



VesselsValue.com

VesselsValue.com Launching new Port Distance Calculator

VesselsValue.com will be introducing the new Port Distance Calculator as part of its AIS mapping service VV@.



By using the Port Distance Calculator subscribers will be able to track the amount of time, nautical miles or required speed it will take to get from one location to another. With over 2,500 ports to choose from, type in the departure location and destination, leaving either the ETA or Speed blank.

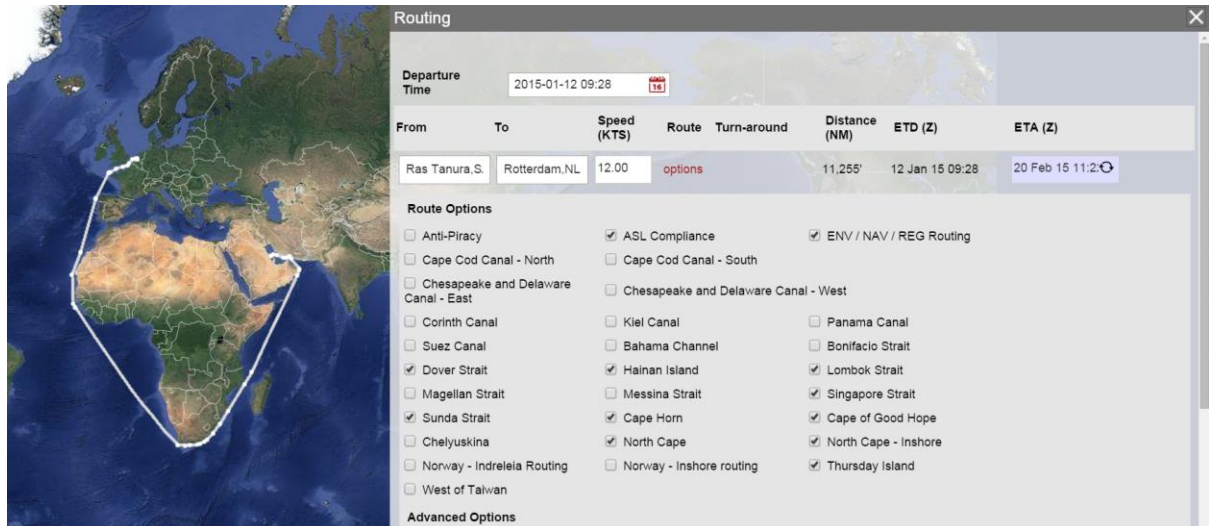
The Port Distance Calculator will either tell you the estimated number of days to arrival, or will provide the speed required to arrive at the specified time.

ETA's are computed and displayed at each waypoint and multiple route selections are offered depending on the draft, owner's preference and other geographical and geo-political restrictions.

A range of routing options along with the defaults are listed on the next page.

Example 1

A laden VLCC from Ras Tanurah to Rotterdam is restricted by her draft to pass through the Suez Canal. The routing options allow us to avoid the Suez Canal by un-ticking the routing options with a total distance of 11,255'.



Routing

Departure Time: 2015-01-12 09:28

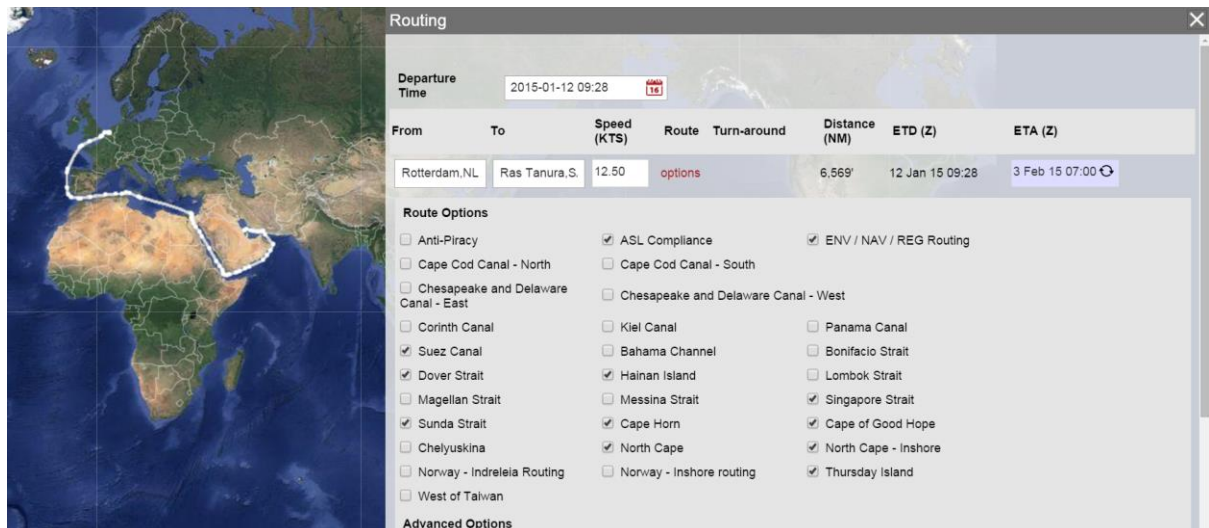
From	To	Speed (KTS)	Route	Turn-around	Distance (NM)	ETD (Z)	ETA (Z)
Ras Tanura, S	Rotterdam, NL	12.00	options		11,255'	12 Jan 15 09:28	20 Feb 15 11:20

Route Options

<input type="checkbox"/> Anti-Piracy	<input checked="" type="checkbox"/> ASL Compliance	<input checked="" type="checkbox"/> ENV / NAV / REG Routing
<input type="checkbox"/> Cape Cod Canal - North	<input type="checkbox"/> Cape Cod Canal - South	
<input type="checkbox"/> Chesapeake and Delaware Canal - East	<input type="checkbox"/> Chesapeake and Delaware Canal - West	
<input type="checkbox"/> Corinth Canal	<input type="checkbox"/> Kiel Canal	<input type="checkbox"/> Panama Canal
<input type="checkbox"/> Suez Canal	<input type="checkbox"/> Bahama Channel	<input type="checkbox"/> Bonifacio Strait
<input checked="" type="checkbox"/> Dover Strait	<input checked="" type="checkbox"/> Hainan Island	<input checked="" type="checkbox"/> Lombok Strait
<input checked="" type="checkbox"/> Magellan Strait	<input type="checkbox"/> Messina Strait	<input checked="" type="checkbox"/> Singapore Strait
<input checked="" type="checkbox"/> Sunda Strait	<input checked="" type="checkbox"/> Cape Horn	<input checked="" type="checkbox"/> Cape of Good Hope
<input type="checkbox"/> Chelyuskina	<input checked="" type="checkbox"/> North Cape	<input checked="" type="checkbox"/> North Cape - Inshore
<input type="checkbox"/> Norway - Indreleia Routing	<input type="checkbox"/> Norway - Inshore routing	<input checked="" type="checkbox"/> Thursday Island
<input type="checkbox"/> West of Taiwan		

Advanced Options

The return (ballast) voyage would allow for a safe passage through the Suez Canal which is displayed below with a total distance of 6,569' saving the owner 4,686'.



Routing

Departure Time: 2015-01-12 09:28

From	To	Speed (KTS)	Route	Turn-around	Distance (NM)	ETD (Z)	ETA (Z)
Rotterdam, NL	Ras Tanura, S	12.50	options		6,569'	12 Jan 15 09:28	3 Feb 15 07:00

Route Options

<input type="checkbox"/> Anti-Piracy	<input checked="" type="checkbox"/> ASL Compliance	<input checked="" type="checkbox"/> ENV / NAV / REG Routing
<input type="checkbox"/> Cape Cod Canal - North	<input type="checkbox"/> Cape Cod Canal - South	
<input type="checkbox"/> Chesapeake and Delaware Canal - East	<input type="checkbox"/> Chesapeake and Delaware Canal - West	
<input type="checkbox"/> Corinth Canal	<input type="checkbox"/> Kiel Canal	<input type="checkbox"/> Panama Canal
<input checked="" type="checkbox"/> Suez Canal	<input type="checkbox"/> Bahama Channel	<input type="checkbox"/> Bonifacio Strait
<input checked="" type="checkbox"/> Dover Strait	<input checked="" type="checkbox"/> Hainan Island	<input type="checkbox"/> Lombok Strait
<input type="checkbox"/> Magellan Strait	<input type="checkbox"/> Messina Strait	<input checked="" type="checkbox"/> Singapore Strait
<input checked="" type="checkbox"/> Sunda Strait	<input checked="" type="checkbox"/> Cape Horn	<input checked="" type="checkbox"/> Cape of Good Hope
<input type="checkbox"/> Chelyuskina	<input checked="" type="checkbox"/> North Cape	<input checked="" type="checkbox"/> North Cape - Inshore
<input type="checkbox"/> Norway - Indreleia Routing	<input type="checkbox"/> Norway - Inshore routing	<input checked="" type="checkbox"/> Thursday Island
<input type="checkbox"/> West of Taiwan		

Advanced Options

Example 2

A Capesize vessel departs Tubarao (Brazil) for Qingdao (China) on the 12th January, 2015 with an expected laden speed of 12 knts. The distance to Qingdao is roughly 11,371' with an ETA (in UTC) of 20th February, 21:00 (UTC).

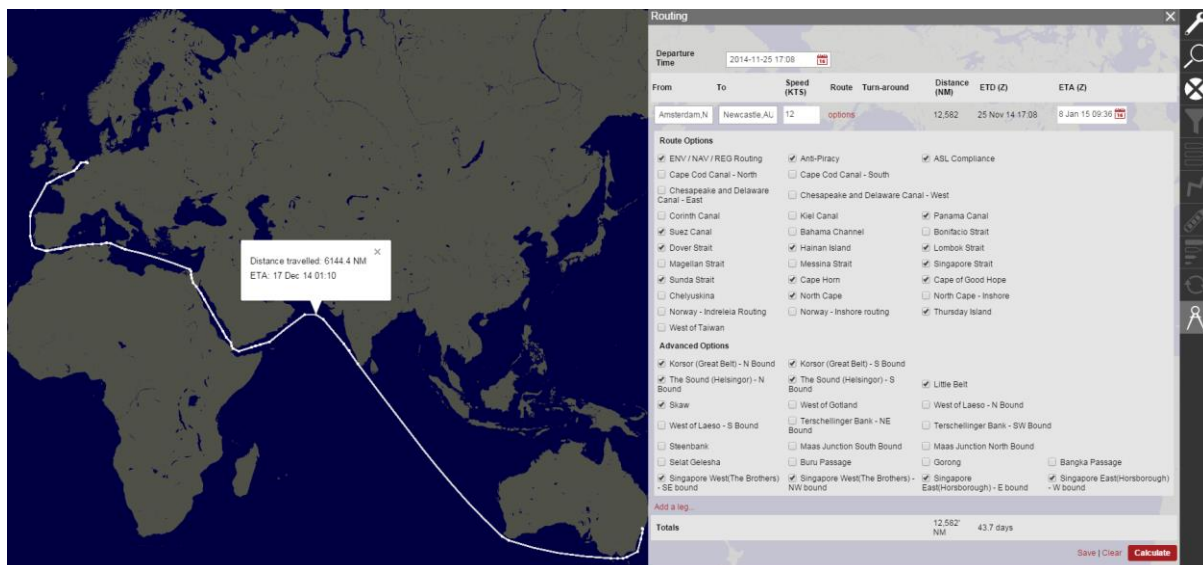
Adding an additional leg to port Hedland with an assumed ballast speed of 13 knts. and an estimated turnaround time of 4 days would add 3,612' to the voyage and the overall eta after allowing for speed and turnaround time would be around 8th March, 10:00 (UTC). The two legs would take about 14,983' or 55 days.

The screenshot shows the 'Routing' tool interface. At the top, the 'Departure Time' is set to 2015-01-12 09:28. Below this is a table with columns: From, To, Speed (KTS), Route, Turn-around, Distance (NM), ETD (Z), and ETA (Z). The first leg is from Tubarao, BRA to Qingdao, CHN at 12.00 knts, with a distance of 11,371' and an ETA of 20 Feb 15 21:00. The second leg is from Qingdao, CHN to Port Hedland, AU at 13.00 knts, with a distance of 3,612' and a 4-day turnaround, resulting in an overall ETA of 8 Mar 15 10:57. A 'Totals' row shows a combined distance of 14,983' NM and a duration of 55 days. At the bottom right are 'Clear' and 'Calculate' buttons.

From	To	Speed (KTS)	Route	Turn-around	Distance (NM)	ETD (Z)	ETA (Z)
Tubarao, BRA	Qingdao, CHN	12.00	options		11,371'	12 Jan 15 09:28	20 Feb 15 21:00
Qingdao, CHN	Port Hedland, AU	13.00	options	4d 0h 0m	3,612'	24 Feb 15 21:05	8 Mar 15 10:57
Totals					14,983' NM	55 days	

Additional legs may be added with ease along with various routing options.

Mid sea ETA's can be displayed by clicking on the track on the map.



Since speed is a user input, one can vary the eta and the routing tool will calculate the required speed.

e.g. in our previous example of a Capesize vessel departing Tubarao (Brazil) for Qingdao (China) on the 12th January, 2015 with an expected laden speed of 12 knts the ETA (in UTC)

is 20th February, 21:00 (UTC). Say the owner wishes to arrive on the 24th February, 12:00 UTC to avoid congestion.

The new ETA is fed into the model and the required speed is computed as follows (11 knots)

The screenshot shows a 'Routing' window with a map background. At the top, the 'Departure Time' is set to '2015-01-12 09:28'. Below this is a table with the following columns: 'From', 'To', 'Speed (KTS)', 'Route', 'Turn-around', 'Distance (NM)', 'ETD (Z)', and 'ETA (Z)'. The first row of data shows 'Tubarao, BRA' as the origin, 'Qingdao, CHN' as the destination, a speed of '11.00' with a circular arrow icon, a route labeled 'options', a distance of '11,371'', an ETD of '12 Jan 15 09:28', and an ETA of '24 Feb 15 12:00'. Below the table, there is a 'Totals' row showing a distance of '11,371' NM and a duration of '43.1 days'. At the bottom right, there are 'Clear' and 'Calculate' buttons.

From	To	Speed (KTS)	Route	Turn-around	Distance (NM)	ETD (Z)	ETA (Z)
Tubarao, BRA	Qingdao, CHN	11.00	options		11,371'	12 Jan 15 09:28	24 Feb 15 12:00
Totals					11,371' NM	43.1 days	

Smart Routing is possible: opt to travel safely through specific routes by selecting 'anti piracy' or turn off Singapore Strait and take the vessel through Sunda straits. Additionally, options for deep-water routing (via. The Cape of good hope etc.) are easy to execute.

Please get in touch at info@vesselsvalue.com or through +44 (0)20 8995 4364 for a personal demonstration to see how the service works.