 2010 edition. A large portion of this area has not been surveyed since the 1950's, while some portions have never been surveyed by the US. Kotzebue Sound is a regional distribution hub for northwest Alaska, and sees routine tug and barge traffic. There is also anticipation that Kotzebue could become a major staging/anchorage area for vessels supporting oil and gas development. Surveying in this area will have a significant impast on safe navigation and may help in establishing more efficient traffic routes.

One tide gauge will be installed to support this project, as well as other CO-OPS projects, including VDatum development.



OPR-N161-RA-11 Strait of Georgia, WA



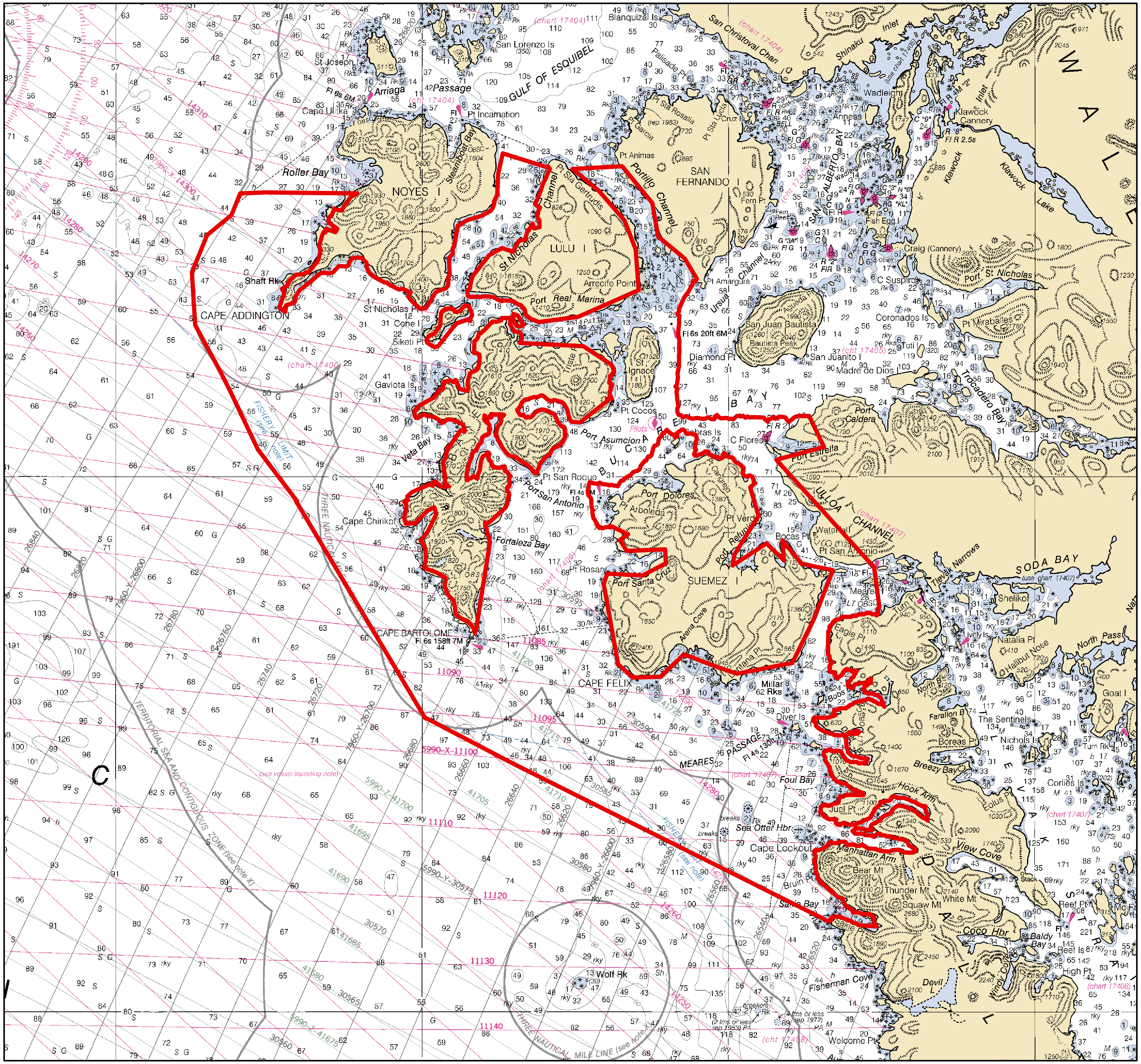
The Strait of Geogia, WA will be surveyed by NOAA Ship RAINIER during the 2011 survey season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project will cover approximately 45 square nautical miles of navigationally significant areas as designated in NOAA Hydrographic Survey Priorities, 2010 edition.

The data will also address the concerns of the Puget Sound Pilots over shoals in the vicinity of Cherry Point/Ferndale, which is the largest oil tanker terminus in Washington. The area is very dynamic in nature and has seen changes in vessel traffic due to the recently doubling of capacity at Cherry Point.

A tide gauge will be installed to support this project, as well as other CO-OPS projects, including VDatum devlopment.

OPR-O190-RA-11 West Prince of Wales Island, AK



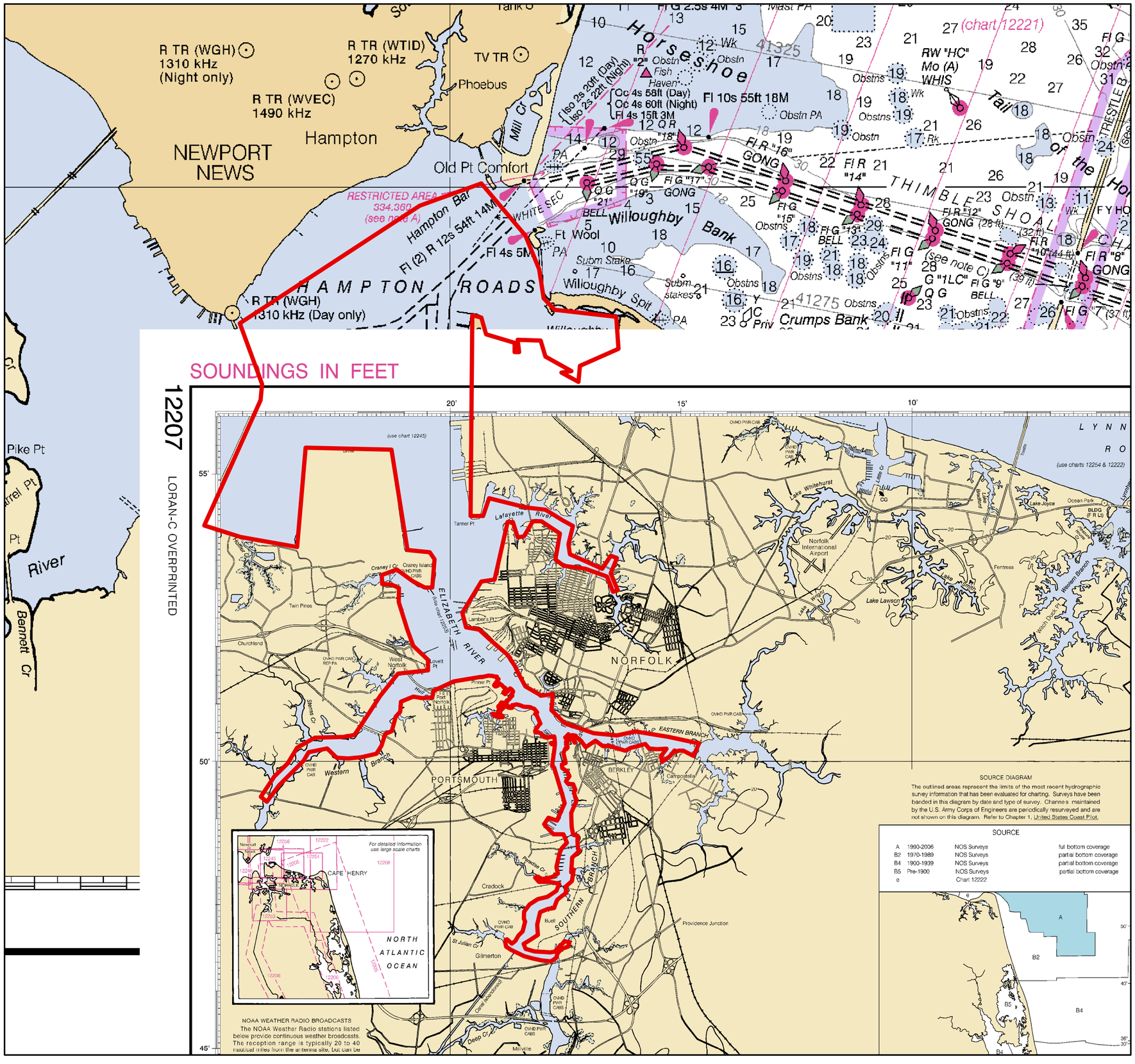
West Prince of Wales Island, AK will be surveyed by NOAA Ship RAINIER during the 2011 Survey Season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project lies in the critical survey area of the NOAA Hydrographic Survey Priorities (NHSP). This project will cover approximately 176 square nautical miles of critical and priority one survey areas as well as 121 square nautical miles of navigationally significant areas as designated in NOAA Hydrographic Survey Priorities, 2010 edition.

The data will also be used to support the Tsunami DEM program.

A tide gauge will be installed to support this project, as well as other CO-OPS projects, including VDatum devlopment.

OPR-E350-TJ-11 Southern Chesapeake Bay, VA



Southern Chesapeake Bay, VA will be surveyed by NOAA Ship THOMAS JEFFERSON during the 2011 survey season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project will cover approximately 25 square nautical miles of navigationally significant survey areas as designated in the NHSP, 2010 edition.

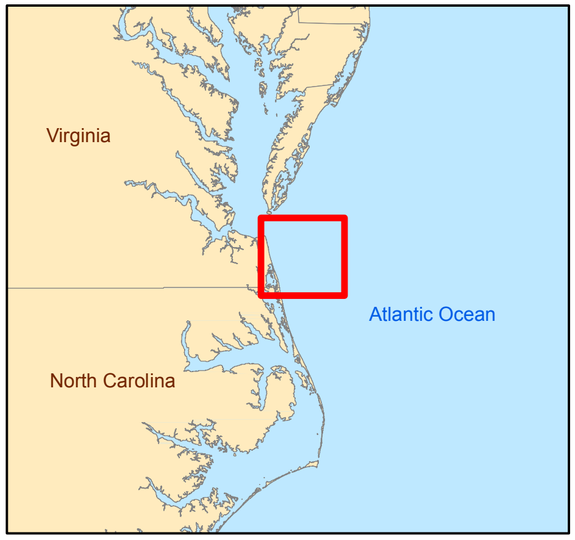
The data will also address concerns about the impact of a planned pipeline and planned anchorage in the area, as well fufilling requests from the United States Coast Guard (USCG) and the Virginia Pilots for updated soundings iin several locations in the Elizabeth River.

OPR-D304-TJ-11 Approaches to Chesapeake Bay, VA

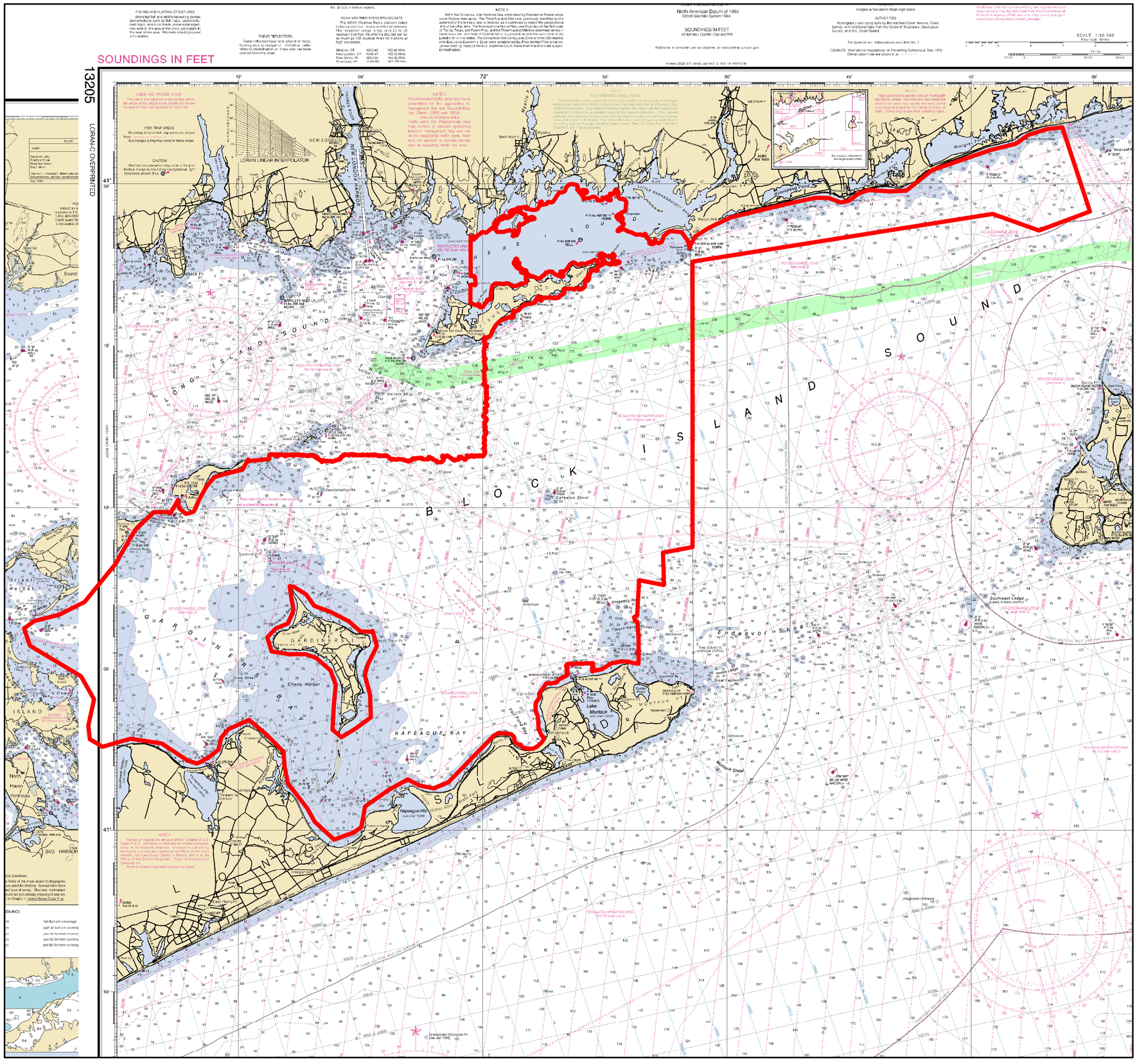
The Approaches to Chesapeake Bay, VA will be surveyed by NOAA Ship THOMAS JEFFERSON during the 2011 survey season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project lies in the critical survey area of the NOAA Hydrographic Survey Priorities (NHSP). This project will cover approximately 366 square nautical miles of critical and priority survey areas as designated in NHSP, 2010 edition.

The data will also address the concerns of the Virginia Pilots over deep draft coal ships, which have been seen navigating through charted shoals, southeast of the deep draft lane sea buoy.



OPR-B363-TJ-11 Block Island Sound, CT & NY



Block Island Sound, CT & NY will be surveyed by NOAA Ship THOMAS JEFFERSON during the 2011 survey season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project lies in the critical survey area of the NOAA Hydrographic Survey Priorities (NHSP). This project will cover approximately 211 square nautical miles of critical and navigationally significant survey areas as designated in NHSP, 2010 edition.

Two tide gauges will be installed to support this project, as well as other CO-OPS projects, including VDatum.