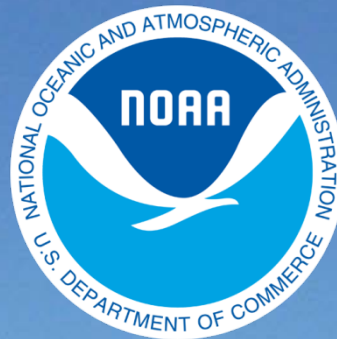


BookletChart™

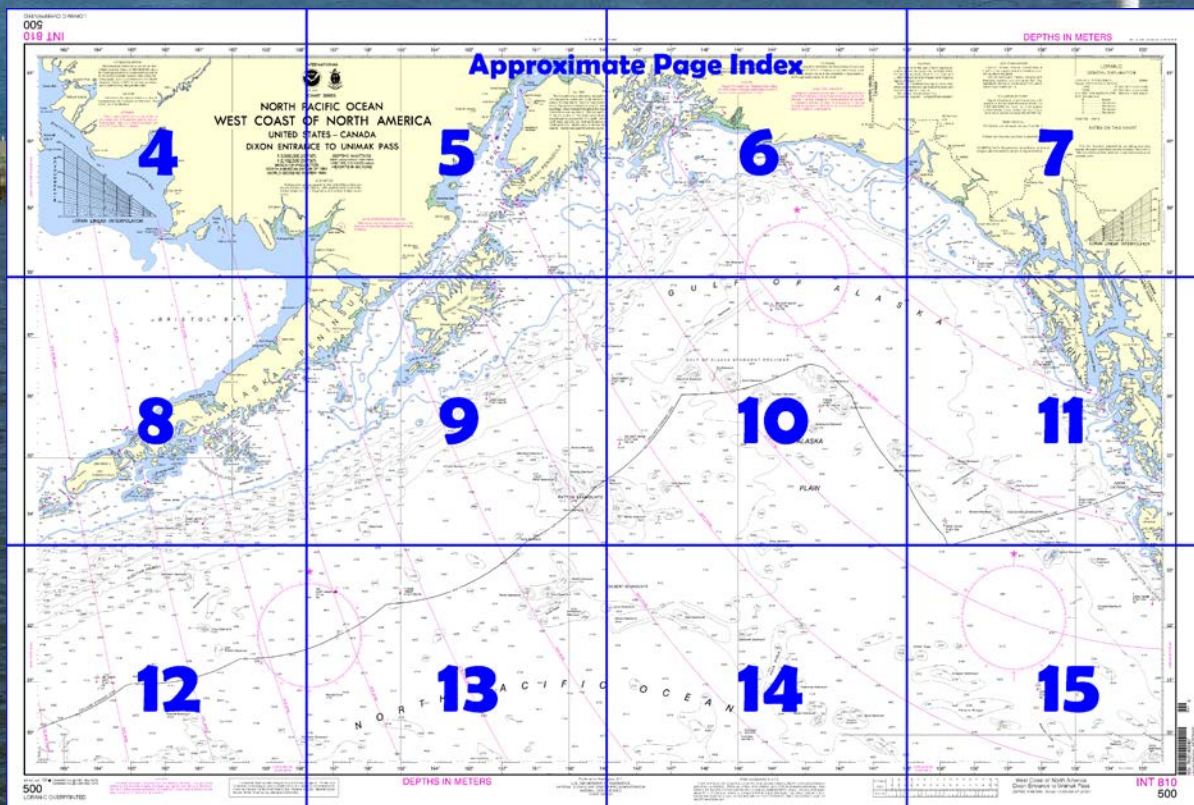
Dixon Entrance to Unimak Pass NOAA Chart 500



A reduced-scale NOAA nautical chart for small boaters
When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/coastpilot_w.php?book=8.



(Selected Excerpts from Coast Pilot)

From Cape Disappointment, the coast extends N for 22 miles to Willapa Bay as a low sandy beach, with sandy ridges about 20 feet high parallel with the shore. Back of the beach, the country is heavily wooded. Numerous summer resorts and cottages are along the beach. Landmarks along this section of the coast are few. The 10-fathom curve averages a distance of about 2.5 miles from the shore. There are no known offlying dangers S of the

Willapa Bay entrance bar.

From Point Brown the coast extends N for 23 miles to Point Grenville as a low, sandy beach, broken occasionally by small streams and in some places by bluffs.

Copalis Head, 13 miles N of Point Brown, is a bright yellow bluff 2 miles long and 200 feet high. It is 1.5 miles N of **Copalis River**. **Copalis Rocks**, two small rocks the larger 34 feet high, lie 500 yards off the head, and a rock awash is about 0.5 mile WSW of the head.

Moclips River entrance is 6 miles N of Copalis Head. The S point at the mouth is bare and sandy; on the N bank is a bright yellowish bluff 50 feet high. **Moclips**, near the mouth of this river, is connected by a branch of the Burlington Northern Railroad with Hoquiam on the N shore of Grays Harbor. A triangular-shaped yellowish bluff about 110 feet high on the S bank of **Wreck Creek**, which empties about 2.5 miles N of Moclips, is prominent from offshore.

Point Grenville, 10 miles N of Copalis Head, is a broken rocky promontory with nearly vertical whitish cliffs over 100 feet high. Numerous rocks extend for some distance off the point. **Grenville Arch**, dark in color, 83 feet high, is the outer and more prominent of two rocks lying W of the point; it is over 0.5 mile SW of the inner extremity of the point. The arch lies E and W. A rock that uncovers is 400 yards NW of Grenville Arch. The W rock, off the W end of the point, is 200 yards off the cliff and 92 feet high. There are several rocks inside of it, but none outside. Two rocks, over 90 feet high, are 400 yards S of the S extremity of the point.

An indifferent anchorage in NW weather may be had under Point Grenville by vessels of moderate draft, but the depths compel anchoring at such a distance from the beach that little shelter is afforded. The anchorage is in 4 fathoms, sandy bottom, with the inner extremity of the point bearing **338°**, and Grenville Arch bearing **239°**. This anchorage is not recommended for ordinary use.

N of Point Grenville is a series of cliffs; the upper part appears light gray, the lower part dark, separated by a well-defined line of demarcation. This formation disappears near the S end of the cliffs where they are broken up and present a stratified appearance. The strata slope downward to the N. North of the cliffs is a shingle beach followed by irregular bluffs and cliffs terminating near Taholah in white cliffs of uniform height, which from offshore do not present the stratified appearance noticeable to the S.

Quinalt River breaks through the cliffs about a mile SE of Cape Elizabeth. **Taholah** is an Indian village on the banks of the river. The shoreline in this section is low. The river is navigable only by skiffs and outboard motorboats. Some gasoline and supplies are available. A piling dike has been built along the spit in front of the village. In the background is a ridge with three long, flat summits. The road serving the beach settlements, and connecting them with Hoquiam, terminates at Taholah.

From Taholah to Cape Elizabeth the cliffs present an almost unbroken face seaward and in places are about 200 feet high. They appear either white or bright yellow, and from offshore present a very noticeable stratification, sloping downward to the S; an important difference from the direction of slope around Point Grenville.

Cape Elizabeth projects about a mile from the general trend of the coast, and when seen from seaward appears as a bright yellow, rocky cliff reaching in places a height of 200 feet. There are no high or large rocks off the cape. A little less than a mile SSE and SSW, lie two rocks awash, and inside of these, less than 0.5 mile from the extremity of the cape, are some small visible rocks that break. The houses of the Quinalt Indian Reservation are at the E end of the cliffs.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Juneau

Commander
17th CG District
Juneau, Alaska

(907) 463-2000

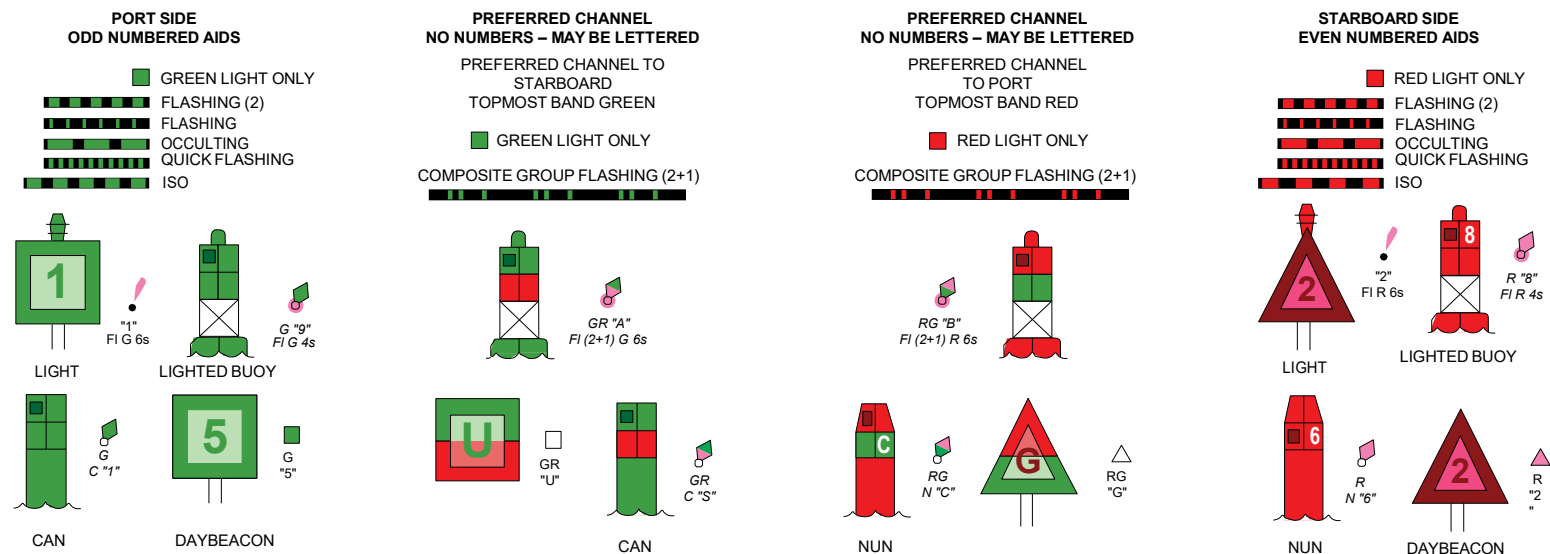
Navigation Manager Regions



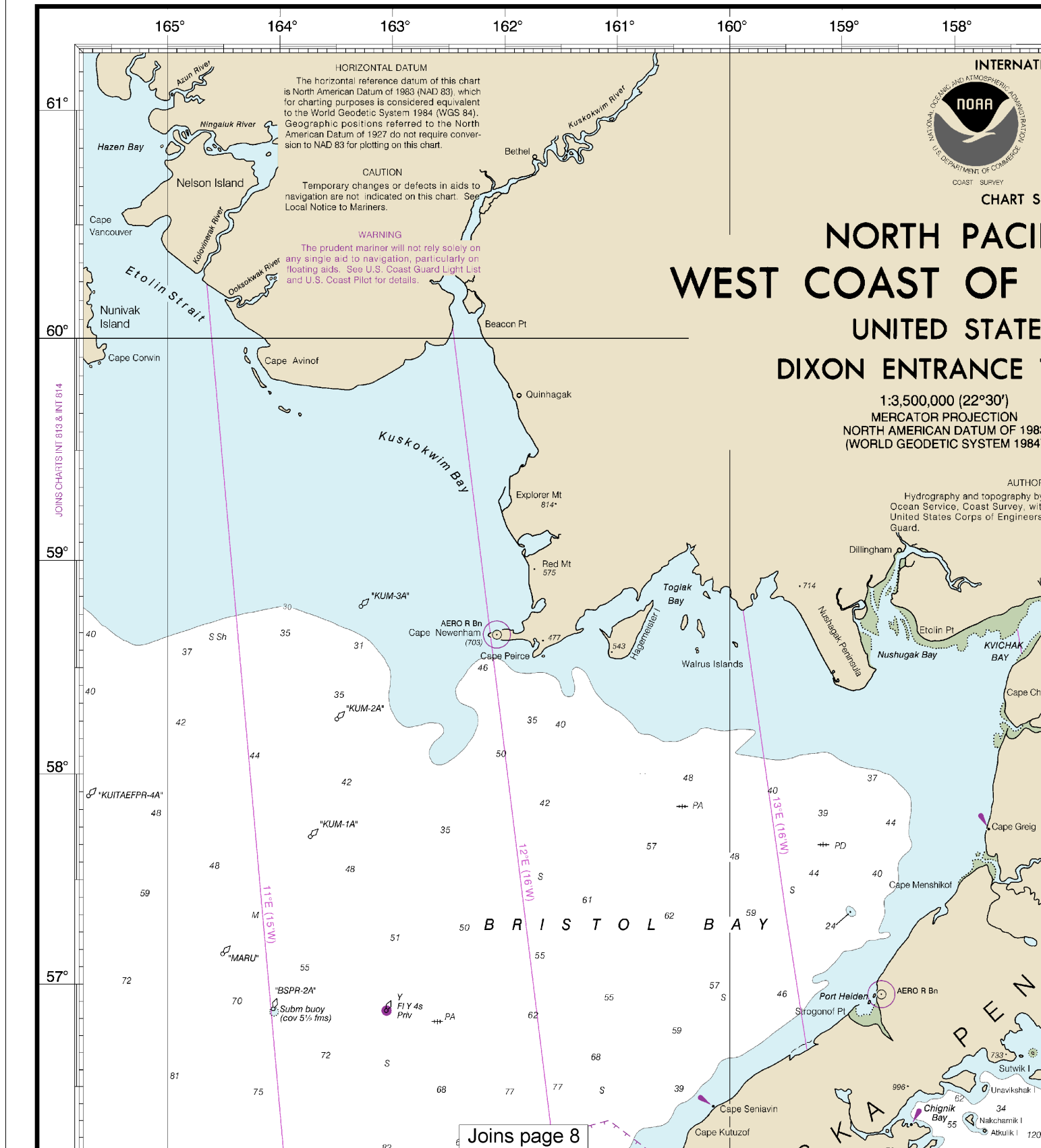
To make suggestions, ask questions, or report a problem with a chart, go to <https://www.nauticalcharts.noaa.gov/customer-service/assist/>

Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



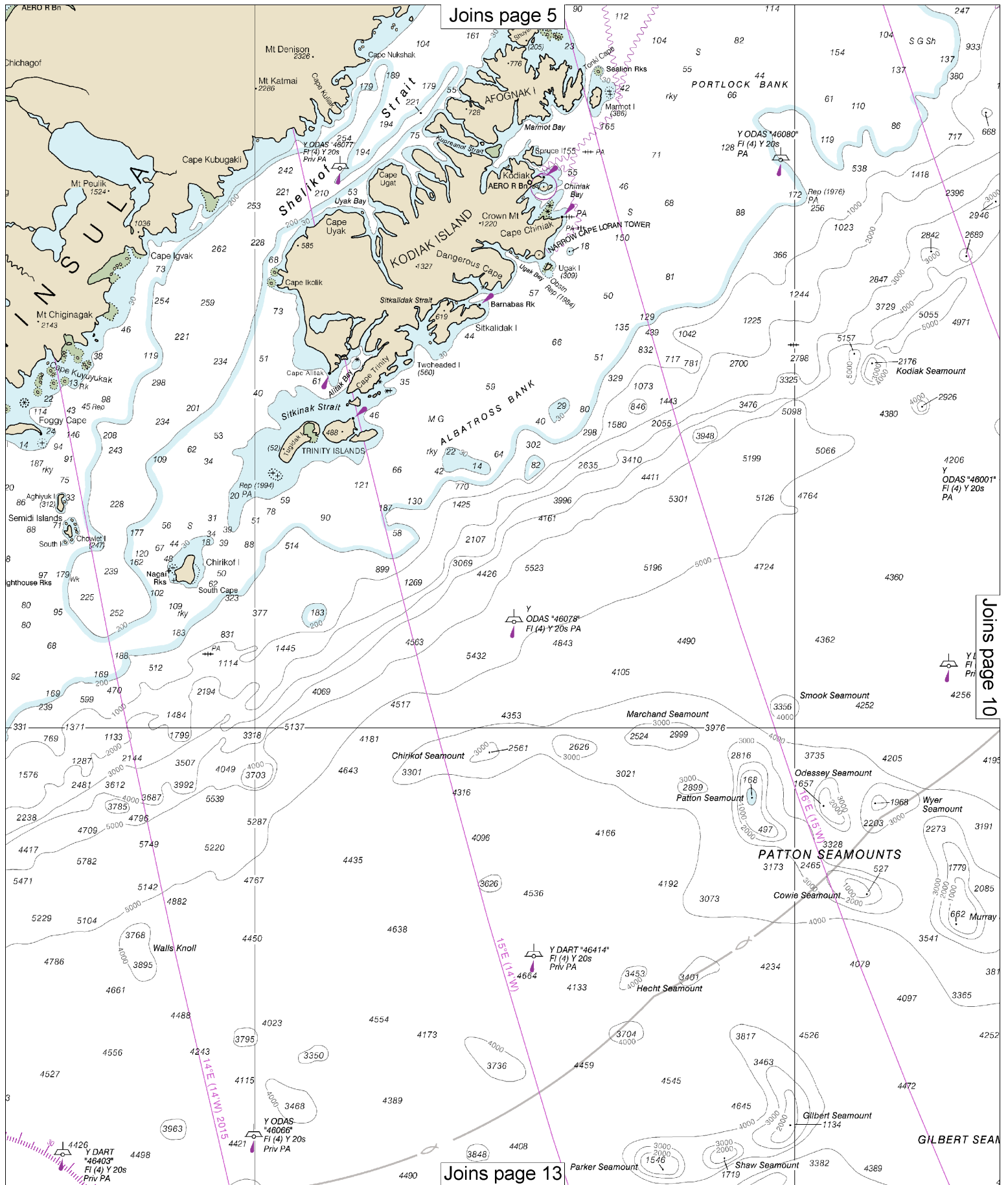
For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area. These volumes are available online at <http://www.navcen.uscg.gov>

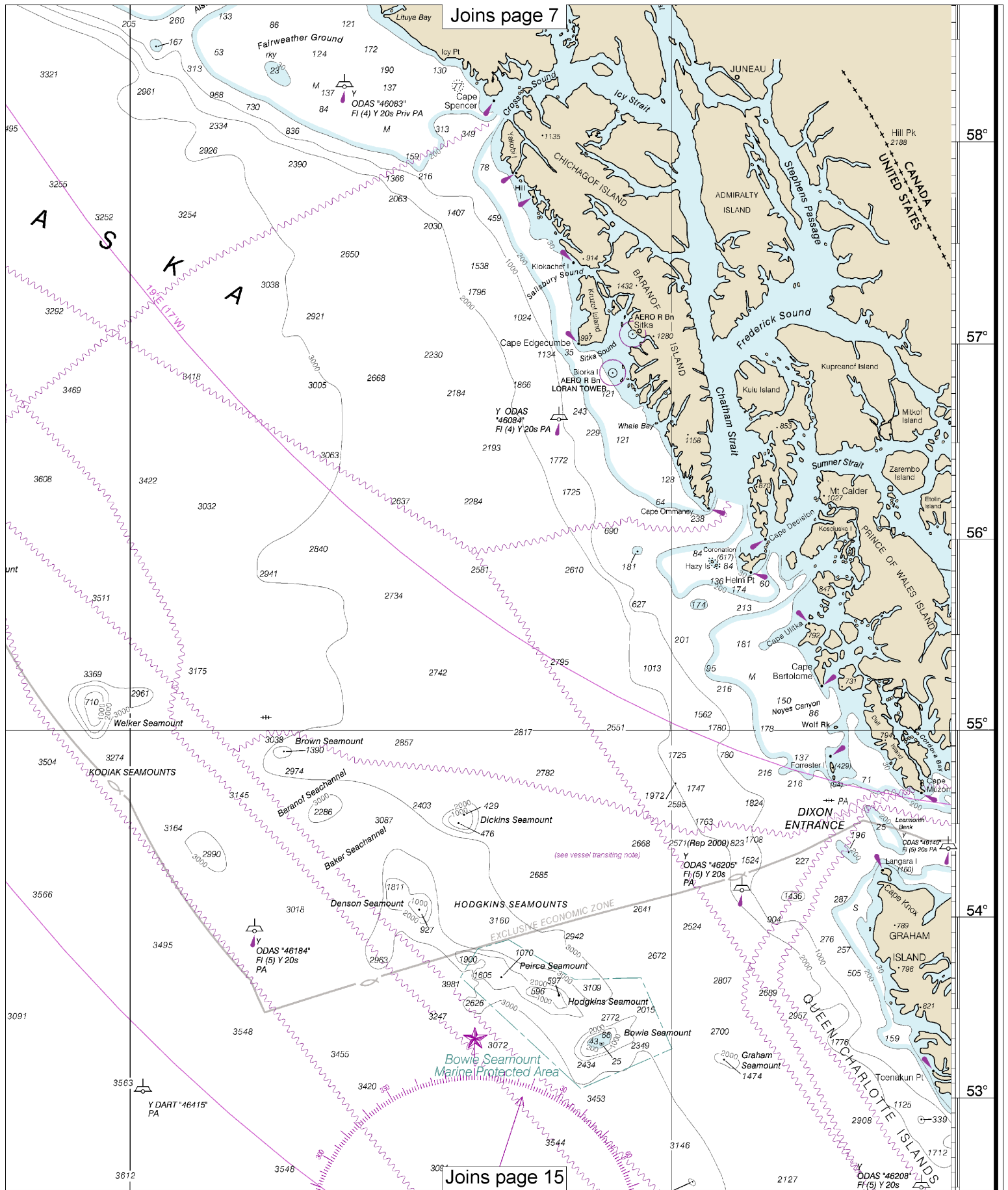


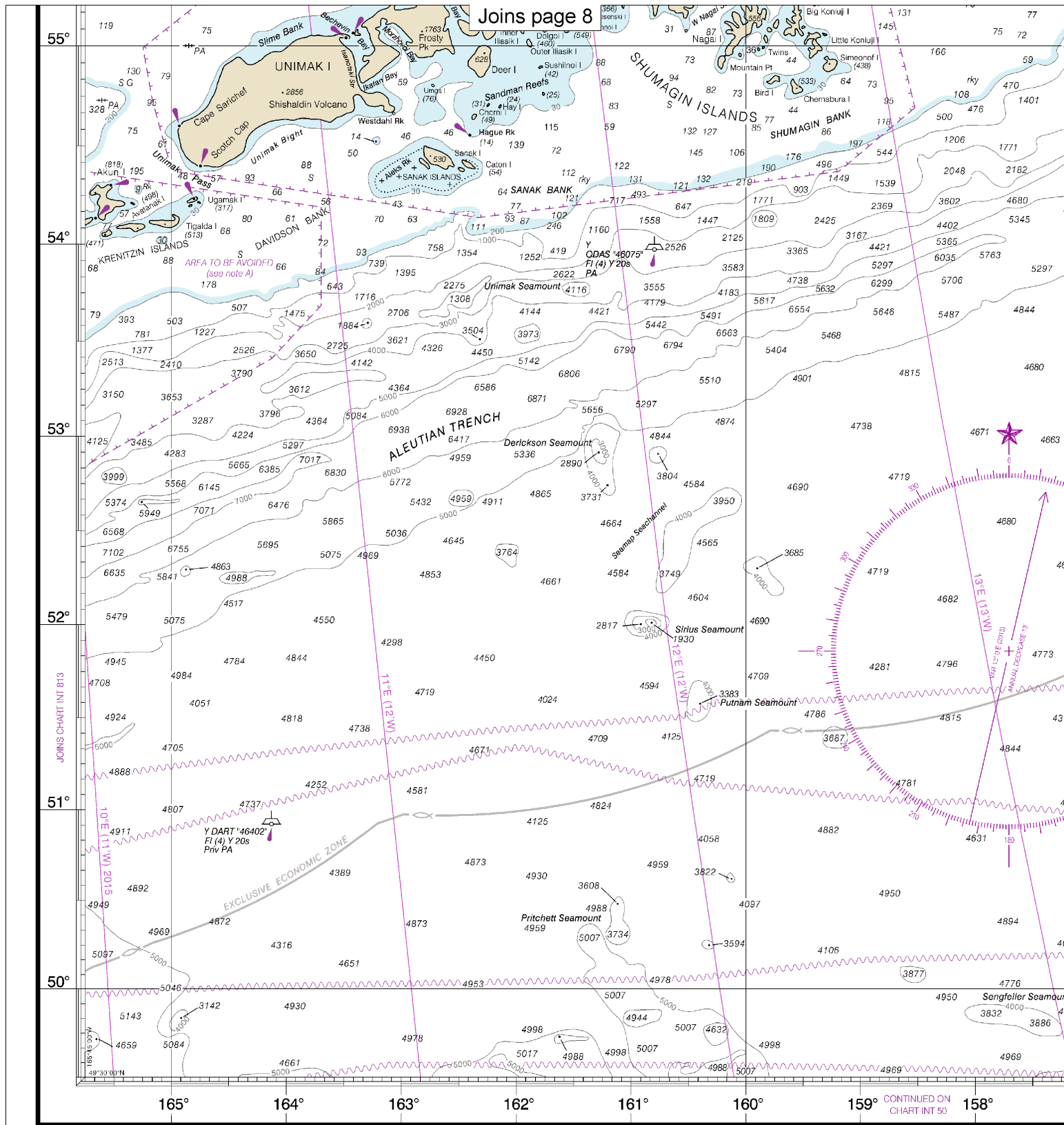
Note: Chart grid lines are aligned with true north.

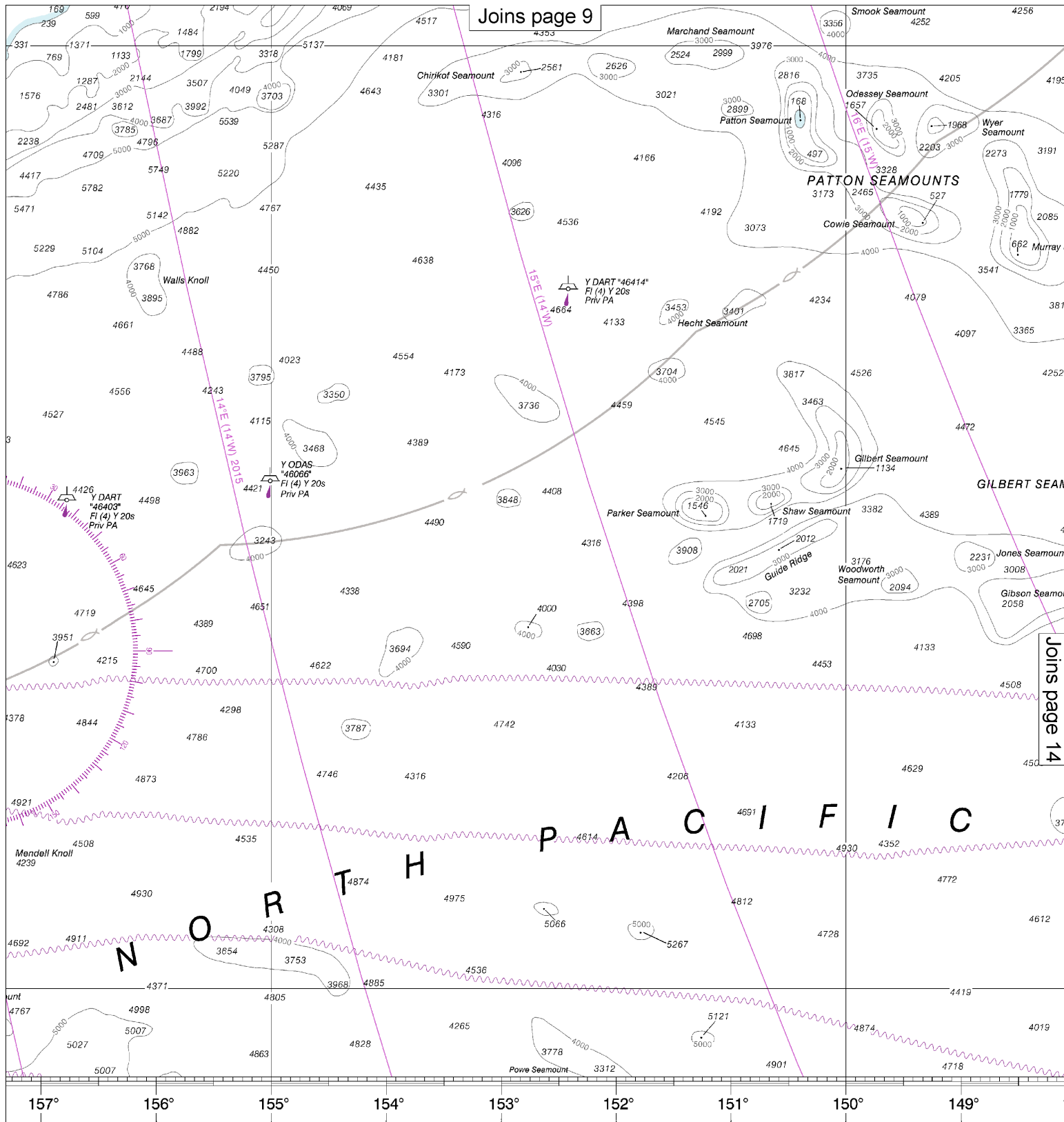
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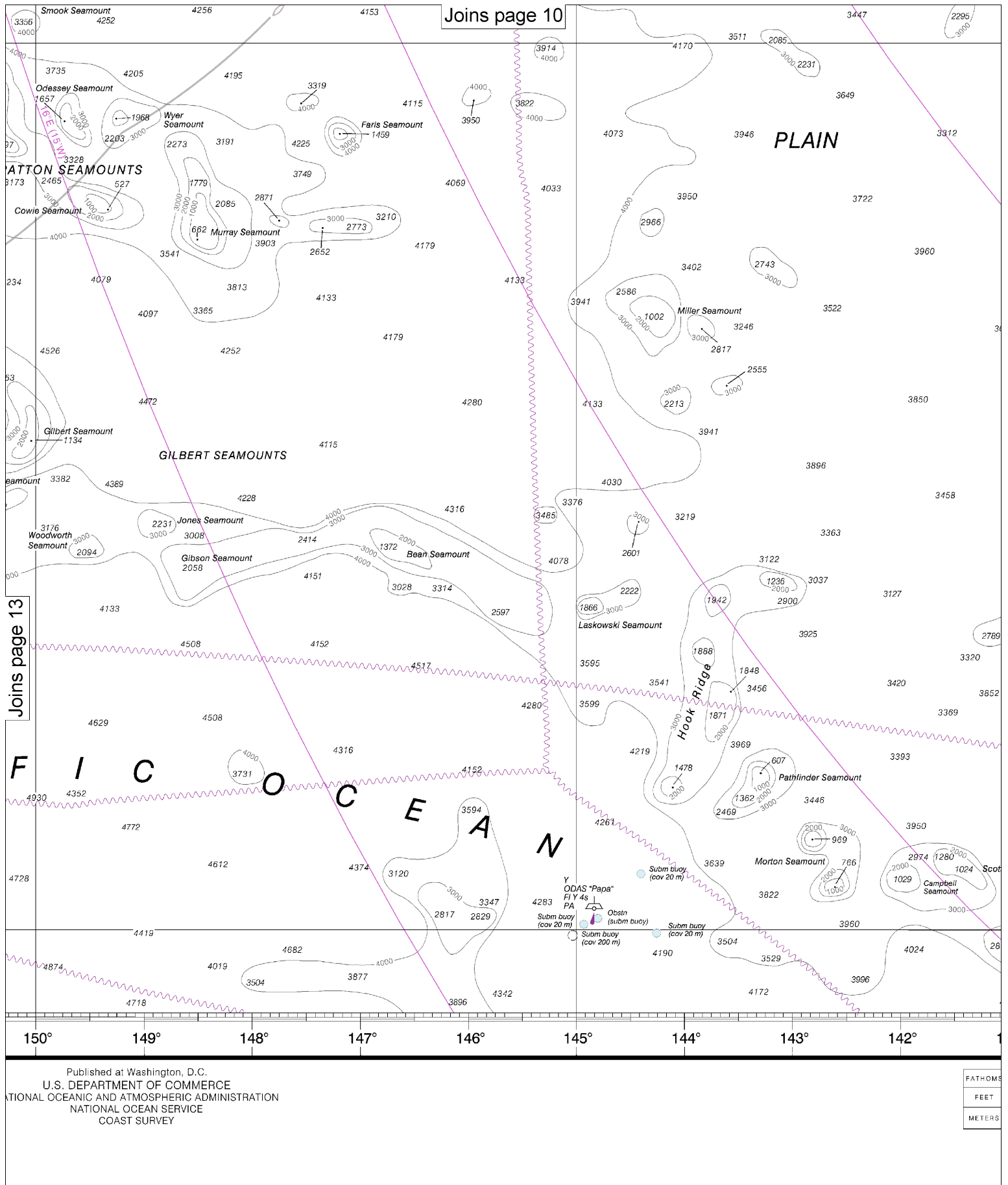
Joins page 9

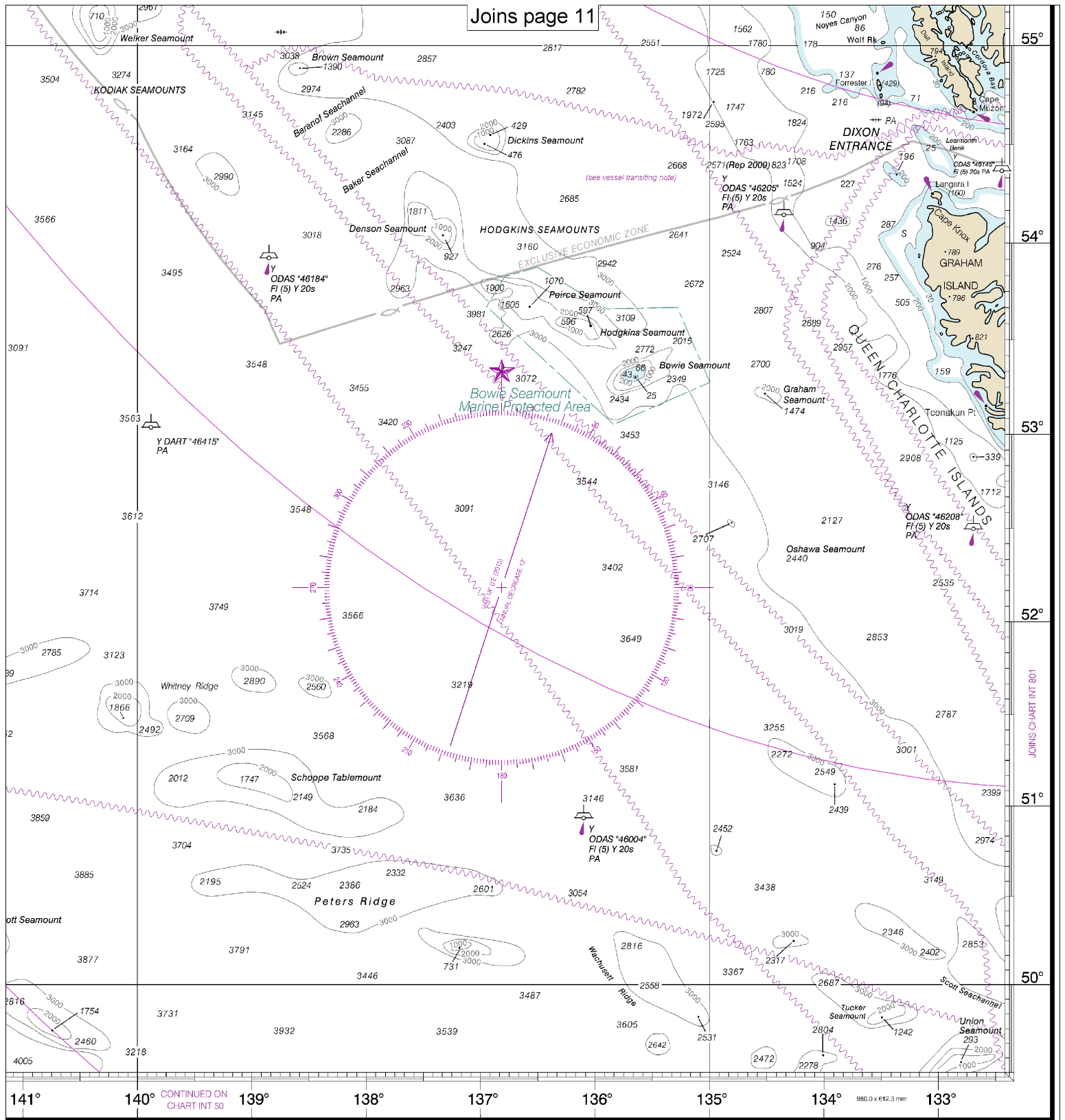
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DEPTHS IN METERS

For more information or comments
please contact info@noaa.gov

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY





West Coast of North America
Dixon Entrance to Unimak Pass
DEPTHS IN METERS - SCALE 1:3,500,000 (AT 22°30')

INT 810
500

15



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

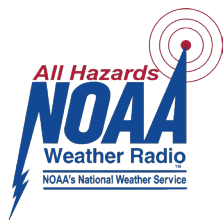
Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

Nautical chart related products and information	— http://www.nauticalcharts.noaa.gov
Interactive chart catalog	— http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml
Report a chart discrepancy	— http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	— http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
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Tides and Currents	— http://tidesandcurrents.noaa.gov
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National Data Buoy Center	— http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	— http://www.nowcoast.noaa.gov/
National Weather Service	— http://www.weather.gov/
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Contact Us	— http://www.nauticalcharts.noaa.gov/staff/contact.htm



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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.