

# NOAA Nautical Chart Catalog (Tier II)

October 5th 2017



NOAA's Nautical Chart Catalog is a list based web interface which enables users to readily access raster data and charting products. The tier two website serves as a complement to the Chart Locator by providing searching capability for any of NOAA's thousand plus nautical charts. NOAA's general use charts are available for download in three different formats via the interface: NOAA RNC<sup>®</sup>, full size nautical charts in PDF format, and BookletCharts<sup>™</sup>.

NOAA's Nautical Chart Catalog was built as a component of a legacy modernization effort for the Office of Coast Survey website. The new catalog has an automated process for updating tables and facilitating system maintenance. Metadata files are constructed using database queries and the user interface has a very simple layout. Backend scripts run weekly to update the catalog data on Thursdays during regular production cycles.

User behavior analytics reports from the current website revealed that several web pages contained redundant information and ultimately distracted visitors from accessing products. The catalog redesign simplifies the user experience by reducing the number of clicks that it takes to access a product. The consolidation of data into a single page makes the searching process a more intuitive user experience. The new chart catalog implements responsive design so it can be used on tablets and mobile devices.

Additional functionality has been built into the Chart Catalog to increase product accessibility. The redesign provides the ability for users to find and download RNCs, full-sized nautical chart (PDFs), booklet chart (PDFs), notice to mariners chart corrections, a list of chart agents, and the ability to view online images of raster (paper) charts. A quick search of the entire chart suite is available on the main page if the user knows the chart number, title or scale.

Some aspects of the legacy catalog were retained, including the interactive map which separates the catalog into eight main regions. Each main region contains several sub-regions which were derived from the catalog PDF tables and images. Within each main region webpage, a drop down menu list is provided for selecting a sub-region. Once a sub-region has been selected, a corresponding preview image and the charts that are listed in the table will be refined. Each table column allows for sorting alphanumerically by chart number, title or scale. Input search capability is also available on each main region page.

Future enhancements could potentially expand the search functionality by implementing a geographic name search module so users can find charts using more colloquial names. Also the catalog structure supports the addition of more data in the metadata files.

# NOAA Nautical Chart Catalog and Chart Viewer

View or download NOAA charts in different formats

## Gulf Coast and Caribbean Islands (GC)

(GC6) Venice to Saint Lucie Inlet

Step 1: Select a sub-region:

(GC6) Venice to Saint Lucie Inlet ▼

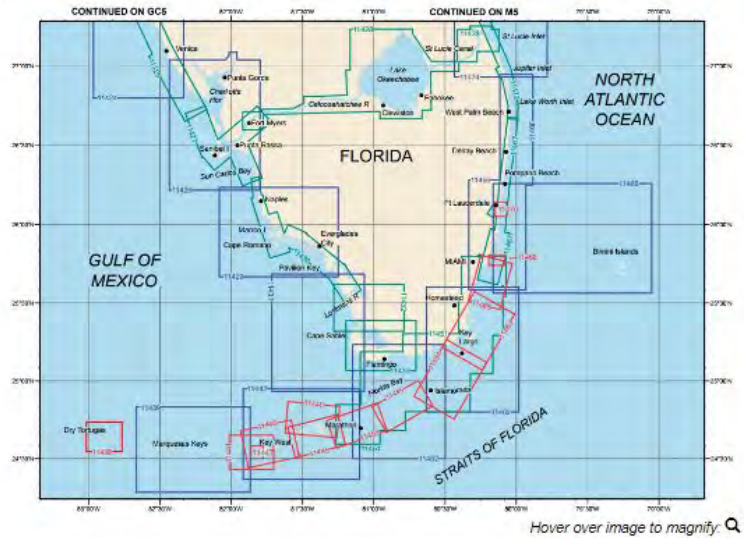
Step 2: Search within the selected sub-region:

Enter Chart Number, Scale, or Title

Step 3: Sort the results in the table below by clicking on the column names.

The entire Nautical Chart Catalog can also be downloaded to view or print at home. [Download Catalog PDF](#)

Buy Updated Paper Charts & Publications from NOAA Certified Printers. [Buy](#)



Show 25 entries

Number	Scale	Title	Viewer	PDF	NOAA RNC®	BookletChart™	NTM
11447	10,000	Key West Harbor	<a href="#">View</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">View NTM</a>
11470	10,000	Fort Lauderdale Port Everglades	<a href="#">View</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">View NTM</a>
11468	12,000	Miami Harbor	<a href="#">View</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">View NTM</a>
11438	30,000	Dry Tortugas/Tortugas Harbor	<a href="#">View</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">View NTM</a>
11441	30,000	Key West Harbor and Approaches	<a href="#">View</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">View NTM</a>
11425	40,000	Intracoastal Waterway Charlotte Harbor to Tampa Bay	<a href="#">View</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">View NTM</a>

*Screenshot from the Nautical Chart Catalog - Gulf Coast Main Region Page*

The NOAA Nautical Chart Catalog website will be available at the following URL:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_