

Race Area Analyzer – Solent

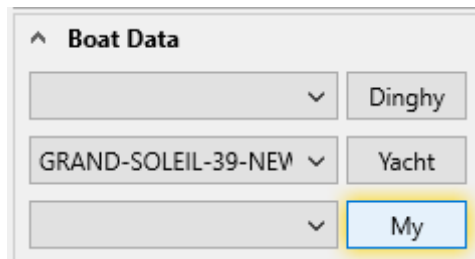
Mac or Windows

Polars

buell software gmbh
Esmarchstraße 53
24105 Kiel

1 New Polar Diagram

- Open dialog “Boat Data” (top left) and click “My”.



^ **Boat Data**

▼ Dinghy

GRAND-SOLEIL-39-NEW ▼ Yacht

▼ My

- A new dialog opens where you can now enter your target figures. (Don't forget to scroll down.)

Edit polar diagrams

Polar diagram

Class

True wind speed	6 kts	8 kts	10 kts	12 kts	14 kts	16 kts	20 kts
Beat angle	0,0°	0,0°	0,0°	0,0°	0,0°	0,0°	0,0°
Beat speed	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Beat tack time	0,0 sec	0,0 sec	0,0 sec	0,0 sec	0,0 sec	0,0 sec	0,0 sec
52°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
60°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
75°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
90°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
110°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
120°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
135°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
150°	0,0	0,0	0,0	0,0	0,0	0,0	0,0
Run speed	0,0	0,0	0,0	0,0	0,0	0,0	0,0

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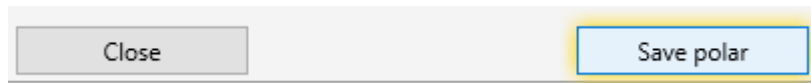
Close Save polar Add polar Delete polar

- Enter a name.

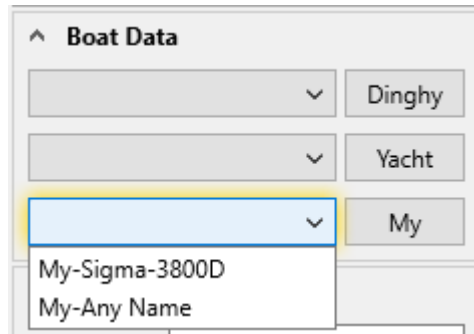
Polar diagram

Class

- Click “Save polar” and close the dialog afterwards.

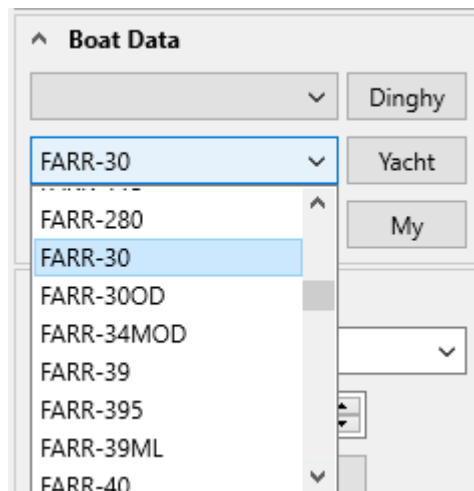


- You will now find your new personal polar in the pull down menu in “Boat Data – My”.



2 Amend Existing Polar Diagram

- Open dialog “Boat Data” (top left) and select the boat class.



- Click “Yacht”.

^ **Boat Data**
 ▾
 ▾
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- Now you can view the polars for this boat class and amend the figures. Don't forget to scroll down to see all the figures.

View Boat Polars

Polar Diagram

Class

True wind speed	6 kts	8 kts	10 kts	12 kts	14 kts	16 kts	20 kts
Beat angle	42,6°	41,5°	38,2°	36,3°	35,0°	35,0°	35,5°
Beat speed	5,1	6,1	6,3	6,5	6,6	6,6	6,7
Beat tack time	5,0 sec	5,0 sec	5,0 sec	4,0 sec	4,0 sec	4,0 sec	4,0 sec
52°	5,7	6,7	7,0	7,2	7,3	7,4	7,5
60°	6,1	6,9	7,2	7,5	7,6	7,8	7,9
75°	6,4	7,0	7,5	7,9	8,2	8,4	8,6
90°	6,4	7,1	7,5	8,0	8,6	9,0	9,5
110°	6,3	7,1	7,7	8,2	8,7	9,1	10,2
120°	6,1	7,0	7,7	8,5	9,1	9,6	10,6
135°	5,4	6,6	7,2	7,8	8,6	9,6	11,6
150°	4,6	5,6	6,6	7,2	7,7	8,4	10,2
Run speed	5,1	6,3	6,4	6,6	7,0	7,6	11,3

- Save your new diagram and close the dialog.

- You can find your new personal polar in the pull down menu in “Boat Data – My”.

The image shows a software interface titled "Boat Data" with an expandable arrow. It contains three rows of data. Each row has a dropdown menu on the left and a button on the right. The first row has an empty dropdown and a "Dinghy" button. The second row has "FARR-30" in the dropdown and a "Yacht" button. The third row has an empty dropdown and a "My" button. A dropdown menu is open for the "My" button, showing three options: "My-Sigma-3800D", "My-Any Name", and "My-FARR-30". The "My-FARR-30" option is highlighted with a blue background. Below the dropdown menu, there is a small button with a downward arrow.

^ Boat Data	
<input type="text"/>	Dinghy
FARR-30	Yacht
<input type="text"/>	My
<ul style="list-style-type: none">My-Sigma-3800DMy-Any NameMy-FARR-30	
<input type="text"/>	<input type="button" value="v"/>