BookletChart[™]



Crystal River to Horseshoe Point NOAA Chart 11408

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 <u>www.NauticalCharts.NOAA.gov</u> 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 BookletChartTM?

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=114 http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=114 http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=114



A channel, marked by lights, leads E from the Gulf for 14 miles to a turning basin at the Power plant 2 miles NW of Crystal River entrance. The channel had a depth of 20

[Coast Pilot 5, Chapter 9 excerpts].

feet. The power plant has a T-head pier with 500 feet of berthing space and 20 feet alongside. Fresh water and electrical shorepower connections are available. **Cross Florida Greenway** enters the Gulf 3.0 miles N of the Crystal River power plant. The channel, marked by lights and

daybeacons, can be approached by the two outermost reaches of the powerplant entrance channel that are in line with the Greenway canal.

The approach channel had a centerline depth of 11 feet. The canal is open to barge traffic, but also used by pleasure boats.

Chart 11408.-A privately dredged channel, marked by private lights, leads E from the Gulf for about 14 miles to a turning basin at the Florida Power Corporation's Crystal River powerplant about 2 miles NW of Crystal River entrance. In May 1982, the channel had a reported controlling depth of 20 feet. The inner end of the channel is protected by two dikes extending to shore. The N dike is about 3 miles long, and the S dike about 2 miles long. Spoil banks extend along the N side of the channel for about 3.5 miles seaward from the end of the N dike. Two stacks on the N side of the turning basin, four stacks in about 28°58.0'N., 82°41.8'W., several cooling towers, and the powerplant are conspicuous. The stacks at the turning basin, with alternating bands of white and red, are marked on top by flashing red lights, and by fixed and flashing red lights on the lower section. The 600-foot stacks to the N and the cooling towers are marked by strobe lights. The powerplant has a Thead pier with 500 feet of usable berthing space and 20 feet reported alongside. The pier is used to unload coal from barges. Fresh water and electrical shore-power connections are available.

Withlacoochee River rises in the central part of the Florida Peninsula and empties into the Gulf about 17 miles SE of Cedar Keys. Withlacoochee River Entrance Light 1 (28°58'06"N., 82°49'42"W.), 16 feet above the water and shown from a pile with a green square daymark, marks the approach.

A dredged channel leads from the Gulf to a turning basin at Inglis, about 7 miles above the mouth.

Currents.–Off the mouth of the river, a tidal current sets E during the flood and W during the ebb. The ebb has a reported velocity of 3 knots at times; this must be taken into account by vessels coming in from the entrance buoy. A strong NE wind may increase the velocity of the ebb current and a SW wind may decrease it.

Manatees.—Regulated speed zones and a caution zone for the protection of manatees are in the Withlacoochee River and its approaches. (See Manatees, chapter 3.)

Waccasassa River, 10 miles N of Withlacoochee River, has the extensive Waccasassa Reefs off its entrance. A channel marked by private daybeacons leads E of the reefs and, in May 1982, had a reported controlling depth of 2 feet with greater depths inside the river. A public launching ramp and a marina are on the N shore about 4 and 4.3 miles, respectively, above the mouth. The marina is in a small basin. Gasoline, berths, water, ice, some marine supplies, and a launching ramp are available.

A submerged wreck with 7 feet of water over it is about 3.5 miles ESE of Seahorse Reef Light in about 28°57.7'N., 83°05.4'W.

Main Ship Channel, a dredged channel, leads from the Gulf in a general NE direction between East Bank nd West Bank, E of Seahorse Key and Grassy Key; thence by a crooked and winding channel W of Atsena Otie Key into Cedar Key Harbor. In August 1997, the centerline controlling depth was 7 feet. The channel is well marked by lights and daybeacons. Extreme caution must be exercised at two hairpin curves.

Fog.—This area has considerable fog during the winter; S winds bring it in, and N winds clear it away.

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

RCC New Orleans

Commander 8th CG District (504) 589-6225 New Orleans, LA

Navigation Managers Area of Responsibility



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









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.





Note: Chart grid lines are aligned with true north.





Use NOAA electronic navigational charts for the most up-to-date information. 31st Ed., Jun. 2018. Last Correction: 6/12/2020. Cleared through: LNM: 2920 (7/21/2020), NM: 3020 (7/25/2020)

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POLLUTION REPORTS

National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone com-munication is impossible (33 CFR 153).

Report all spills of oil and hazardous substances to the

2000

2000

6000

Meters

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important

AIDS TO NAVIGATION

4000

supplemental information

Joins page 13 ult U.S. Coast Guard Light List for Intal information concerning aids to

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CAUTION SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarin cables and submarine pipeline and cable areas

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 Note: Chart grid
 Printed at reduced scale.
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 Statical Miles

 Ines are aligned with true north.
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|  | Note: Chart grid lines are aligned | Printed at reduced scale. |            |      | CALE 1:8<br>Nautical M | <del>30,000 _</del><br>Miles | See Note on page 5. |       |   |
|--|------------------------------------|---------------------------|------------|------|------------------------|------------------------------|---------------------|-------|---|
|  |                                    |                           | 1          | 2    | 3<br>Yards             | 4                            | 5                   | 6     | 7 |
|  | with true north.                   | 1000                      | - <u>-</u> | 2000 | 4000                   | 6000                         | 8000                | 10000 |   |





Use NUAA electronic navigational charts for the most up-to-date infor 31st Ed., Jun. 2018. Last Correction: 6/12/2020. Cleared through: LNM: 2920 (7/21/2020), NM: 3020 (7/25/2020)



Note: Chart grid lines are aligned with true north.











lines are aligned 1000 0 with true north.

Yards 2000 6000 4000





# VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications. **Channel 9** – Communications between boats and ship-to-coast.

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

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

vessels. Contact the other vessel, agree to another channel, and then switch. Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here. Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

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

### **Distress Call Procedures**

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."

• Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.

- Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



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

## **Quick References**

|                                                                                                     | Nautical chart related products and information         | — | http://www.nauticalcharts.noaa.gov                               |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------|---|------------------------------------------------------------------|
|                                                                                                     | Interactive chart catalog<br>Report a chart discrepancy |   | http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml         |
|                                                                                                     |                                                         |   | 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<br>NowCoast web portal for coastal conditions<br>National Weather Service |                                                         | — | http://www.ndbc.noaa.gov/                                        |
|                                                                                                     |                                                         | — | http://www.nowcoast.noaa.gov/                                    |
|                                                                                                     |                                                         | — | 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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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.