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 Mariner 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=14915

(Selected Excerpts from Coast Pilot)
Little Bay de Noc is the W arm of the N end of Green Bay. The bay is entered between Fishery Point on the W and Peninsula Point on the E. Very shallow ledges extend off both sides of the bay, but the natural channel up the middle of the bay has good deep water and permits the passage of the deeper draft vessels on the lakes.

Ford River, Mich., is a small fishing village at the mouth of Ford River on the W side of the entrance to Little Bay de Noc.

Escanaba, Mich., is on the W side of Little Bay de Noc, 6 miles NE of Ford River and 7 miles NW of Peninsula Point. A lighted red brick cylindrical building in the city is prominent. Sand Point, marked by a private light, extends E from shore at the city and protects the harbor area on its N side. The harbor has depths of 28 to 40 feet within 0.4 mile of shore and affords access for the largest vessels on the lakes. Escanaba River flows into the harbor 2.5 miles NW of Sand Point.

Escanaba Light (45°44.8’N, 87°02.2’W.), 45 feet above the water, is shown from a white square tower with a green stripe on a crib on the NE side of the shoal on the N side of Sand Point; a fog signal is at the light. A buoy 0.35 mile W of the light marks the N side of an obstruction. A small-craft basin, developed by the city and the Michigan State Waterways Commission, is on the S side of Sand Point. A small island, connected to the mainland by a bridge at the W end, forms the S side of the basin. The entrance to the basin has depths of 9 feet, with 1 to 12 feet in the basin. A private light on Sand Point marks the N side of the entrance. Transient berths, gasoline, diesel fuel, water, ice, electricity, sewage pump-out facilities, launching ramp, and harbormaster services are available. The harbormaster monitors VHF-FM channels 16 and 9. A boatyard 0.5 mile S of Escanaba River has a 50-ton vertical boat lift and can make repairs to 80-foot vessels.

From Sand Point the shore extends N, then bends NE to Saunders Point at Gladstone. Very shallow water extends up to 0.6 mile from shore in this reach.

Gladstone, Mich., is on the W side of Little Bay de Noc, 7 miles N of Escanaba. Saunders Point, marked by a light, extends E from shore at Gladstone and help protects the upper part of the bay on its SW side. The E part of the upper bay, just N of Gladstone, has depths of 23 to 30 feet, with shoaling to less than 10 feet in the W part. Buoys mark the E and N extent of shoals on the N side of Saunders Point.

A small-craft basin, developed by the city and the Michigan State Waterways Commission, is 1.2 miles SW of Saunders Point. The entrance to the basin, with a reported depth of 7 feet in 1999, is protected on the SW side by a pier and detached breakwater. The E end of the breakwater is marked by a private light and the entrance channel is marked by buoys. The basin has reported depths of 4 to 8 feet. A municipal marina in the basin offers: gasoline, diesel fuel, water, ice, electricity, sewage pump-out, transient berths, marine supplies, launching ramp and harbormaster services. The harbormaster monitors VHF-FM channels 16 and 9. A 3-ton hoist is also available for engine and minor hull repairs. Another public launching ramp is about 1.4 miles NW of Saunders Point Light on the shore W of Butlers Island.

Tacoosh River, Rapid River, and Whitefish River flow into the N end of Little Bay de Noc through a common mouth between spits of land that extend from the E and W shores of the bay. Shoals extend about 1 mile from the head of Little Bay de Noc. From the head of the bay to Squaw Point, depths of 1 to 3 feet extend about 0.3 mile off the E shore. Below Squaw Point, the shoal border increases to a width of over 2 miles and is marked on the W side by a lighted buoy 5.1 miles S of Squaw Point opposite the village of Stonington, Mich. The shore in the vicinity of Stonington is bluff. Below Stonington the shoal border decreases from 0.5 mile wide to about 0.2 mile wide at Dutchman Point, 4 miles S. From Dutchman Point to Peninsula Point, the shore should be given a berth of 0.8 mile.

Escanaba, Mich. Local magnetic disturbance. – Differences from normal variation of up to 17° have been observed in the vicinity of Escanaba.

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

RCC Cleveland Commander
9th CG District (216) 902-6117
Cleveland, OH
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
This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:40000. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.
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
- 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.