

How to open NOAA S57 Charts in TZ Professional v3

S57 Charts for the USA can be downloaded for free from the NOAA website. These charts cover most of the US coastline and are updated weekly. Visit the website below to download the area you need (Region, State etc.)

<http://www.charts.noaa.gov/ENCs/ENCs.shtml>

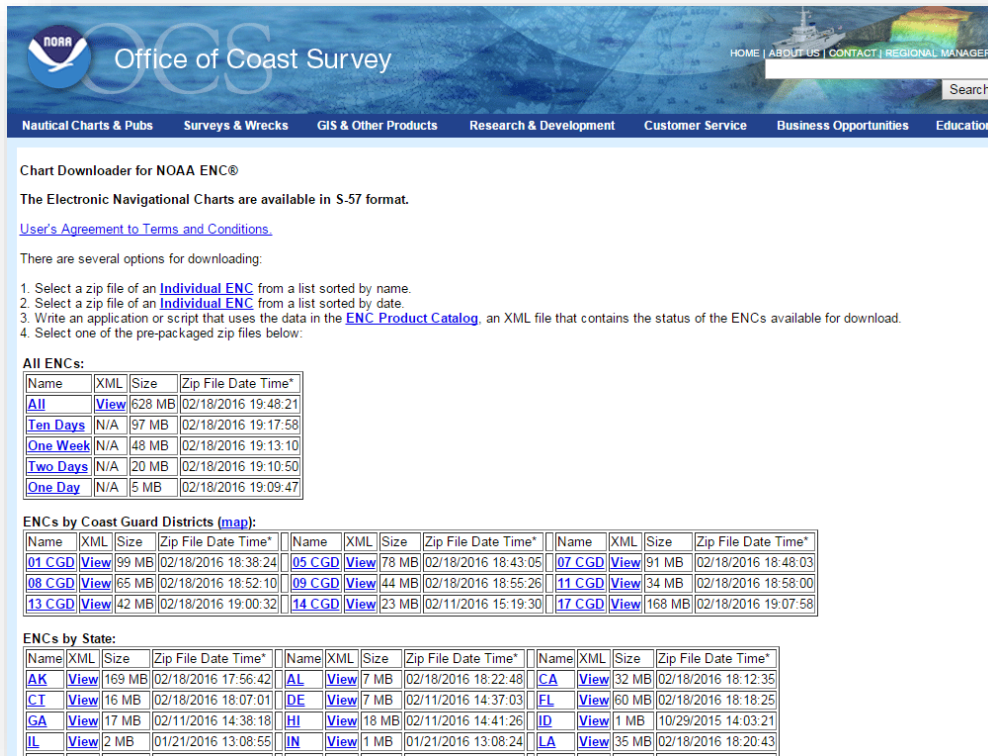


Chart Downloader for NOAA ENC®

The Electronic Navigational Charts are available in S-57 format.

[User's Agreement to Terms and Conditions.](#)

There are several options for downloading:

1. Select a zip file of an [Individual ENC](#) from a list sorted by name.
2. Select a zip file of an [Individual ENC](#) from a list sorted by date.
3. Write an application or script that uses the data in the [ENC Product Catalog](#), an XML file that contains the status of the ENCs available for download.
4. Select one of the pre-packaged zip files below:

All ENCs:

Name	XML	Size	Zip File Date Time*
All	View	628 MB	02/18/2016 19:48:21
Ten Days	N/A	97 MB	02/18/2016 19:17:58
One Week	N/A	48 MB	02/18/2016 19:13:10
Two Days	N/A	20 MB	02/18/2016 19:10:50
One Day	N/A	5 MB	02/18/2016 19:09:47

ENCs by Coast Guard Districts ([map](#)):

Name	XML	Size	Zip File Date Time*	Name	XML	Size	Zip File Date Time*	Name	XML	Size	Zip File Date Time*
01 CGD	View	99 MB	02/18/2016 18:38:24	05 CGD	View	78 MB	02/18/2016 18:43:05	07 CGD	View	91 MB	02/18/2016 18:48:03
08 CGD	View	65 MB	02/18/2016 18:52:10	09 CGD	View	44 MB	02/18/2016 18:55:26	11 CGD	View	34 MB	02/18/2016 18:58:00
13 CGD	View	42 MB	02/18/2016 19:00:32	14 CGD	View	23 MB	02/11/2016 15:19:30	17 CGD	View	168 MB	02/18/2016 19:07:58

ENCs by State:

Name	XML	Size	Zip File Date Time*	Name	XML	Size	Zip File Date Time*	Name	XML	Size	Zip File Date Time*
AK	View	169 MB	02/18/2016 17:56:42	AL	View	7 MB	02/18/2016 18:22:48	CA	View	32 MB	02/18/2016 18:12:35
CT	View	16 MB	02/18/2016 18:07:01	DE	View	7 MB	02/11/2016 14:37:03	FL	View	60 MB	02/18/2016 18:18:25
GA	View	17 MB	02/11/2016 14:38:18	HI	View	18 MB	02/11/2016 14:41:26	ID	View	1 MB	10/29/2015 14:03:21
IL	View	2 MB	01/21/2016 13:08:55	IN	View	1 MB	01/21/2016 13:08:24	LA	View	35 MB	02/18/2016 18:20:43

S57 charts are always distributed inside an "ENC_ROOT" folder. After downloading the charts from the NOAA website, make sure to unzip the "ENC_ROOT" folder somewhere on your computer (on the desktop for example).



CA_ENCs.zip

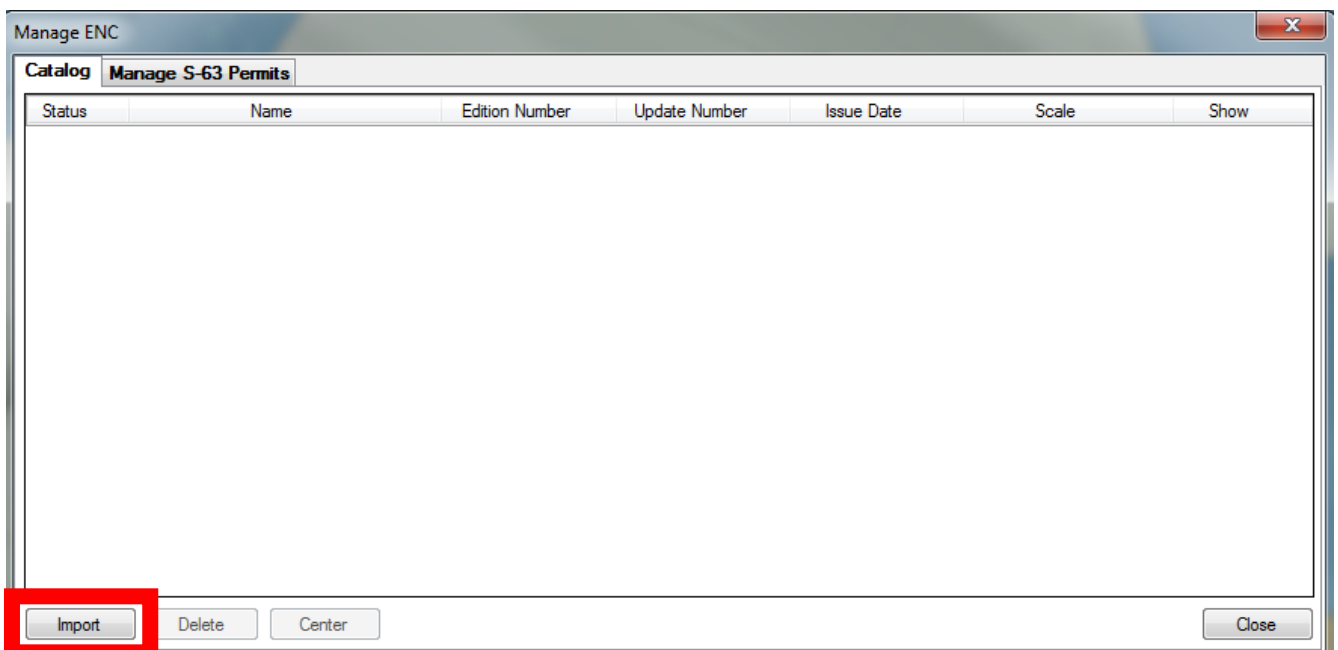
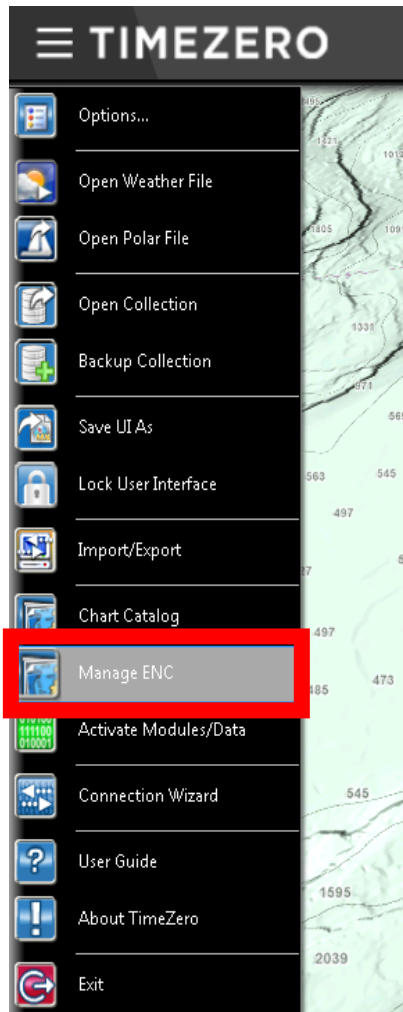
Example of NOAA Zipped Folder



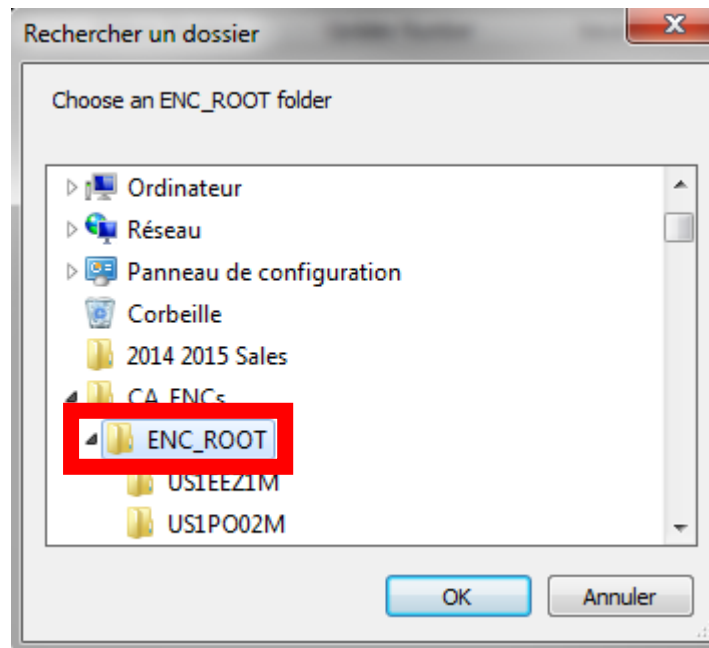
CA_ENCs

Example of NOAA Unzipped Folder

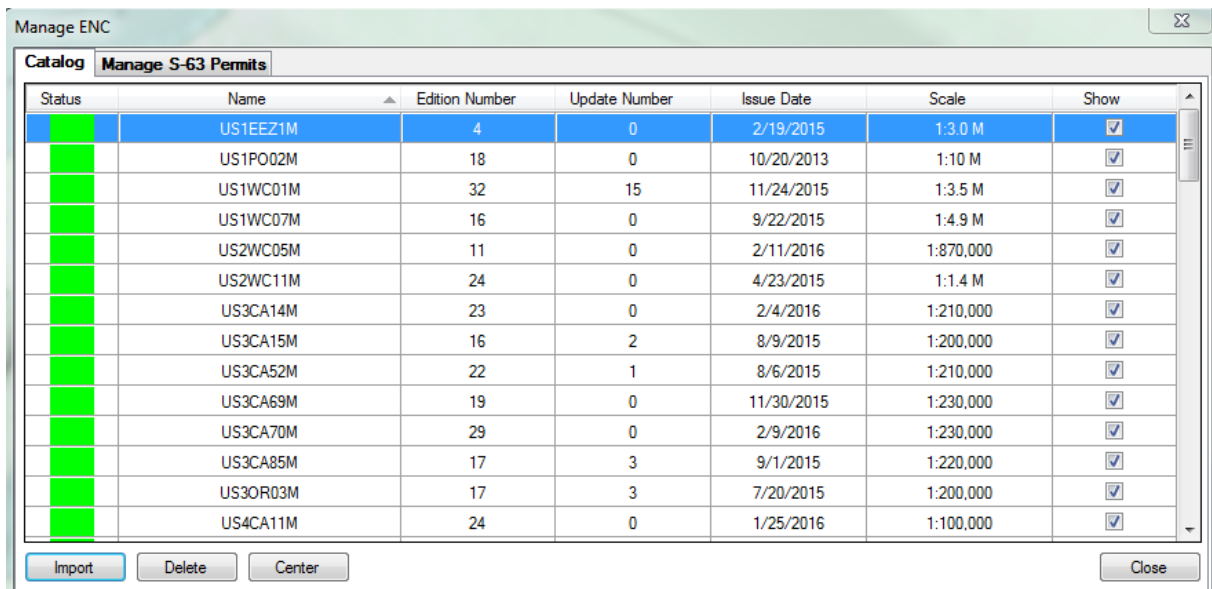
Then, open TZ Professional, select "Manage ENC" located under the TMEZERO button and click on "Import".



Select the "ENC_ROOT" folder containing the S57 charts you wish to import and click on "OK":



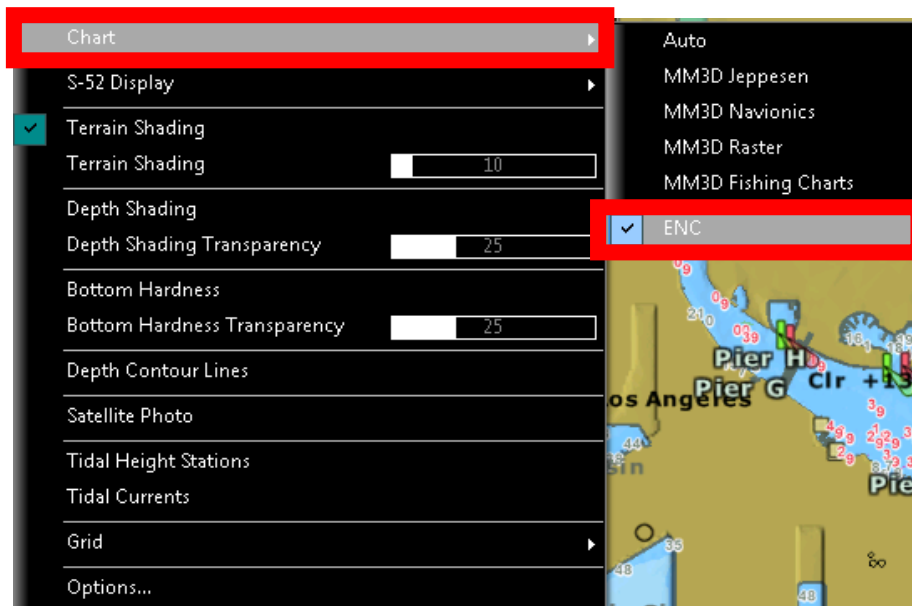
TimeZero Professional will convert the chart cells and import them on your computer.



Status	Name	Edition Number	Update Number	Issue Date	Scale	Show
	US1EEZ1M	4	0	2/19/2015	1:3.0 M	<input checked="" type="checkbox"/>
	US1PO02M	18	0	10/20/2013	1:10 M	<input checked="" type="checkbox"/>
	US1WC01M	32	15	11/24/2015	1:3.5 M	<input checked="" type="checkbox"/>
	US1WC07M	16	0	9/22/2015	1:4.9 M	<input checked="" type="checkbox"/>
	US2WC05M	11	0	2/11/2016	1:870,000	<input checked="" type="checkbox"/>
	US2WC11M	24	0	4/23/2015	1:1.4 M	<input checked="" type="checkbox"/>
	US3CA14M	23	0	2/4/2016	1:210,000	<input checked="" type="checkbox"/>
	US3CA15M	16	2	8/9/2015	1:200,000	<input checked="" type="checkbox"/>
	US3CA52M	22	1	8/6/2015	1:210,000	<input checked="" type="checkbox"/>
	US3CA69M	19	0	11/30/2015	1:230,000	<input checked="" type="checkbox"/>
	US3CA70M	29	0	2/9/2016	1:230,000	<input checked="" type="checkbox"/>
	US3CA85M	17	3	9/1/2015	1:220,000	<input checked="" type="checkbox"/>
	US3OR03M	17	3	7/20/2015	1:200,000	<input checked="" type="checkbox"/>
	US4CA11M	24	0	1/25/2016	1:100,000	<input checked="" type="checkbox"/>

Once the charts are successfully imported, you can erase the "ENC_ROOT" folder from your computer.

To display the charts in TZ Professional, make sure to select "ENC" under the "Chart" selection of the "Chart" button located in the ribbon.



Long Beach, California

To update the charts, simply repeat the procedure above and re-import an updated "ENC_ROOT" folder.