BookletChart™

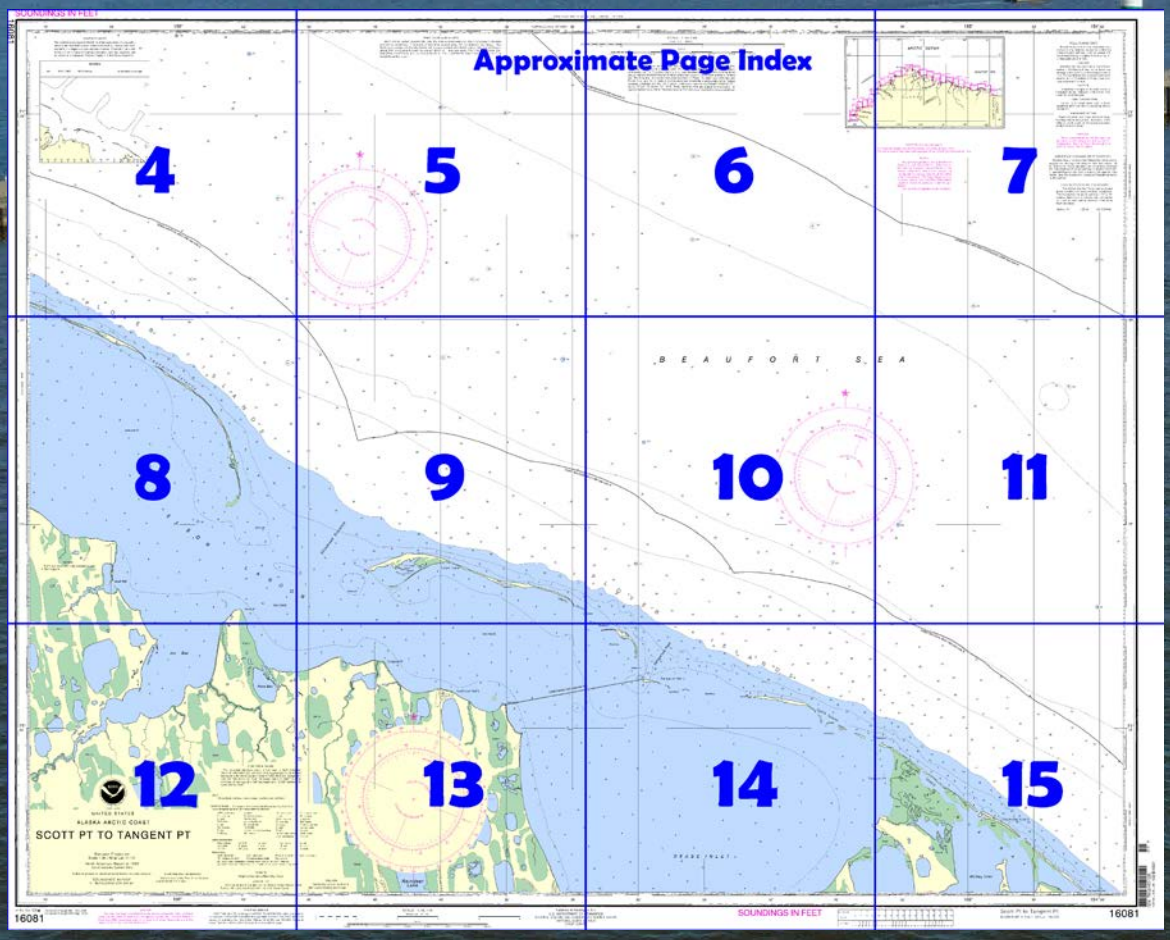
Scott Point to Tangent Point

NOAA Chart 16081

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.

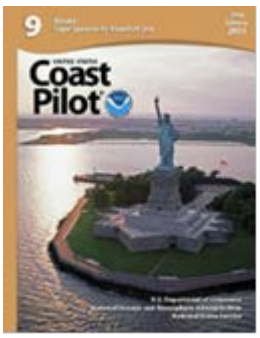
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

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/searchbychart.php?chart=16081.

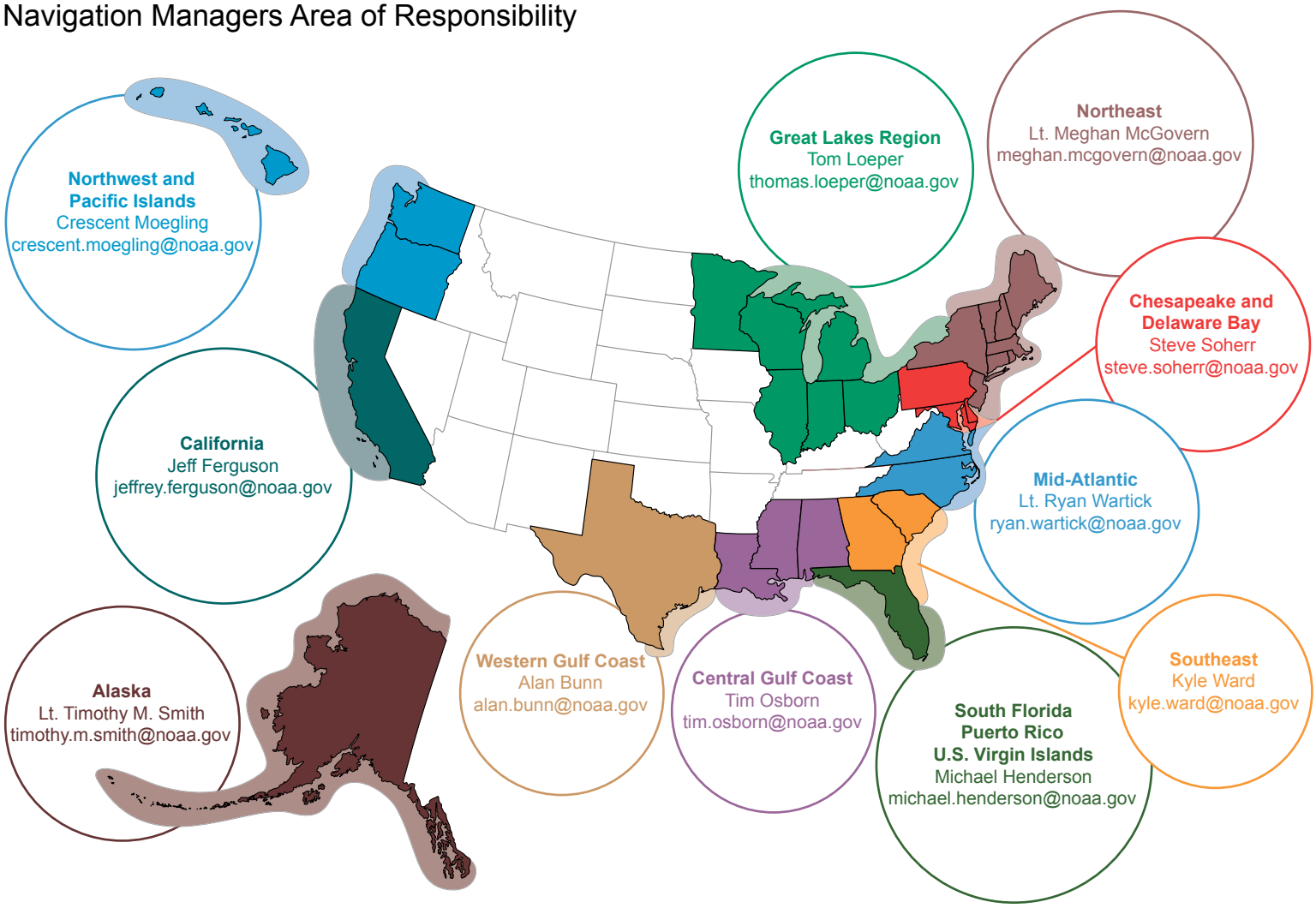


(Selected Excerpts from Coast Pilot)
Elson Lagoon extends from Point Barrow to **Christie Point**, on the mainland 21 miles to the SE. The lagoon is 2 to 5 miles wide and has depths of 8 to 11 feet. Between the lagoon and Beaufort Sea are the barrier **Plover Islands,** which are low and difficult to distinguish except in periods of good visibility. The islands and the mainland are barren stretches as viewed from offshore and are covered by snow and ice most of the year.
Eluitkak Pass, the most W entrance to Elson Lagoon, is between tiny **Doctor Island** and the spit that extends 2.5 miles SE from Point Barrow; depths in the pass equal or exceed those in the lagoon. **Deadmans Island** and **Tapkaluk Islands** are SE of Doctor Island.
Ekilukruak Entrance, 15 miles SE of Point Barrow, is between Tapkaluk Island and **Cooper Island**, 4 miles to the SE; the passage into Elson Lagoon has depths of 5 to 7 feet. Cooper Island is one of the largest of the Plovers and is midway along the chain.
Sanigaruak Pass (71°11.5'N., 155°23.5'W.), 24 miles SE of Point Barrow, is a narrow and poorly defined channel through the Plover Islands at the W end of **Sanigaruak Island**; the controlling depth is about 6 feet into Elson Lagoon. **Igalik Island**, last major island of the Plover group, is between Sanigaruak Island and Tangent Point to the SE.
Dease Inlet, behind the SE Plover Islands, is 10 miles wide between Christie Point and Tangent Point and extends inland about 20 miles. The inlet has depths of 8 to 10 feet except for the shallows near the beaches. The principal entrances are from Elson Lagoon and Sanigaruak Pass. **Tiny Island** and **Oarlock Island**, known as the **Kikiktak Islands**, are 10 to 15 miles up Dease Inlet from Christie Point; on Tiny Island is a small freshwater lake. **Admiralty Bay**, at the head of Dease Inlet, has depths and bottom similar to the outer part of the inlet; several rivers empty into the bay.
Tangent Point (71°08.8'N., 155°05.8'W.), 30 miles SE of Point Barrow, is the low, flat, tundra promontory on the E side of the entrance to Dease Inlet. There is a shallow entrance channel between the point and the islands to the NW.
The islands along the coast from Tangent Point to the SE end of Fatigue Bay are low sand barriers separated from the mainland by mud flats and shallow lagoons. These rapidly changing islands have steep beaches on their seaward sides, with depths of 8 feet or more only 100 yards off. Deep channels open and close through the islands during summer storms.
Fatigue Bay (McKay Inlet) extends SE for about 6.5 miles from Tangent Point. The SE part of the bay, S of Tulimanik Island, is the only shelter for small boats between Tangent Point and Cape Simpson. This shelter, however, is extremely limited because of the shallowness of the lagoons behind the islands. Remarks concerning frequent changes in channels are particularly applicable to the SE part of Fatigue Bay.
The bluffs along the coast from near the SE end of Fatigue Bay to Cape Simpson vary in height from 4 to 15 feet; the land behind is marshy and has numerous lakes. Launches may proceed safely along this stretch of coast at a distance of about 100 yards.
Cape Simpson (70°59.4'N., 154°34.0'W.), is a low promontory 14 miles SE of Tangent Point. There are shoals and sandbars near the cape but no shelter for small boats.
Smith Bay, between Cape Simpson and Drew Point, 14 miles to the SE, extends 8 miles back of the entrance points and has general depths of 3 to 10 feet. Along the W shore of the bay, rapid erosion of the 10- to 20-foot bluffs has caused shoaling, and launches drawing 3 to 4 feet must stay 0.2 to 0.5 mile off, but there is still some protection from W weather.
The delta of **Ikpikpuk River**, which empties into the head of Smith Bay, is building out steadily. Extensive shoals are forming as much as 3 miles out, and the 3-foot curve is 1 to 2 miles off the delta. The SE side of the bay is very shallow; the 3-foot curve is 2 to 3 miles offshore.
Along the E side of Smith Bay are intermittent bluffs. The only possible landing place for small craft is on **Drew Point**, at the entrance. Boats drawing less than 2½ feet can anchor S of the sandspit at the point.

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 Managers Area of Responsibility

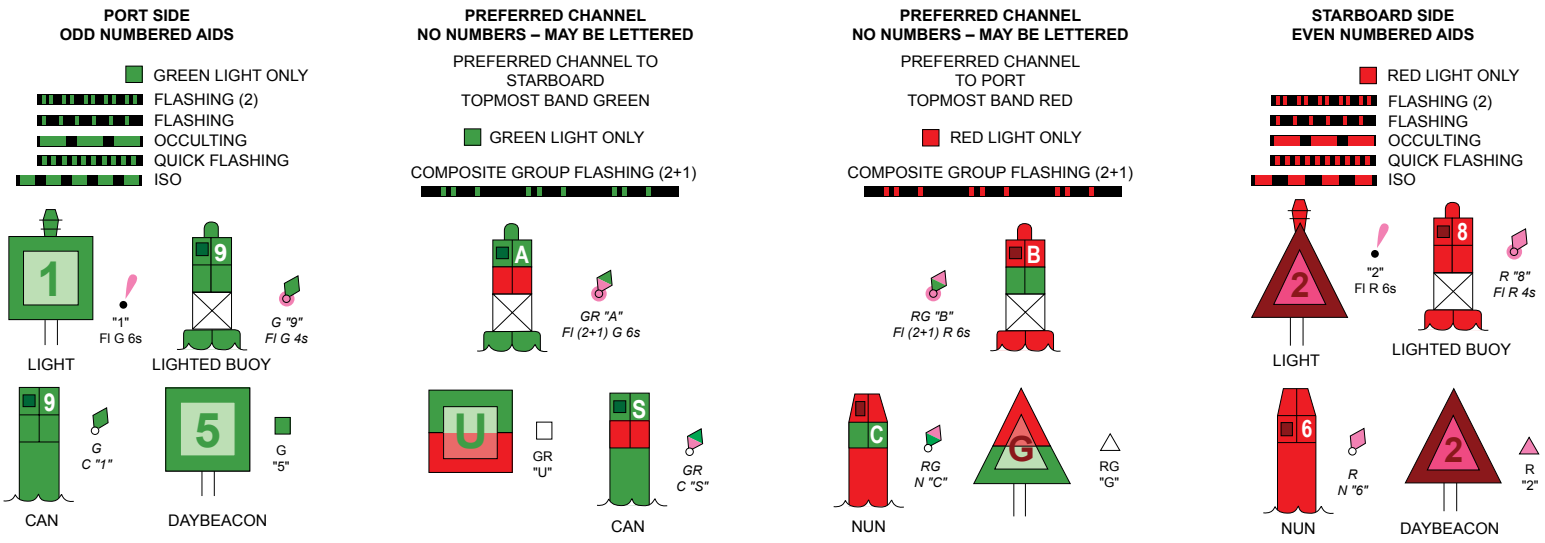


NOAA's navigation managers serve as ambassadors to the maritime community. They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit *nauticalcharts.noaa.gov/service/navmanagers*

To make suggestions or ask questions online, go to *nauticalcharts.noaa.gov/inquiry*.
To report a chart discrepancy, please use *ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx*.

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*

SOUNDINGS IN FEET

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

16081

10' 05' 156° 55'

71° 25'

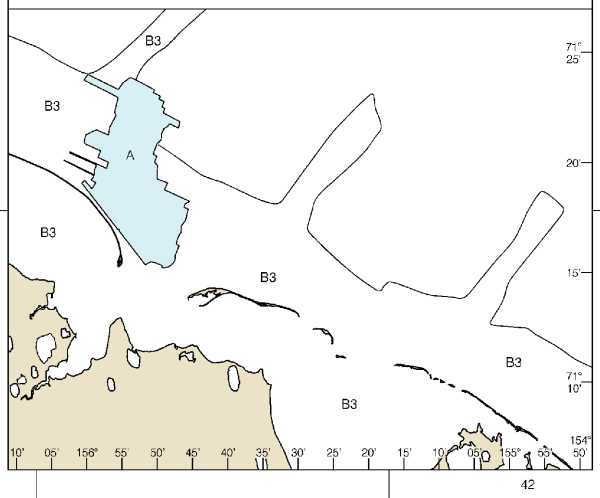
20'

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE

A	1990 - Present	NOS Surveys	full bottom coverage
B3	1940 - 1969	NOS Surveys	partial bottom coverage



18 PA

34 PA

THREE NAUTICAL MILE LINE (see note X)

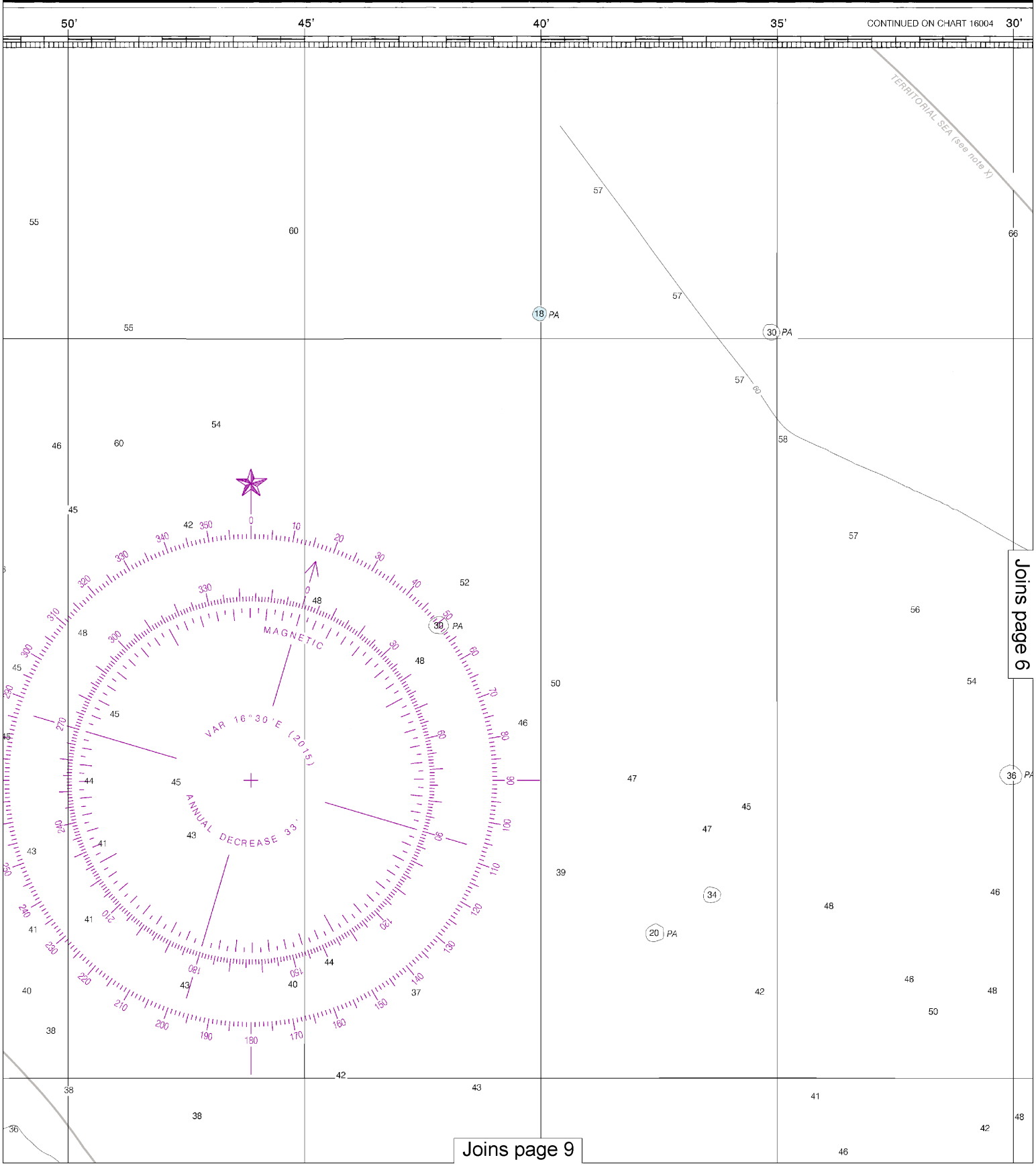
P L O V E R 22

Joins page 8

4

Note: Chart grid lines are aligned with true north.

50' 45' 40' 35' CONTINUED ON CHART 16004 30'



Joins page 6

Joins page 9

This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:64198. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

S 9485, 1st Ed., Apr. 1955 D-1955-862 KAPP 2433

30' 25' 20' 15' 10'

SCALE 1:48,149

Nautical Miles

1 ½ 0 1 2 3 4

Yards

1000 0 1000 2000 3000 4000 5000 6000

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

NOTE H

Charted depths may vary up to 3 feet (½ fathom) due to the transient nature of ice scours in the area.

72° 70° 68°

72

66

30 PA

63 62 62 54

36 PA 57 59 24 PA 60 30 PA

52 54 60 6

50 52 51 52 49 48 48

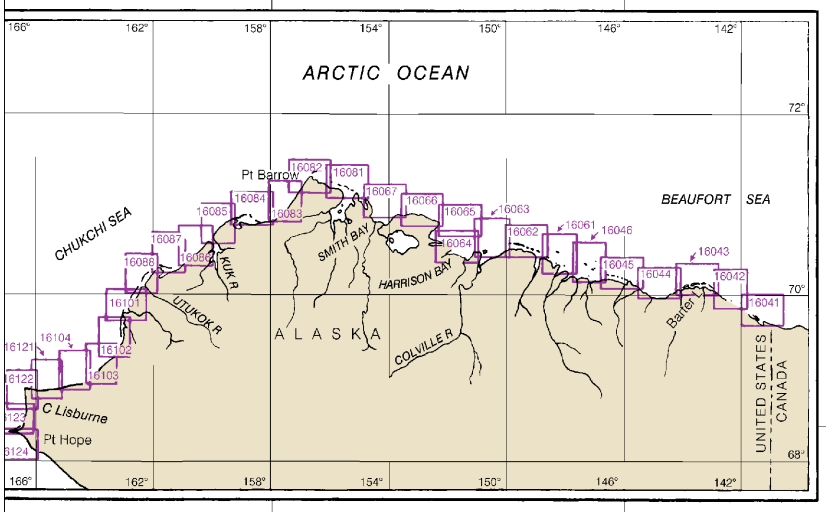
54

Joins page 5

Joins page 10

6

Note: Chart grid lines are aligned with true north.



155° 05' 55' 154° 50'

71° 25'

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

Mariners are advised that in the shallow waters of the Beaufort Sea, water levels are strongly influenced by meteorological conditions. Strong offshore winds can produce water depths up to 0.8 meters (2.6 feet) less than those shown on this chart.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

SUBSISTENCE WHALING IN THE BEAUFORT SEA

Mariners should be aware that Alaskan Natives engage in subsistence whaling in the Beaufort Sea from August 15 to October 31. Vessel operators are requested to contact the Alaska Eskimo Whaling Commission at (907) 852-2392, or aewcdir@barrow.com prior to entering this area for information about the location and avoidance of traditional Native hunting parties.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Barrow, AK	KZZ-53	162.550 MHz

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.

Refer to charted regulation section numbers.

84 72 60 66 69 63 69 62

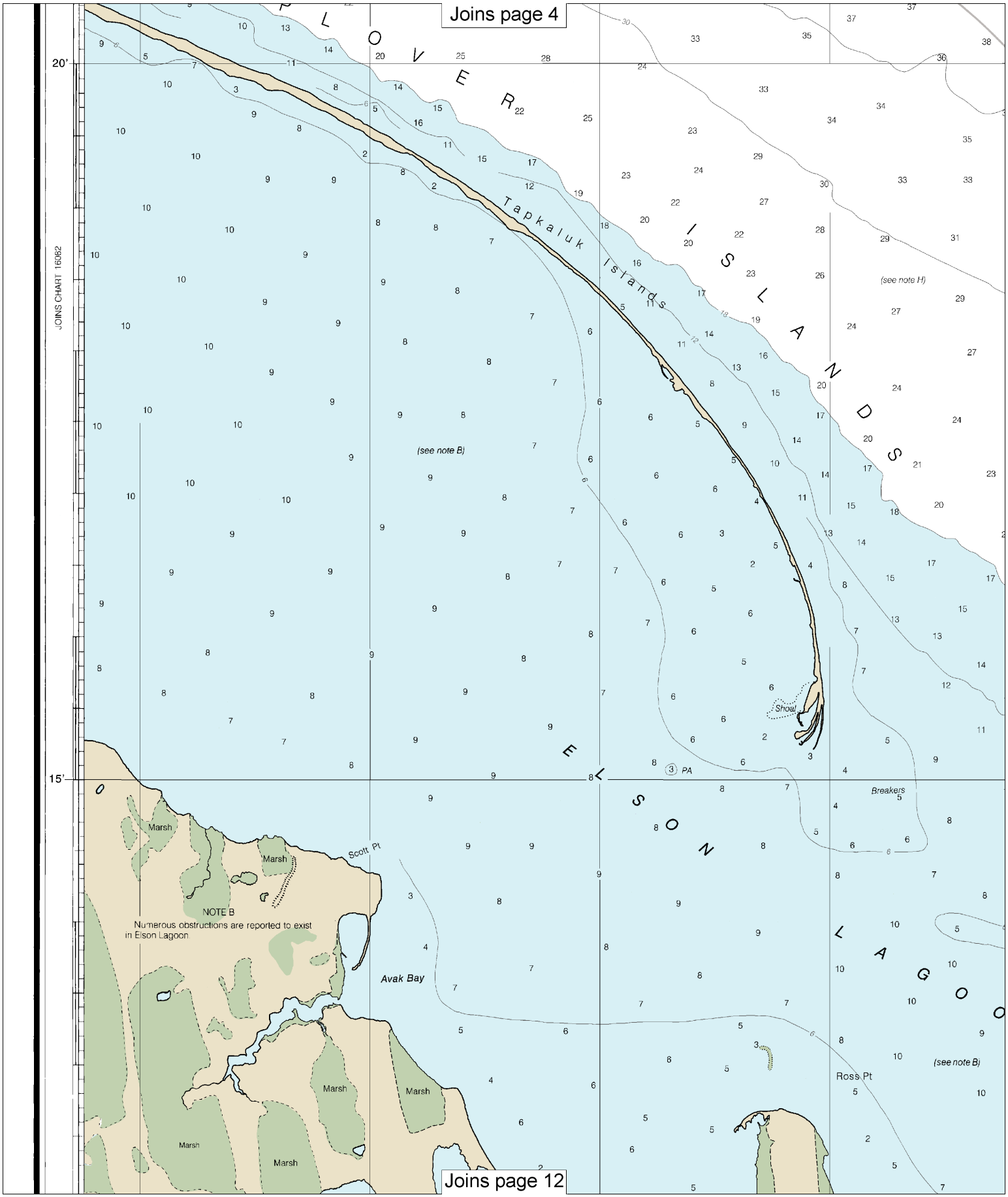
48 PA 48 PA 34 PA

TERRITORIAL SEA (see note X)

CONTINUED ON CHART 16004

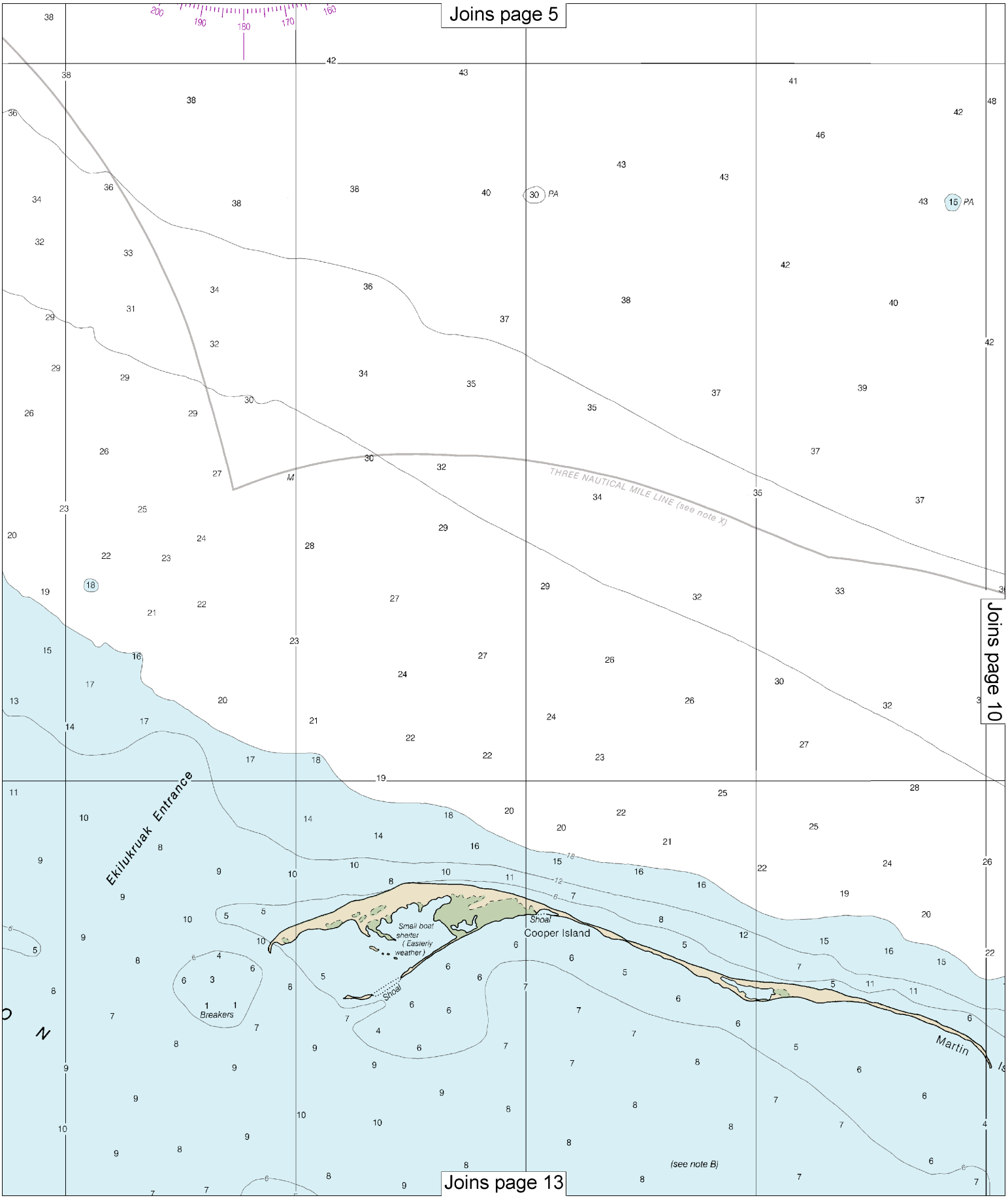
Joins page 11

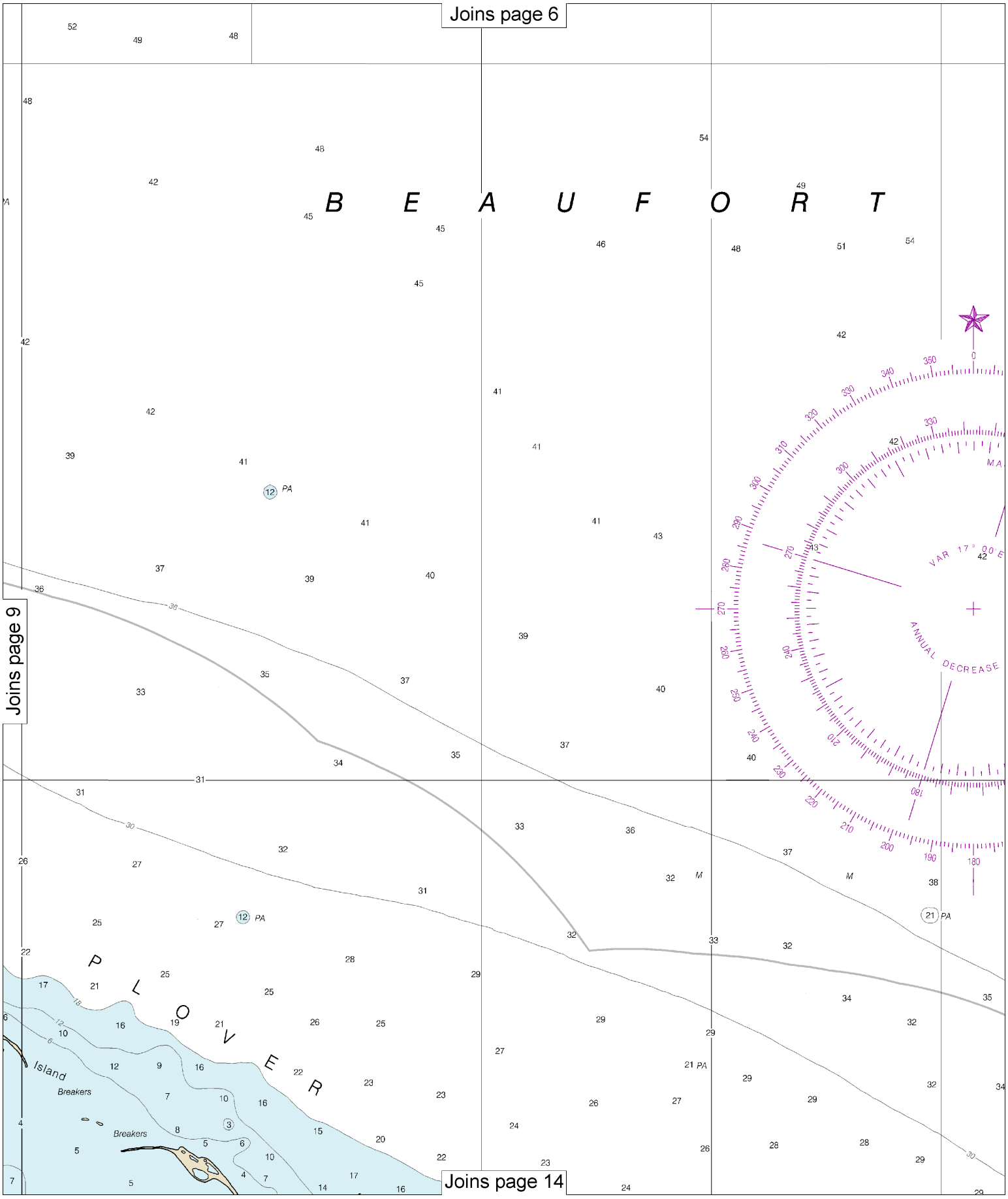
Last Correction: 11/22/2016. Cleared through:
LNM: 4616 (11/15/2016), NM: 4616 (11/12/2016), CHS: 1016 (10/28/2016)



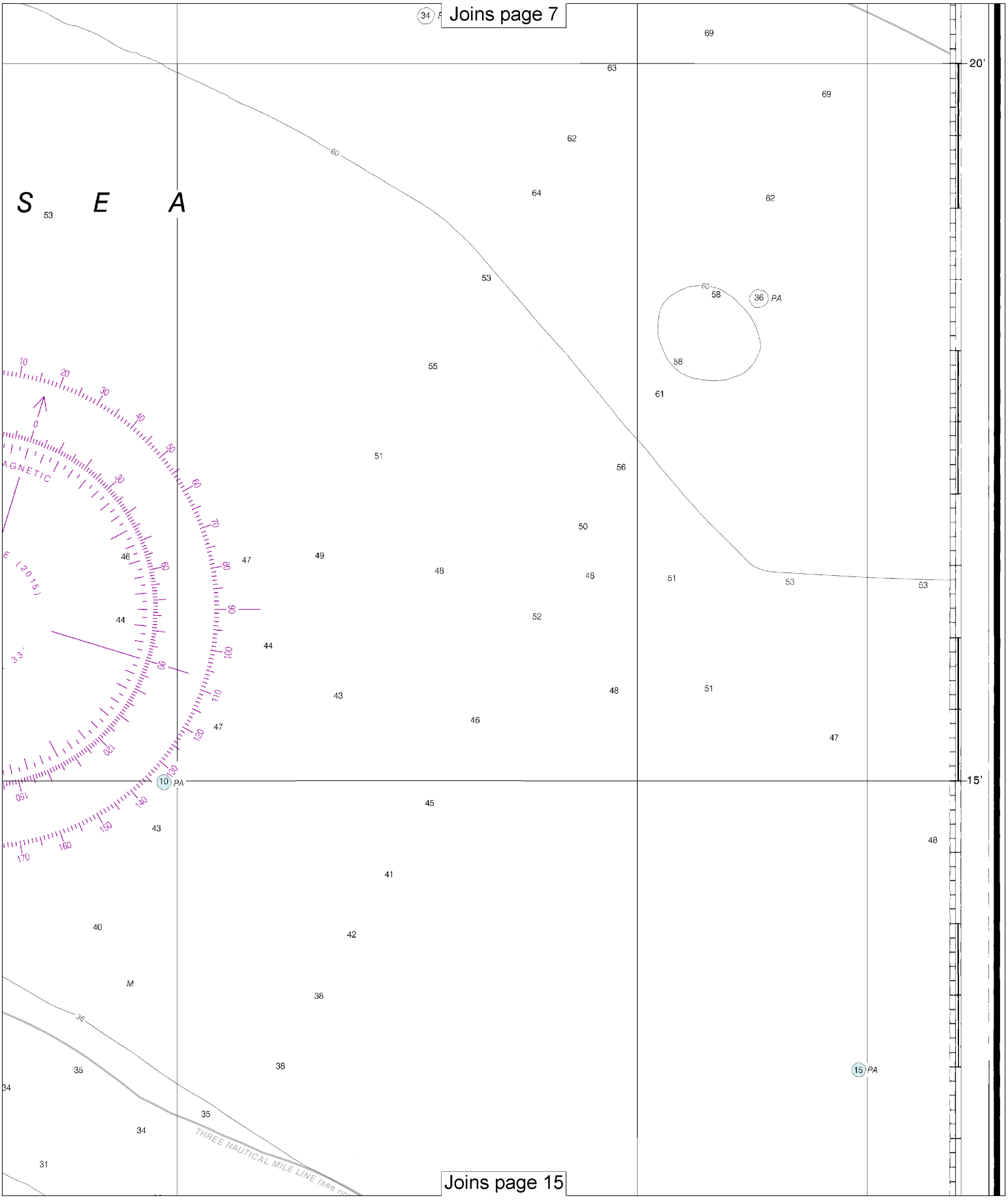
8

Note: Chart grid lines are aligned with true north.

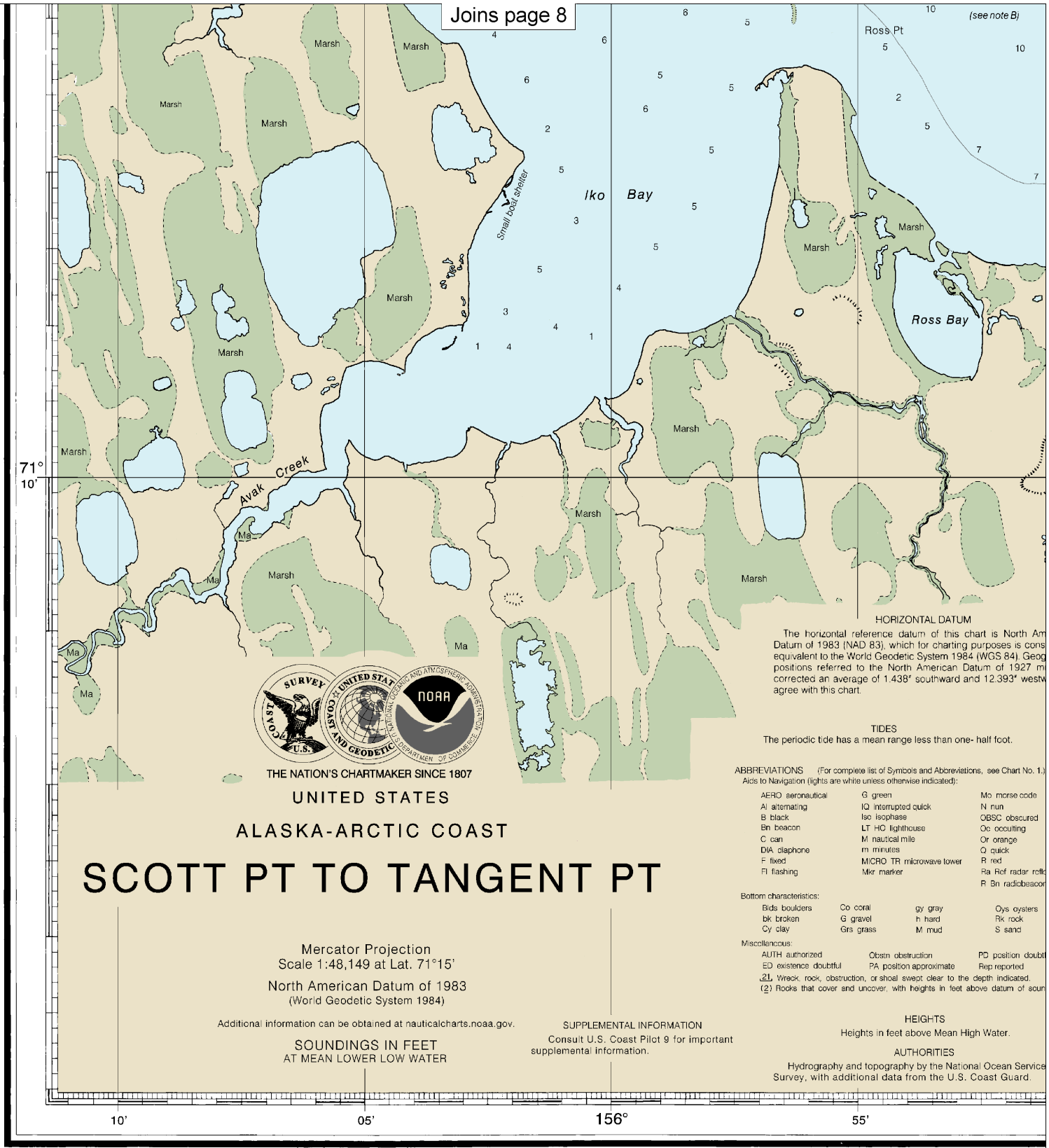

Joins page 5
Joins page 10
Joins page 13
THREE NAUTICAL MILE LINE (see note X)
Ekilukruak Entrance
Small boat shelter (Easterly weather)
Shoal
Cooper Island
Shoal
Breakers
Martin
(see note B)
30 PA
15 PA
18



Note: Chart grid lines are aligned with true north.


Joins page 7
S E A
20'
15'
36 PA
10 PA
15 PA
THREE NAUTICAL MILE LINE (see note)
Joins page 15

Joins page 8



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

ALASKA-ARCTIC COAST

SCOTT PT TO TANGENT PT

Mercator Projection
Scale 1:48,149 at Lat. 71°15'

North American Datum of 1983
(World Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 9 for important supplemental information.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North Am Datum of 1983 (NAD 83), which for charting purposes is cons equivalent to the World Geodetic System 1984 (WGS 84). Geog positions referred to the North American Datum of 1927 m corrected an average of 1.438″ southward and 12.393″ westw agree with this chart.

TIDES

The periodic tide has a mean range less than one- half foot.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code
Al alternating	IQ interrupted quick	N nun
B black	Iso isophase	OBSC obscured
Bn beacon	LT HO lighthouse	Oc occulting
C can	M nautical mile	Or orange
DIA diaphone	m minutes	Q quick
F fixed	MICRO TR microwave tower	R red
Fl flashing	Mkr marker	Ra Ref radar refle
		R Bn radiobeacon

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters
bk broken	G gravel	h hard	Rk rock
Cy clay	Grs grass	M mud	S sand

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtf
ED existence doubtful	PA position approximate	Rep reported

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soun

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service Survey, with additional data from the U.S. Coast Guard.

8th Ed., Jan. 2015

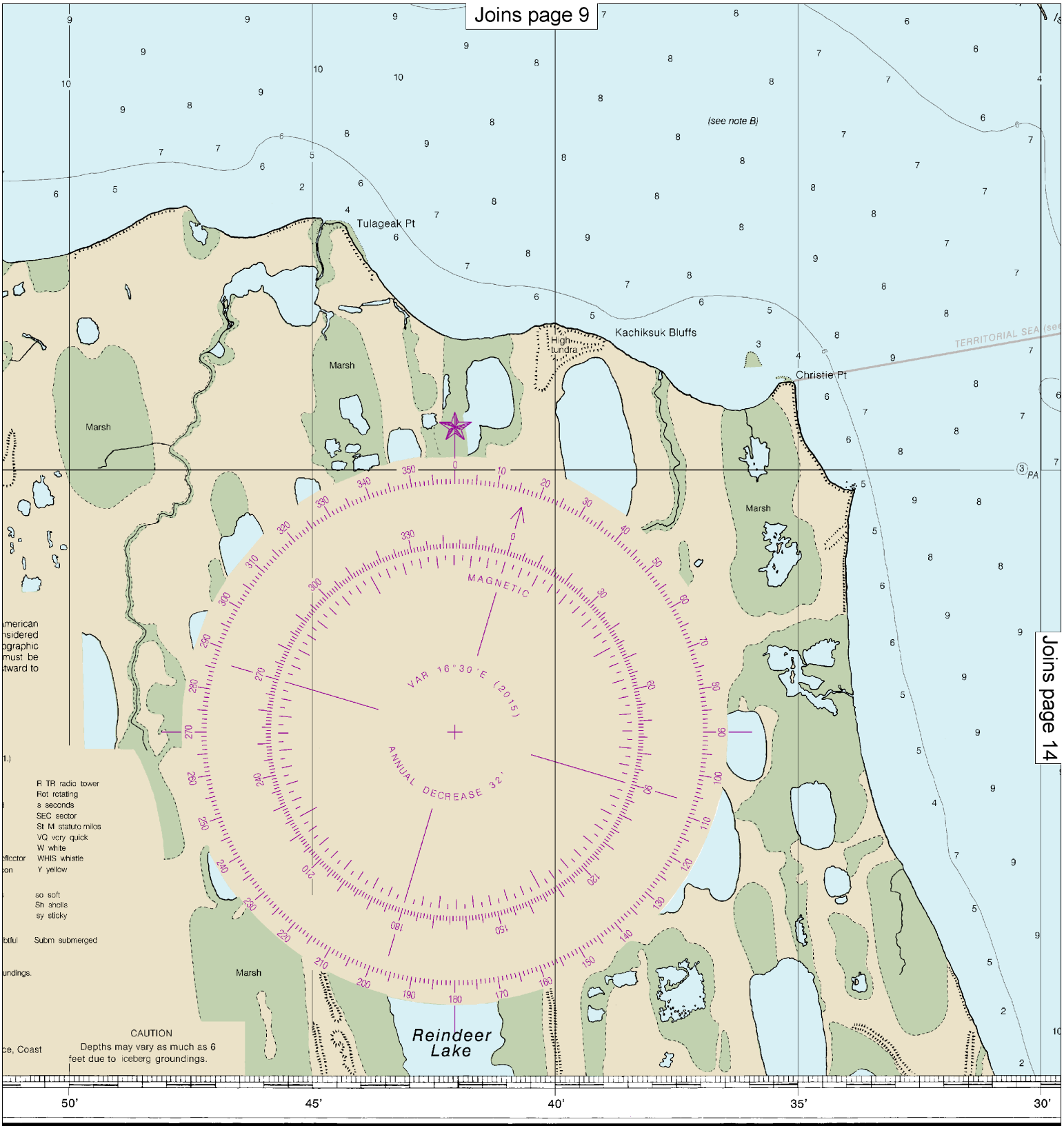
16081

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

Last Correction: 11/22/2016. Cleared through:
LNM: 4616 (11/15/2016), NM: 4616 (11/12/2016), CHS: 1016 (10/28/2016)

Note: Chart grid lines are aligned with true north.



SCALE 1:48,149

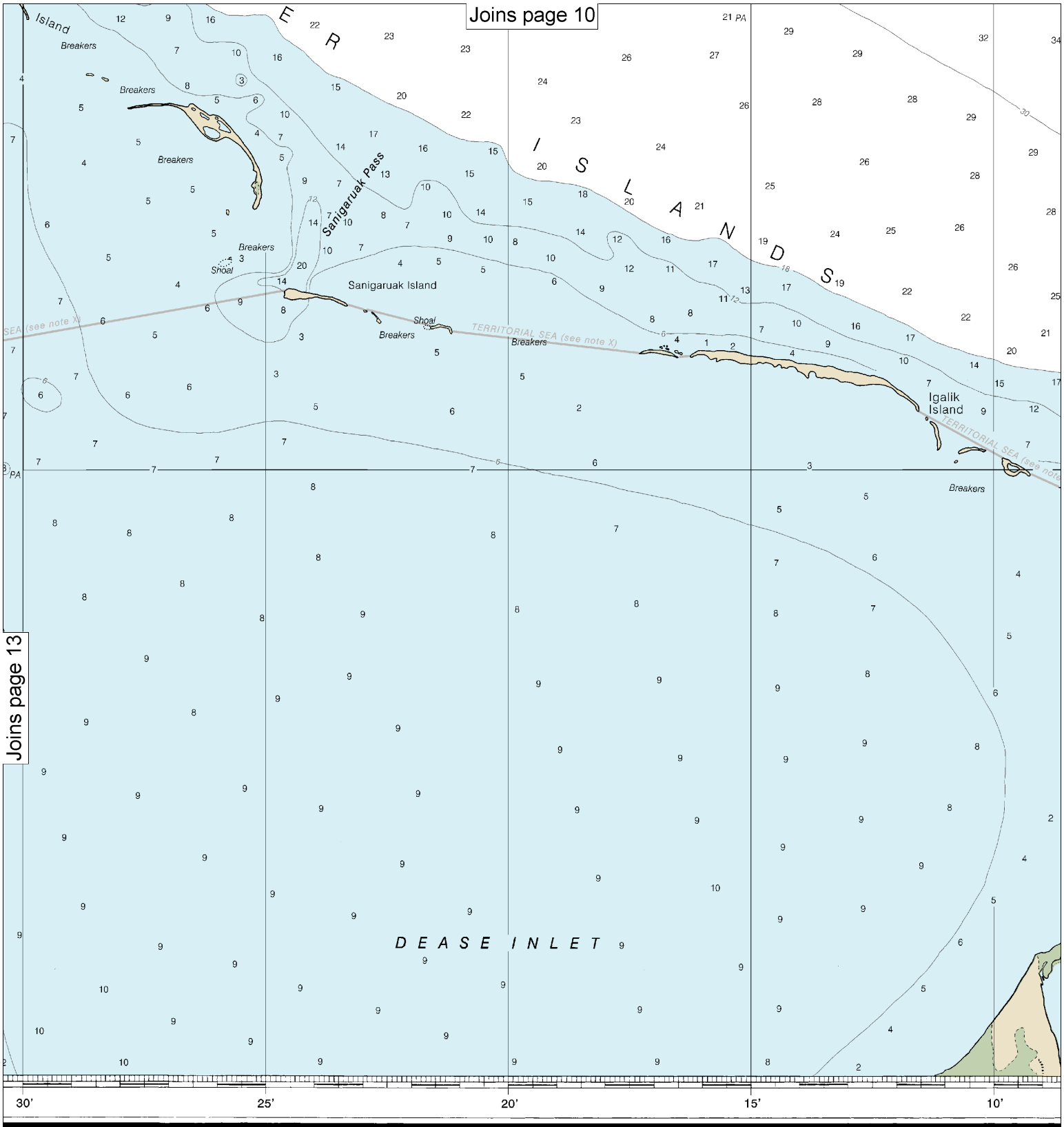
Nautical Miles

1 ½ 0 1 2 3 4

Yards

1000 0 1000 2000 3000 4000 5000 6000

Published at Was
U.S. DEPARTMENT
NATIONAL OCEANIC AND ATM
NATIONAL OCE
COAST S

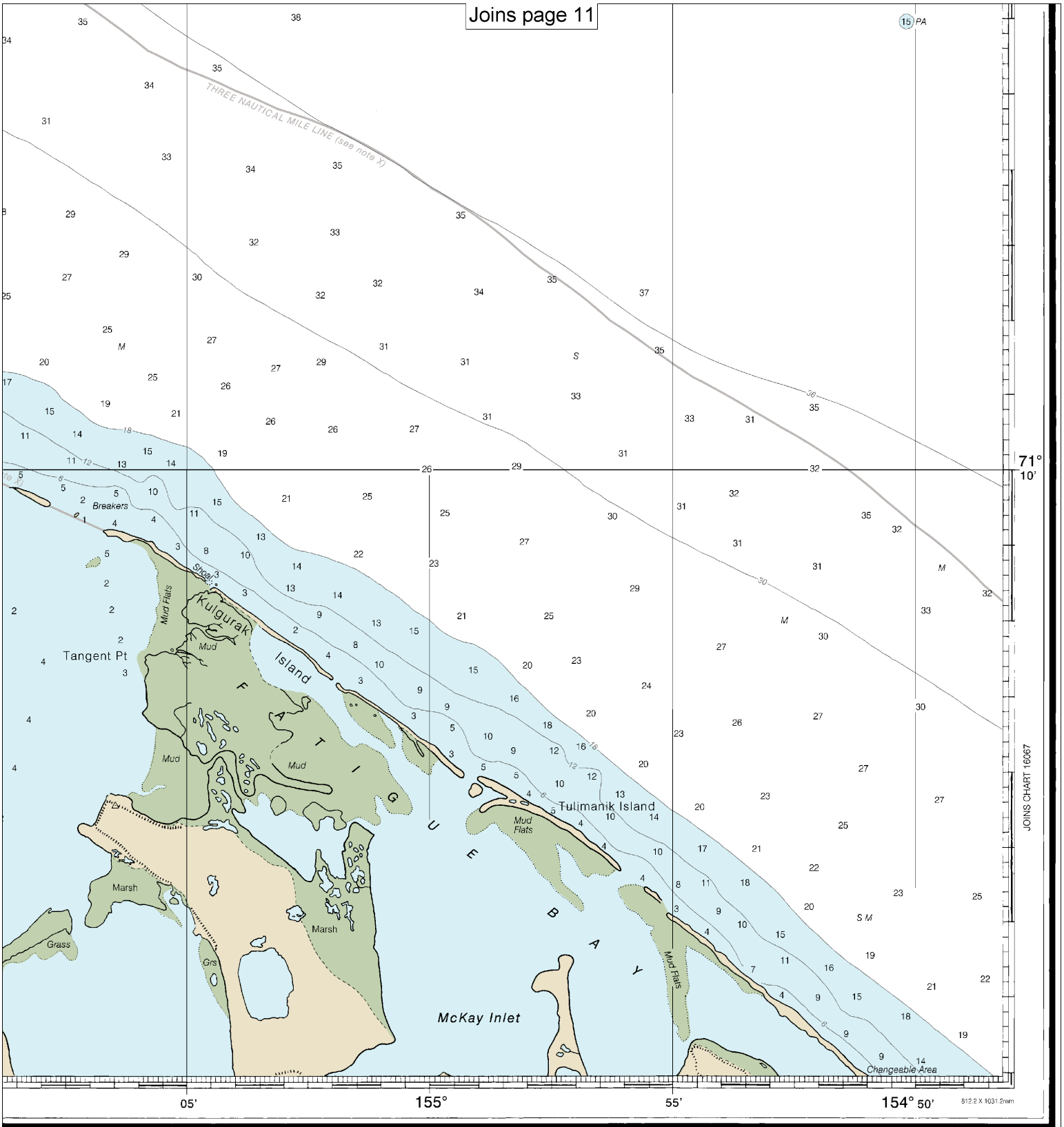


d at Washington, D.C.
TMENT OF COMMERCE
ND ATMOSPHERIC ADMINISTRATION
AL OCEAN SERVICE
OAST SURVEY

SOUNDINGS IN FEET

FATHOMS	
FEET	
METERS	1

Note: Chart grid lines are aligned with true north.



Scott Pt to Tangent Pt

SOUNDINGS IN FEET - SCALE 1:48,149

16081

15

EMERGENCY INFORMATION

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!

All Hazards NOAA Weather Radio NOAA's National Weather Service

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://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx**
Chart and chart related inquiries and comments	—	**http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs**
Chart updates (LNM and NM corrections)	—	**http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html**
Coast Pilot online	—	**http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm**
Tides and Currents	—	**http://tidesandcurrents.noaa.gov**
Marine Forecasts	—	**http://www.nws.noaa.gov/om/marine/home.htm**
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/**
National Hurrican Center	—	**http://www.nhc.noaa.gov/**
Pacific Tsunami Warning Center	—	**http://ptwc.weather.gov/**
Contact Us	—	**http://www.nauticalcharts.noaa.gov/staff/contact.htm**

twitter —— For the latest news from Coast Survey, follow **@NOAAcharts**

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.

NOAA's Office of Coast Survey The Nation's Chartmaker