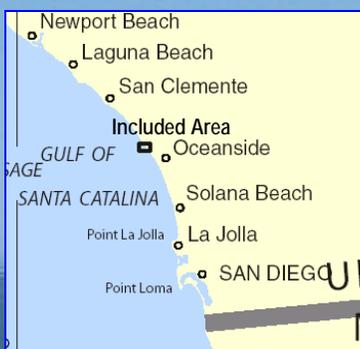


BookletChart™

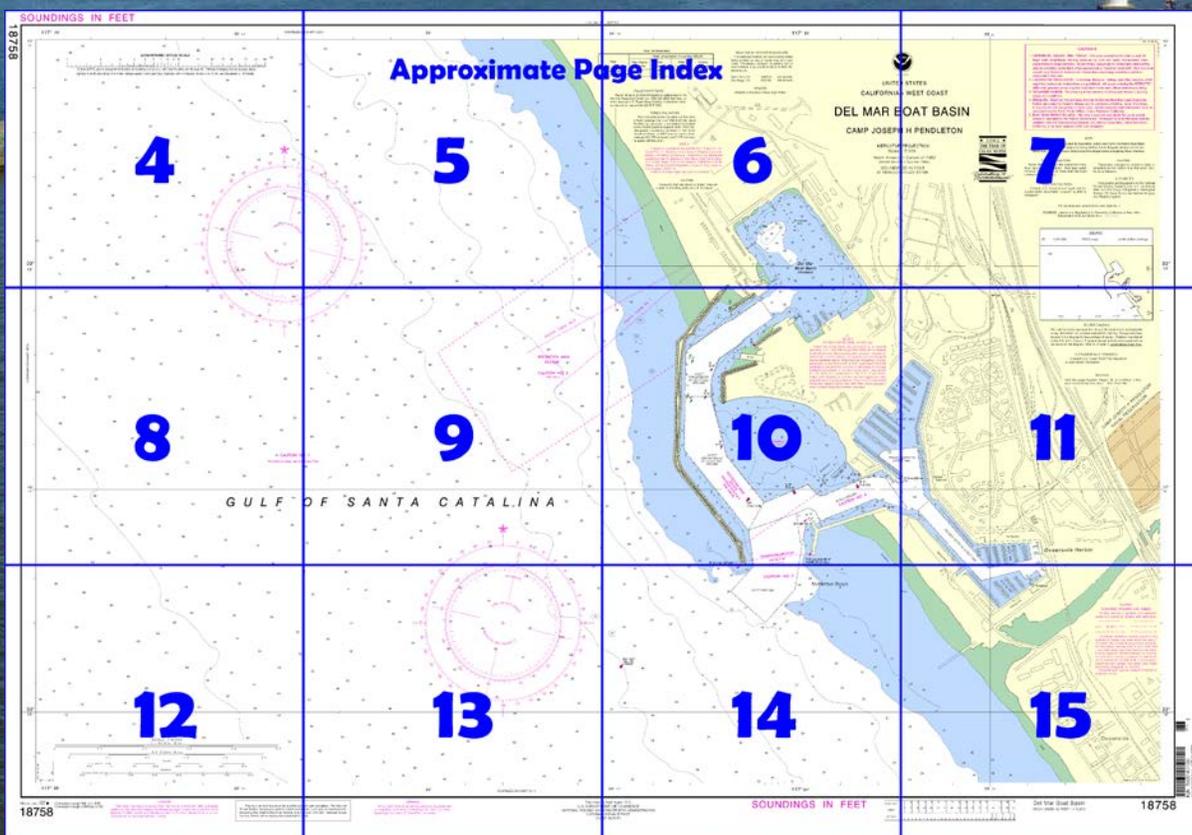


Del Mar Boat Basin – Camp Joseph H. Pendleton NOAA Chart 18758

*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.

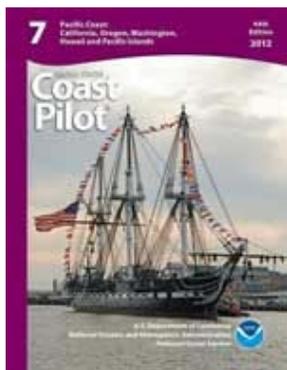
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

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=18758>.



(Selected Excerpts from Coast Pilot)

Carlsbad, 30 miles N of Point Loma, is a resort area with a number of hotels and motels.

The pleasure pier at **Oceanside**, 32.5 miles N of Point Loma, has a fish haven covered 10 feet around its seaward end. The pier is marked by lights.

Oceanside Harbor, at the N end of the city, 1.2 miles NW of the pleasure pier, is a small-craft harbor administered by the City of Oceanside, Department of Harbor and Beaches. The harbor, which can

accommodate about 950 small craft, shares a common entrance with Del Mar Boat Basin (**Camp Pendleton Marine Corps Base**) to the N.

Prominent features when approaching the harbor include a large lighted sign reading "OCEANSIDE" in white letters on a blue background located on a grassy bluff overlooking the middle of the harbor.

The common entrance to Oceanside Harbor and Del Mar Boat Basin is between two jetties. The long W jetty is marked by a single light at the seaward end, and the short E jetty has a N and S extension. The S extension has a light and sound signal at the seaward end; a light is at the outer end of the N extension. Inside the common entrance is a lighted junction buoy separating the entrance channels to Oceanside Harbor and Del Mar Boat Basin. The entrance channel for Oceanside Harbor is marked by lighted buoys, lights and a daybeacon. A submerged jetty, just N of the entrance channel to Oceanside Harbor, is marked by a danger buoy at its outer end.

No-Discharge Zone.—The State of California, with the approval of the Environmental Protection Agency, has established a No-Discharge Zone (NDZ) in Oceanside Harbor. It encompasses the entire harbor (see NOAA chart 18758 for the zone limits).

Within the NDZ, discharge of sewage, whether treated or untreated, from all vessels is prohibited. Outside the NDZ, discharge of sewage is regulated by **40 CFR 140** (see Chapter 2).

Harbor regulations.—The harbor is under the control of the City of Oceanside, Dept. of Harbor and Beaches. The harbor headquarters building is on the E side of the harbor opposite the entrance. About 50 berths for transient craft are available at the harbor headquarters. All moorage must be arranged with the harbor office in the headquarters building. Prepaid reservations are accepted for 24 guest slips, with the remainder available on a first come, first served basis. The **Oceanside Harbor Police** operates from the headquarters building. The police boats are equipped with rescue and fire fighting equipment. The police boats monitor VHF-FM channel 16, 24 hours a day, and work on channel 12.

Supplies.—Gasoline and diesel fuel are pumped at the fuel dock. Marine supplies, ice, and pumpout facilities are available.

Del Mar Boat Basin (Camp Pendleton), just N of Oceanside Harbor, is part of the U.S. Marine Corps reservation. (See **334.910**, chapter 2, for limits and regulations of the **restricted area**.) The boat basin shares a common entrance with Oceanside Harbor. The channel is marked by buoys and daybeacons. A **restricted area** is off the outer breakwater. (See **334.900**, chapter 2, for limits and regulations.)

A **military exercise area** extends about 3 miles seaward from about 2 miles NW of the boat basin northwestward to San Clemente. Mariners are advised to consult Eleventh Coast Guard District Local Notice to Mariners for scheduled exercise dates and times.

A **restricted area** is within the military exercise area and centered about 4.5 miles NW of Del Mar Boat Basin entrance. (See **334.905**, chapter 2, for limits and regulations.)

San Mateo Point, locally known as **Cottons Point** and 47 miles NW of Point Loma, ends in cliffs 60 feet high and is the N head at the mouth of **San Mateo Creek**. Both San Mateo Creek and **Arroyo San Onofre**, a mile SE, are crossed by a trestle. Two large domes of a nuclear powerplant are 2.3 miles SE of San Mateo Point. A smaller dome-shaped building is on top of the bluff a few hundred yards SE.

San Mateo Point Light (33°23'18"N., 117°35'45"W.), 63 feet above the water, is shown from a pole with a red and white diamond-shaped daymark on San Mateo Point.

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

RCC Alameda Commander
11th CG District (510) 437-3700
Alameda, CA

Table of Selected Chart Notes

Corrected through NM Aug. 13/11
Corrected through LNM Aug. 09/11

HEIGHTS

Heights in feet above Mean High Water.

For Symbols and Abbreviations see Chart No. 1

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).

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.

Santa Ana, CA	WWG-21	162.450 MHz
San Diego, CA	KFC-62	162.400 MHz

CAUTION

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

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.

AUTHORITIES

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

AIDS TO NAVIGATION

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

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 North American Datum of 1927 must be corrected an average of 0.129' northward and 3.143' westward to agree with this chart.

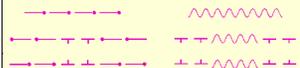
CAUTION

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

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.

Mercator Projection

Scale 1:5,000 at Lat 33° 12' 45"

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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.

BUOYAGE

IALA Buoyage System, Region B, is in effect in the area covered by this chart. See Chart No. 1.

NOTE Z

NO-DISCHARGE ZONE, 40 CFR 140

Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. 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, 11th Coast Guard District in Alameda, California or at the Office of the District Engineer, Corps of Engineers in Los Angeles, California.

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.

COLREGS: International Regulations for Preventing Collisions at Sea, 1972. Demarcation lines are shown thus: - - - - -

NOTE

The position of buoys located in Oceanside Harbor and Camp Pendleton Boat Basin are approximate and are subject to being shifted due to frequent change of channel conditions. Mariners should obtain local knowledge before navigating these channels.

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
Oceanside Harbor	(33°13'N/117°24'W)	5.4 feet	4.6 feet	-- feet

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>. (Jul 2011)

CAUTIONS

- 1. AMPHIBIOUS ASSAULT AREA "CPAAA"** - The area covered by this chart is used for large scale amphibious training exercises by craft not easily maneuvered when concentrated in large numbers. At such times, vessels are to remain clear and exit the area in a direction given them when approached or hailed by naval craft. Mariners must consult Local Notice to Mariners for information concerning amphibious activities conducted in this area.
- 2. UNDERWATER INSTALLATION** - Anchoring, dredging, fishing, and other activities which might foul underwater installations are prohibited. All vessels entering the RESTRICTED AREA shall proceed across it by the most direct route and without unnecessary delay.
- 3. OCEANSIDE HARBOR** - The shoaling in the entrance to Oceanside Harbor is causing severe surf conditions.
- 4. SHOALING** - Depths in the entrance channels to Del Mar Boat Basin and Oceanside Harbor are subject to frequent change due to continuous shoaling. Local knowledge is required for safe navigation in these areas. Latest available depth information may be obtained from the Public Works Officer, Camp Pendleton California.
- 5. BOAT BASIN RESTRICTED AREA** - This area is reserved exclusively for use by vessels owned or operated by the Federal Government. Permission to enter the area must be obtained from the Commanding General, U.S. Marine Corps Base, Camp Pendleton, California, or by such agencies as he may designate.

SOUNDINGS IN FEET

18758

CONTINUED ON CHART 18774

117° 26'

25' 30"

13' 30"

46

47

48

50

50

51

52

52

54

53

54

55

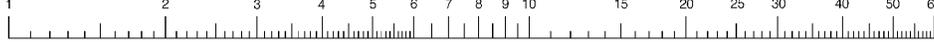
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57

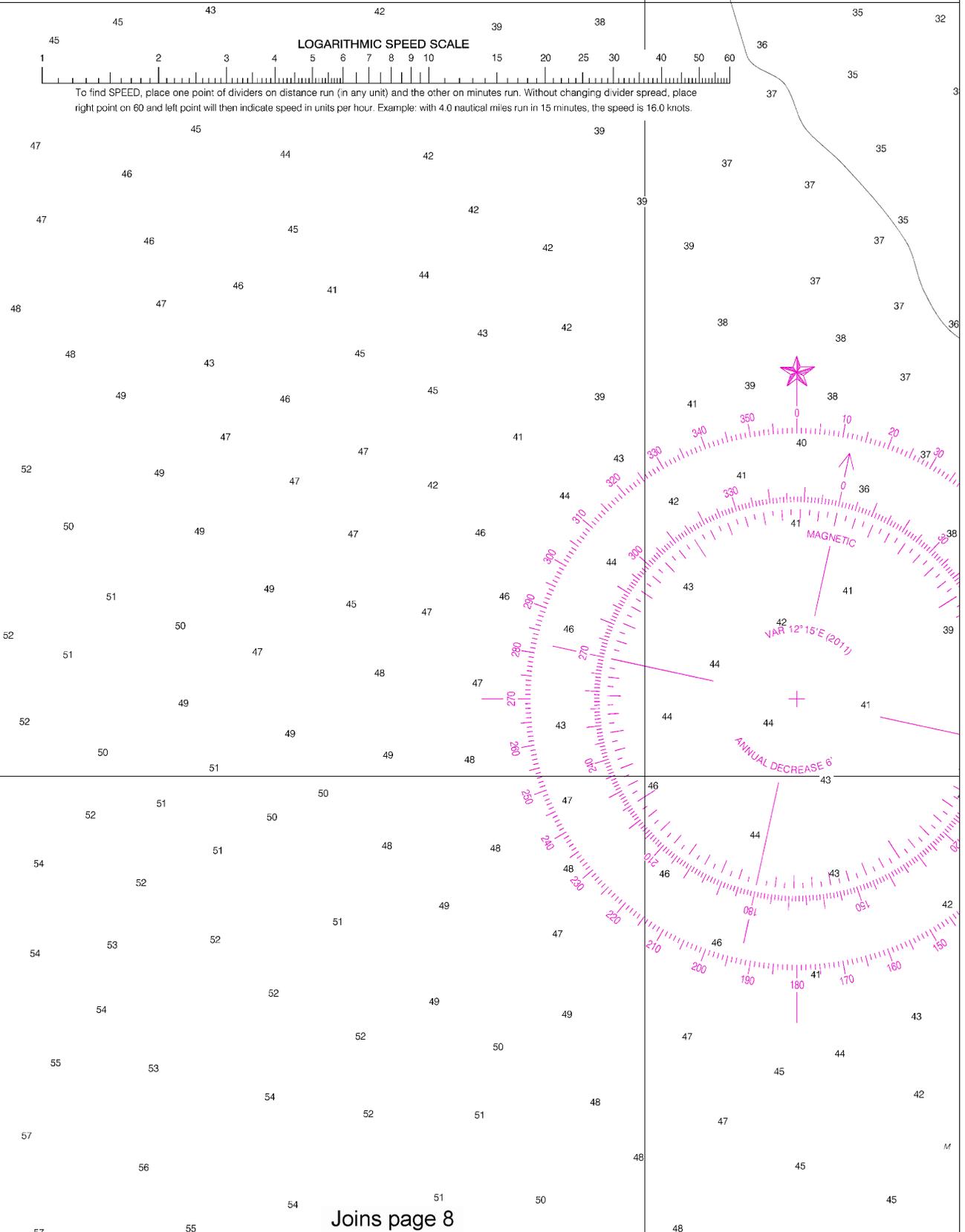
57

57

LOGARITHMIC SPEED SCALE



To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.



CONTINUED ON CHART 18774

33°

13'

Joins page 8

4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

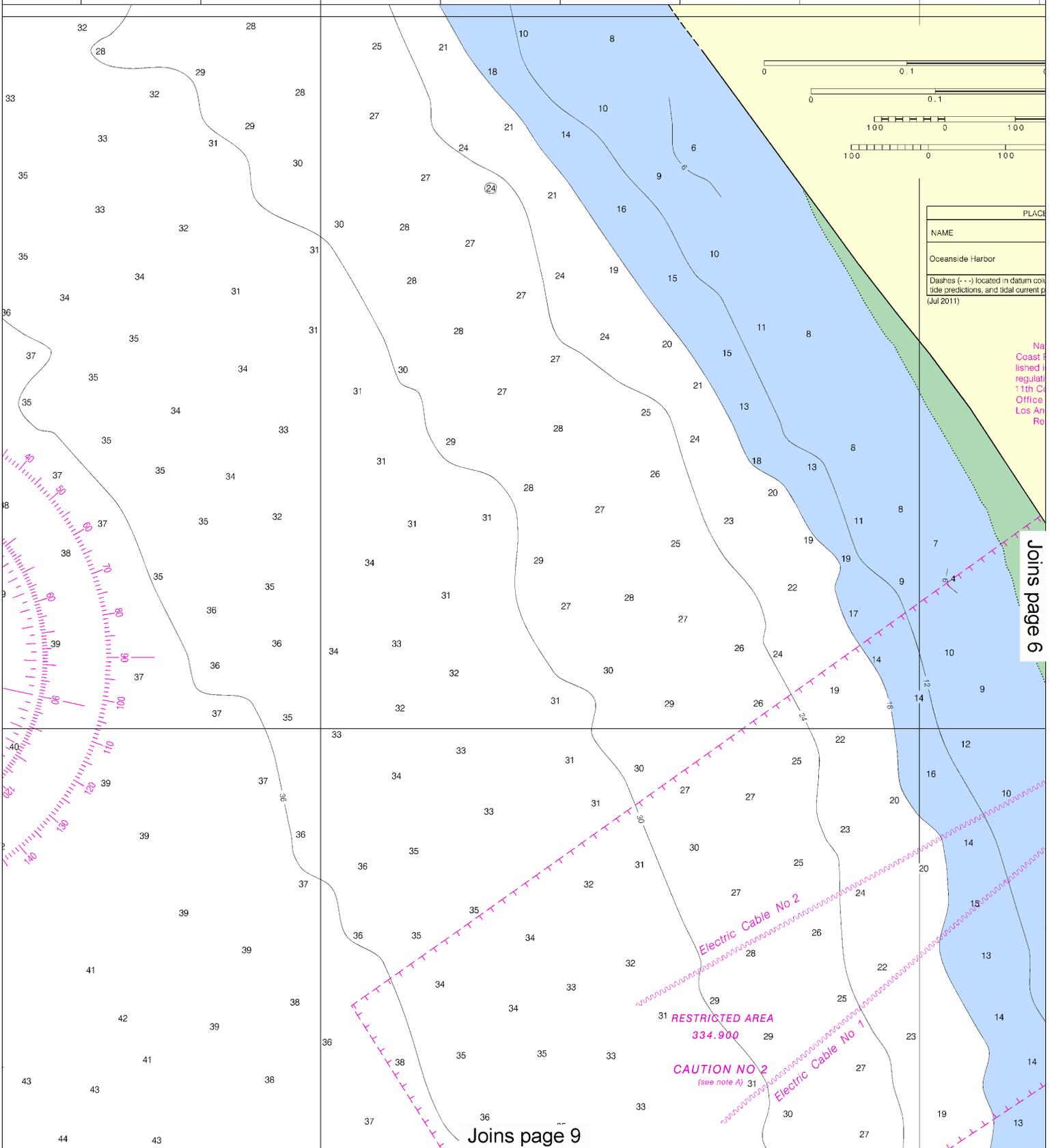
SCALE 1:5,000

See Note on page 5.



25'

24' 30"



Joins page 6

Joins page 9

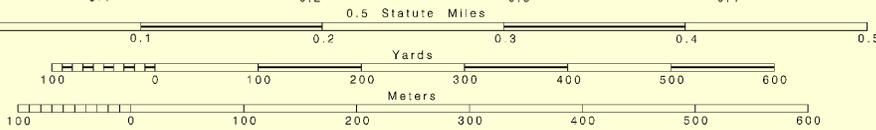
This BookletChart was reduced to 75% of the original chart scale.
 The new scale is 1:6667. Barscales have also been reduced and
 are accurate when used to measure distances in this BookletChart.



24' 30'

117° 24'

SCALE 1:5,000
0.5 Nautical Miles



TIDAL INFORMATION

PLACE	Height referred to datum of soundings (MLLW)	Mean Higher High Water	Mean Low Water
NAME	(LAT/LONG)	feet	feet
Oceanside Harbor	(33°13'N/117°24'W)	5.4	4.6

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>. (Jul 2011)

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CAUTION
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Joins page 5

Electric Cable No 2
NOTED AREA
4,900
ION NO 2
e note A)

Joins page 10

Del Mar Boat Basin
(Pendleton)

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
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Printed at reduced scale.

SCALE 1:5,000
0.5 Nautical Miles

See Note on page 5.



Note: Chart grid lines are aligned with true north.

23' 30"

33° 13' 30" N
117° 23' 03" W
13' 30"



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - WEST COAST

CALIFORNIA

CAMP PENDLETON BOAT BASIN

JOSEPH H PENDLETON

Mercator Projection
Scale 1:5,000 at Lat 33° 12' 45"

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

Information can be obtained at nauticalcharts.noaa.gov.

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- 1. AMPHIBIOUS ASSAULT AREA "CPAAA"** - The area covered by this chart is used for large scale amphibious training exercises by craft not easily maneuvered when concentrated in large numbers. At such times, vessels are to remain clear and exit the area in a direction given them when approached or hailed by naval craft. Mariners must consult Local Notice to Mariners for information concerning amphibious activities conducted in this area.
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CAUTION

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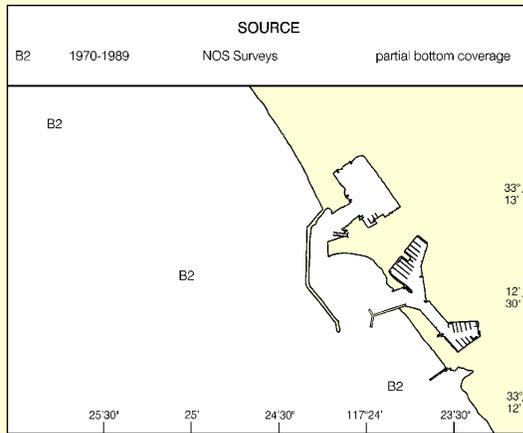
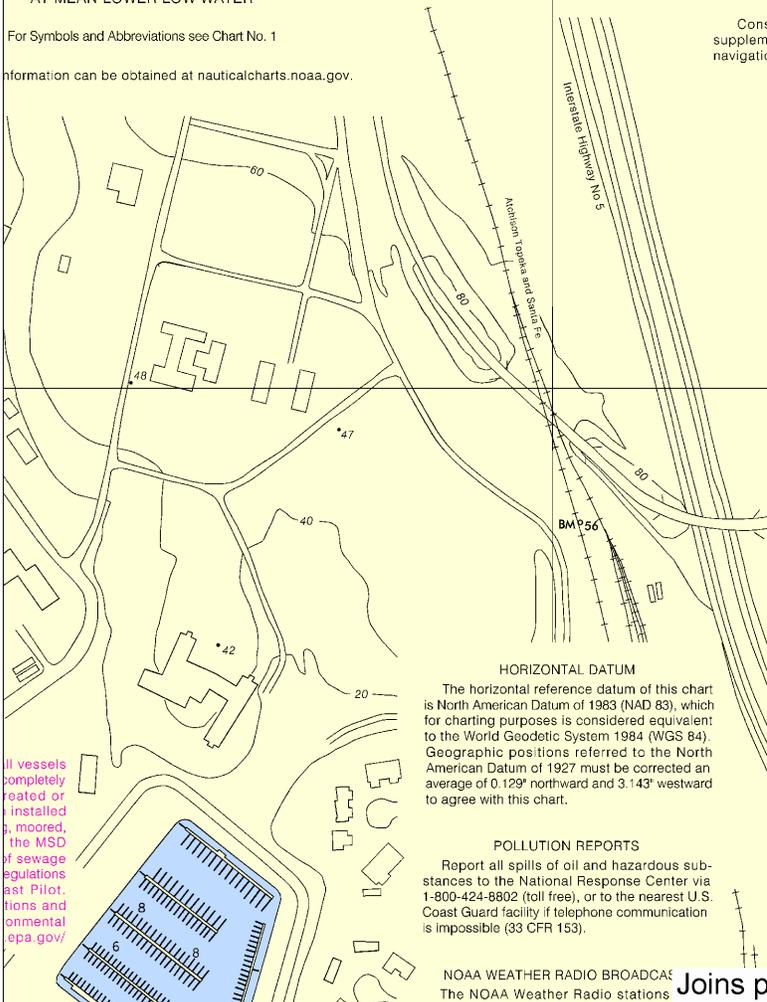
AUTHORITIES

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

AIDS TO NAVIGATION

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Demarcation lines are shown thus: - - - - -



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SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.

BUOYAGE

IALA Buoyage System, Region B, is in effect in the area covered by this chart. See Chart No. 1.

All vessels completely repaired or installed, moored, the MSD of sewage regulations at Pilot. tions and ommental epa.gov/

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 North American Datum of 1927 must be corrected an average of 0.129' northward and 3.143' westward to agree with this chart.

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).

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations

Joins page 11

Joins page 4

33°

13'

CONTINUED ON CHART 18774

12'

30°

Joins page 12

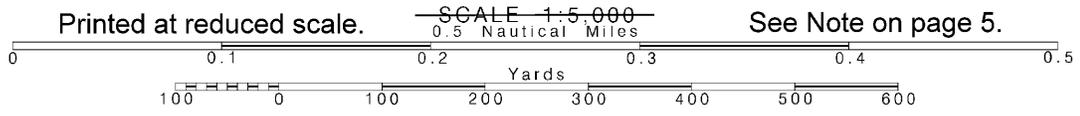
G U L F O F

49 CAUTION NO 1
For limits of areas, see U.S. Coast Pilot

ANNUAL DECREASE 6'

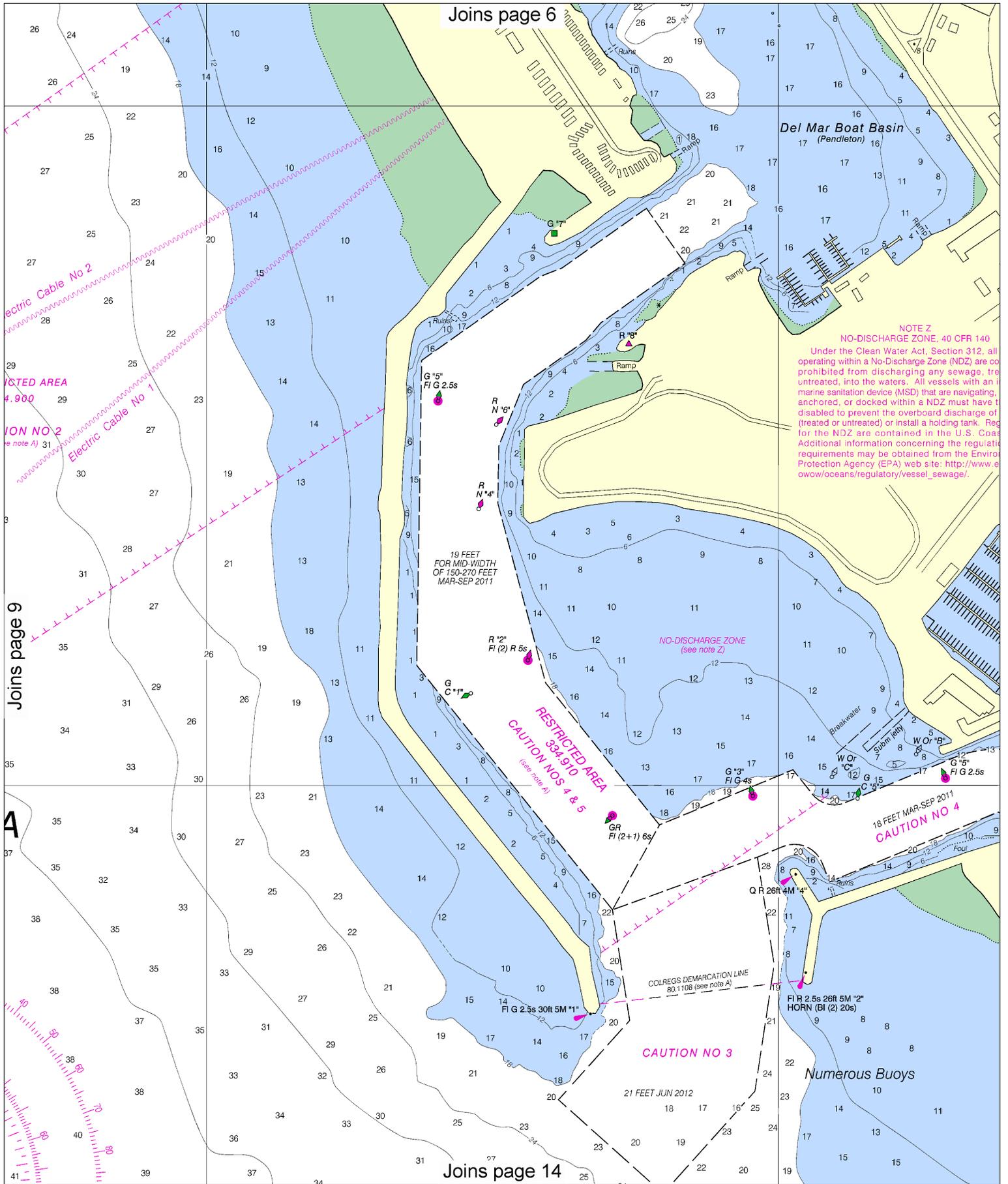


Note: Chart grid lines are aligned with true north.



See Note on page 5.





10

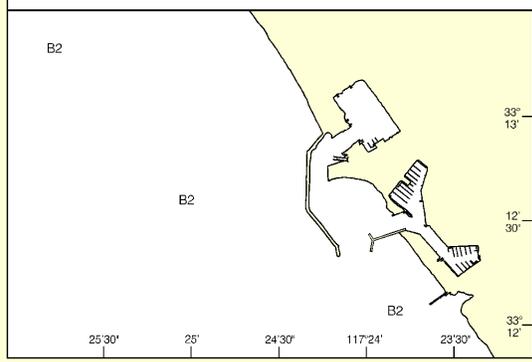
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:5,000
0.5 Nautical Miles

See Note on page 5.





SOURCE DIAGRAM

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NOAA WEATHER RADIO BROADCASTS

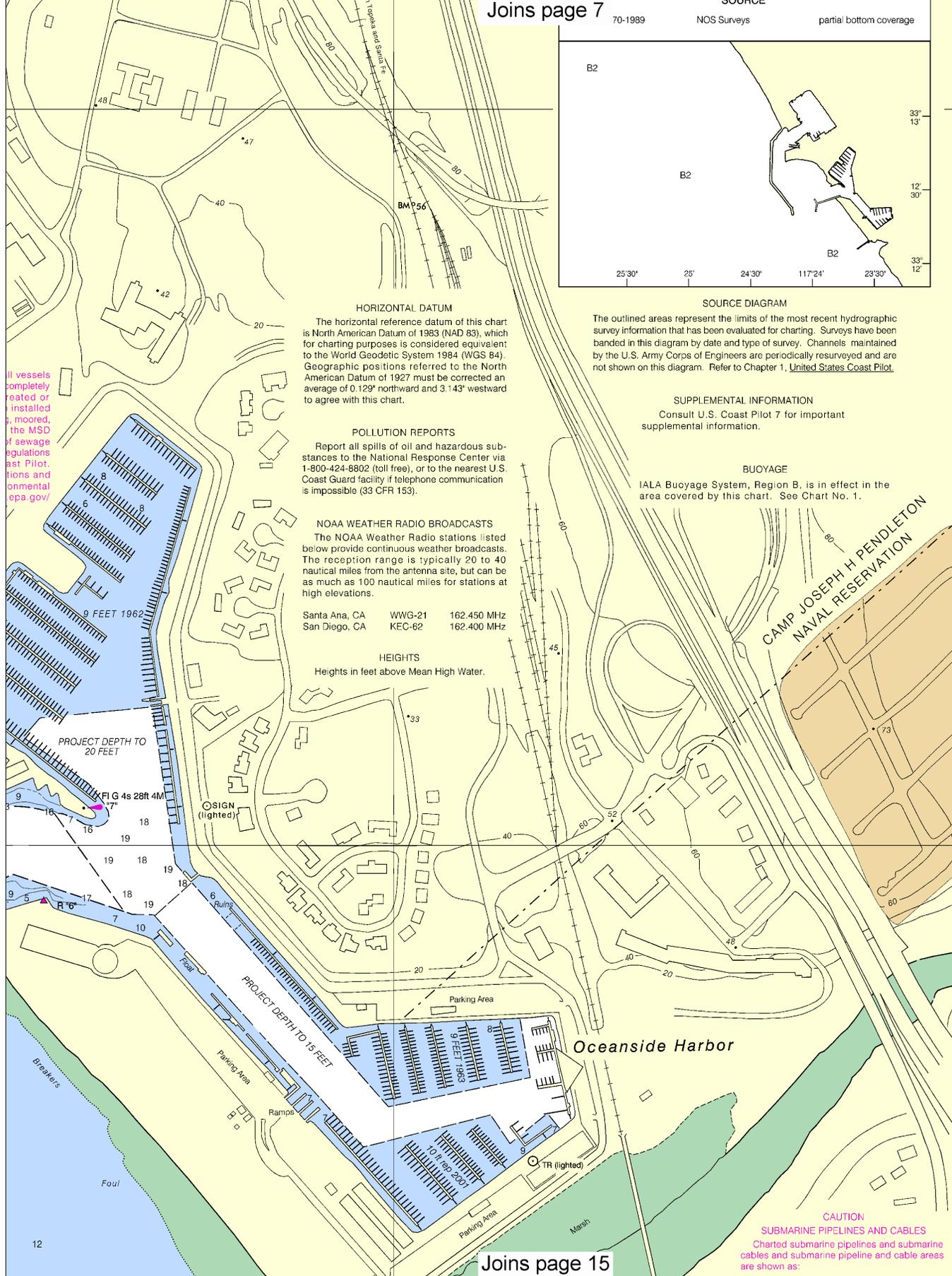
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HEIGHTS

Heights in feet above Mean High Water.

If vessels completely created or installed, moored, the MSD of sewage regulations east Pilot. tions and onmental epa.gov/

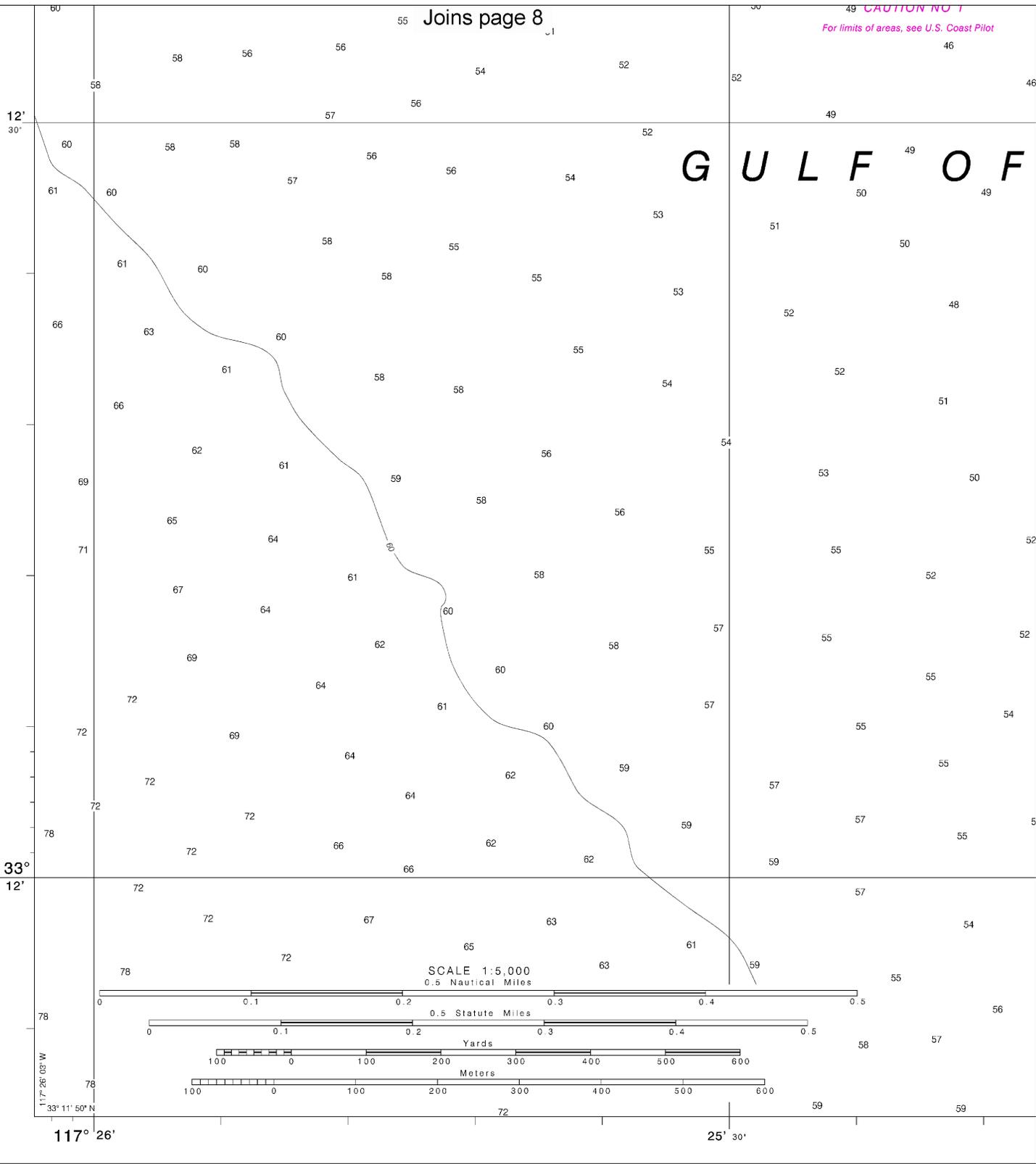


33° 13'

12' 30"

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

GULF OF



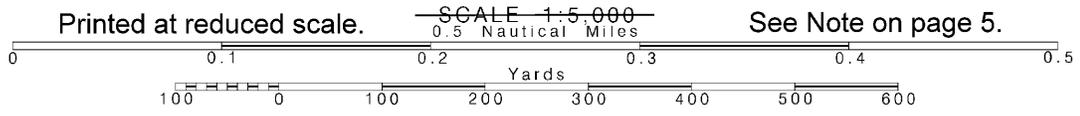
7th Ed., Aug./ 11 ■ Corrected through NM Aug. 13/11
 Corrected through LNM Aug. 09/11
18758

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.

This nautical chart has been designed to promote safe navigation. The Ocean Service encourages users to submit corrections, additions, or changes to improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

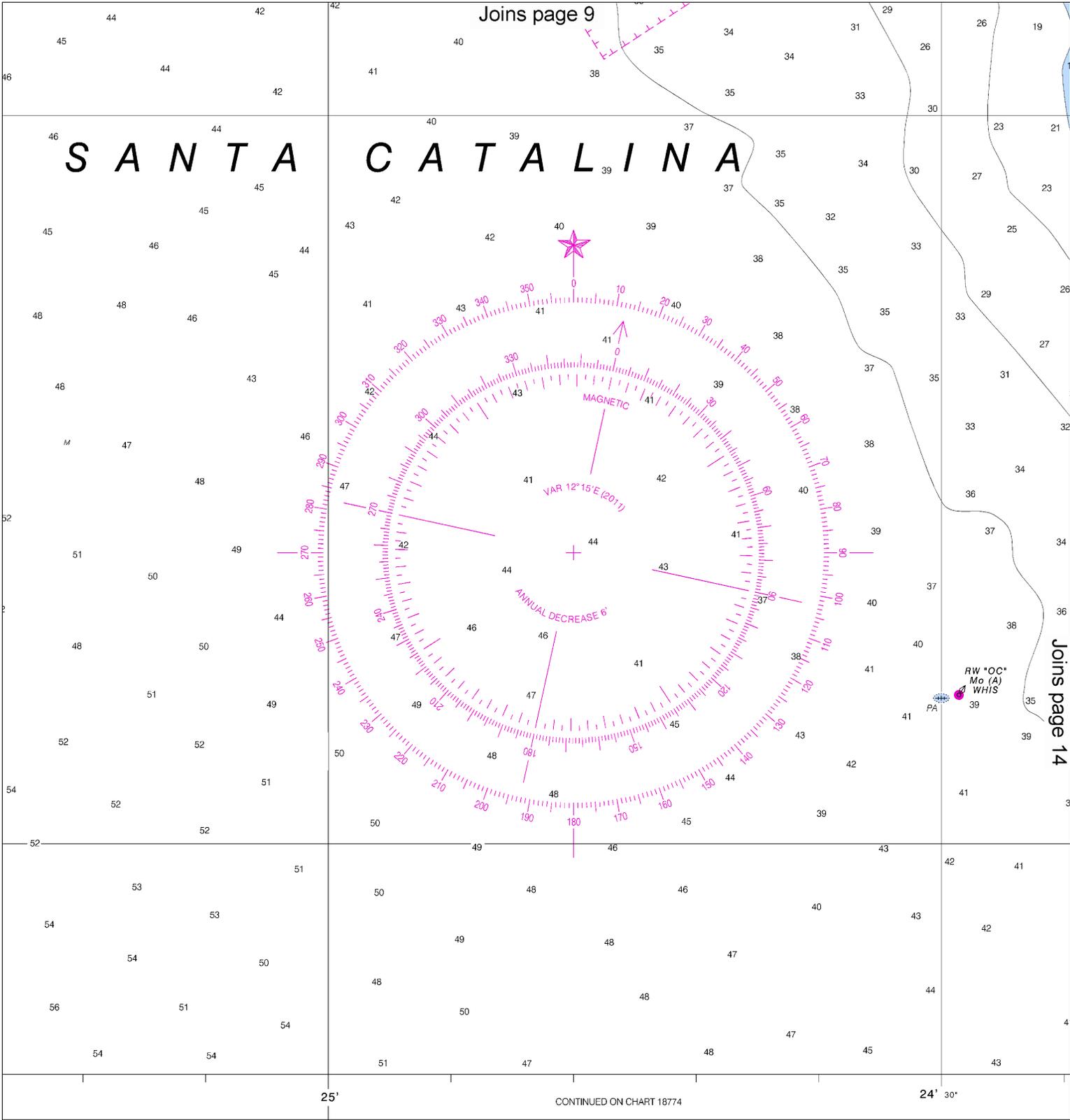


Note: Chart grid lines are aligned with true north.



See Note on page 5.

SANTA CATALINA

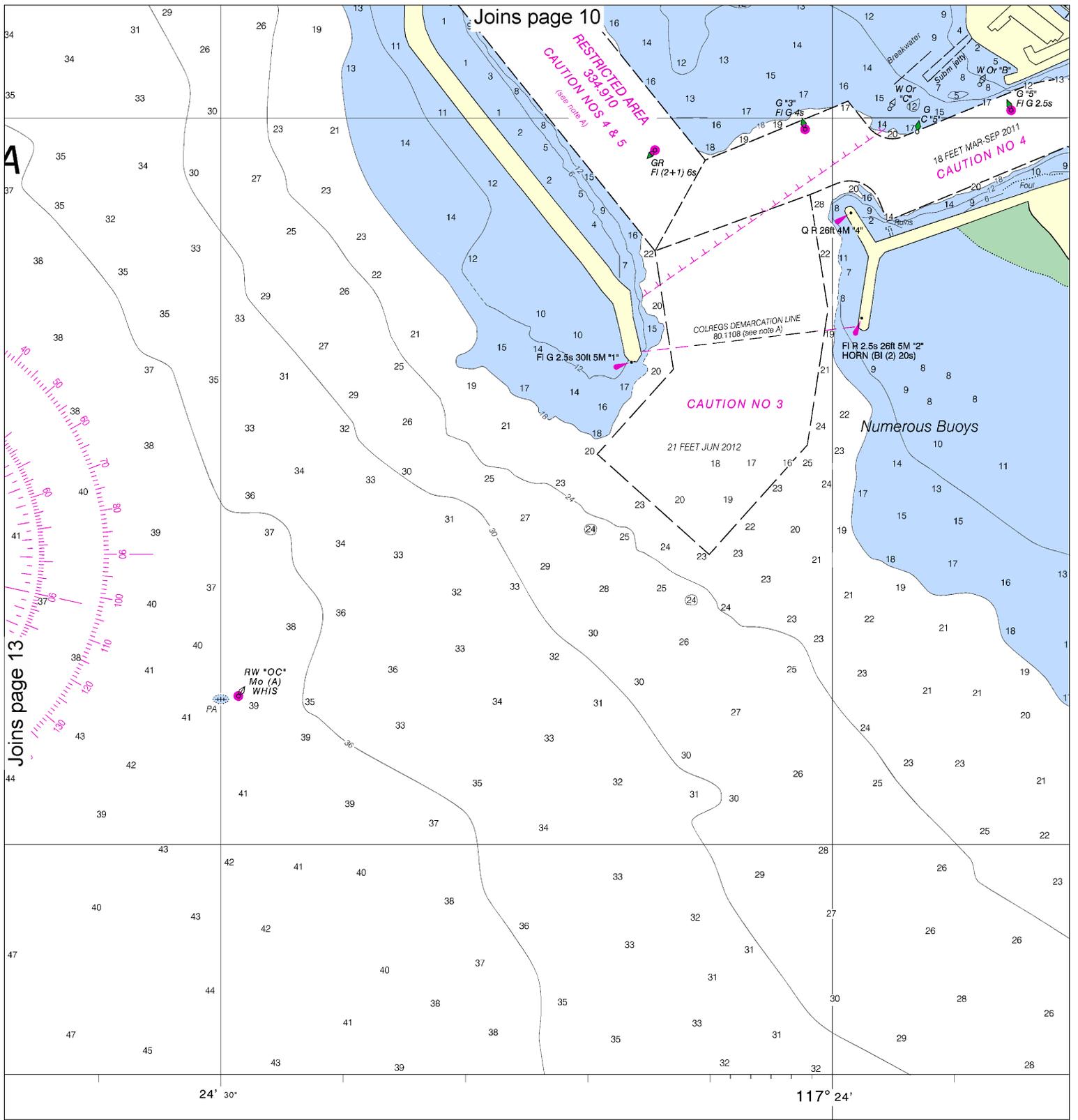


PRINT-ON-DEMAND CHARTS

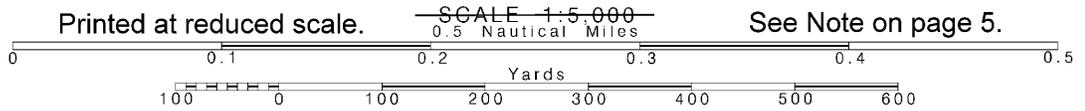
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 2-8 weeks before their release as traditional NOAA charts. Ask your chart agent about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

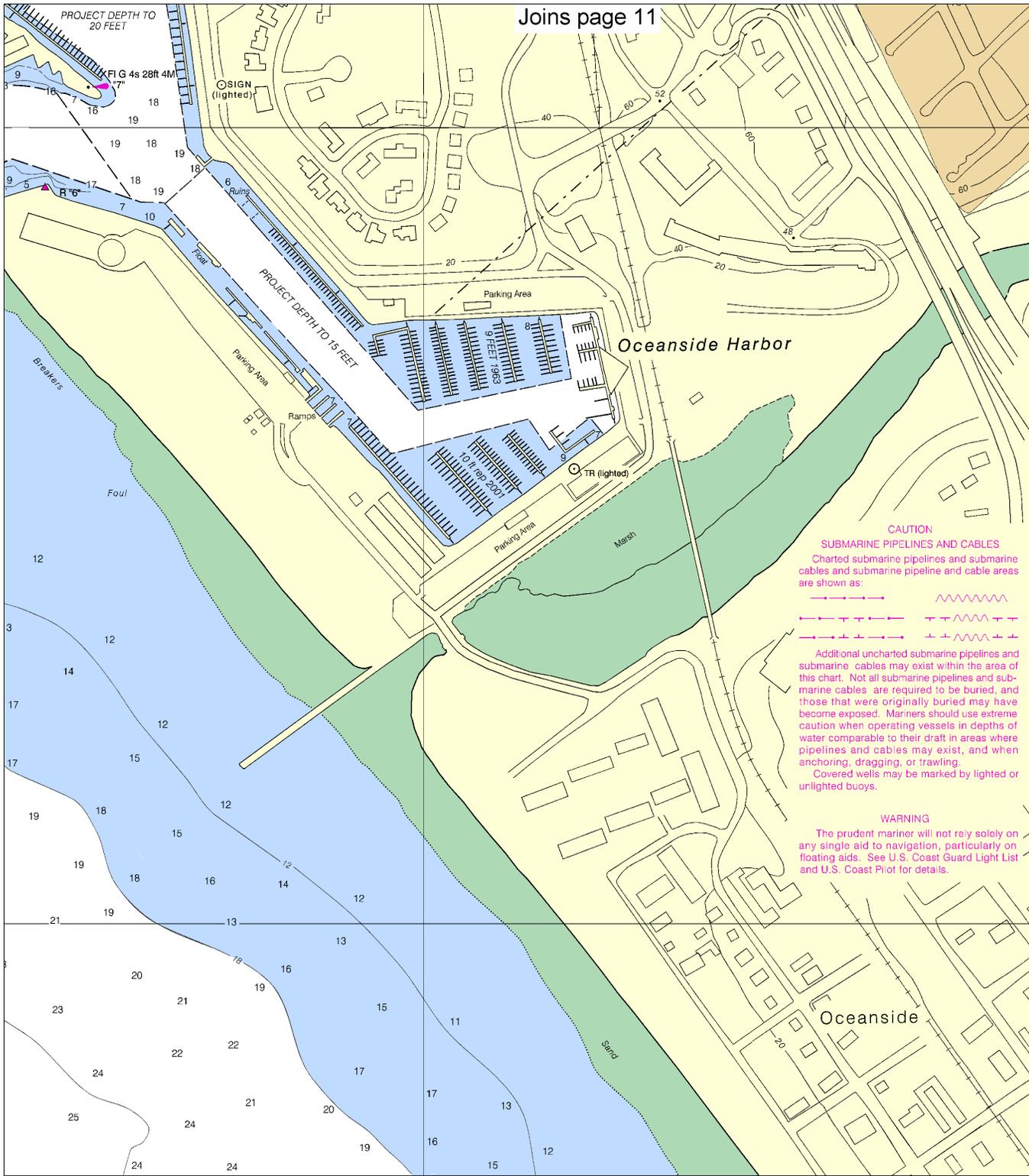
Published at Washington, D.C.
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL OCEAN SERVICE
 COAST SURVEY

The National
 comments for
 tional Ocean

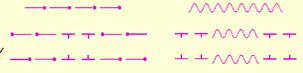


Note: Chart grid lines are aligned with true north.





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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.

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.

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	100
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Del Mar Boat Basin
 SOUNDINGS IN FEET - 1:5,000

18758

ED. NO. 7

NSN 7642014011603
 NGA REFERENCE NO. 188HA18758

618.0 X 832.0 mm



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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