# BookletChart™

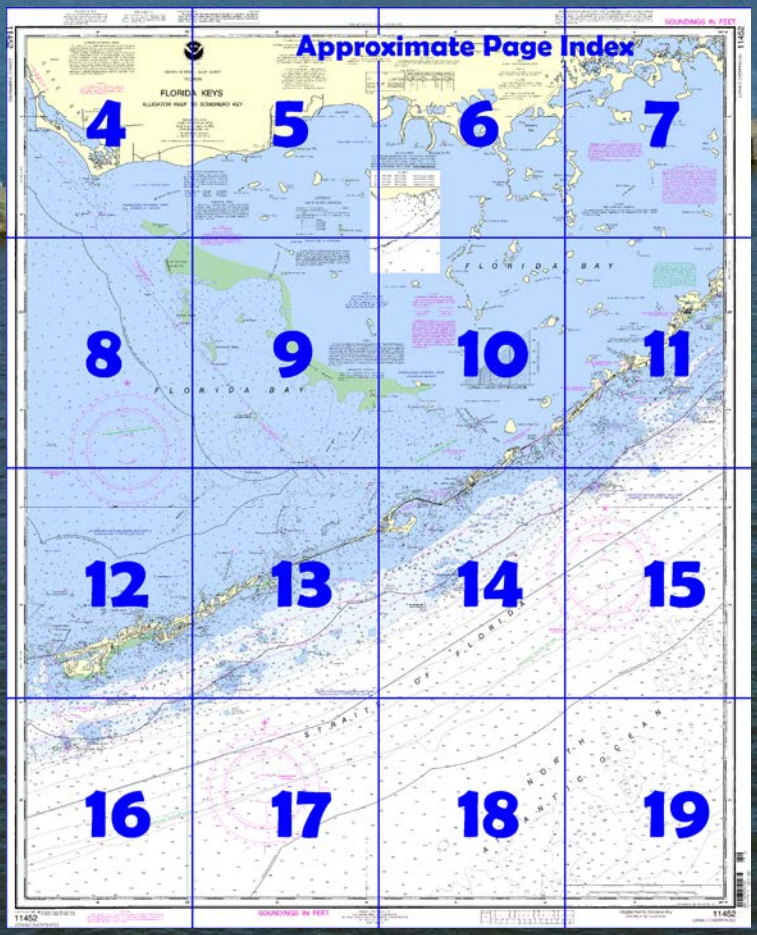
## *Florida Keys – Alligator Reef to Sombrero Key*

***NOAA Chart 11452***

***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.

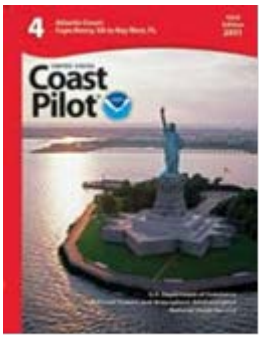
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

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=11452

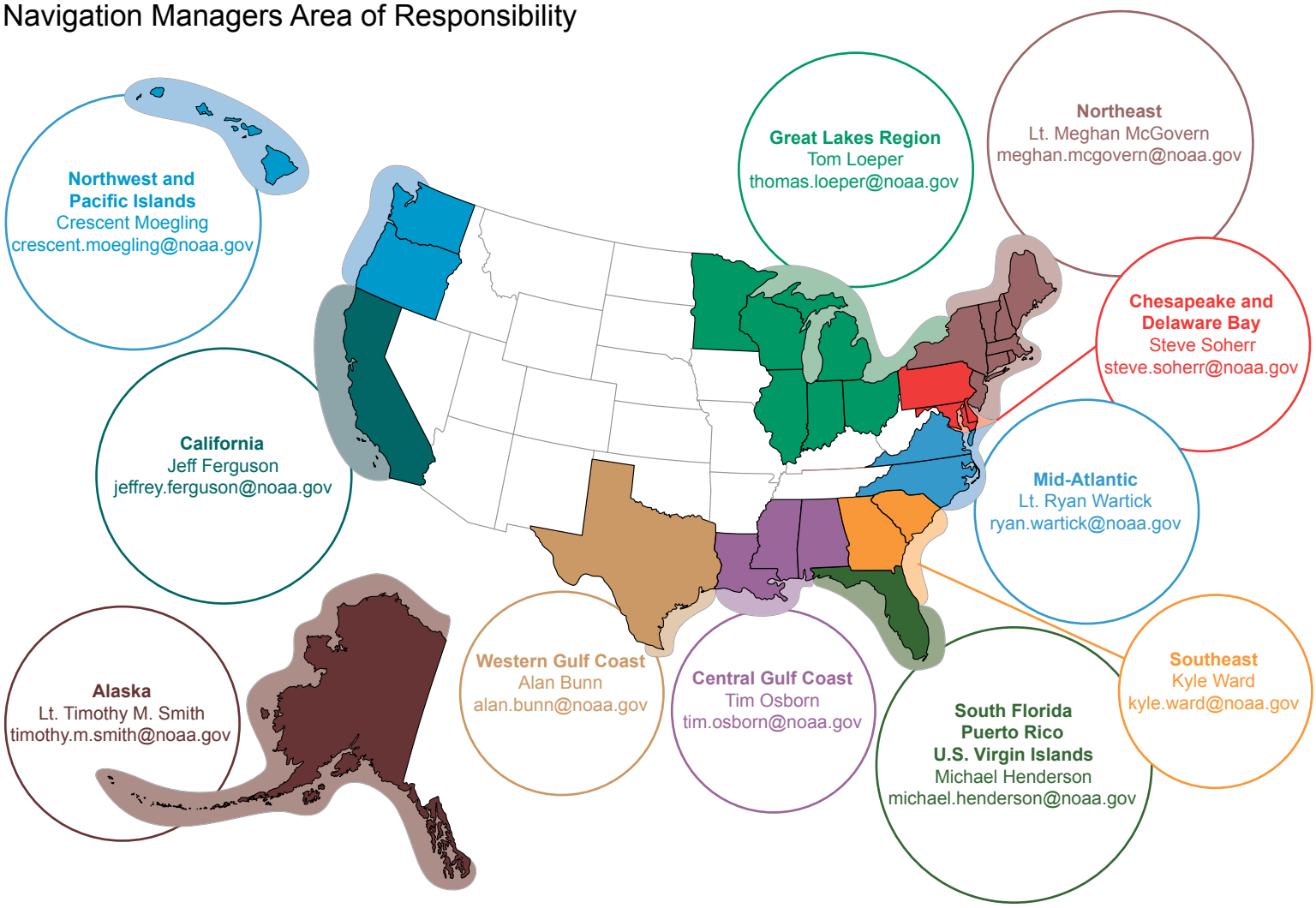



**(Selected Excerpts from Coast Pilot)**
**Alligator Reef Light** (24°51'06"N., 80°37'06"W.), 136 feet above the water, is shown from a white, octagonal pyramidal skeleton tower with black top, on pile foundation, enclosing a square dwelling and stair cylinder.
**Indian Key Channel,** northwestward of Alligator Reef Light leads from the Straits of Florida east of **Lignumvitae Key** to Florida Bay. It is marked by daybeacons. The depth was 6 feet. The channel has a tendency to deepen with westerly winds and fill with southeasterly winds. Local knowledge is advised. The bridge across the channel has a clearance of 27 feet.
**Channel Five,** 8.4 miles westward of Alligator Reef Light, is a natural channel that had a depth of 7 feet. A strong current sets through the channel. Vessels drawing up to three feet can follow the marked route leading westward and northwestward in Florida Bay to Cape Sable and Flamingo.
**Flamingo,** on the north side of Florida Bay 9 miles east of East Cape (25°07'N., 81°05'W.), is a visitors center in **Everglades National Park**. A 300-foot tower and an 86-foot standpipe 0.3 mile northeast of the visitors center are prominent.
**Tennessee Reef Light** (24°44'48"N., 80°46'54"W.), 49 feet above the water, is shown from a small black house on a hexagonal, pyramidal skeleton tower on piles, 0.7 mile off the southwestern end of **Tennessee Reef.** A lighted buoy is about 5.6 miles northeast of the light.
**Long Key Anchorage,** 3 miles north-northwestward of Tennessee Reef Light, has soft bottom in depths of 15 to 18 feet, but it is exposed to southerly winds.
A partially submerged steel beam was 2.8 miles northwest of Tennessee Reef Light in about 24°46.5'N., 80°49.3'W.
**Turtle Shoal Anchorage,** 20 miles southwestward of Alligator Reef Light and 1 mile westward of **East Turtle Shoal** (24°43'30"N., 80°56'00"W.), 27 feet above the water, has a soft bottom in a depth of 27 feet. It is a fair anchorage in fine weather. **West Turtle Shoal** affords another anchorage in depths of 24 to 36 feet 1 mile to its westward. A 1-mile-square fish haven is immediately southward of West Turtle Shoal.
A well-protected yacht basin and a marina are at **Duck Key.** A private light and private daybeacons mark the channel entrance to Duck Key. A depth of 10 feet could be carried to the yacht basin, thence 5 feet to the marina beyond. Berths, electricity, gasoline, diesel fuel, and water are available at the yacht basin and marina. A launching ramp, ice, and marine supplies are available at the marina. Hotels and restaurants are nearby.
**Key Colony Beach,** 3 miles southwestward of Valhalla, is a protected harbor westward of **Fat Deer Key.** The depth was 9 feet in the entrance channel. The channel is marked by private daybeacons. Gasoline, diesel fuel, water, berthing with electricity, and a launching ramp are available.
**Florida Bay.**–Depths are shallow and irregular; the bottom is mostly mud. From April to October the waters of the bay are clear and the shoals plainly discernible, but during the winter the water frequently turns milky and renders the shoals indistinguishable.
A protected area of the **Everglades National Park** is in the northern part of Florida Bay.
For the protection of wildlife, all keys in the Florida Bay portion of Everglades National Park are closed to landing except those marked as designated camping areas. The killing, collecting, or molesting of animals, the collecting of plants, and waterskiing are prohibited by Federal Regulation.
**Manatees.**–Regulated **speed zones** for the protection of manatees are posted throughout the Everglades National Park.

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

| | | |
|---|---|---|
| RCC Miami | Commander<br>7th CG District<br>Miami, FL | (305) 415-6800 |

# 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*.

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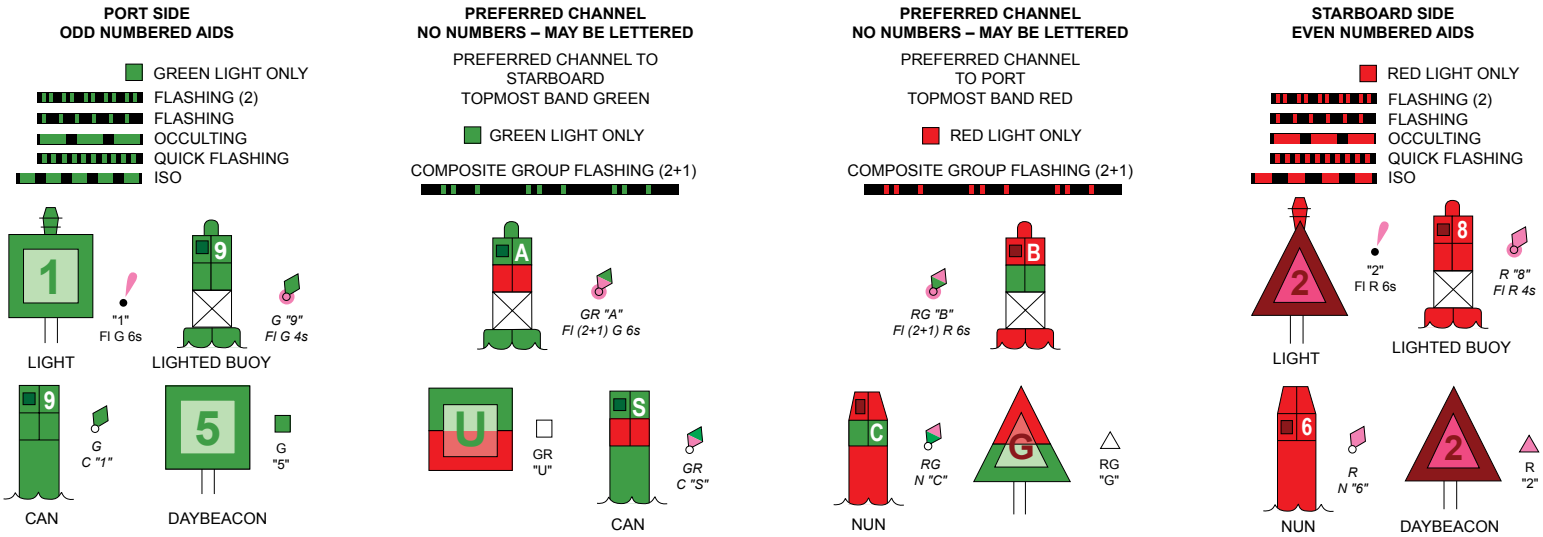
# Lateral System As Seen Entering From Seaward

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*

11452

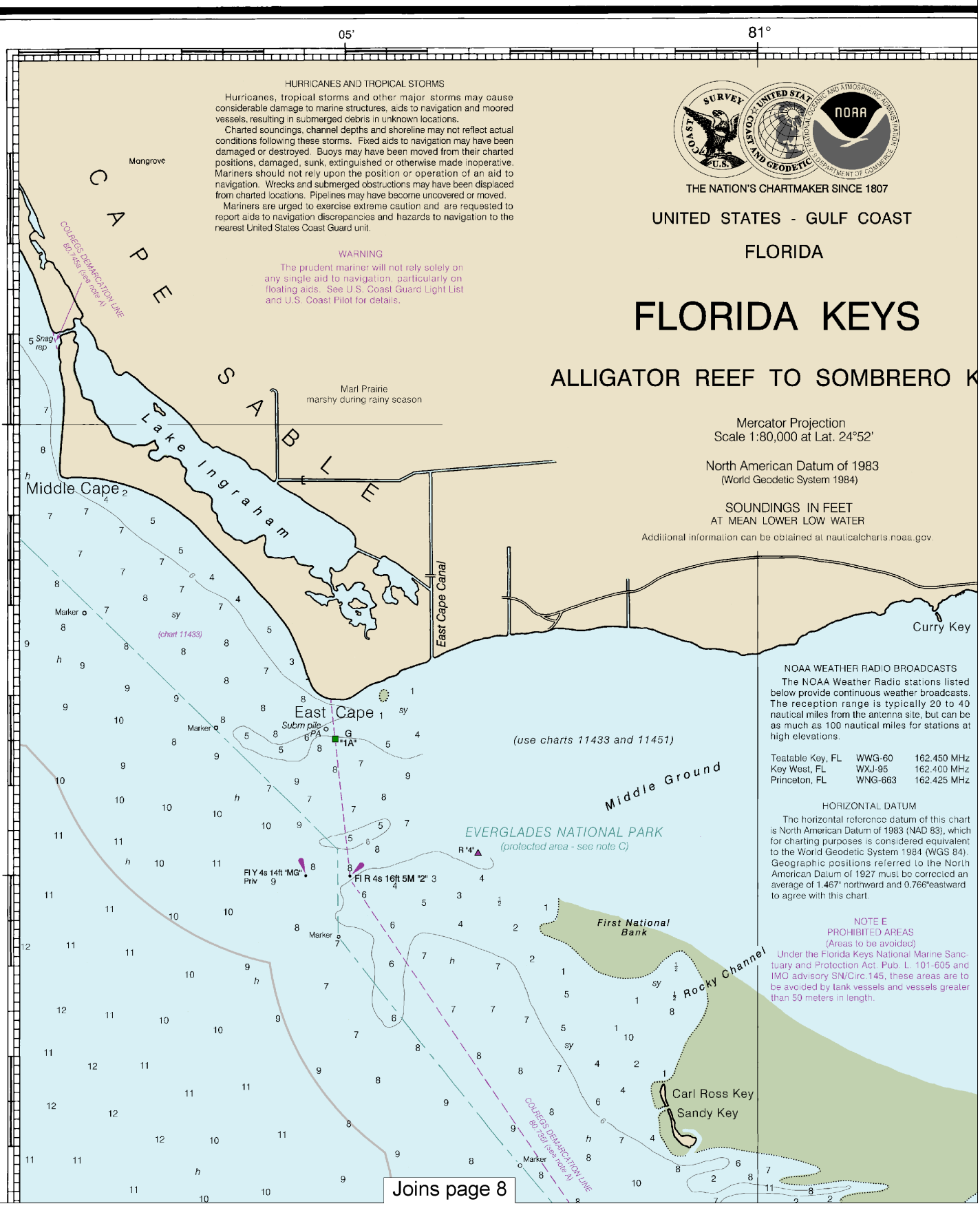
POLLUTION REPORTS

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.

NOAA encourages users to submit inquiries, discrepanc about this chart at http://www.nauticalcharts.noaa.gov/staff/c




Joins page 8

4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

See Note on page 5.

ncies or comments
f/contact.htm.

Formerly C&GS 1250, 1st Ed., June 1921 G-1940-525 KAPP 354

55' 50' 45'

For Symbols and Abbreviations see Chart No. 1

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

CAUTION

Overhead power cables run parallel to Highway No. 1 from Tavernier to Big Coppitt Key. All vertical clearances are greater then those of the adjacent fixed bridges. Cables are submerged at movable spans of drawbridges.

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) o(Approximate location)

AIDS TO NAVIGATION

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

Nautical Mile
1 ½ 0 1 2 3

Yards
1000 0 2000 4000

AUTHORITIES

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

TIDAL INFORMATION

| PLACE | | Height referred to datum of soundings | | |
|---|---|---|---|---|
| NAME | (LAT/LONG) | Mean Higher High Water | Mean High Water | M Low |
| | | feet | feet | f |
| Flamingo, Florida | (25°09'N/80°55'W) | 2.5 | 2.3 | ( |
| Alligator Reef, Hawk Channel, FL | (24°51'N/80°37'W) | 2.2 | 2.1 | ( |
| Boot Key Harbor Bridge, Boot Key, FL | (24°42'N/81°06'W) | 2.0 | 1.8 | ( |

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

(Jun 2014)

KEY

Snake Bight

Gibby Pt

Buttonwood Canal

Hotel

STANDPIPE
MICRO TOWER

Flamingo
(Visitors Center)

Flamingo Ranger Station

Bradley Key

Christian Pt

Joe Kemp Key

(use charts 11433 and 11451)

Porpoise Pt

Mangrove

Shark Pt

Otter Key

Derelict Key

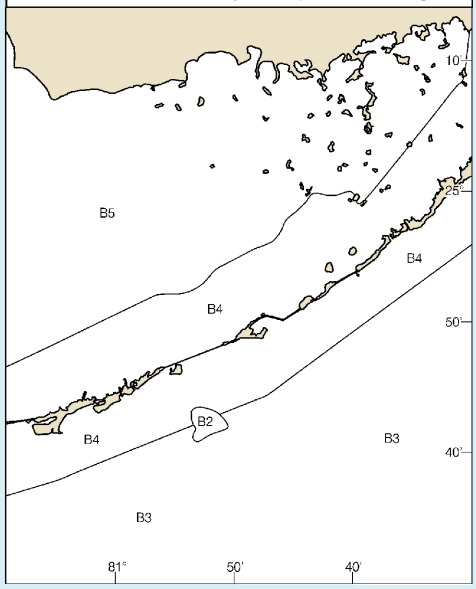
Mosquito Pt

Joins page 6

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 | | | |
|---|---|---|---|
| B2 | 1970-1989 | NOS Surveys | partial bottom coverage |
| B3 | 1940-1969 | NOS Surveys | partial bottom coverage |
| B4 | 1900-1939 | NOS Surveys | partial bottom coverage |
| B5 | Pre-1900 | NOS Surveys | partial bottom coverage |




Palm Key

Cormorant Key

Frank Key

Murray Key

Oyster Keys

Catfish Key

Curlew Key

Clive Key

Pelican Keys

Dildo Key

Johnson Key

Man of War Channel

Man of War Key

Cluett Key

Whipray Keys

Corinne

Joins page 9

This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:106666. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

Formerly C&GS 1250, 1st Ed., June 1921 G- 1940- 525 KAPP 354

50' 45'

ations see Chart No. 1

for Preventing Collisions at Sea, 1972.
own thus: — — — —

ON
parallel to Highway No. 1
Key. All vertical clearances
acent fixed bridges. Cables
ans of drawbridges.

ON
e of radio signals as
can be found in the
Lists and National
ency Publication 117.
earings to commercial
subject to error and
ion.
own thus:
Approximate location)

VIGATION
Guard Light List for
concerning aids to

Nautical Miles
1 ½ 0 1 2 3 4 5 6

Yards
1000 0 2000 4000 6000 8000 10000

AUTHORITIES

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

TIDAL INFORMATION

| PLACE | | Height referred to datum of soundings (MLLW) | | |
|---|---|---|---|---|
| NAME | (LAT/LONG) | Mean Higher High Water | Mean High Water | Mean Low Water |
| | | feet | feet | feet |
| Flamingo, Florida | (25°09'N/80°55'W) | 2.5 | 2.3 | 0.3 |
| Alligator Reef, Hawk Channel, FL | (24°51'N/80°37'W) | 2.2 | 2.1 | 0.2 |
| Boot Key Harbor Bridge, Boot Key, FL | (24°42'N/81°06'W) | 2.0 | 1.8 | 0.2 |

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.

(Jun 2014)

H
Heights in feet a

C
Improved channel
subject to shoaling,

C
Temporary cha
navigation are not i
Local Notice to Mar

SUPPLEMEN
Consult U.S. C
supplemental infor

Mangrove

Mangrove

Snake Bight

Gibby Pt

Porpoise Pt

(use charts 11433 and 11451)

Shark Pt

Otter Key

Derelict Key

Crocodile Pt

Terrapin P

Christian Pt

Joe Kemp Key

Mosquito Pt

Big Key

Joins page 5

SOURCE DIAGRAM

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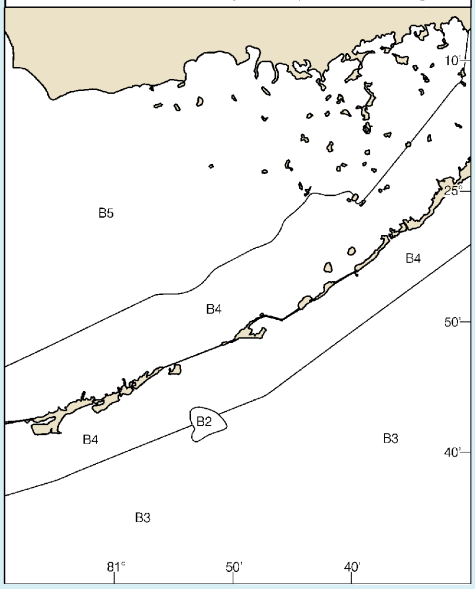
| B3 | 1940-1969 | NOS Surveys | partial bottom coverage |
| B4 | 1900-1939 | NOS Surveys | partial bottom coverage |
| B5 | Pre-1900 | NOS Surveys | partial bottom coverage |




Palm Key

Cormorant Key

rank
Key

Curlew Key

Samphire
Keys

End Key

Buttonwood Keys

Pelican Keys

Dildo Key

Johnson Key

Coon Key

Whipray Keys

Caluc

F L O R

Corinne Key

Cluett Key

Man of War Key

Joins page 10

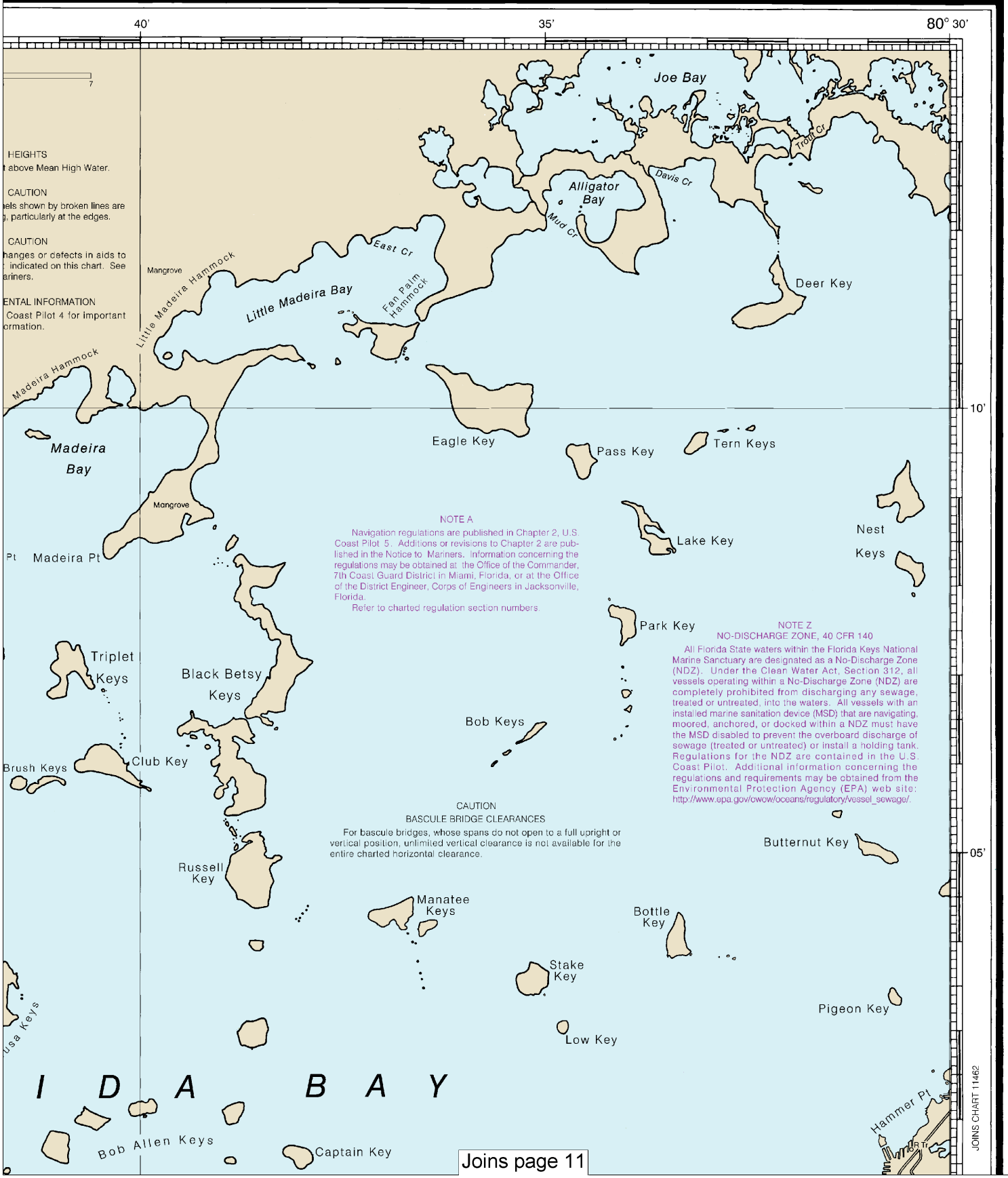
6

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

Nautical Miles
1 0 1 2 3 4 5 6 7

Yards
1000 0 2000 4000 6000 8000 10000




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.

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140

All Florida State waters within the Florida Keys National Marine Sanctuary are designated as a No-Discharge Zone (NDZ). 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/.

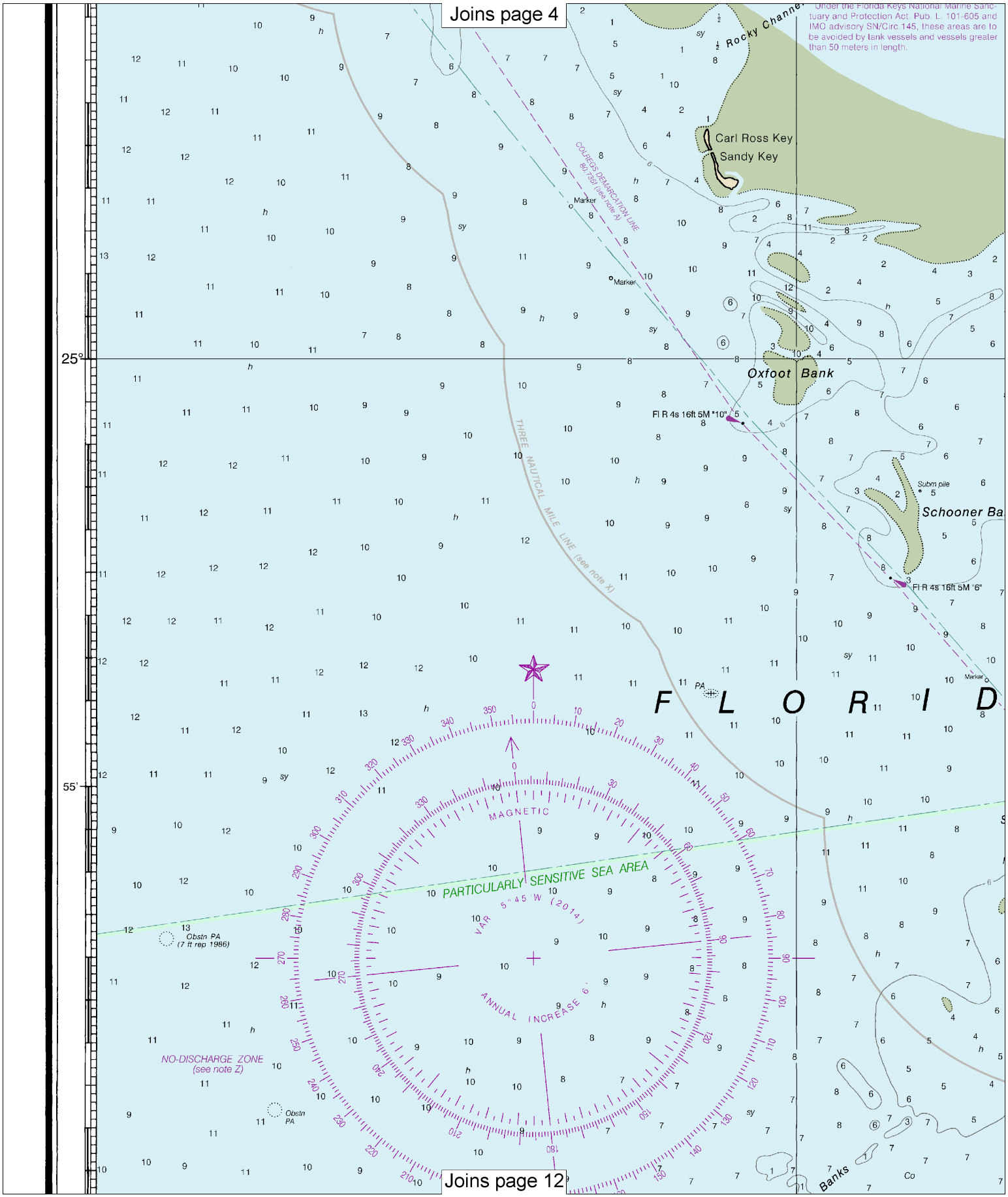
CAUTION
BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

Joins page 11



Last Correction: 3/17/2016. Cleared through:
LNM: 2416 (6/14/2016), NM: 2716 (7/2/2016)




8

Note: Chart grid lines are aligned with true north.

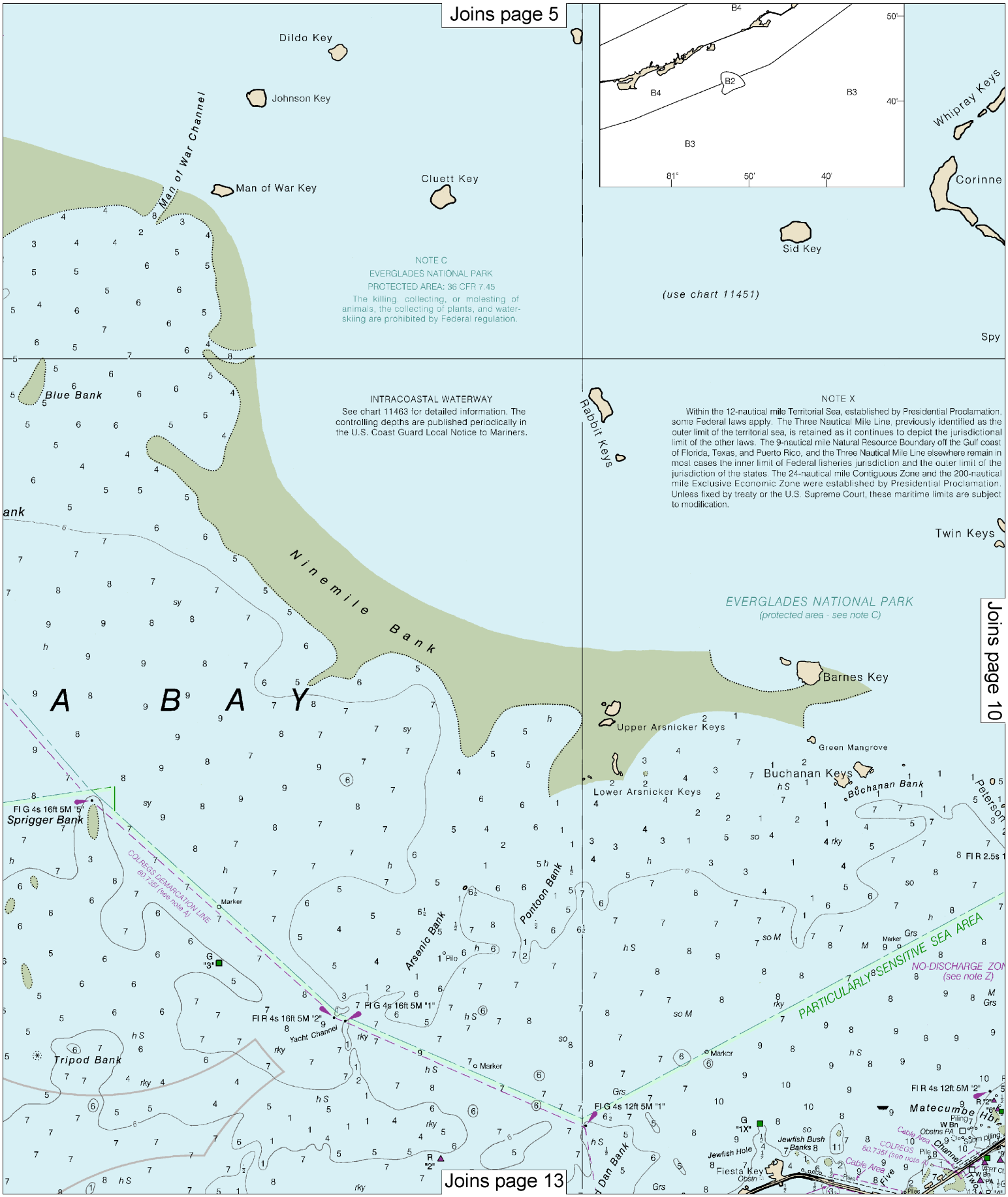
Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

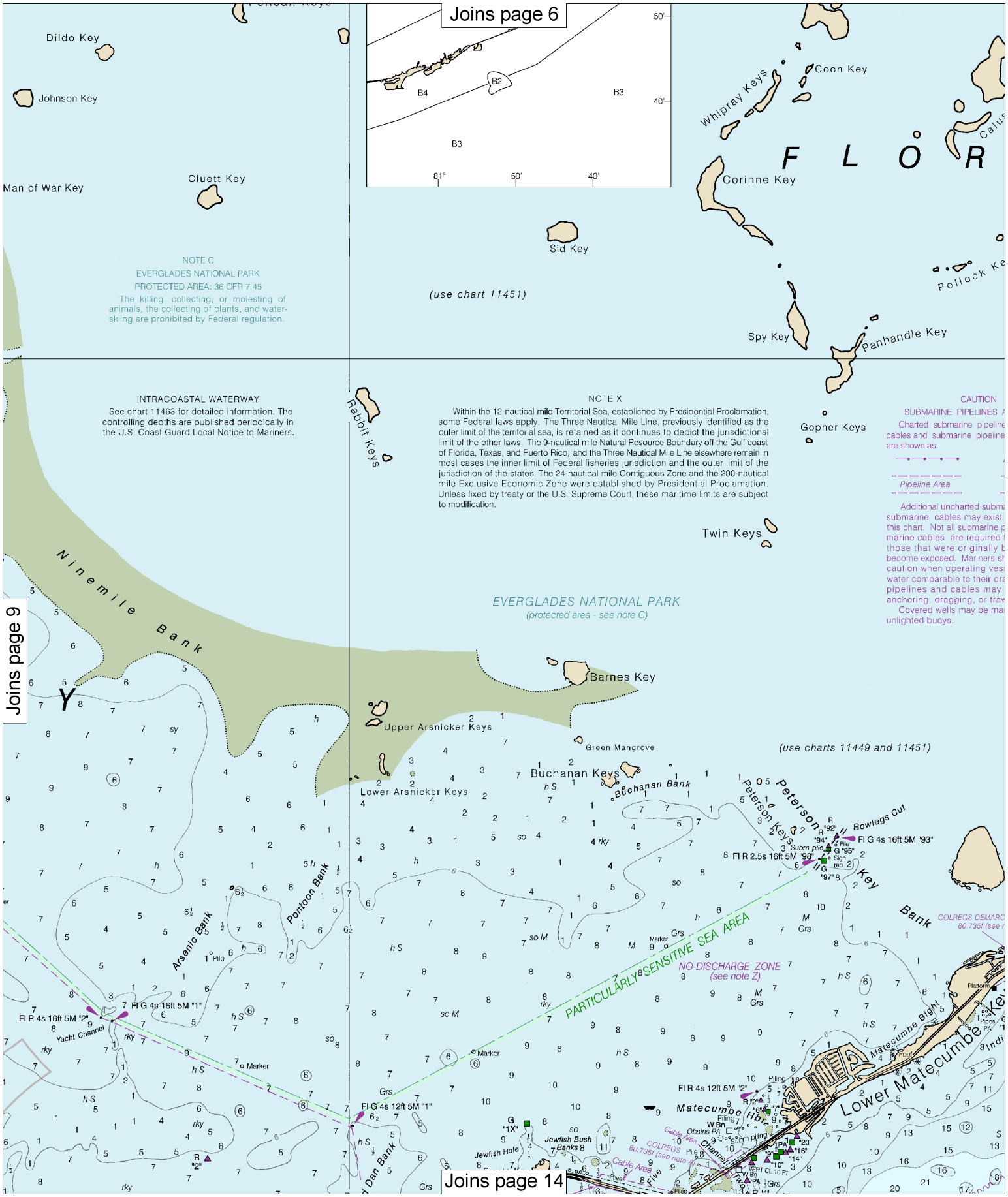
Nautical Miles

1 0 1 2 3 4 5 6 7

Yards

1000 0 2000 4000 6000 8000 10000


Joins page 5
Dildo Key
Johnson Key
Man of War Channel
Man of War Key
Cluett Key
Whipray Keys
Corinne
Sid Key
(use chart 11451)
Spy
NOTE C
EVERGLADES NATIONAL PARK
PROTECTED AREA: 36 CFR 7.45
The killing, collecting, or molesting of animals, the collecting of plants, and water-skiing are prohibited by Federal regulation.
Blue Bank
INTRACOASTAL WATERWAY
See chart 11463 for detailed information. The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.
Rabbit Keys
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.
Twin Keys
Ninemile Bank
EVERGLADES NATIONAL PARK
(protected area - see note C)
Joins page 10
A B A Y
Barnes Key
Upper Arsnicker Keys
Green Mangrove
Buchanan Keys
Buchanan Bank
Lower Arsnicker Keys
Sprigger Bank
Fl G 4s 16ft 5M "5"
COLREGS DEMARCATION LINE
Arsenic Bank
Pontoon Bank
Fl R 4s 16ft 5M "2"
Fl G 4s 16ft 5M "1"
Yacht Channel
Tripod Bank
PARTICULARLY SENSITIVE SEA AREA
NO-DISCHARGE ZONE
(see note Z)
Fl G 4s 12ft 5M "1"
Fl R 4s 12ft 5M "2"
Matecumbe Hbr
Jewfish Hole
Jewfish Bush Banks
Fiesta Key
Cable Area
Joins page 13





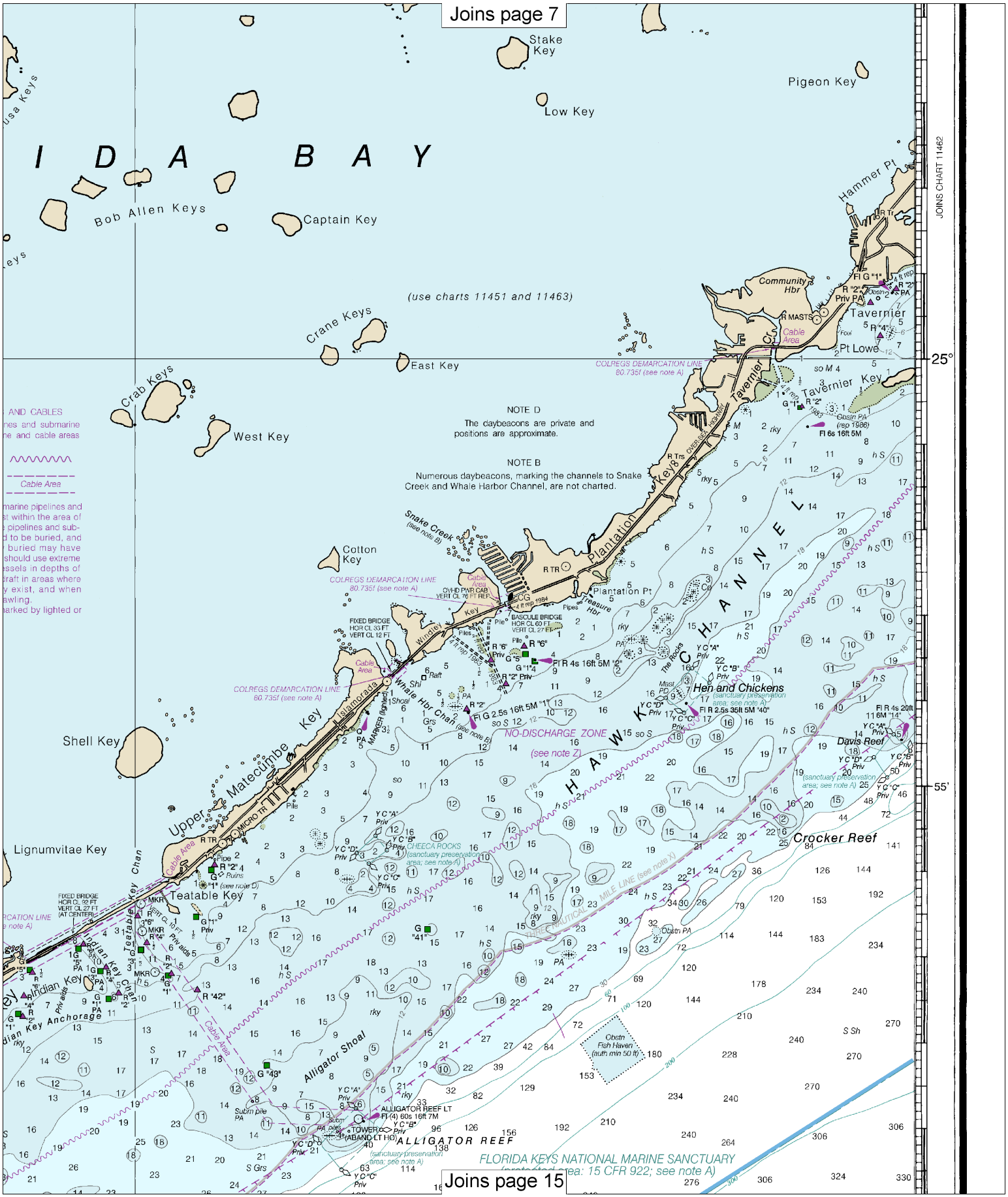

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

Nautical Miles: 1 0 1 2 3 4 5 6 7

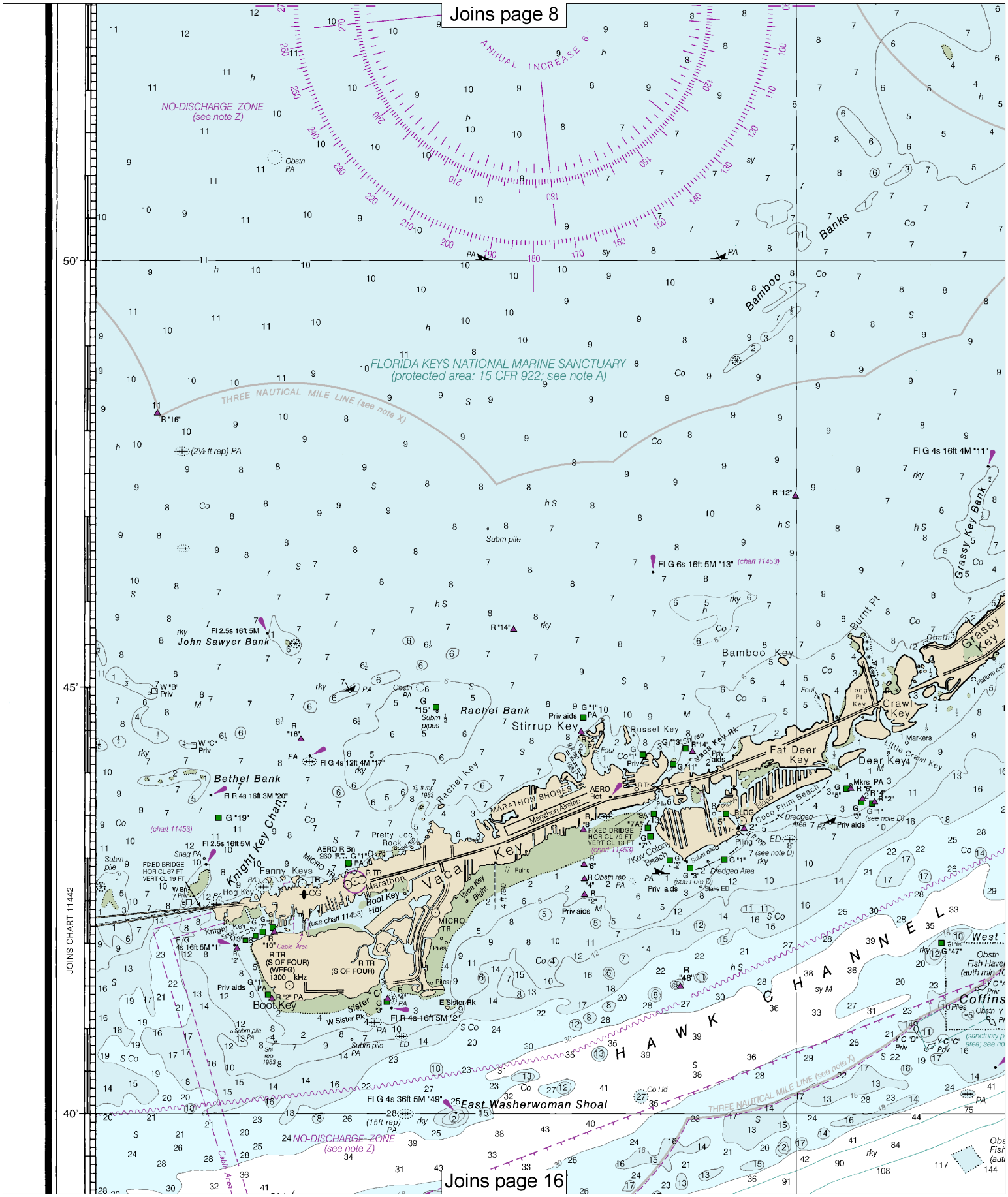
Yards: 1000 0 2000 4000 6000 8000 10000

Joins page 7




Joins page 15

Joins page 8




Joins page 16

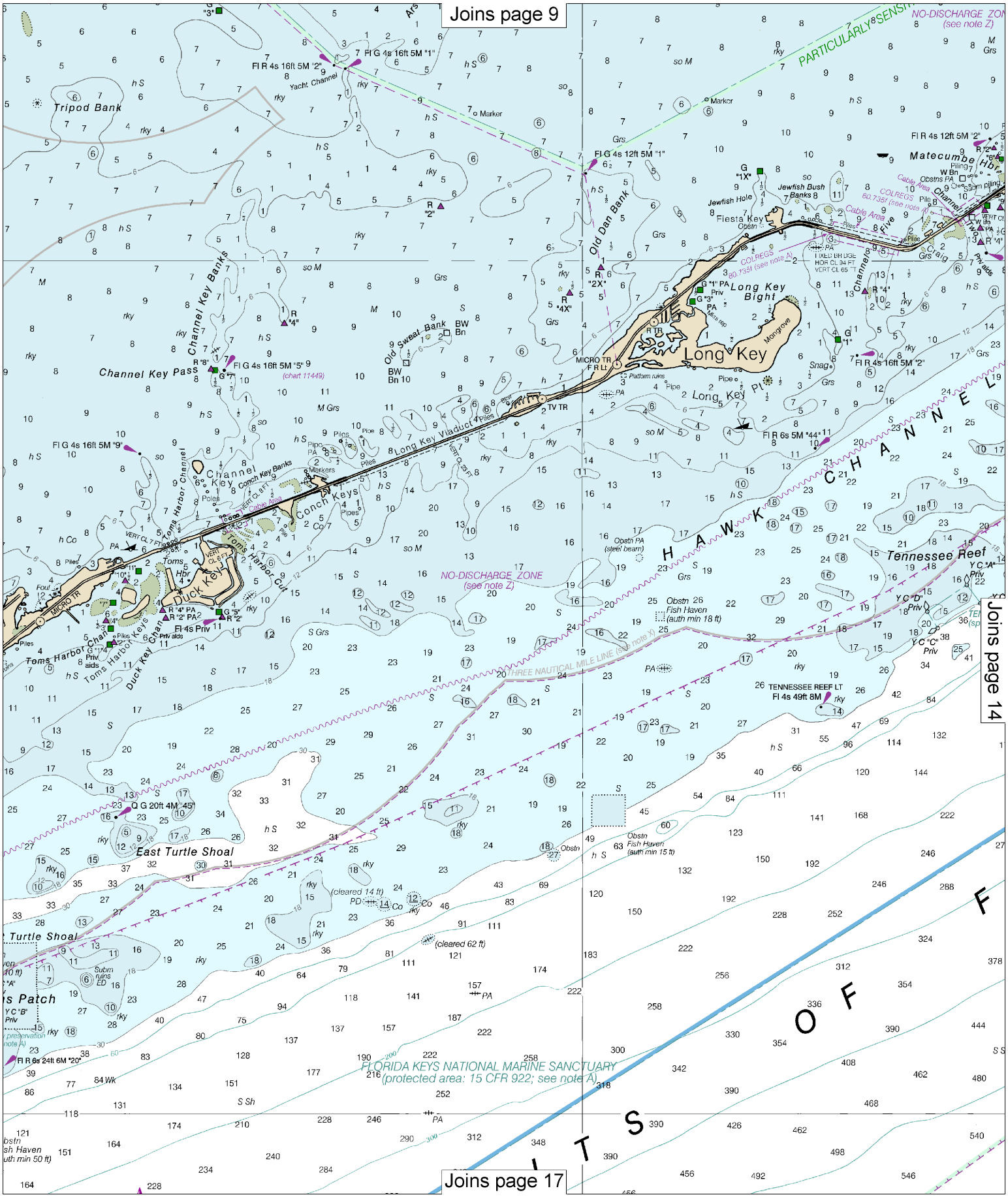


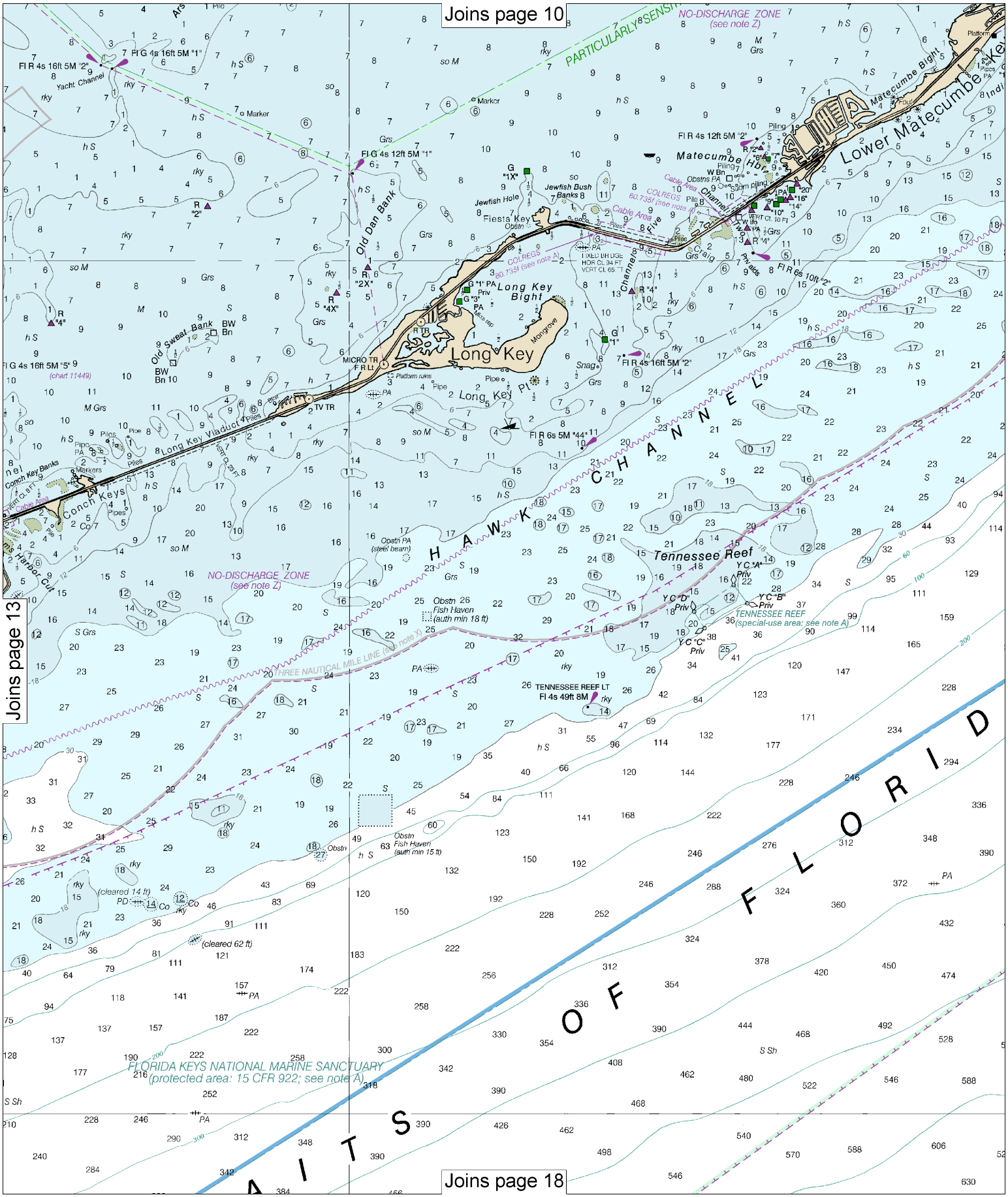
Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000


Joins page 9
Joins page 14
Joins page 17
Tripod Bank
Yacht Channel
Old Dan Bank
Fiesta Key
Jewfish Hole
Jewfish Bush Banks
Matecumbe Hbr
Channel Key Banks
Channel Key Pass
Old Sweat Bank
Long Key Bight
Long Key
Long Key Pt
Long Key Viaduct
Channel Key
Conch Key Banks
Conch Keys
Toms Harbor Channel
Toms Harbor Cut
Duck Key
Duck Key Chan
Toms Harbor Keys
Toms Harbor Chan
HAWK CHANNEL
Tennessee Reef
NO-DISCHARGE ZONE (see note Z)
PARTICULARLY SENSITIVE
THREE NAUTICAL MILE LINE (see note X)
East Turtle Shoal
Turtle Shoal
FLORIDA KEYS NATIONAL MARINE SANCTUARY (protected area: 15 CFR 922; see note A)
Fl R 4s 16ft 5M "2"
Fl G 4s 16ft 5M "1"
Fl G 4s 12ft 5M "1"
Fl R 4s 12ft 5M "2"
Fl G 4s 16ft 5M "5"
Fl G 4s 16ft 5M "9"
Fl R 6s 5M "44"
Fl 4s Priv
Q G 20ft 4M "45"
Fl R 6s 24ft 6M "20"
TENNESSEE REEF LT
Fl 4s 49ft 8M
Obstn Fish Haven (auth min 18 ft)
Obstn Fish Haven (auth min 15 ft)
(cleared 14 ft)
(cleared 62 ft)
(chart 11449)




Joins page 18



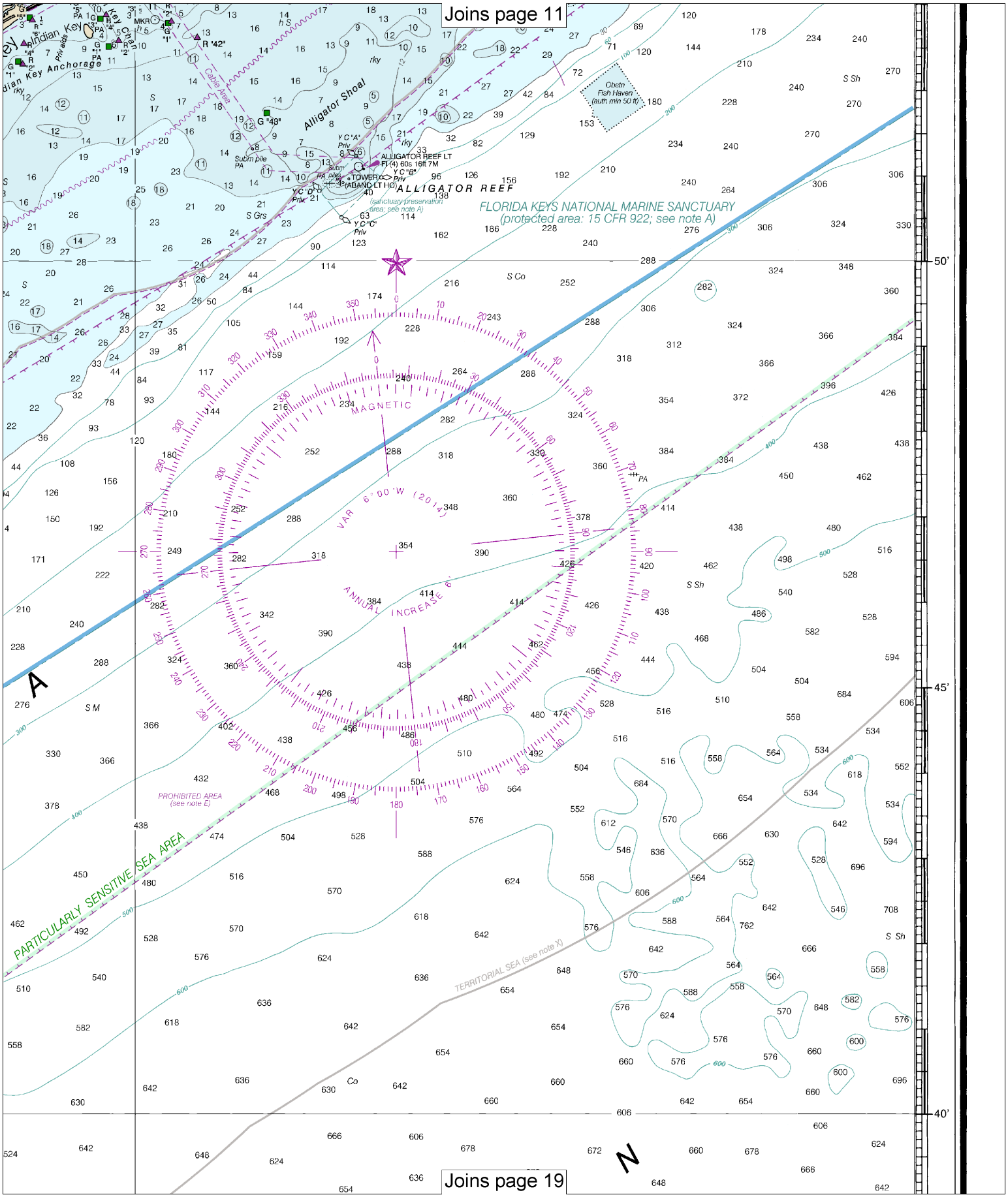
Note: Chart grid lines are aligned with true north.

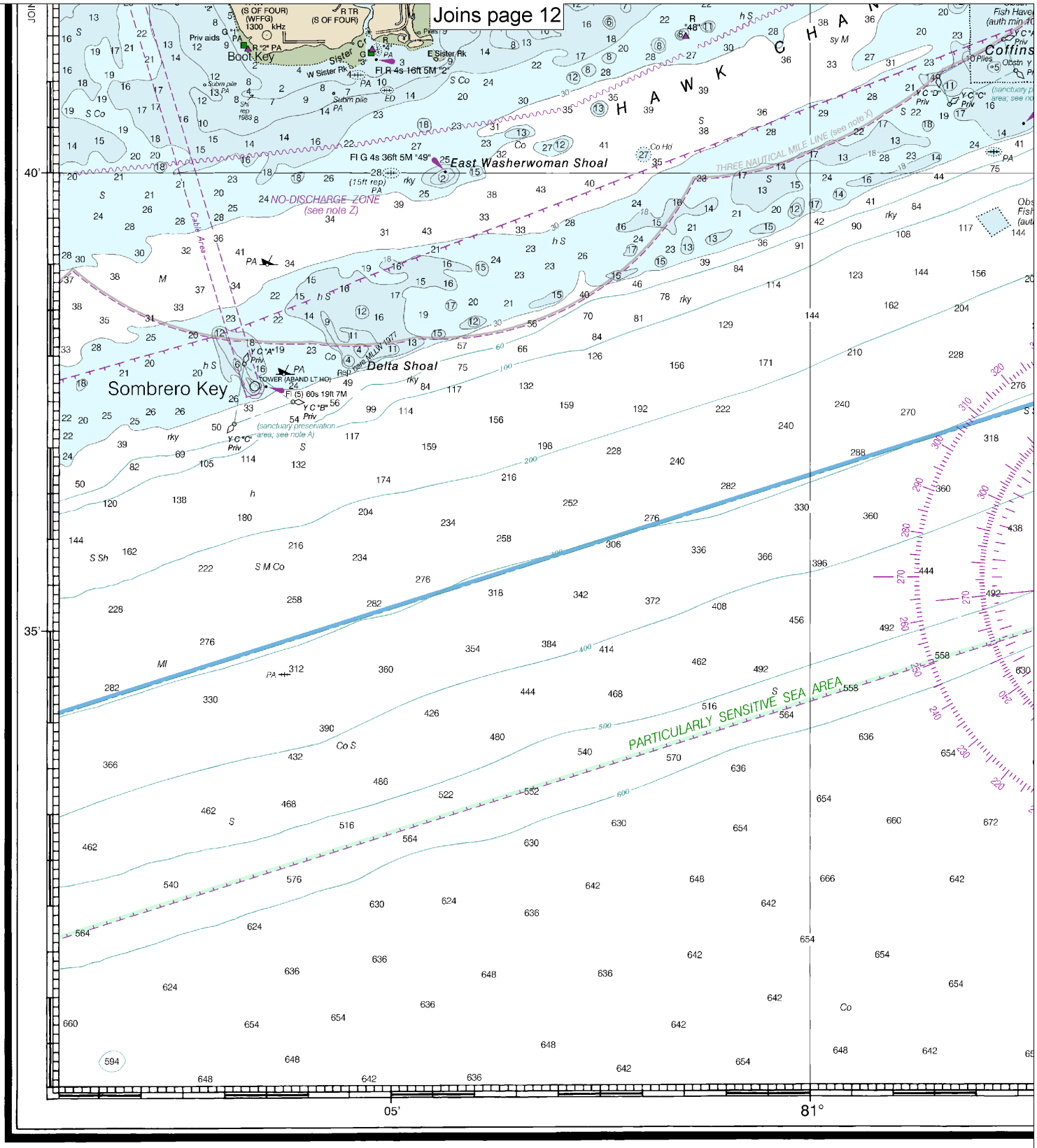
Printed at reduced scale. ~~SCALE 1:80,000~~

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

See Note on page 5.


Joins page 11
Joins page 19
Indian Key Anchorage
Alligator Shoal
Cable Area
ALLIGATOR REEF
ALLIGATOR REEF LT
Fl (4) 60s 16ft 7M
TOWER
(ABAND LT HO)
Obstn
Fish Haven
(auth min 50 ft)
FLORIDA KEYS NATIONAL MARINE SANCTUARY
(protected area: 15 CFR 922; see note A)
(sanctuary preservation area; see note A)
MAGNETIC
VAR 6°00'W (2014)
ANNUAL INCREASE 6'
PROHIBITED AREA
(see note E)
PARTICULARLY SENSITIVE SEA AREA
TERRITORIAL SEA (see note X)
50'
45'
40'
N




23rd Ed., Sep. 2014

# 11452

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.

SOUNDINGS IN FE

Last Correction: 3/17/2016. Cleared through:
LNM: 2416 (6/14/2016), NM: 2716 (7/2/2016)

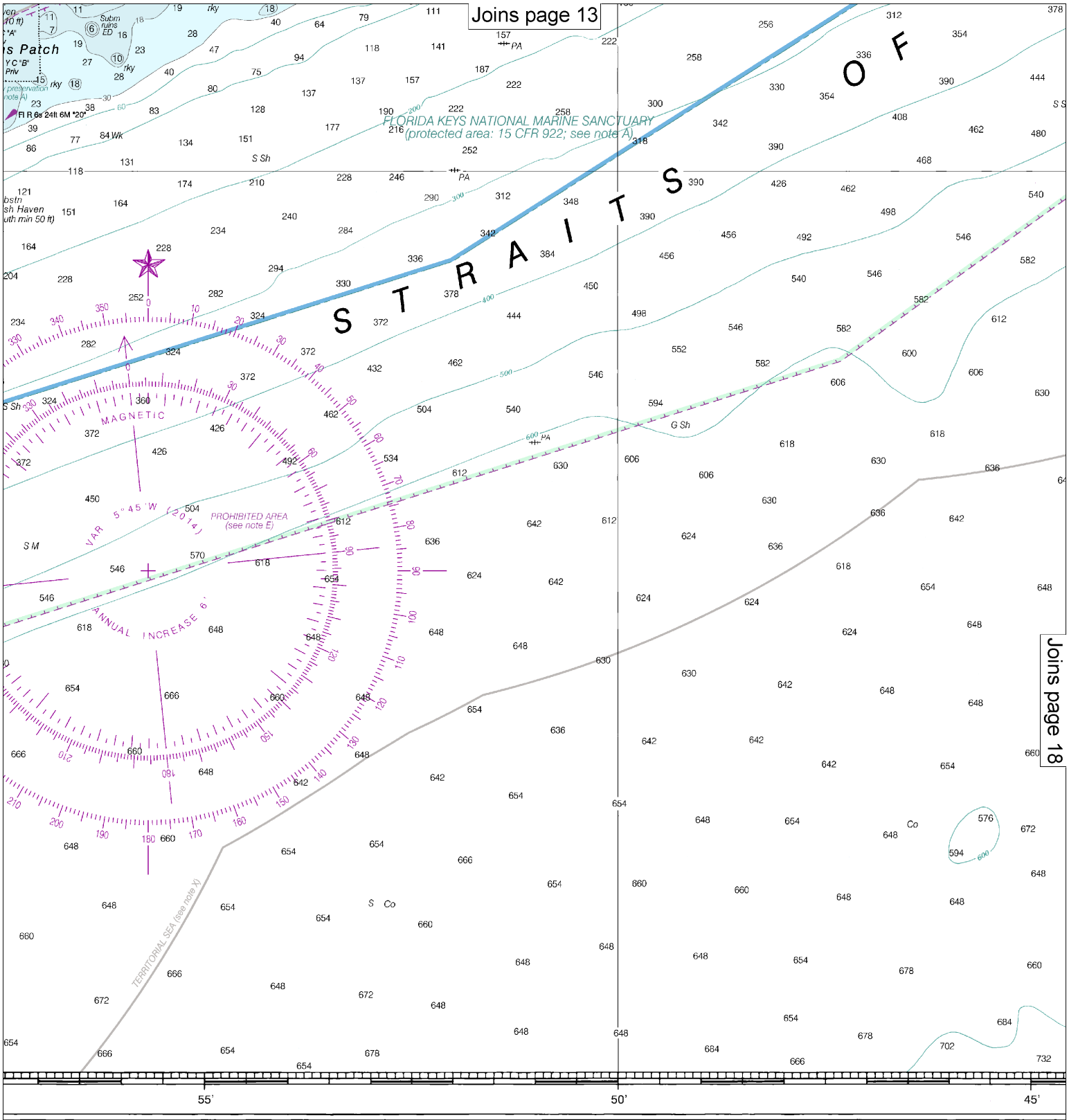


Note: Chart grid lines are aligned with true north.

Printed at reduced scale. ~~SCALE 1:80,000~~ See Note on page 5.

Nautical Miles: 1 0 1 2 3 4 5 6 7

Yards: 1000 0 2000 4000 6000 8000 10000

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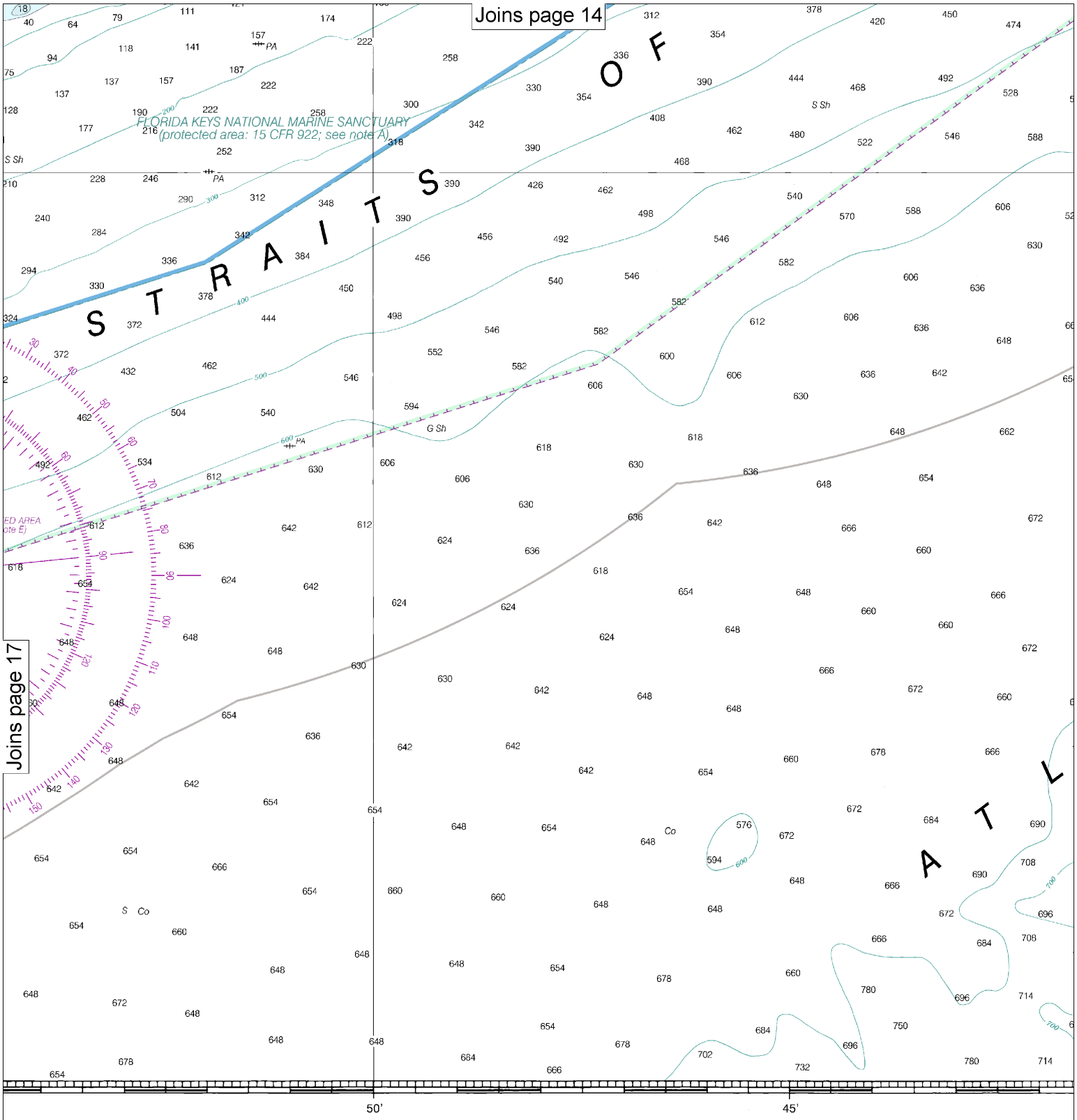
NATIONAL OCEAN SERVICE
COAST SURVEY

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Nautical Miles

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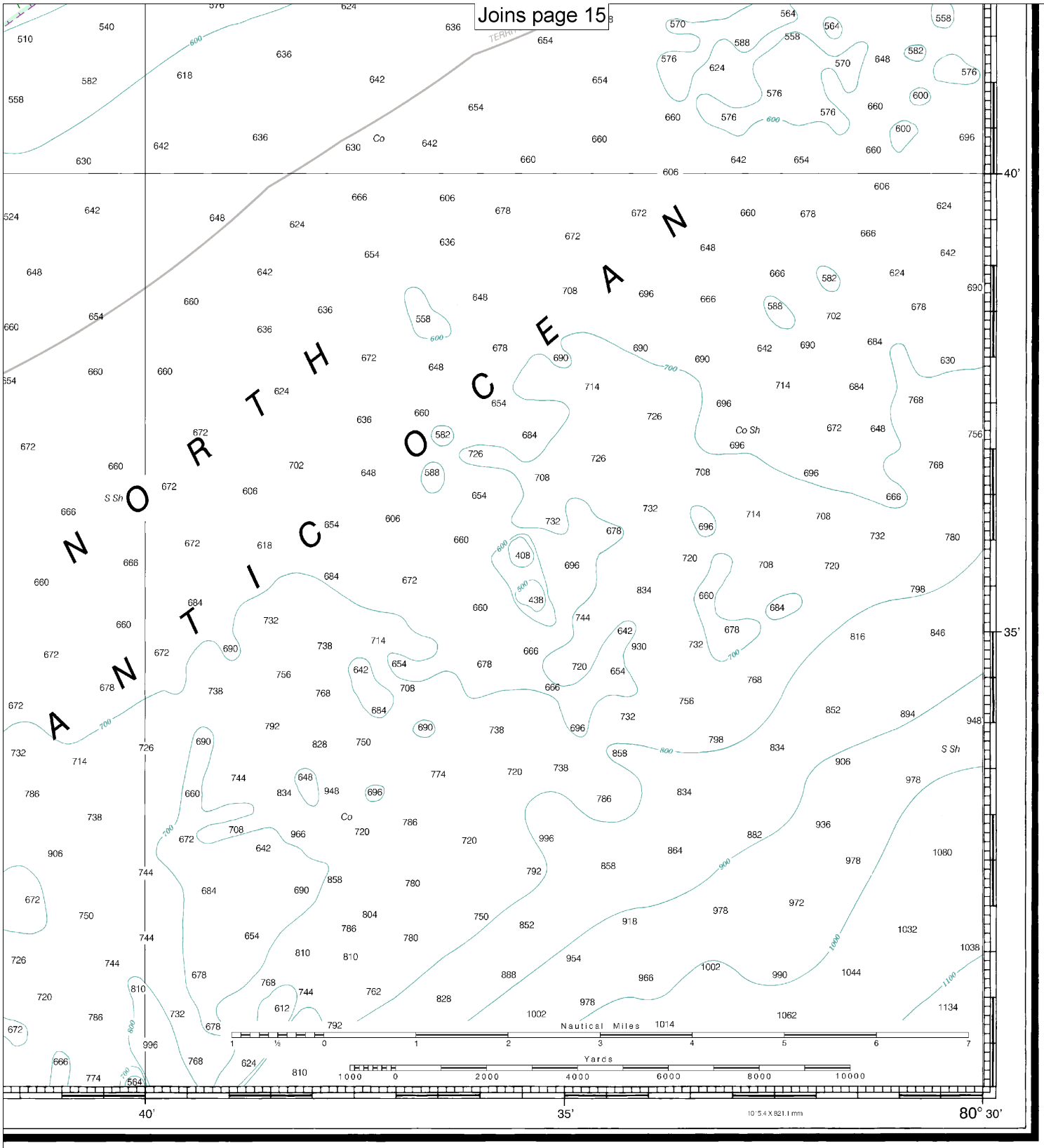
Yards

1000 0 2000 4000 6000 8000 10000

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 102 | |
| METERS | 1 2 3 4 5 6 7 8 9 10 11 12 13 | 14 15 16 17 18 19 20 21 22 | 23 24 25 26 27 28 29 30 31 | | | | | | | | | | | | | | | |

Alligator Reef to Sombrero Key

SOUNDINGS IN FEET - SCALE 1:80,000

11452

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** |

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Note on Printing

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.

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