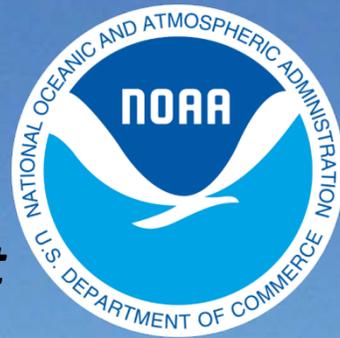


BookletChart™

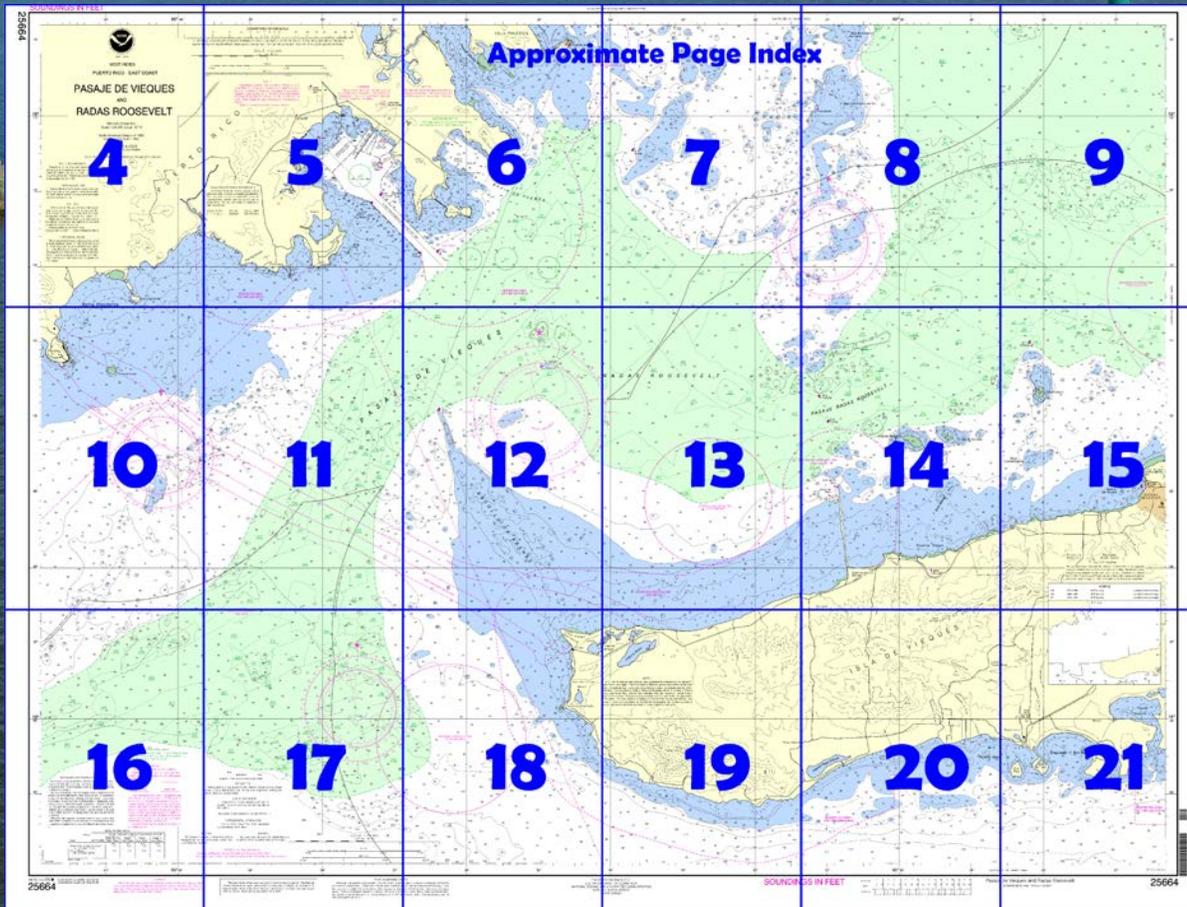


Pasaje de Vieques and Radas Roosevelt NOAA Chart 25664

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.

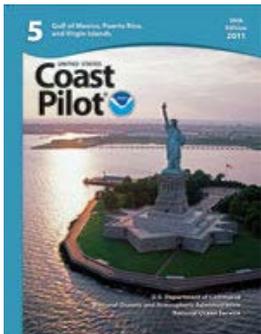
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

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=25664>.



(Selected Excerpts from Coast Pilot)

Isla de Vieques, 6 miles off the nearest point of the E coast of Puerto Rico, forms the S side of Sonda de Vieques. It is 18 miles long E and W and 3.5 miles wide near its middle.

Boats carrying supplies and passengers dock at Isabel Segunda on Bahia de Mulas on the N coast. When the trade wind is N or E a heavy surf runs and landing is difficult on the open N coast.

Naval restricted areas extend 1,500 yards offshore around the W part of the island. (See **334.1480**, chapter 2, for limits and regulations.) In 2009, it was reported that this area is no longer used for Naval weapons practices.

Explosives anchorages are off the N and W coasts of the island. (See **110.1** and **110.245**, chapter 2, for limits and regulations.) In 2009, it was reported this area is no longer used for Naval weapons practices.

Pasaje de Vieques is the strait lying between Puerto Rico and Isla de Vieques. **Radas Roosevelt** is the open-water portion of the passage lying within the shoals and banks N of the W end of Isla de Vieques and between that island and Puerto Rico. The current velocity is about 0.7 knot in the passage and floods SW and ebbs NE.

Punta Arenas, at the NW end of Isla de Vieques, is low and covered with a scrubby growth, with a white spit at its end. The point changes shape continually; at times the outer coconut trees are in the water. At the W end of Isla de Vieques, S of Punta Arenas, there is a smooth anchorage with E winds but exposed to the S and W.

Escollo de Arenas is a continuation NW of a shoal which fringes the N side of Isla de Vieques to a distance of about 1 mile and extends E nearly to Punta Mulas. The W edge of the shoaler part of the bank extends 3.3 miles NNW from Punta Arenas to its outer end, where it is marked by a lighted buoy. Spots with depths of 5 feet are on the bank for 0.8 mile N of Punta Arenas, and thence to the lighted buoy, the bank is steep-to with about 40 feet on each side. The bank sometimes shows by discolored water and rips.

A 1.2 mile causeway extends from shore at **Desembarcadero Mosquito**, 3.9 miles E of Punta Arenas. A pier extends from the W side of the causeway 350 yards from the seaward end. The causeway and pier are marked at the outer ends by Navy-maintained lights. In 1965, a depth of 37 feet was available on either side of the pier; however, there are spots with lesser depths in the approaches, and the chart is the best guide.

Caballo Blanco, a low grassy islet, marked by a light, is 1.7 miles NW of Punta Mulas. Several shoals surround the islet, the outer of which are 0.6 mile N and 0.2 mile S. **Bajo Comandante**, a shoal about 600 yards in extent with a least depth of 7 feet, lies about midway between Caballo Blanco and the shore. There are spots with a least depth of 23 feet in the channel between Caballo Blanco and Bajo Comandante.

Bahia de Mulas, 8 miles E of Punta Arenas and 10 miles W of Punta Este, is an open bight on the N coast of Isla de Vieques. **Isabel Segunda** (P.O. Vieques), the principal town on the island, is on the SE side of the bay.

Punta Mulas Light (18°09'18"N., 65°26'36"W.), 68 feet above the water, is shown from a 32-foot white octagonal tower on a dwelling on a low bluff point on the NE side of the bay. An old Spanish brick fort and building is prominent on a hill 0.5 mile SE of the light. A depth of 12 feet can be taken to the 300-foot pier on the E side of the bay. Depths of 4 to 12 feet are along the pier.

The approach to Bahia de Mulas is obstructed by numerous unmarked shoals with depths of 5 to 30 feet. The chart is the best guide.

A **danger area** of a bombing and target area is off the NE and SE coasts of Isla de Vieques. (See **334.1470**, chapter 2, for limits and regulations.) The NE corner and the W boundaries of the N and S parts of the area are marked by buoys. In 2003, the Navy ceased all active gunnery, bombing, and weapons training activity within the danger area. Unexploded ordinance remains present a hazard; extreme caution is advised. Schedules of all operations by the U.S. Marine Corps and the Navy on Isla de Vieques and vicinity are promulgated weekly and distributed to local authorities on Isla de Culebra, Isla de Vieques, and Fajardo by the Commanding Officer, Atlantic Fleet Weapons Training Facility, Roosevelt Roads, PR.

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

RCC New Orleans

Commander

8th CG District

New Orleans, LA

(504) 589-6225

Table of Selected Chart Notes

HEIGHTS 300
Heights in feet above Mean High Water.

NOTE B
Mariners are cautioned against anchoring, dredging or trawling in this area due to the possible existence of unexploded ordnance.

For Symbols and Abbreviations see Chart No. 1

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

ANCHORAGE BERTHS
The large green circles are for convenience of assigning vessels to berthing areas.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

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).

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.

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

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.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide 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.

San Juan, P.R.	WXJ-69	162.400 MHz
St. Thomas, V.I.	WXM-96	162.475 MHz

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the Puerto Rico Datum must be corrected an average of 7.145" southward and 1.423" eastward to agree with this chart.

CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus:
○ (Accurate location) ◌ (Approximate location)

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling. Covered wells may be marked by lighted or unlighted buoys.

WIRE-DRAGGED AREAS
The area tinted green was swept in 1922 through 1964 for previously undetected dangers to navigation. All dangers found are shown on this chart.

HURRICANES AND TROPICAL STORMS
Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations. Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved. Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. 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, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida. Refer to charted regulation section numbers.

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.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

COLREGS, 80.738a (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 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 of 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.

TIDAL INFORMATION

PLACE	Height referred to datum of soundings (MLLW)	Height referred to datum of soundings (MLLW)		
		Mean Higher High Water	Mean High Water	Mean Low Water
NAME	(LAT/LONG)	feet	feet	feet
Punta Mulás	(18°09'N/65°26'W)	1.1	0.9	0.1
Ensenada Honda	(18°18'N/65°17'W)	1.0	0.8	0.1

Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from <http://tidesandcurrents.noaa.gov>. (Oct2011)



THE NATION'S CHARTMAKER SINCE 1807

WEST INDIES
PUERTO RICO - EAST COAST

PASAJE DE VIEQUES
AND
RADAS ROOSEVELT

Mercator Projection
Scale 1:25,000 at Lat 18° 10'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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

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).

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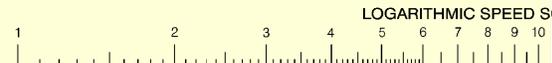
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○ (Accurate location) ◦ (Approximate location)

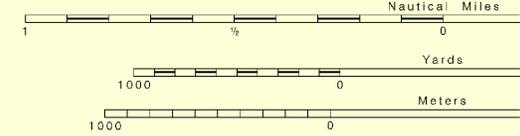
HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the Puerto Rico Datum must be corrected an average of 7.145" southward and 1.423" eastward to agree with this chart.



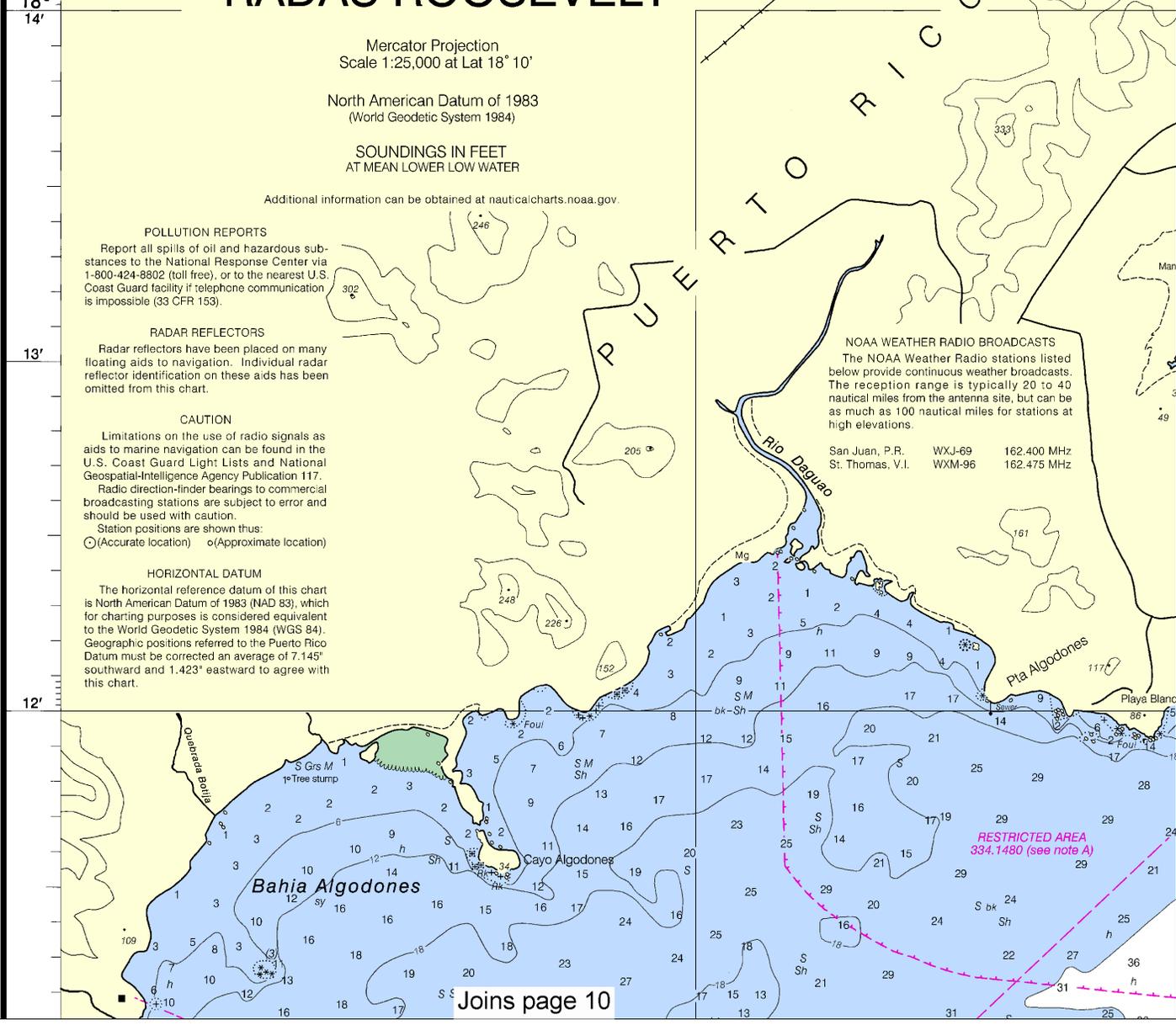
To find SPEED, place one point of dividers on distance run (in any unit) and the other right point on 60 and left point will then indicate speed in units per hour. Example: with

SCALE 1:25,000



NOTE A

Navigation regulations are published in Coast Pilot 5. Additions or revisions to Charted Regulations may be obtained at the Office of the 7th Coast Guard District in Miami, Florida or the District Engineer, Corps of Engineers, Florida. Refer to charted regulation section number.



NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide 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.

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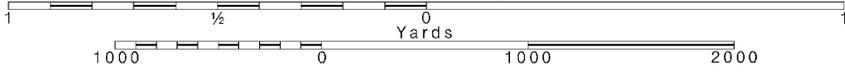
RESTRICTED AREA
334.1480 (see note A)

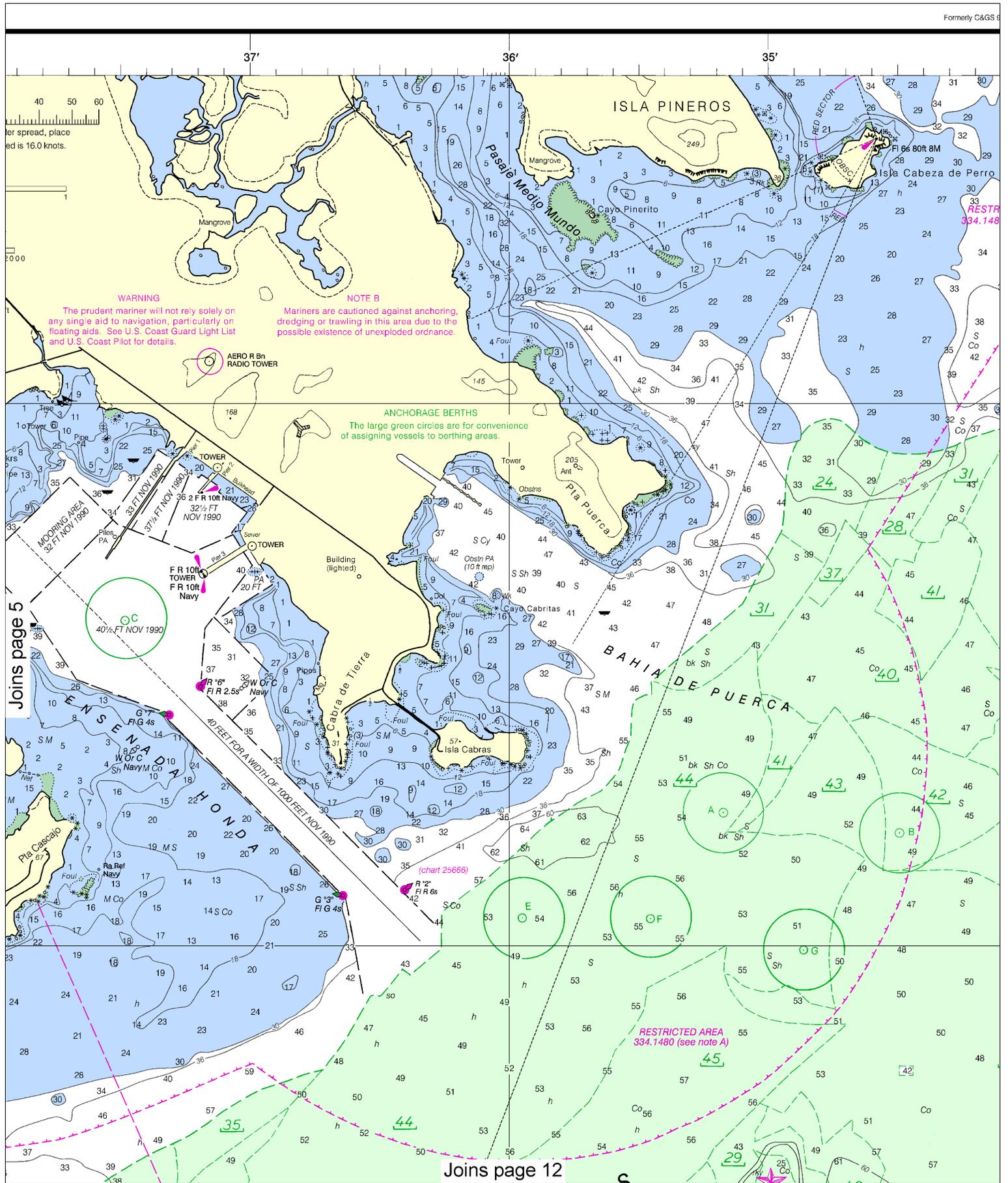
Joins page 10

4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000 See Note on page 5.





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.

NOTE B
Mariners are cautioned against anchoring, dredging or trawling in this area due to the possible existence of unexploded ordnance.

ANCHORAGE BERTHS
The large green circles are for convenience of assigning vessels to berthing areas.

RESTRICTED AREA 334.1480 (see note A)

Joins page 5

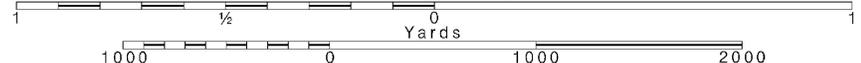
Joins page 12

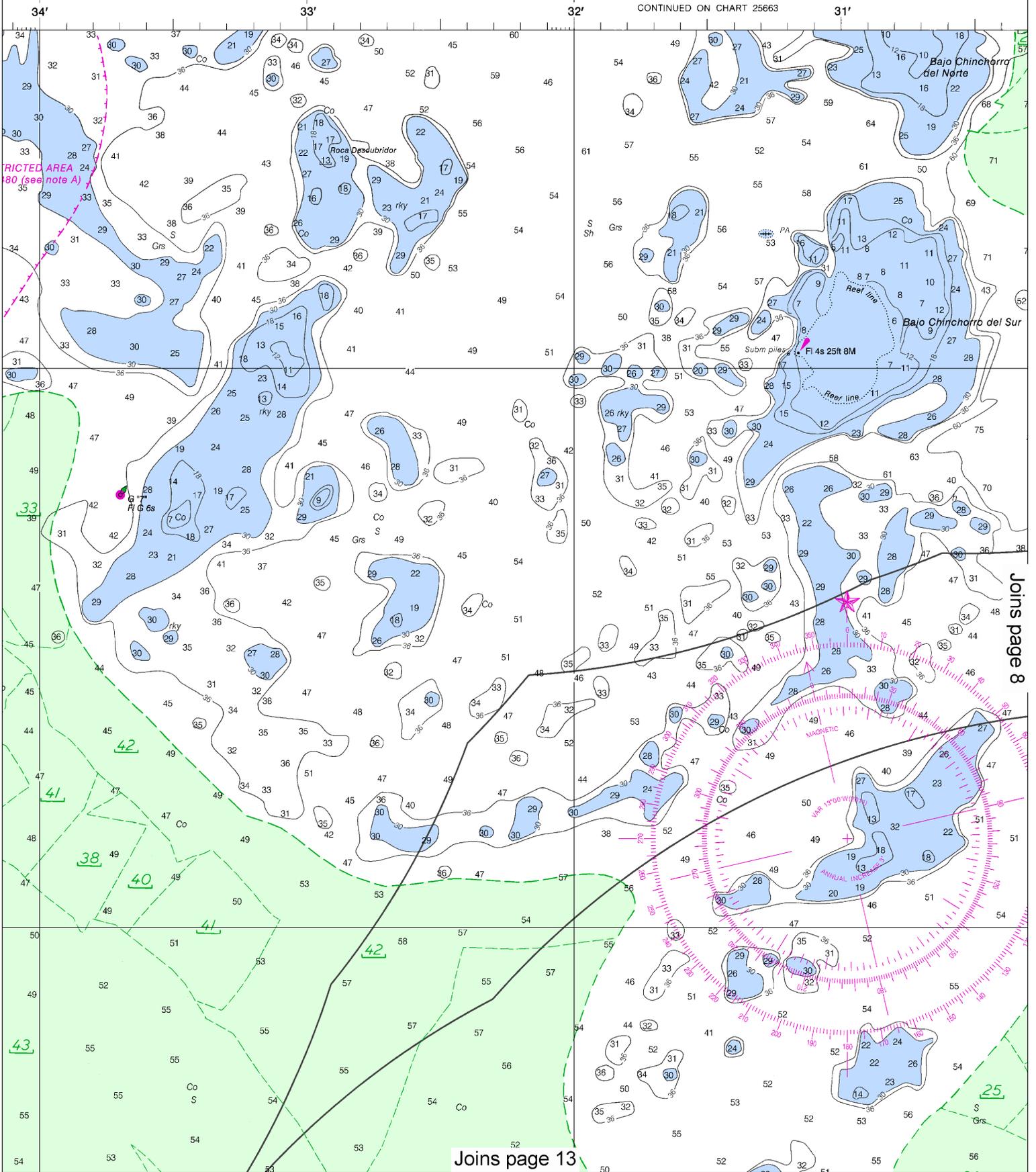
6

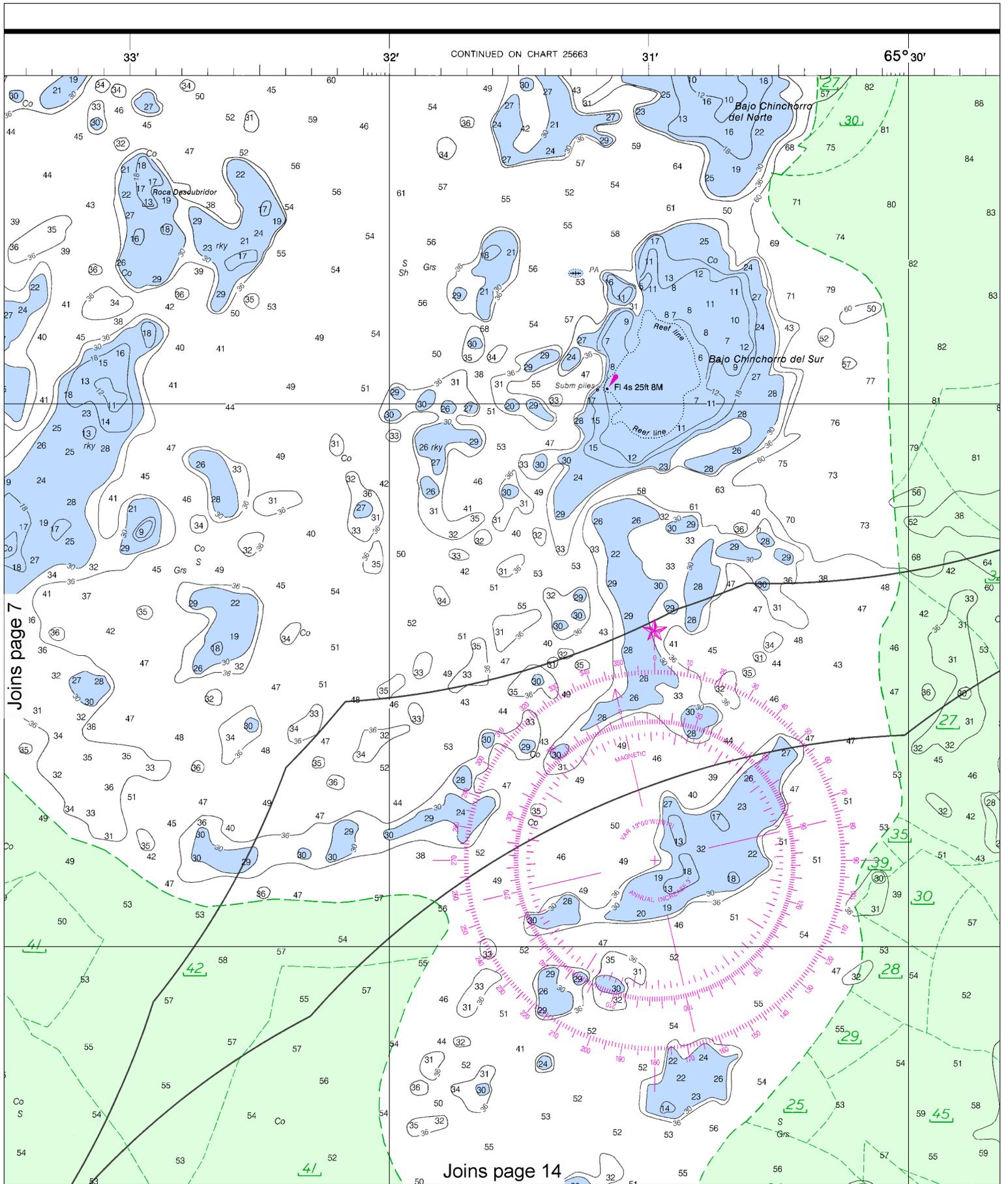
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000

See Note on page 5.

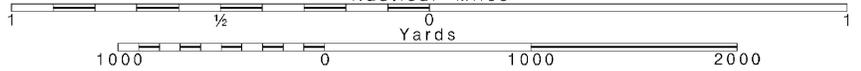


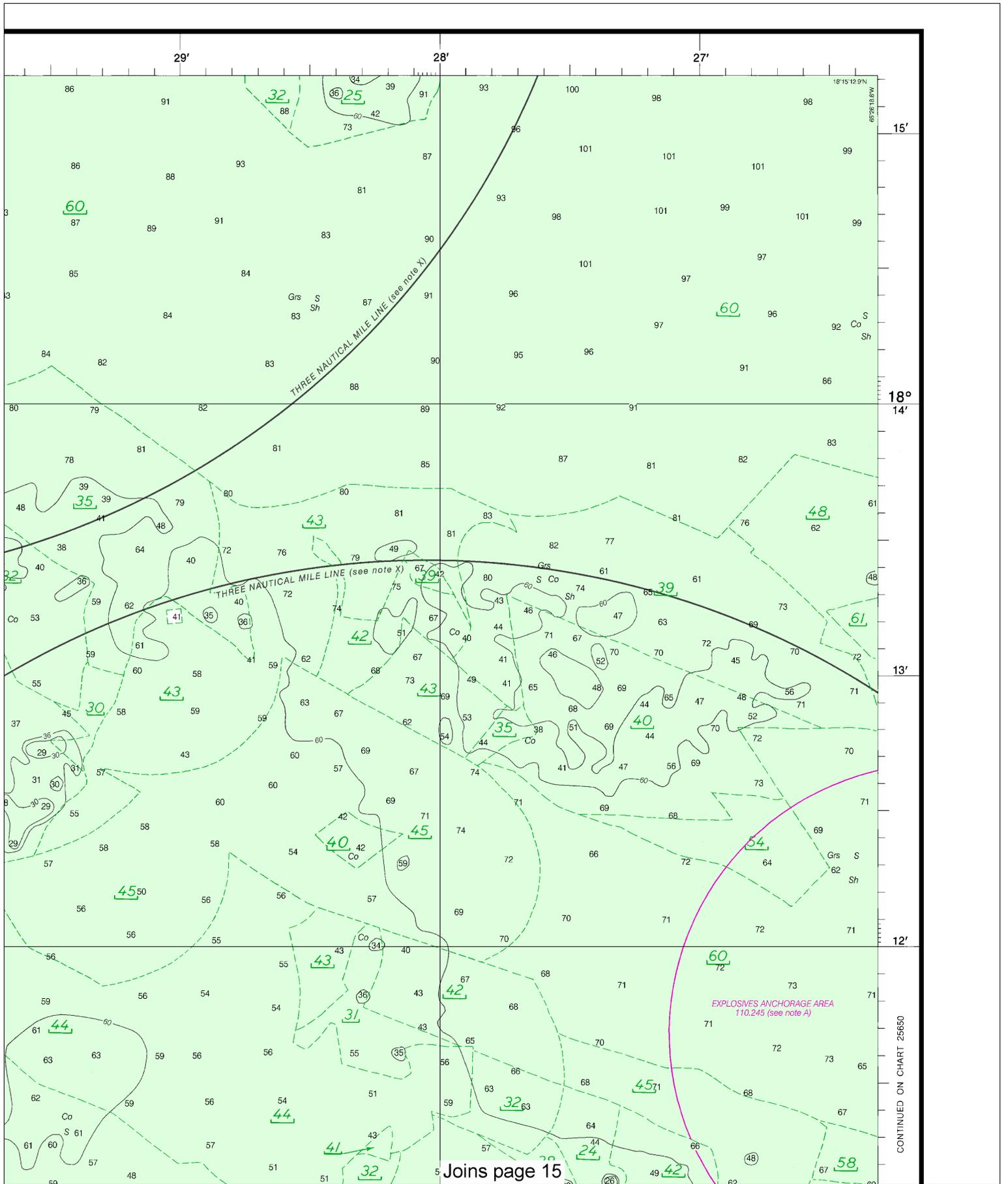




Note: Chart grid lines are aligned with true north.

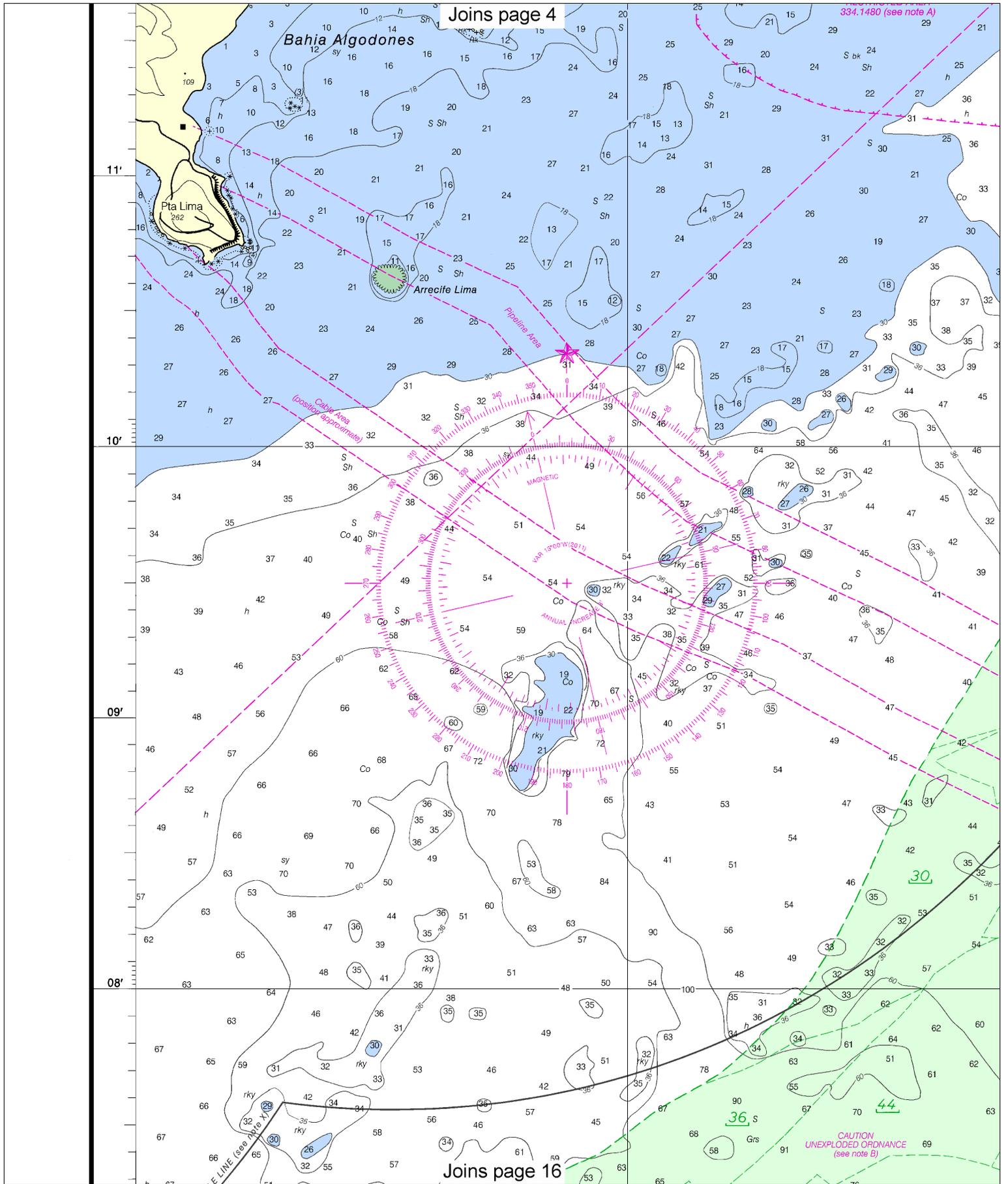
Printed at reduced scale. SCALE 1:25,000 See Note on page 5.





Joins page 15

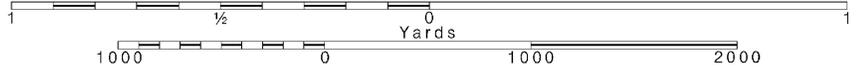
CONTINUED ON CHART 25650

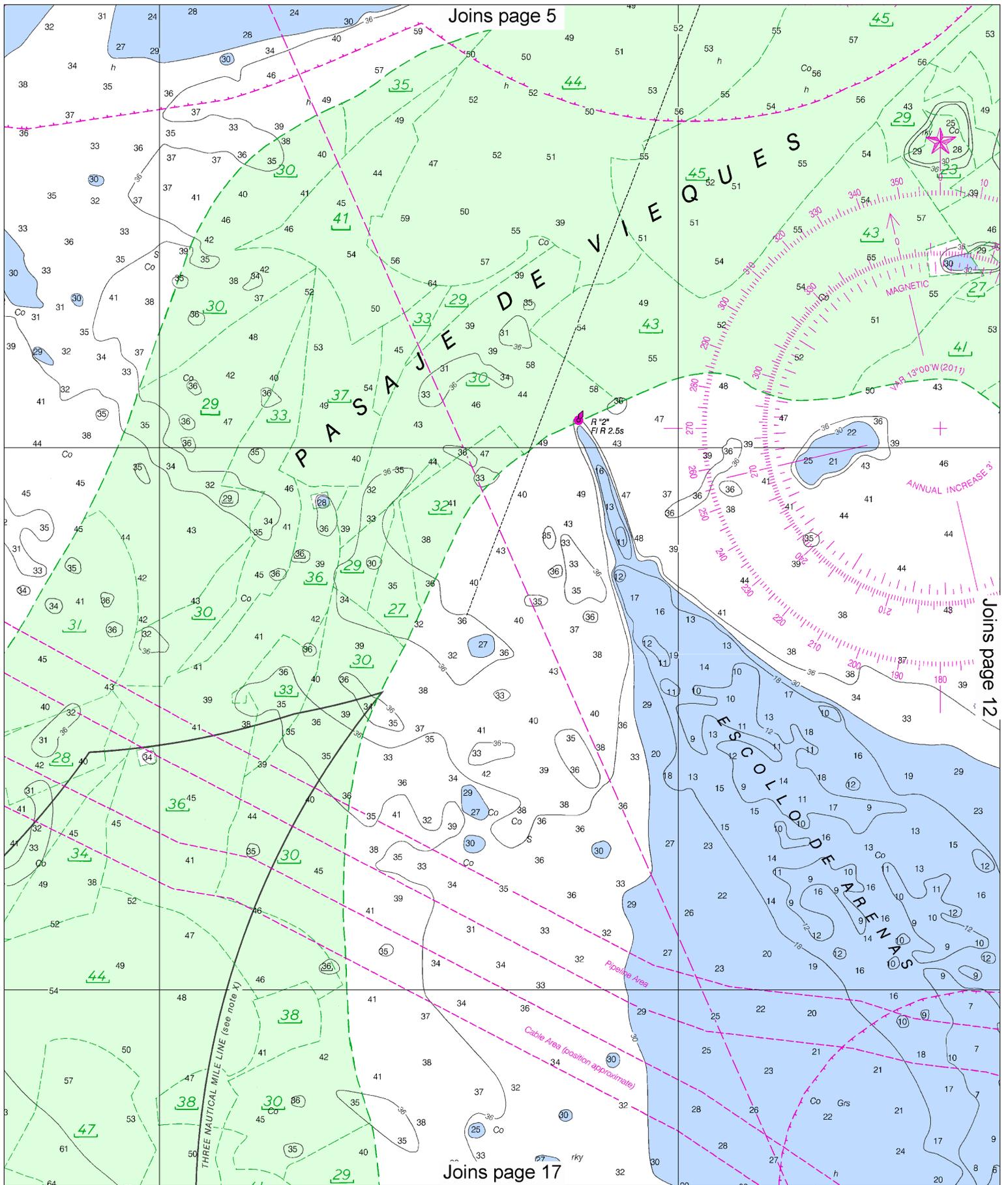


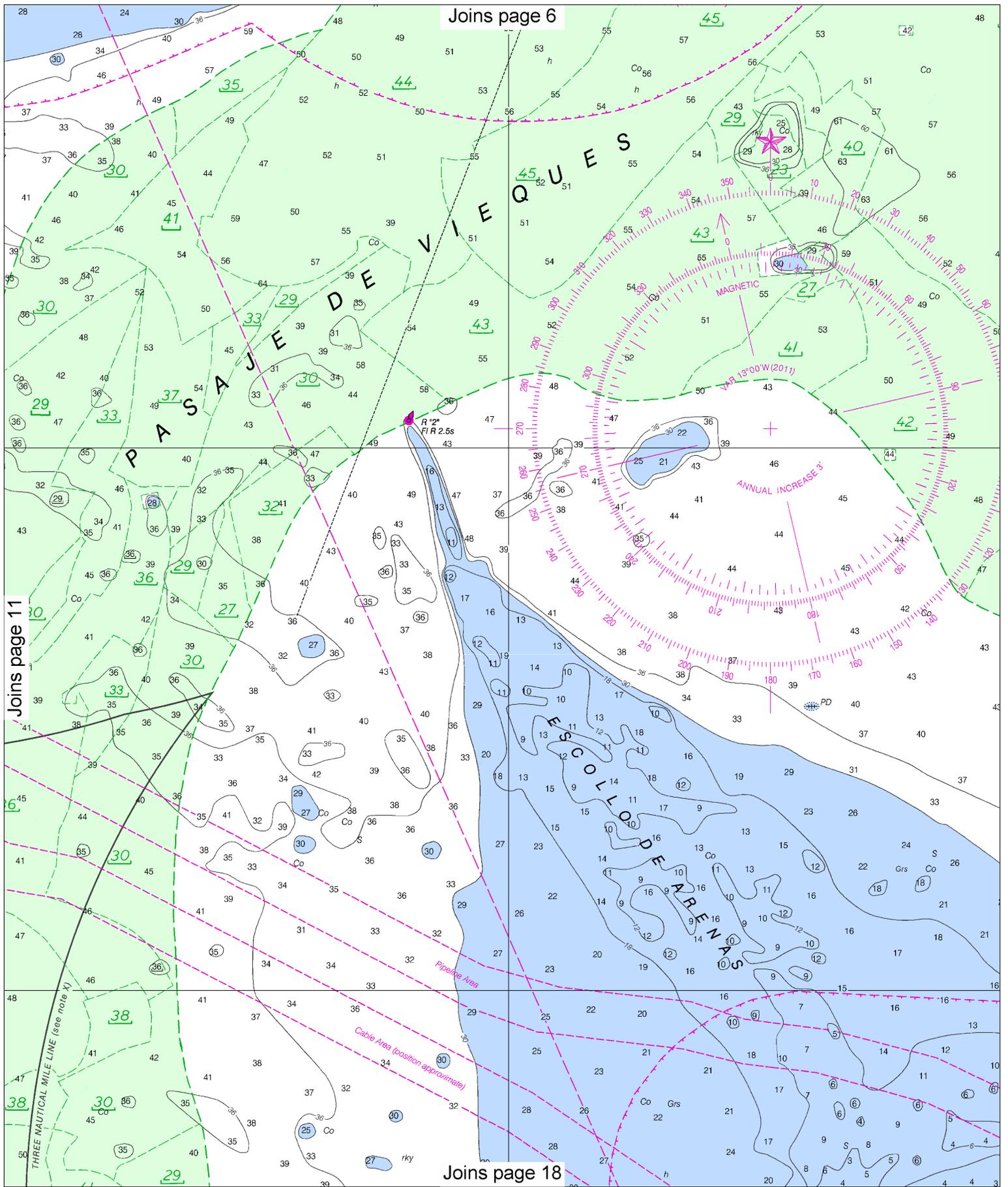
10

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000 See Note on page 5.



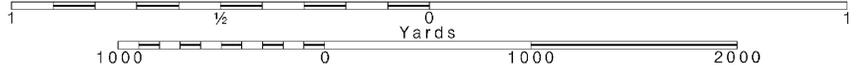


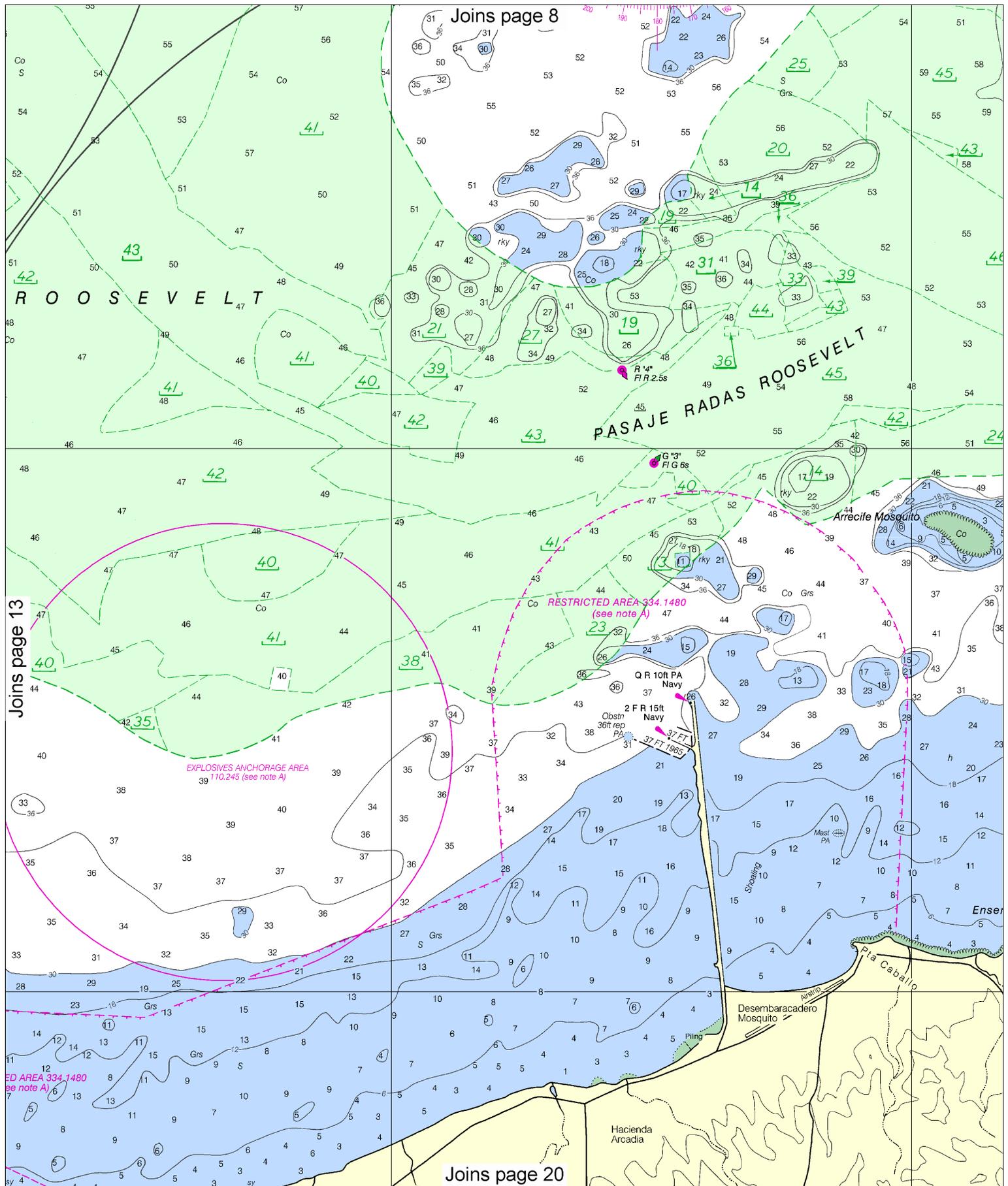


12

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000 See Note on page 5.

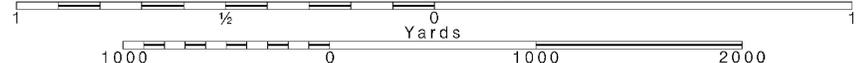


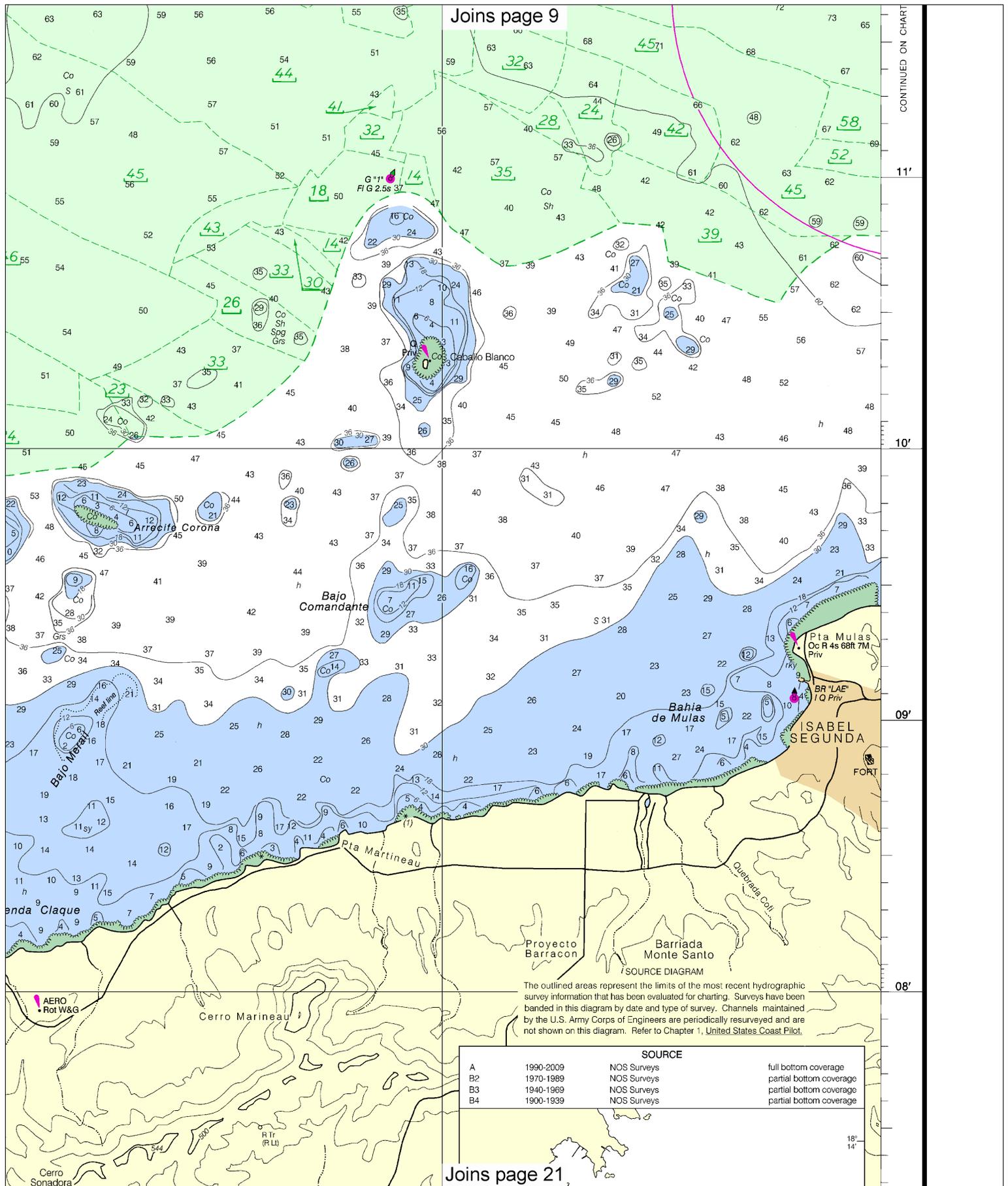


14

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000 See Note on page 5.





Joins page 9

CONTINUED ON CHART

11'

10'

09'

08'

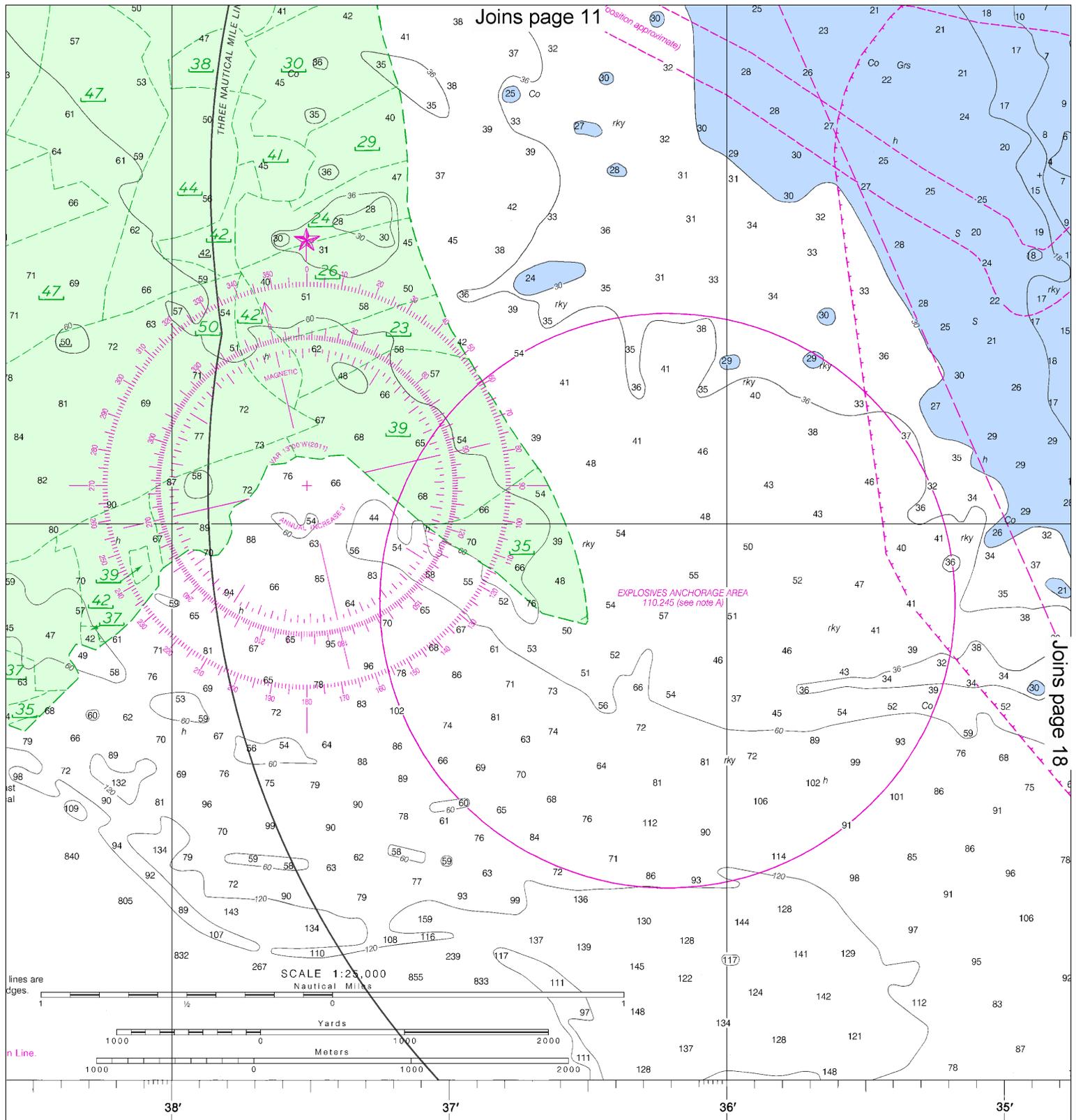
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on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

SOURCE		
A	1990-2009	NOS Surveys full bottom coverage
B2	1970-1989	NOS Surveys partial bottom coverage
B3	1940-1969	NOS Surveys partial bottom coverage
B4	1900-1939	NOS Surveys partial bottom coverage

Joins page 21

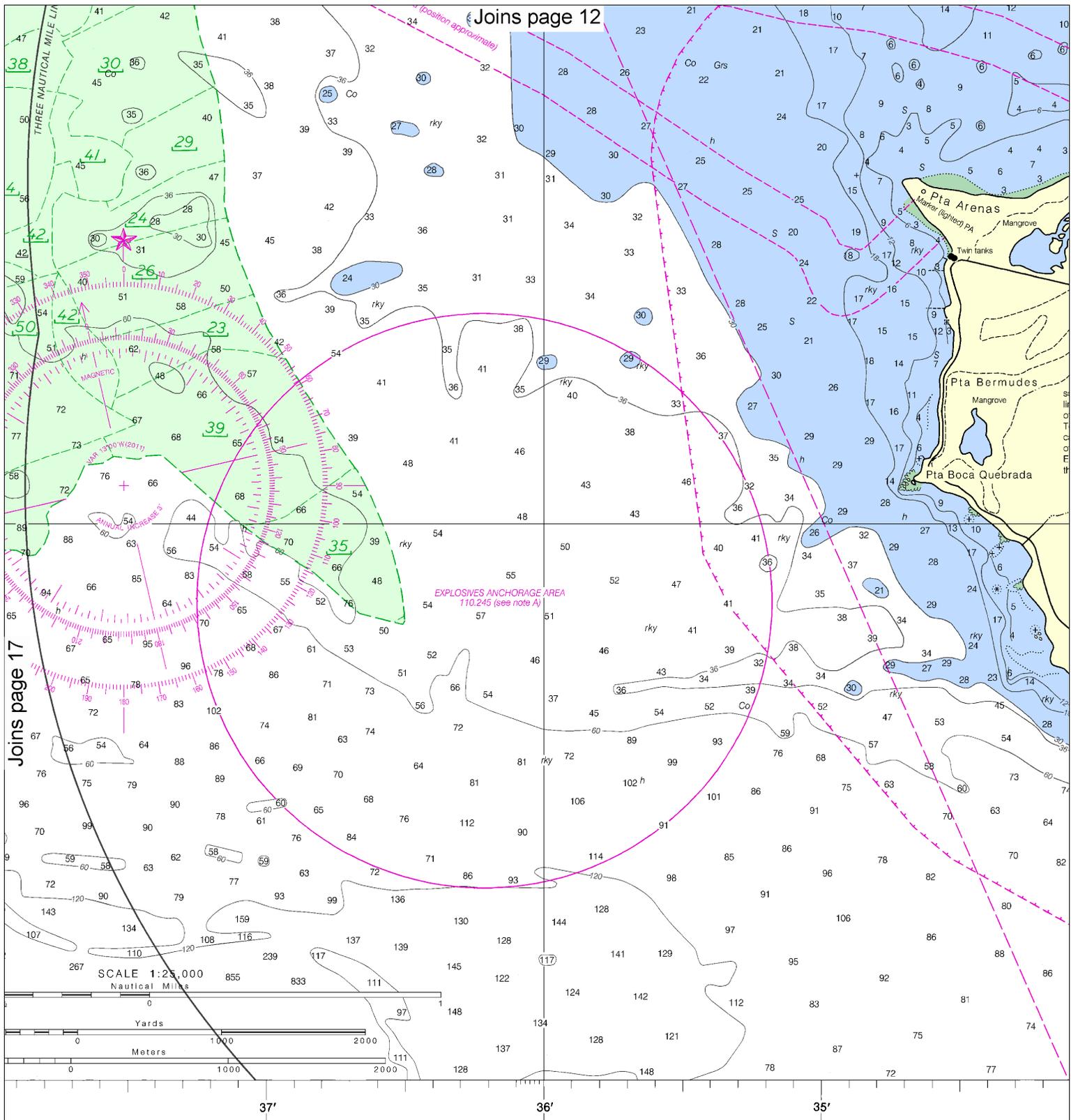
(position approximate)

THREE NAUTICAL MILE LIN



For safe navigation. The National Hydrographic Office, NOAA, and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 2-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at <http://ocsddata.ncd.noaa.gov/tdrs/inquiry.aspx>, or OceanGrafix at 1-877-56CHART or <http://www.oceangrafix.com>.

PRINT-ON-DEMAND CHARTS
 NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 2-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at <http://ocsddata.ncd.noaa.gov/tdrs/inquiry.aspx>, or OceanGrafix at 1-877-56CHART or <http://www.oceangrafix.com>.



PRINT-ON-DEMAND CHARTS

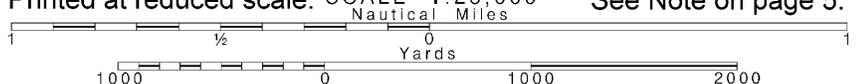
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Publisher
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL SYSTEMS INSTITUTE

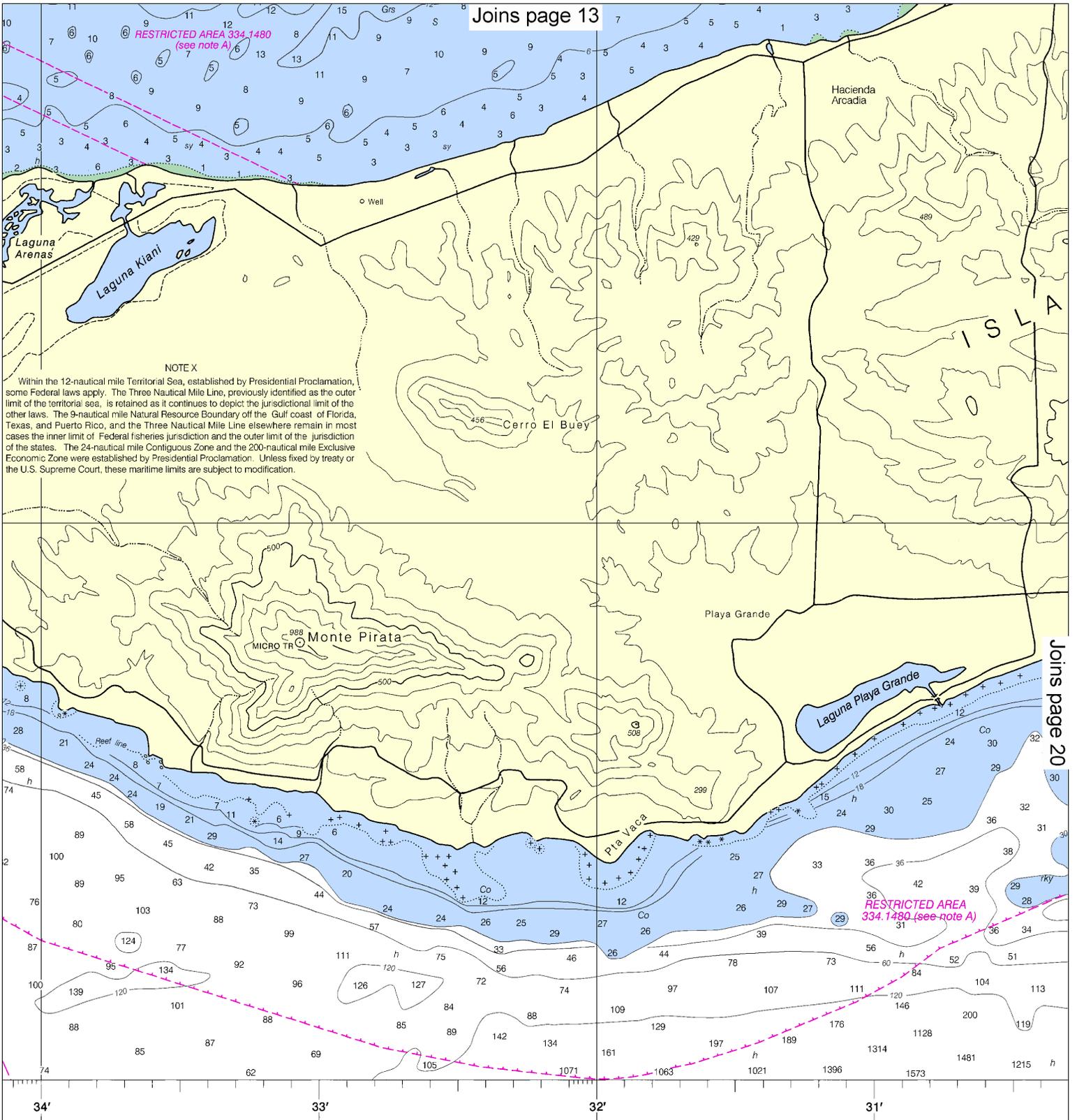
18

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000 See Note on page 5.



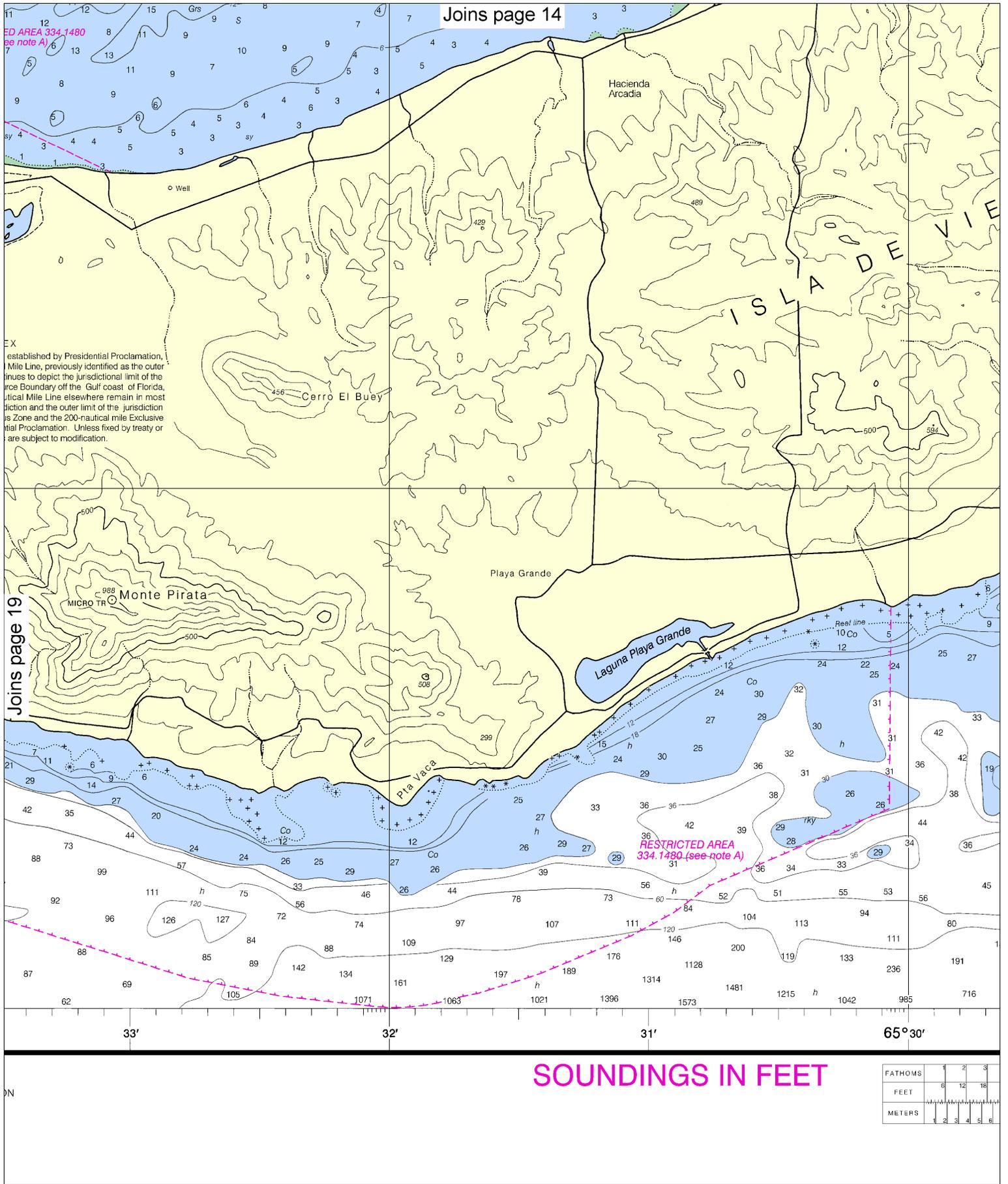
RESTRICTED AREA 334.1480
(see note A)



RESTRICTED AREA 334.1480 (see note A)

ed at Washington, D.C.
RTMENT OF COMMERCE
AND ATMOSPHERIC ADMINISTRATION
NAL OCEAN SERVICE
COAST SURVEY

SOUNDINGS IN FEET



EX established by Presidential Proclamation, 1988, 50 Stat. 1303, as amended, which established the 12-mile Line, previously identified as the outer limit of the territorial sea of the United States. The 12-mile Line, previously identified as the outer limit of the territorial sea of the United States, is hereby established as the outer limit of the territorial sea of the United States. The 12-mile Line, previously identified as the outer limit of the territorial sea of the United States, is hereby established as the outer limit of the territorial sea of the United States. The 12-mile Line, previously identified as the outer limit of the territorial sea of the United States, is hereby established as the outer limit of the territorial sea of the United States.

Joins page 19

Joins page 14

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Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:25,000 See Note on page 5.

Nautical Miles

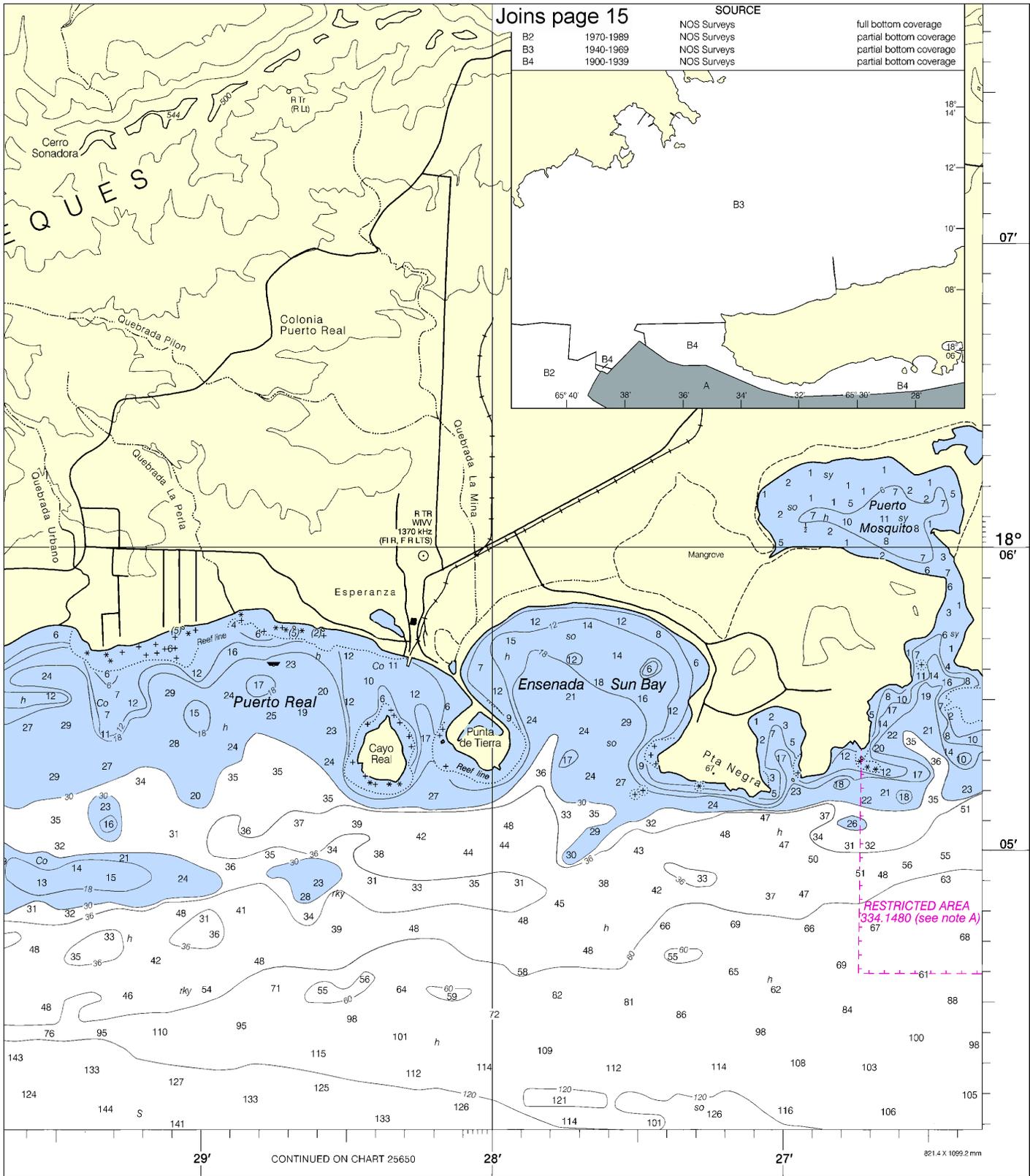
Yards

1000 0 1000 2000

Joins page 15

SOURCE

B2	1970-1989	NOS Surveys	full bottom coverage
B3	1940-1969	NOS Surveys	partial bottom coverage
B4	1900-1939	NOS Surveys	partial bottom coverage



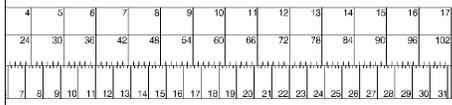
RESTRICTED AREA 334 1480 (see note A)

29' CONTINUED ON CHART 25650 28' 27'

821.4 X 1099.2mm

Pasaje de Vieques and Radas Roosevelt
SOUNDINGS IN FEET - SCALE 1:25,000

25664



ED. NO. 17

NSN 7642014012030
 NGA REFERENCE NO. 25A-HA25664



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!



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>
- Online chart viewer — <http://www.nauticalcharts.noaa.gov/mcd/NOAChartViewer.html>
- 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>
- 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 Hurricane Center — <http://www.nhc.noaa.gov/>
- Pacific Tsunami Warning Center — <http://ptwc.weather.gov/>
- 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.

