Planned Alaska Surveys for 2011

NOAA Ship *Rainier*

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

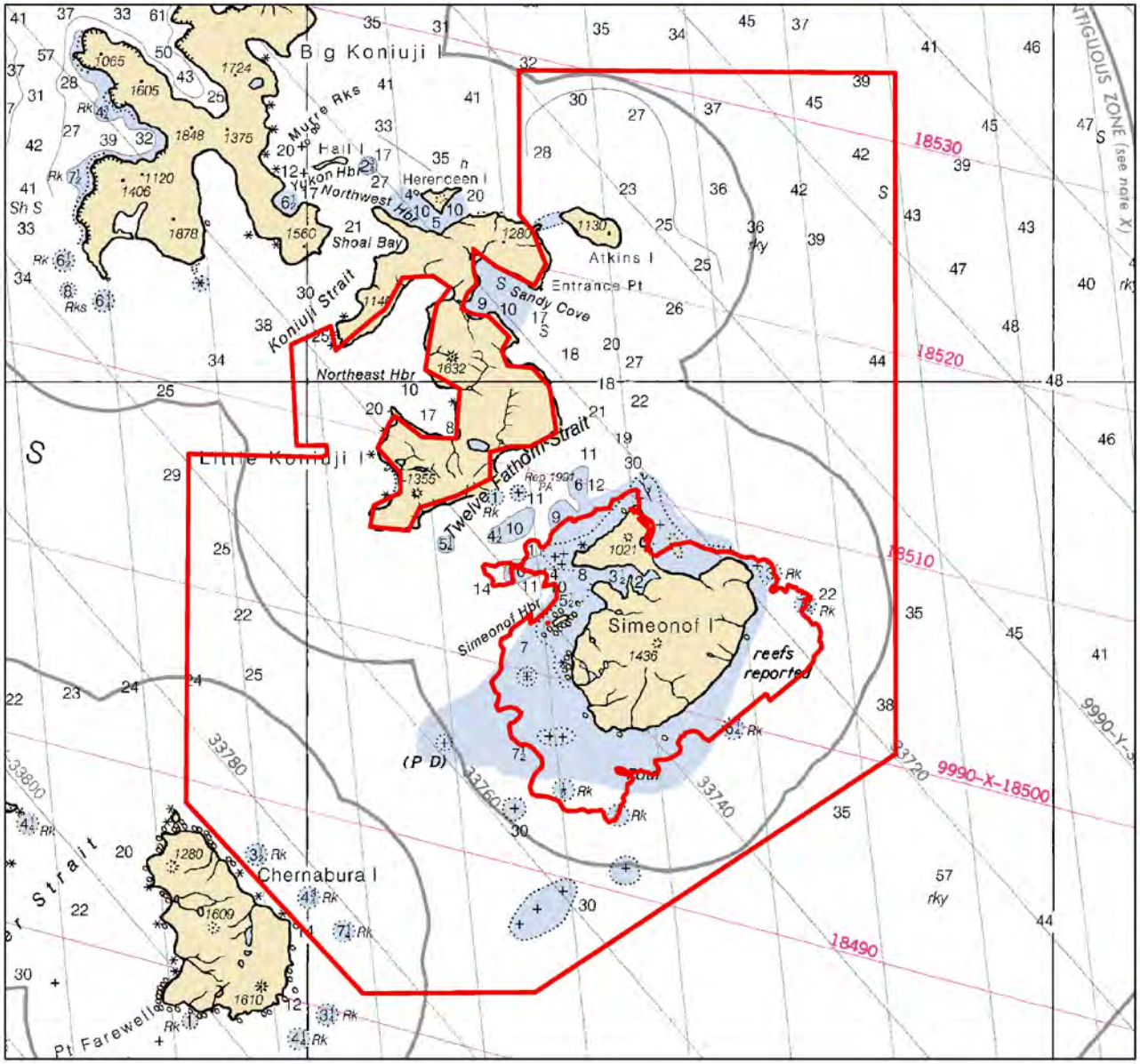
West Prince of Wales Island, AK will be surveyed by NOAA Ship RAINIER during the 2011 Survey Season.

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-P183-RA-11 Shumagin Islands, AK

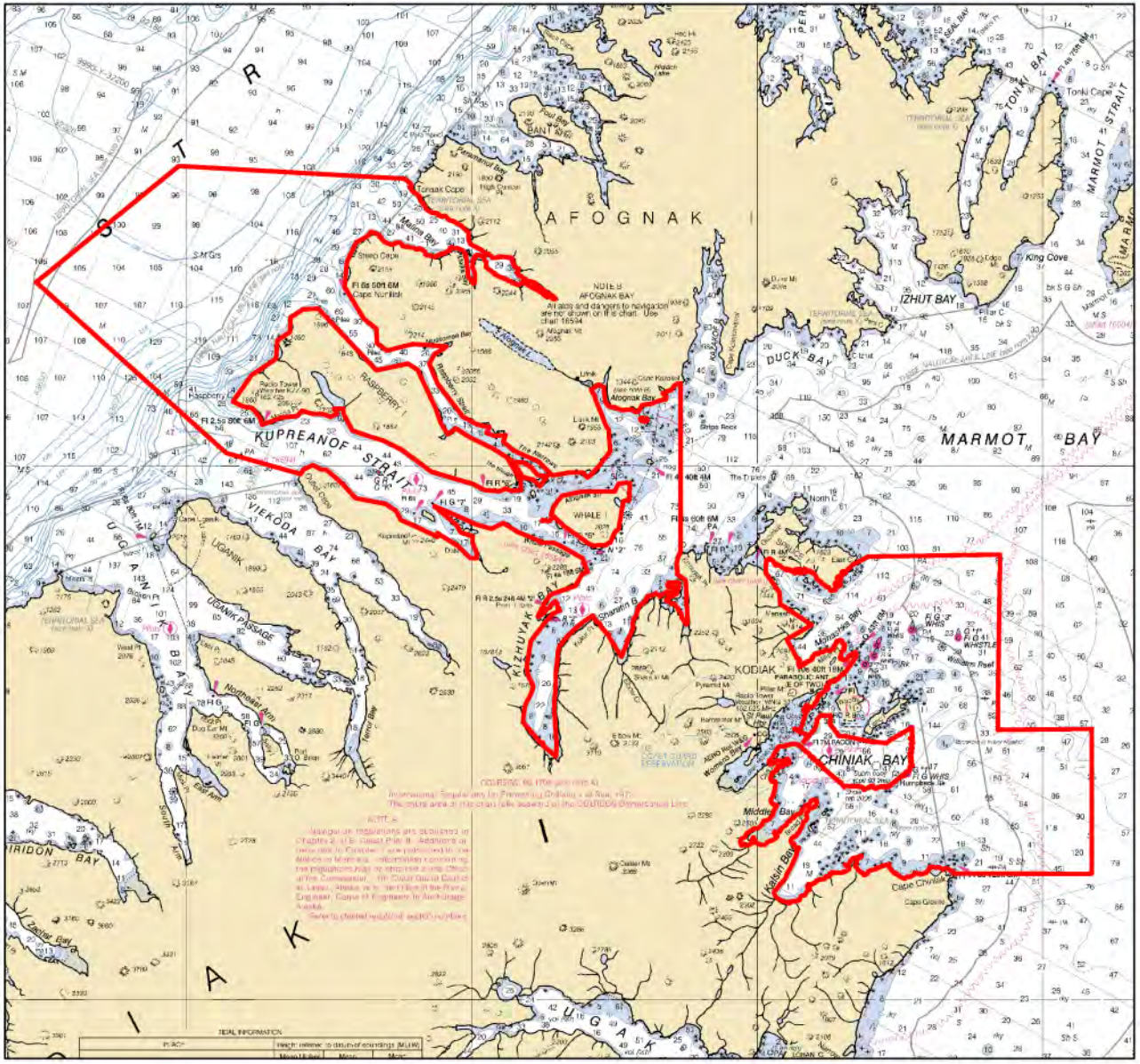


Shumagin Islands, AK will be surveyed by NOAA Ship RAINIER during the 2011 survey season.

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 223 square nautical miles of critical survey areas as designated in NOAA Hydrographic Survey Priorities, 2010 edition.

The data will also create DTM maps in support of the efficiencies in longline and pot fisheries, while minimizing habitat disruption.

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



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

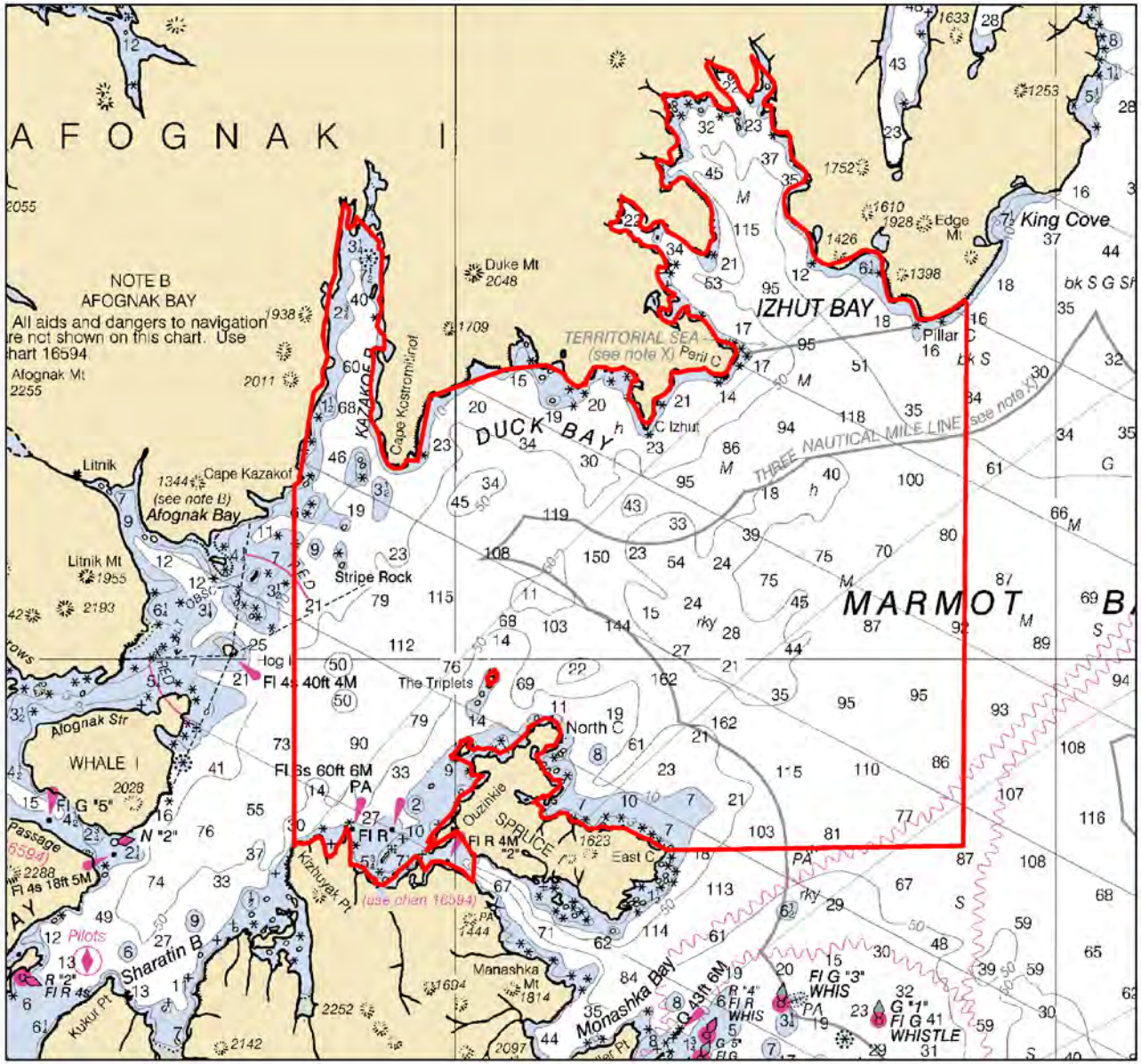
The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This area has been identified as seeing an increasing number of passenger and tour vessels, as well as a large fishing fleet. This project will cover approximately 556 square nautical miles of emerging crit and priority survey areas as designated in NOAA Hydrographic Survey Priorities (NHSP), 2010 edition.

The data will also create DTM maps in support of the efficiencies in longline and pot fisheries, while minimizing habitat disruption and be used to support the Tsunami DEM program.

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

NOAA Ship *Fairweather*

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

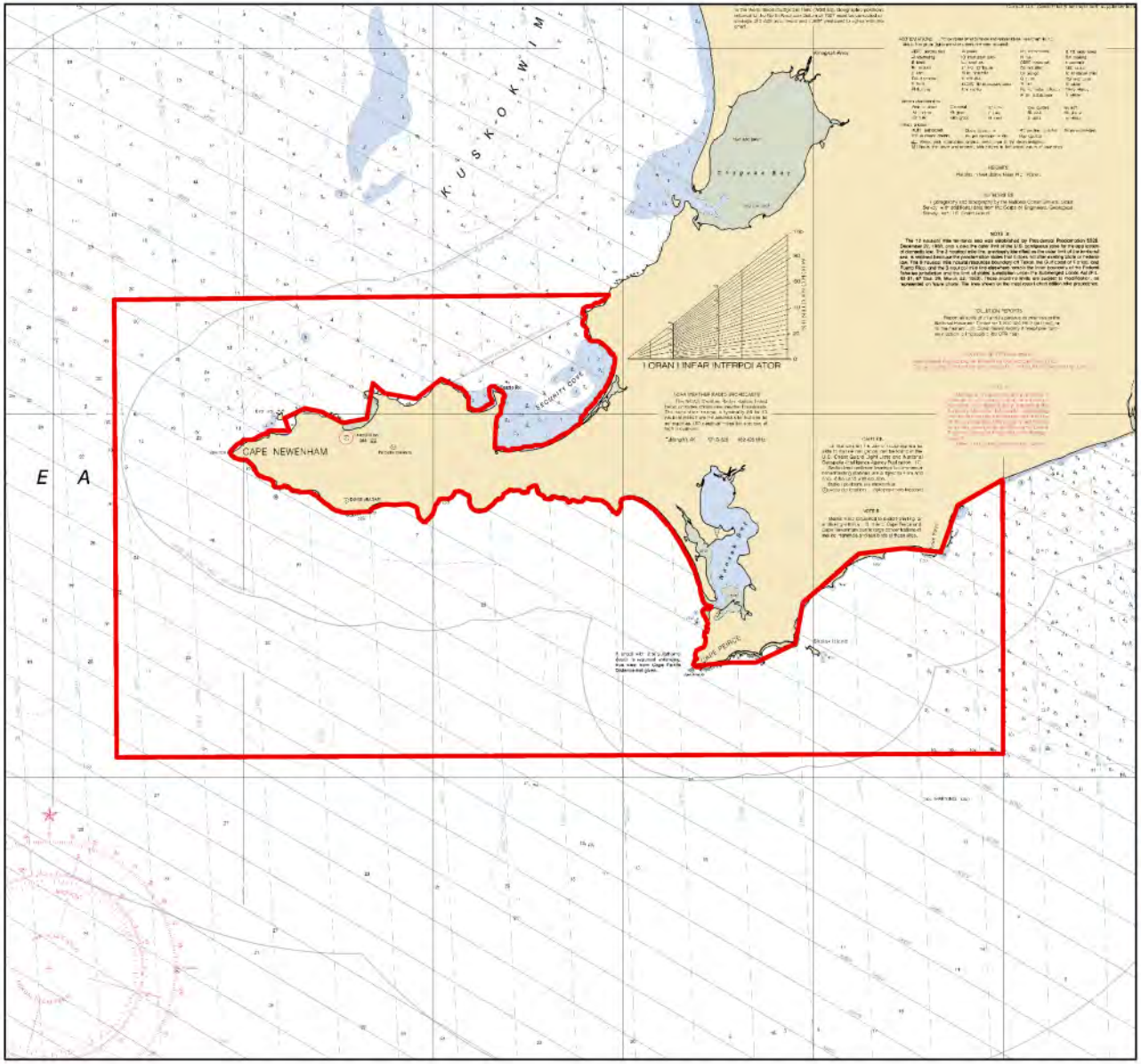


The North Coast of Kodiak Island, AK will be surveyed by NOAA Ship FAIRWEATHER during the 2011 survey season.

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 249 square nautical miles of emerging crit and priority survey areas as designated in NOAA Hydrographic Survey Priorities (NHSP), 2010 edition.

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

OPR-R381-FA-11 Cape Newenham, AK

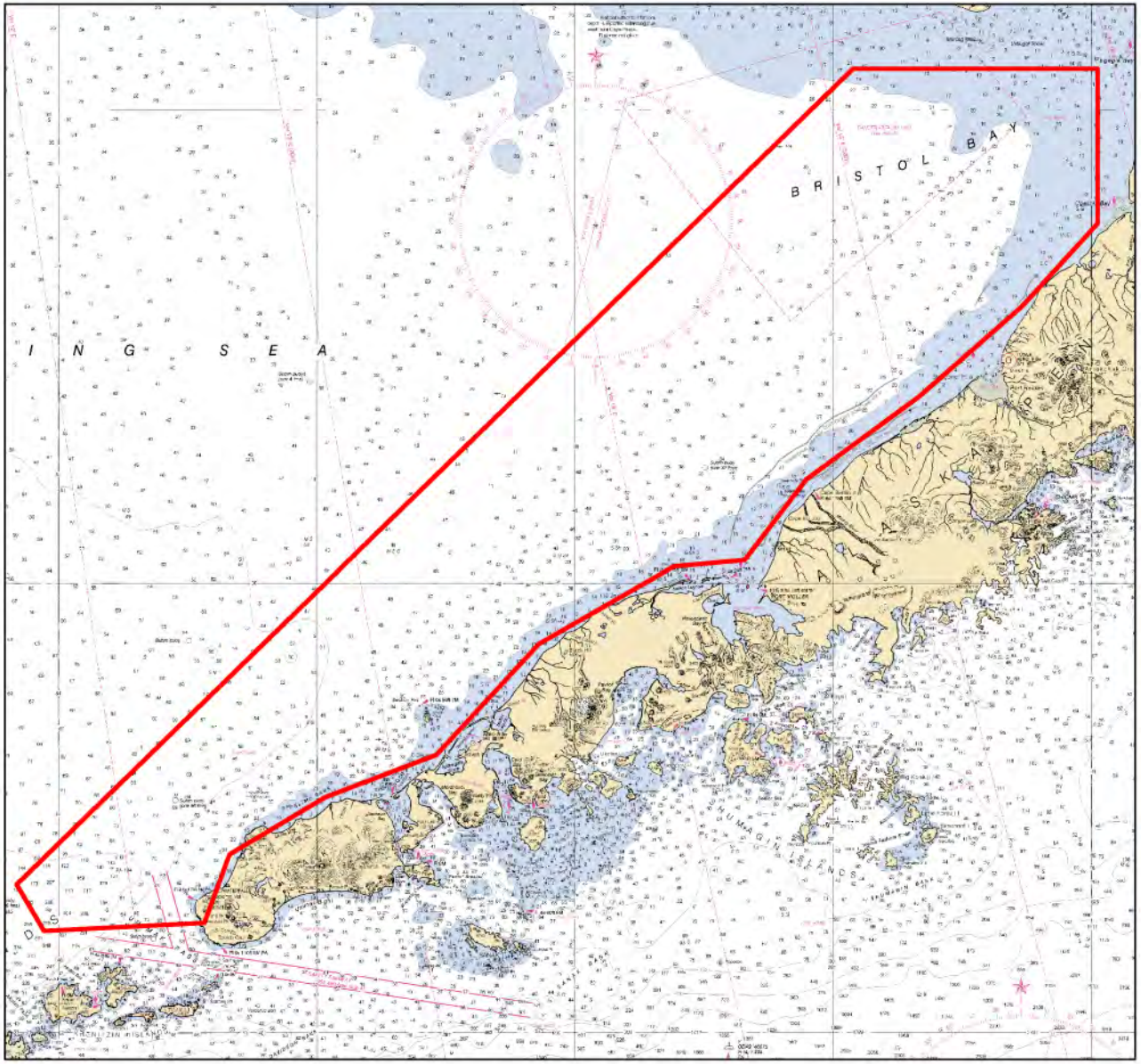


Cape Newenham, AK will be surveyed by NOAA Ship FAIRWEATHER during the 2011 survey season.

The purpose of this project is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. This project will cover approximately 210 square nautical miles of navigationally significant areas as designated in NOAA Hydrographic Survey Priorities (NHSP), 2010 edition.

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

M-R908-FA-11 Bristol Bay, AK

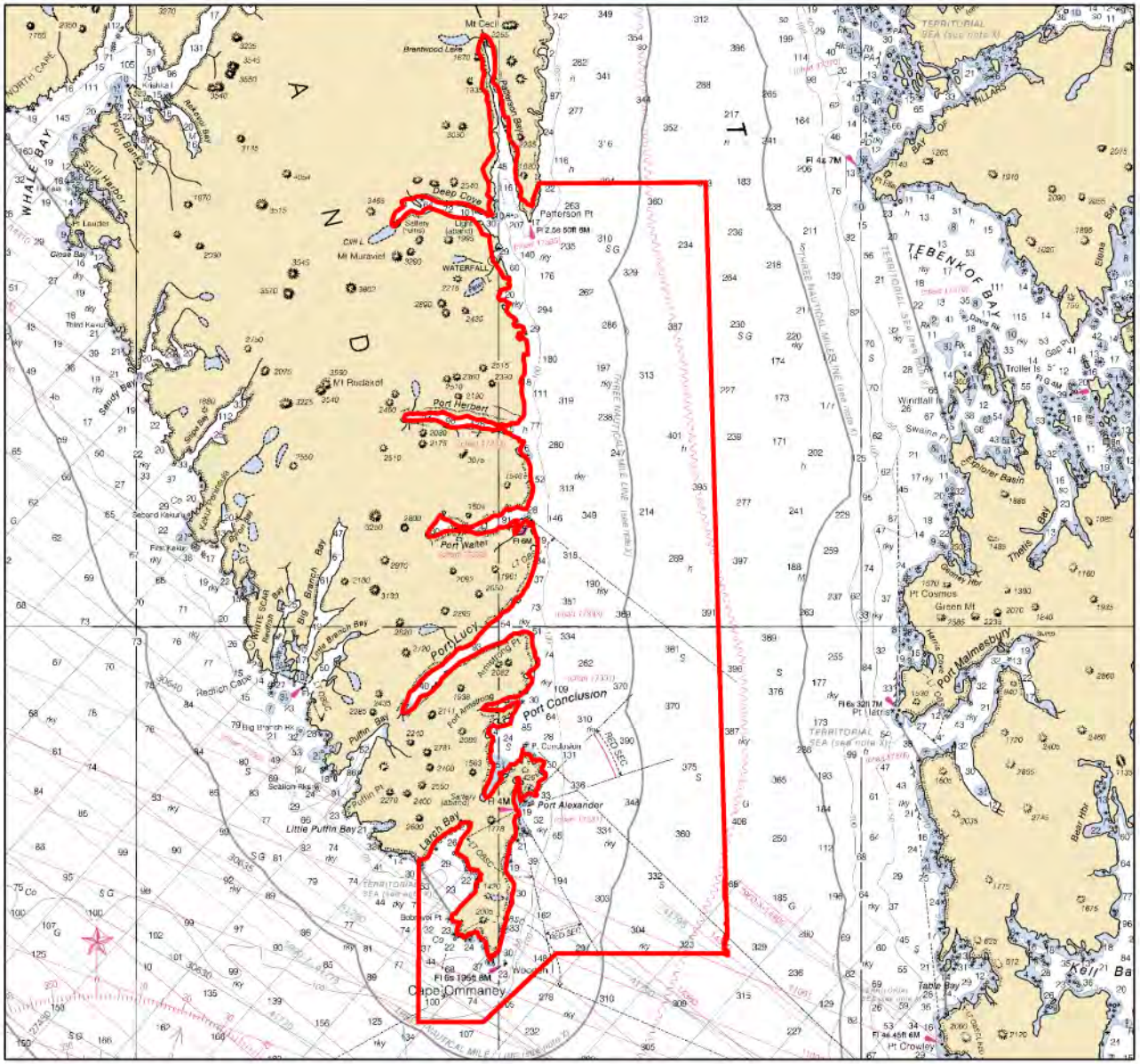


Bristol Bay, AK will be surveyed by NOAA Ship FAIRWEATHER during the 2011 survey season.

The purpose of this project is to acquire multibeam and backscatter centerline data, along a prescribed line plan, in support of National Marine Fisheries Service (NMFS) research. Data will also be used to update National Ocean Service (NOS) nautical charts.

Trackline survey conducted in conjunction with FishPAC

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.