BookletChart™

Key West Harbor and Approaches
NOAA Chart 11441

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

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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)
Key West Harbor is 134 miles and 151 miles southwestward of Miami Harbor via the inside and coastwise routes, respectively. The harbor proper lies in front of the city of Key West, protected on the eastern side by the island and on the other sides by reefs, sand flats, and by Wisteria Island and Tank Island. The harbor is entered through breaks in the reef by several principal channels with depths of 13 to 34 feet, and by several minor channels.

Key West, on the island of the same name near the western end of the Florida Keys, is a winter resort. Commercial fishing is one of the leading industries, but commerce is mostly in crude and refined oils. Cruise ships frequently call here, and the harbor is a safe haven for any vessel.

Prominent features.—Easy to identify when standing along the keys are 300-foot-high radio towers about 0.3 mile eastward of Fort Taylor, the hotel 0.3 mile south of Key West Bight, the cupola close south of the hotel, and a 110-foot-high abandoned lighthouse, 0.5 mile east-northeastward of Fort Taylor. Numerous tanks, lookout towers, and masts are prominent, but difficult to identify. Also conspicuous is a white radar dome and an aerobeacon on Boca Chica Key, and the white dome of the National Weather Service station and the aerobeacon at Key West International Airport. From southward, several apartment complexes, condominiums, and hotels on the south shore extending from just west of Key West International Airport to the abandoned lighthouse are prominent.

Sand Key Light (24°27'14"N, 81°52'39"W.), 109 feet above the water, is shown from a white, square, pyramidal, skeleton tower enclosing a stair cylinder and square dwelling. Sand Key is surrounded by a section of the Area To Be Avoided Off the Coast of Florida. See Area To Be Avoided Off the Coast of Florida, indexed as such, chapter 3.

Channels.—Main Ship Channel is the only deep-draft approach to Key West. Federal project depth is 34 feet from the Straits of Florida to a turning basin off the Naval Air Station Truman Annex Mole and inside the annex basin, thence 30 feet to an upper turning basin off Key West Bight, and thence 12 feet to and including a turning basin in the bight. (See Notice to Mariner and latest editions of the charts for controlling depths.) The channel from the entrance to the upper turning basin is marked by lighted ranges and other aids to navigation. Spoil areas are W of the channel.

Northwest Channel is a medium-draft passage between Key West Harbor and the Gulf of Mexico. In 2002, the midchannel controlling depth was 10 feet. Vessels can pass directly across the reefs from the Gulf to the Straits of Florida by way of Northwest Channel and Main Ship Channel. The Gulf end of the channel is shifting westward. The jetties on either side of the Gulf entrance to Northwest Channel are 0.3 to 0.5 mile from the centerline of the channel, and only the outer part of the east jetty shows above low water. The northwest end of the jetty is marked by a light. The channel is marked by a 166° lighted range, daybeacons, and lighted and unlighted buoys. The pilings and skeletal structure of a former lighthouse are about 0.3 mile southwestward of the south end of the west jetty.

Smith Shoal (see chart 11439), about 4.5 miles northward of the northern entrance to Northwest Channel, is covered 11 feet and marked on its northeast end by Smith Shoal Light (24°43'06"N, 81°55'18"W.). The light also marks the northern approach to the channel and is shown from a small black house on a white, hexagonal, pyramidal skeleton tower on piles. A relatively flat-topped coral head, covered by a least depth of 11 feet, is about 3.3 miles west-southwestward of the light.

Southwest Channel, a convenient approach to Key West from southwestward, has been swept to a depth of 23 feet and is marked by buoys. In 1961, this depth was confirmed for midchannel. A general course following the aids leads to the outer anchorage and Main Ship Channel. Strangers should not attempt passage at night.

West Channel, a passage leading westward from Key West between the keys and outer reefs, is deep but unmarked. It is used by shrimp boats and small craft bound toward the Dry Tortugas. Local knowledge is advised.

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
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 useocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

Lateral System As Seen Entering From Seaward
on navigable waters except Western Rivers

**PORT SIDE**
**ODD NUMBERED AIDS**

- GREEN LIGHT ONLY
- FLASHING (2)
- FLASHING OCCULTING
- QUICK FLASHING
- ISO

**PREFERRED CHANNEL**
**NO NUMBERS – MAY BE LETTERED**

- GREEN LIGHT ONLY
- COMPOSITE GROUP FLASHING (2+1)

**PREVIOUS**

- PREFERRED CHANNEL TO STARBOARD TO PORT
- TOPMOST BAND GREEN

**STARCROSSED**

- RED LIGHT ONLY
- COMPOSITE GROUP FLASHING (2+1)

**PREVIOUS**

- PREFERRED CHANNEL TO PORT
- TOPMOST BAND RED

**STARCROSSED**

- RED LIGHT ONLY
- COMPOSITE GROUP FLASHING

**ISO**

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

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST

FLORIDA

KEY WEST HARBOR

AND APPROACHES

Mercator Projection
Scale: 1:30,000 at Lat. 24°32'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

HYDROGRAPHY

HAILSTORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, add to navigation and beach erosion, resulting in submerged barriers and in unknown archives.

Charted soundings, channel depths and shoal lines may not reflect actual conditions from these storms. Floods due to navigation may have been damaged or destroyed. Buoys may have been removed from their charted positions, damaged, sunk, or otherwise made ineffective. Mariners should not rely upon the position or condition of an aid to navigation. Work of and submerged obstacles may have been displaced from charted locations. Piles may have become unknown or removed.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation, disappointments and hazards to navigation to the nearest United States Coast Guard unit.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station of the NWS broadcasts continuous weather broadcasts. The effective range of this station is 20 to 40 nautical miles from the antenna site, but it can be received at 100 nautical miles for stations at high elevations.

Note: Chart grid lines are aligned with true north.

Source: NOAA NWS

Printed at reduced scale. - SCALE: 1:30,000 - See Note on page 5.

Yard 1000 0 1000 2000 3000 Nautical Miles

Note: Chart grid lines are aligned with true north.
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 (LNMs 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
- 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

**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!

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.

NOAA’s Office of Coast Survey  The Nation’s Chartmaker