

CCOM/JHC,UNH

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IN BRIEF

The ABC package provides common elements for HydrOffice libraries and applications.

4 Chapter 1. In Brief

USER MANUAL

2.1 Info Tab

The Info Tab contains numerous helpful links and utilities:

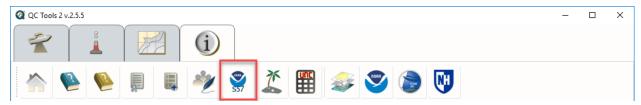
- The homepage
- The Online User Manual
- The Offline User Manual (PDF)
- License Information
- Authors List
- NOAA S-57 Support Files for CARIS
- The HydrOffice Main Page
- The Center for Coastal and Ocean Mapping Main Page
- The University of New Hampshire Main Page

2.1.1 NOAA S-57 Support Files for CARIS

These allow for use of customized S-57 attributes in CARIS software and are required in order to visualize many of the S-57 (.000) outputs.

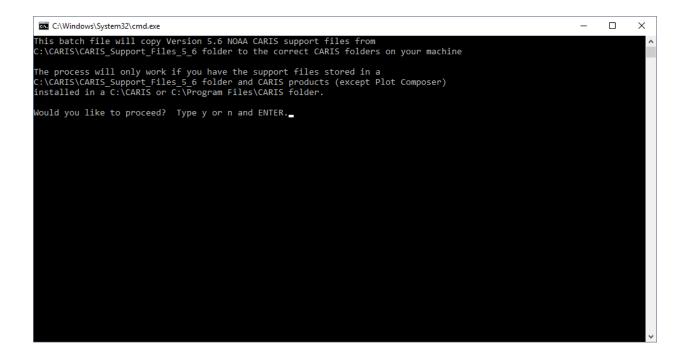
To install them, follow these instructions:

• Click the button on the Info Tab for the NOAA S57 Files.





- Click the button to unzip the archive.
- Click the button to copy the folder. If the folder is already found, you will be prompted whether or not you wish to force a re-copy.
- Click the button to install the files. Note this step requires Administrator privileges.
- Follow the prompts in the Windows command to complete the installation.



2.1. Info Tab

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DEVELOPER'S GUIDE

3.1 How to Contribute

Every open source project lives from the generous help by contributors that sacrifice their time and this is no different.

To make participation as pleasant as possible, this project adheres to the Code of Conduct by the Python Software Foundation.

Here are a few hints and rules to get you started:

- Add yourself to the AUTHORS.txt file in an alphabetical fashion. Every contribution is valuable and shall be credited.
- If your change is noteworthy, add an entry to the changelog.
- No contribution is too small; please submit as many fixes for typos and grammar bloopers as you can!
- Don't ever break backward compatibility.
- Always add tests and does for your code. This is a hard rule; patches with missing tests or documentation won't be merged. If a feature is not tested or documented, it does not exist.
- Obey PEP 8 and PEP 257.
- Write good commit messages.
- Ideally, collapse your commits, i.e. make your pull requests just one commit.

Note: If you have something great but aren't sure whether it adheres – or even can adhere – to the rules above: **please submit a pull request anyway!** In the best case, we can mold it into something, in the worst case the pull request gets politely closed. There's absolutely nothing to fear.

Thank you for considering to contribute! If you have any question or concerns, feel free to reach out to us (see Credits).

3.2 How to Build the Documentation

3.2.1 Requirements

The documentation is built using sphinx, so you need to have it:

• pip install sphinx sphinx-autobuild

3.2.2 First-time creation of documentation template

Just once for each project, you can create the documentation template as follows:

- mkdir docs
- cd docs
- sphinx-quickstart

3.2.3 Generate the documentation

To create the html:

• make html

To create the pdf, you first need to install a latex distribution, then:

- make latexpdf
- pdflatex HydrOfficeABC.tex

FOUR

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CREDITS

For bugs and feature requests: abc@hydroffice.org

Feel free to contact us for comments and suggestions:

• Giuseppe Masetti

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