

Documentation for
Eds Hulls Fiddle
(EdsHullsFiddle.xls)



Version 1.2

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An Excel Workbook for working with
the Carlson Chine Hull Designer

This Excel Workbook is designed to help you work with the files created by the Carlson Chine Hull Designer

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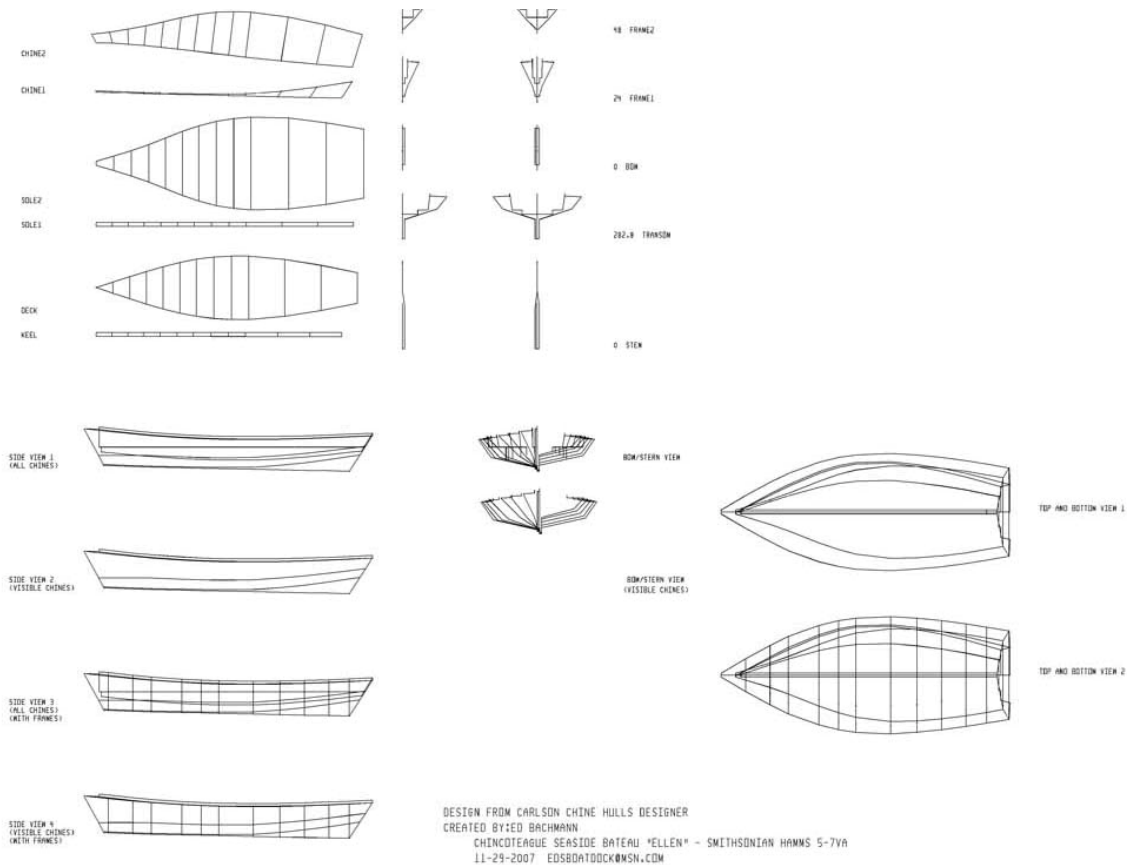
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DXF DRAWING GENERATED BY EDHULLSFIDDLE.XLS VERSION 1.2
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What Should Be In the Distribution Set

The following files should have been included with the normal distribution set:

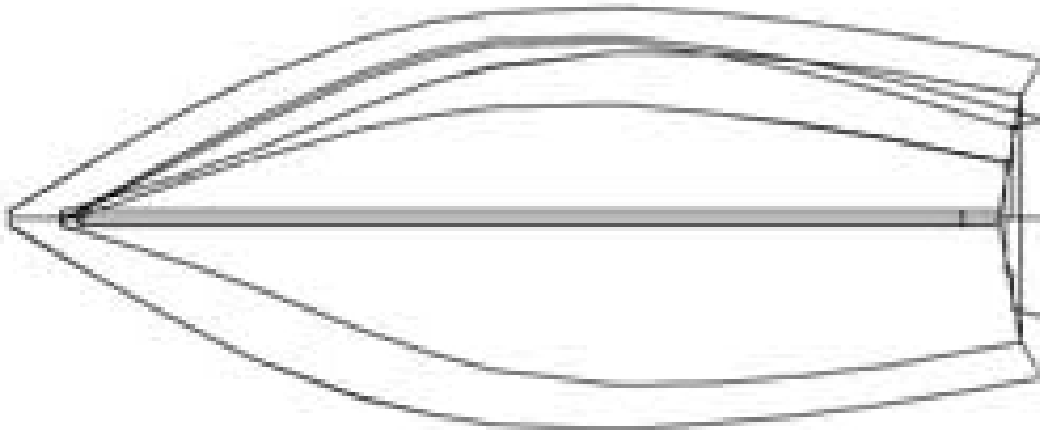
Eds Hulls Fiddle Manual.PDF A PDF file containing the manual of operations.

EdsHullsFiddle.xls The Excel Workbook as distributed contains all the necessary macros and parts necessary to run this application.

SBEllen.Hul The design file that was used for the examples.
It is a rendering of a Chincoteague Seaside Bateau as documented by the Historic American Merchant Marine Survey (HAMMS) (Smithsonian HAMMS 5-7VA)

Samples of the Work Sheets
Sample Intro.Pdf
Sample Main Menu.Pdf
Sample Hulls Data.Pdf
Sample Export Work.Pdf
Sample Patterns.Pdf
Sample DXF Export.Pdf

Sample of DXF CAD file output
Sample CAD Output.Jpg



Introduction and Purpose

The Carlson Chine Hulls Designer is a wonderful program for creating and editing designs for hard chined boats.

There is an extensive library of designs available on the web that were created using the Chine Hulls Designer.

However, the program has some limitations and some aspects are tedious.

Eds Hulls Fiddle was written to handle some of my personal wish-list.

- It will read a design created by Chine Hulls Designer and put a formatted copy into a work sheet.
- It will read a Patterns file from Chine Hulls Designer and load that data into a work sheet.
- The primary data can be sorted and edited and sent back to Chine Hull Designer.
- The application will also create a DXF file that can be read by any CAD program. The file created by Eds Hulls Fiddle contain half and full drawing for all Bulkheads, Frames and Chines as well as composite side, top and for/aft view.

What Eds Hulls Fiddle Does

The application will import a Hulls data file with the .Hul extension created by the Carlson Chine Hulls Designer. It also reads the Handplot.Txt file containing the Patterns. The Handplot.Txt file links to a Hulls Data file and importing a Handplot.Txt file also imports its related .Hul file.

It will write a "Fiddled.Hul" file (and will rename an old Fiddled.Hul file as Fiddle.Bak).

It will write a "Fiddled.Dxf" file containing the drawings that can be used by any CAD program.

The primary documentation for this application is on the "Intro" work sheet and the "Main Menu" worksheet.

The Work Sheets Used By Eds Hulls Fiddle

- "Intro" Sheet Introduction, Documentation & Instructions
[Intro Sheet Example \(PDF\)](#)
- "Main Menu" Sheet Status Information and Menu for the application.
[Main Menu Sheet Example \(PDF\)](#)
- "Hulls Data" Sheet Contains the Data read from the .Hul design file formatted so that it can be easily understood. A copy of this work sheet is put into the "Export Work" sheet where it can be edited. This work sheet should not be changed in any way.
["Hulls Data" Work Sheet Example \(PDF\)](#)
- "Export Work" Sheet This is the area where you can edit and sort the data before exporting it back to the Carlson Chine Hulls designer. It is a copy of the data that was read into the "Hulls Data" sheet
[Export Work Sheet Example \(PDF\)](#)
- "Patterns" Sheet The data from a Handplot.Txt file with some rough graphs showing the shapes of each part. (Note: when a Handplot.Txt file is imported, it's .Hul data file is also imported, it's
["Patterns" Sheet Example \(PDF\)](#)
- "DXF Export" Sheet The data from the "Patterns" sheet can be copied to this sheet and edited if desired. The Dxf Export uses data from both "DXF Export" and from "Export Work" to create the CAD drawing.
["DXF Export" Sheet Example \(PDF\)](#)

These sheets may not be renamed, removed or modified in a way that moves the data areas around since the application relies on their presence and formatting to work with the data.

A user may add new work sheets which will be ignored by the application.

The worksheets are protected to help protect the data.

However, it is easy to turn this protection off - there are no passwords set on the protection.

The File Folder that you use for the Carlson Chine Hulls Designer must be set on the "Main Menu" work sheet. The easiest way to get the proper name is to use Windows Explorer to display the Folder and then cut and paste the name into the work sheet.

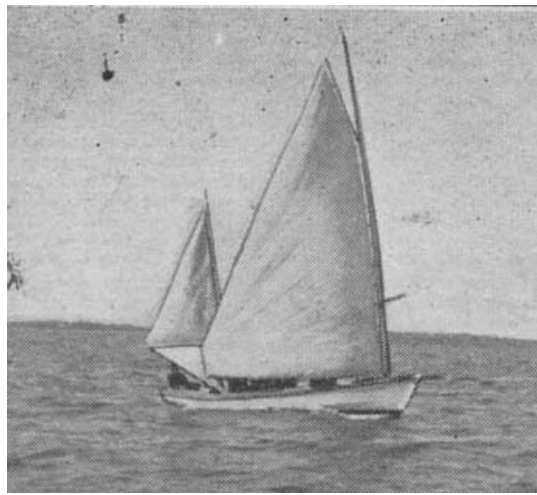
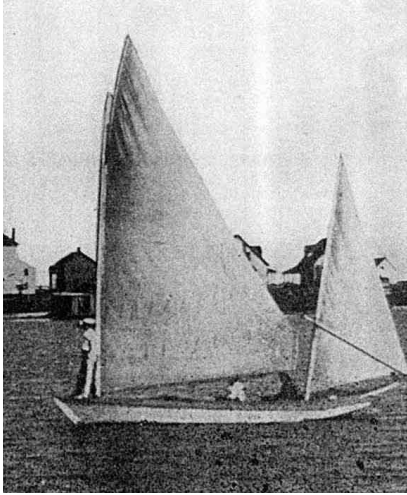
The macros are also "open code" without anything in the way to keep you from looking at the code and making changes.

If you find any errors or make some useful changes, please let me know.

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Appendix A -About the Boat Design Used in This Manual

About the Boat Design Used in This Manual



One of my hobbies is studying and learning about older workboats. I have found the Carlson Chine Hulls Designer useful for creating fairly close replicas of old boats. Part of the reason for my creating this application is that it makes it fairly easy to "Desk check" that my replicas are fairly close to the original boat.

The boat in this document is a fairly close interpretation of a Chincoteague Seaside Bateau that was documented by the Historic American Merchant Marine Survey (HAMMS). Plans for "The Ellen" can be ordered from the Smithsonian.

The original boat was built by the Wimbrough Brothers of Chincoteague Virginia probably around 1900. The design was called locally a "Seaside Bateau" and they were used for just about everything - net fishing, oystering, hunting, going to church or the store. Pretty much the analog of a modern farmer's small truck or jeep. The most common sizes were from 16 to 25 feet overall not counting the added length of a boomkin on the back.

The earliest written records for the design date to the early 1870's but they may date back to the 1850's. Other boat historians might well call these a type of "Skipjack" which should not be confused with the oyster Skipjacks of the Chesapeake.

There were cousins to this boat up and down the East Coast from New England to Florida but the strong sheer exemplified and distinguished the ones found on the seaside of Virginia, Maryland and Delaware. Racing these and a round-bottom boat of similar shape was popular from the 1870's until around 1910. The early prizes were items like "a young ox" but later became silver cups offered by resorts that might get 500 people out to one of the lonely barrier islands to watch the races.

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