Charleston Harbor
NOAA Chart 11524

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
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=11524

(Selected Excerpts from Coast Pilot)

Charleston Harbor is the approach to Charleston and the Cooper, Wando and Ashley Rivers. The harbor is easy of access day or night in clear weather, and is one of the best harbors of refuge on the South Atlantic coast.

Small craft should take precautions whenever anchoring or mooring in proximity to the main shipping channels by always maintaining a proper lookout, displaying proper navigational lights, and exercising good seamanship. Small craft are subject to the hydraulic and hydrodynamic effects generated by deep-draft vessels passing in the shipping channels even when such deep-draft vessels are proceeding at slow speeds. These effects can cause extreme surging and, in shallow water, can generate high waves. Vessels anchored in shallow water seeing the approach of a deep-draft vessel should get underway and meet these potential hydraulic and dynamic effects in a safe and seamanlike manner. Small craft should never anchor by the stern nor should they moor to the rock jetties, aids to navigation or bridge abutments southeast of Charleston Harbor. They are used extensively by the U.S. Navy and other military services to conduct various types of surface, subsurface, and aircraft training exercises. Fleet Area Control and Surveillance Facility (FACSFAC), Jacksonville, FL, exercises cognizance of the operating areas, makes area assignments, ensures promulgation of firing notices, issues schedules, and prescribes necessary additional regulations.

A regulated navigation area extends northeast and southeast along the northern side of the entrance channel from Charleston Entrance Channel Lighted Buoy 16.

The entrance to Charleston Harbor is between converging jetties. The north jetty is almost completely submerged at MHW. There are no lights on the jetties and smaller craft approaching from the north close to shore at MHW should exercise extreme caution not to confuse the south jetty for the north jetty. It is recommended all vessels align seaward of Lighted Buoy 18 before final approach to the jetty entrance.

Dangers. – The danger area of a former World War II minefield is off the entrance to Charleston Harbor. The area is open to unrestricted surface navigation but all vessels are cautioned not to anchor, dredge, trawl, lay cables, bottom, or conduct any similar type of operation because of residual danger from mines on the bottom. An “anchor at your own risk” anchorage, within the danger area, is on the north side of the entrance channel about 7 miles NW of Charleston Entrance Lighted Whistle Buoy C. The rectangular anchorage is enclosed by the following points:

32°42.9’N., 79°42.8’W.;
32°41.3’N., 79°39.3’W.;
32°39.9’N., 79°40.2’W.; and
32°41.6’N., 79°43.7’W.

The area has been searched on many occasions and no unexploded ordnance has been discovered. Vessels have routinely anchored in this offshore anchorage for many years without mishap.

A regulated navigation area extends northeastward and southwestward along the northern side of the entrance channel from Charleston Entrance Channel Lighted Buoy 16.

Currents. – Off the entrance to Charleston Harbor the tidal currents are rotary with velocities of about 1 knot. Near the entrance to the jetties the current sets fair with the channel at strengths of flood and ebb and can be expected to set across the channel with a velocity of about 0.2 knot about 3 hours after strength of flood and ebb, setting northeastward and southwestward, respectively.

Pilotage, Charleston. – Pilotage is compulsory for all foreign vessels and for all U.S. vessels under register in the foreign trade.

Quarantine, customs, immigration, and agricultural quarantine. – (See chapter 3, Vessel Arrival Inspections, and Appendix A for addresses.)

Restricted areas are in the northern portion of Shipyard Creek, and in the Cooper River at the U.S. Government facility.

U.S. Coast Guard Rescue Coordination Center

24 hour Regional Contact for Emergencies

RCC Miami Commander
7th CG District (305) 415-6800
Miami, FL
NOAA's navigation managers serve as ambassadors to the maritime community. They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation.

For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers.

To make suggestions or ask questions online, go to nauticalcharts.noaa.gov/inquiry.

To report a chart discrepancy, please use ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers

For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area. These volumes are available online at http://www.navcen.uscg.gov
SOUNDINGS IN FEET

Note: Chart grid lines are aligned with true north.

Scale 1:20,000
Nautical Miles

Yards

SCALE 1:20,000
Nautical Miles

Joins page 8

Printed at reduced scale. See Note on page 5.
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.

**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
- 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 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

For the latest news from Coast Survey, follow @NOAACDarts

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.