Cooper River above Goose Creek
NOAA Chart 11527

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
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.


(Selected Excerpts from Coast Pilot)

In 1977, depths of 20 feet or more were available in Cooper River from the upper limit of the Navy-maintained channel about 3.4 miles above Goose Creek to The Tee, 26 miles above the Battery. There is ship traffic to and from the Amoco Terminal about 14 miles above the Battery, ship movement is subject to certain restrictions by the Pilots' Association. There is daylight-only ship traffic upstream as far as the Nucor Steel Terminal about 18.5 miles above the Battery. These ships are limited in size to 580 feet long with a 25 foot draft, and subject to certain tidal and current restrictions by the Pilots' Association. This section of the river is bordered by marshland, with occasional bluffs 15 to 20 feet high. A restricted area is off the U.S. Naval Ammunition Depot, on the west side of Cooper River about 10 miles northward of the Battery. (See 334.460, chapter 2, for limits and regulations.)

An overhead power cable with a clearance of 75 feet crosses Cooper River about 21.1 miles above the Battery. In East Branch the reported controlling depth in 1983 was 7 feet to Pompion Hill Chapel, 6 miles above The Tee. The channel is narrow and follows the ebbtide bends. In West Branch, the reported controlling depth in 1975 was 15 feet to the CSX bridge 4 miles above The Tee. The first bend west of The Tee is a bad spot; deep water is on the inner side of the bend. The railroad bridge has a swing span with a channel width of 30 feet and a clearance of 8 feet. (See 117.1 through 117.59 and 117.925, chapter 2, for drawbridge regulations.) Extreme caution is necessary at the bridge; the current is strong, and about 40 minutes is needed to open the draw. An overhead power cable at the bridge has a clearance of 85 feet. The mean range of tide at the bridge is 4.2 feet. About 12 miles above The Tee, a tillicane canal enters West Branch from Lake Moultrie. The distance along the canal from West Branch to the lake is about 4 miles. Two bridges cross the canal with minimum clearance of 50 feet. A marginal wharf 200 feet long is on the west side of the canal about a mile above the junction with West Branch. The wharf has gasoline available; in 1987, a reported controlling depth of 3 feet was alongside. In 1987, very strong currents were reported to exist in the canal.

A depth of about 11 feet is available from the railroad bridge over West Branch to the tillicane canal and thence to the dam. The lock in the dam has a length of 180 feet, a width of 60 feet, and a depth over the miter sills of 12 feet; the vertical lift is 75 feet. A draft of 14 feet has been taken to the lake with favoring tides. Light-draft vessels can navigate to Columbia, S.C., by way of Lake Moultrie, Lake Marion, and the Congaree River. The last 18 miles are treacherous because of the twisting channel and varying water levels caused by a dam above Columbia. The lakes are fouled by submerged trees. Navigation should not be attempted by strangers.
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

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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
Note: Chart grid lines are aligned with true north.
14

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Printed at reduced scale. See Note on page 5.
COOPER RIVER
ABOVE GOOSE CREEK

Mercator Projection
Scale 1:20,000 at Lat: 33°01'

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.

PLANE COORDINATE GRID
(based on NAD 1983)
The South Carolina plane coordinate grid
(eighth zone) is indicated on this chart at 10,000
foot intervals; thus:

The last three digits are omitted.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 4 for important supplemental information.

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 commu-
nication is impossible (33 CFR 151).

SOUNDINGS IN FEET
Cooper River
SOUNDINGS IN FEET - SCALE 1:20,000

11527
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 — http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml
Chart and chart related inquiries and comments — http://ocsdata.nnc.noaa.gov/ids/inquiry.aspx?frompage=ContactUs
Chart updates (LN and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online — http://www.nauticalcharts.noaa.gov/nda/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

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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.

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