

Sounding Better!

HYPACK BMP as a Boat Shape in SURVEY

by Christian Shaw

It is possible to use, not only DXF and HYPACK® Boat Shape (*.SHP) files, but also a custom BMP image to display as your boat shape in HYPACK® SURVEY.

There are a few things that need to be in place for this to work properly:

- A BMP image file in your Boat Shapes
 Folder. In my case, I have the following:
 C:\HYPACK
 2018\Boat
 Shapes\Rescue
 Boat.bmp
- A Text file that has same name as BMP image (C:\HYPACK 2018\Boat Shapes\Rescue Boat.Txt) that sets the location of the boat reference point and boat length: Open the BMP in Microsoft Paint, put your cursor at the reference point and note the pixel X and Y coordinate.



Once you have the TXT file and BMP in the Boat Shape folder, open SURVEY and load this shape in the Vessel Setup dialog. (Click the "Vessels" menu.) You must change the file of type from *.shp to *.bmp.

Opaque Transparent Scale Dynamic Draft 0.00 © ECDIS Marker Circle 5.00 Damping 10 © Fish Perimeter Color Boat Shape Dead Reckoning © Square Fill Color Ghost Shape Dead Reckoning Display Options © Select Vessel Shape © © © © © © © © V Vessel Track 99 © Look in: Boat Shapes © © © © © © © © CMG Vector 0 © Shapes for the Cutter Driver 7/3/2018 8:54 AM File fol © bevice Offsets © shapes for the Hopper Driver 7/3/2018 8:54 AM File fol © shapes for the Hopper Driver 7/3/2018 8:54 AM File fol © bases for the Hopper Driver 7/3/2018 8:54 AM File fol © shapes for the Hopper Driver 7/3/2018 8:54 AM File fol © bases for the Hopper Driver 7/3/2018 8:54 AM File fol © bases for the Hopper Driver 7/3/2018 8:54 AM File fol © basktop 9/27/1999 6:34 AM SHP File © Computer © cavach Michelle Pontoon.shp 1/2/1/2010 2:82 AM SHP File © Compute	Symbol	YPACK 2018\Boat S		<u> </u>	✓ Main Vess ▼ Use COG		X
Square Fill Color Ghost Shape Dead Reckoning Display Options Enable Vessel Track 0.0 CMG Vector 0 Device Offsets Shapes for the Cutter Driver 7/3/2018 8:54 AM Extend CMG to Edge of Window Shapes for the Hopper Driver 7/3/2018 8:54 AM Vessel Label 10 Desktop Shapes for the Hopper Driver 7/3/2018 8:54 AM Barge.shp 11/1/2010 2:58 PM SHP Fi Desktop 300.shp 9/27/1999 6:34 AM SHP Fi Dispray OffPrey.shp 1/25/2016 11:29 AM SHP Fi Dispray Computer Cavach Michelle Pontoon.shp 1/1/2017 4:37 PM SHP Fi Computer File name: Veshop 0/1/2/2014 3:15 PM SHP Fi Network File of type: Shape File (.shp) Cancel	ECDIS Marker	ue Trai	isparent				•
Display Options Vessel Track Range Circle CMG Vector Device Offsets Extend CMG to Edge of Window Vessel Label 10 Desktop Libraries Libraries Network File for Cavach Michelle Pontoon.shp Computer Network File sof type: Shape File ("shp) Cancel Shape File ("shp) Cancel Cancel Cancel Shape File ("shp) Cancel			blor	Ghost Shape	Dead Reck	oning	
Vessel Track Image Circle O.C Range Circle O.C CMG Vector O Device Offsets Shapes for the Cutter Driver 7/3/2018 8:54 AM Extend CMG to Edge of Window Shapes for the ExcavatorSM driver 7/3/2018 8:54 AM Vessel Label 10 Shapes for the Hopper Driver 7/3/2018 8:54 AM Desktop Shapes for the Hopper Driver 7/3/2018 8:54 AM File fol Octational Shapes Shapes for the Hopper Driver 7/3/2018 8:54 AM File fol Desktop Shapes for the Hopper Driver 7/3/2018 8:54 AM File fol Desktop Shapes for the Hopper Driver 7/3/2018 8:54 AM File fol Desktop Jost Shapes for the Hopper Driver 7/3/2018 8:54 AM File fol Desktop Jost Shape Shapes for the Hopper Driver 7/3/2018 8:54 AM SHP Fi Desktop Jost Shape Shapes for the Hopper Driver 7/3/2018 8:54 AM SHP Fi Desktop Jost Shape Shape Shapes for the Hopper Driver 7/21/2006 12:03 PM SHP Fi Desktop Computer BridOfPrey.shp 1/25/2016 11:29 AM SHP Fi		📩 Select Vessel S	Shape	-	Enable		×
CMG Vector 0 Device Offsets Extend CMG to Edge of Window Vessel Label 10 Desktop Desktop Desktop 300.shp Jibraries BirdOfPrey.shp DisdofPrey.shp 1/2/2016 11:29 AM BOAT.SHP Cavach Michelle Pontoon.shp 1/2/10/2014 315 PM File name: Vester Singe File ("shp) Vester Singe File ("shp)	Vessel Track		🔒 Boat Shaj		•	G 👂 📂 🖽 -	
	CMG Vector Device Offsets Extend CMG to Edge of Window	Desktop Libraries Computer	Shapes f Shapes f Shapes f 6x2.shp 300.shp a2tstest.: Barge.sh BirdOfPr BOAT.SF Cavach f Cavache	or the Cutter Driver or the ExcavatorSM dr or the Hopper Driver shp p ey.shp 4P Michelle Pontoon.shp Swing Lad Dredge.sh III Shape File (*.shp) Shape File (*.shp) Autocad Files (*.dh	p	7/3/2018 8:54 AM 7/3/2018 8:54 AM 7/3/2018 8:54 AM 5/11/1999 11:17 AM 9/27/1999 6:34 AM 7/21/2006 12:03 PM 11/1/2010 2:58 PM 1/25/2016 11:29 AM 8/6/1999 6:34 AM 12/10/2014 3:15 PM	File fol File fol File fol SHP Fi SHP Fi SHP Fi SHP Fi SHP Fi SHP Fi Fi SHP Fi Copen

FIGURE 1. Loading the BMP Boat Shape in SURVEY



228.00 30.00 34.00 32.00 42.00 46.00 50.00 54.00 58.00 62.00 60.00 70.00 74.00 78.00 21.00 22.00 22.00 23.00 24.00 24.00 24.00 25.00 2	Logging Line Chart Vessels Matrix Targets Tide Options Window Help Image: I	- 0 ×
	30.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00 74.00 78.00	17 X

FIGURE 2. The BMP Boat Shape in the SURVEY Map Window