

Value





Мар



An Introduction

Sister company 🜔 Seasure Shipbroking

Whether you need confidential and daily values, a comprehensive database or vessel tracking, position list and trade information, VesselsValue is the partner you can count on.

Who?

In 1993 Richard Rivlin founded specialist S&P broker, Seasure Shipbroking. In 2008 he laid down the foundations of what was to become VesselsValue with development starting in 2009 and VV going live May 2011. We now have 7 offices globally; London, Singapore, Korea, China, The Philippines, Isle of Wight and Stoke and are rapidly expanding. We are used by companies worldwide, clients include leading banks, funds, shipowners, advisors, government regulators and more.

What?

OUR DATABASE

Knowing everything about a vessel is crucial to valuing it accurately, which is why we invest in our own research team and extensive database.

- · Dedicated research office (Isle of Wight)
- · Comprehensive database of the global commercial fleet, sales and market indices
- · Updated and validated on a daily basis

Our Methodology

The methodology we've developed incorporates ship specifications, real time sales and freight earning sentiment, which enables market valuations of vessels in even the most illiquid of markets.

Our Services







Value

Value specific ships, entire fleets and companies in seconds for accurate. unbiased and instant online valuations.

Search

Search the VV database for vessels or transactions by a huge range of commercial and technical specifications.

Map

Our advanced vessel mapping and AIS tracking service. Analyse real time and historical vessel movements



Trade

Access ton mile demand and vessel trading information. Includes a vessel specific trade tool, macro ton mile demand summary and position list information.

Our email API tool, VV Appy, sends vessel values, specs and company information straight to your inbox. All you need to do is email Appy with your request.



Why VV?

- · 100% confidential
- Proven and tested accuracy
- · Accessible 24 hours a day, 365 days a year
- Easy to use platform
- Excellent customer service

0								
•	0	•	•	•	•	•	•	•
Bulkers	Tankers	Containers	LNG and LPG	Small Tankers	Small Dry	Offshore	Reefers	Superyachts
> 20,000 DWT	> 29,500 DWT	> 500 TEU	> 100 CBM	< 29,500 DWT	< 40,000 DWT	OSV,OCV & MODU	> 5,000 DWT	> 24m LOA

We currently cover



Value

Daily updated current and historical values for vessels, company fleets and portfolios. View and compare across six different asset values: Market, DCF, Demolition, Forecast, Linear and Replacement.

MARKET

What a vessel can be bought or sold for in the market.

DCF

The estimated long term value of a vessel calculated as the discounted cash flow of it projected revenues and costs.

DEMOLITION

What a vessel can be sold for in the scrap market. Shown for Indian subcontinent and Chinese scrap yards.

Forecast

Predictions of the future market values of a vessel until the end of its economic life.

LINEAR

The accountant's value and what often appears on the balance sheet of a ship owning company.

REPLACEMENT

The cost to replace a vessel with a newbuild ship of equivalent specifications.

Other Value services include:

MARKET AND DCF VALUATION CERTIFICATES Available to download at any time.

FIXED AGE ANALYSIS

An interactive tool that allows analysis of the historical distribution of market values for different generic vessel types and ages.

RECOVERY RATES

This tool provides a compilation of 'forced' sales, such as judicial auctions or bank initiated sales, which have been reported in the industry media since 2007 for the 3 main segments (Bulker, Container and Tanker).

MATRIX

Matrix of market values for generic (standard specification) vessels by type and year of build.

STATS

Summary statistics showing ownership by vessel type/company, sales stats by year/number/\$, fleet stats.



● ● ● ← → http://wessdavalue.com Gener8 Consul Ex GenMar Consul Type MR2 TNKR (Chem / Product) DW DH DWT 47,400 BLT 2004 Uljanik Brodogradiliste 🔤 Status Live O Gener8 Maritime 🎫 United States of America CONSUL LTD Tue 05 Jan 2016 😨 Back to Today / Market Value ¹ Demo Value ⁴ DCF Value Book Value 16.75 2.96 16.69 14.45 38.05 15.460 14.630 15,480 Values in USD millions. Average Charter Rate ⁴ in USD. Values subject to Disclaimer This is not a valuation certificate Five Values Market Demolition DCF Book Replacement Vessel Details Newbuildings Notes 0 Gener8 Consul EXPORT HISTORICAL VALUES = onthly | Weekly | Dail Zoom 1Y 2Y 5Y ALL From Jan 7, 2007 To Jan 3, 2016 CHANGE CHART from Monday, Mar 29, rket Value: 25.09 Market Value Analysis CHART GUIDE Historical Chart Guid 2012 2015

Example vessel valuation page.

Outputs								
		VesselsValue	Customised					
DCI	Value \$ i	39,210,933						
Average Charter	Rate \$pd ⁱ	21,171						
Assumptions						Saved Assumption	ons	
Vessel			Revenue			Expenditure		
Name ⁴	Proud		Charter rate for ¹	Vessel	٠	OPEX and survey costs for ¹	Vessel	٠
IMO ⁴	9538402		Short-term charter rate Spd ⁴	5,027	0	Current OPEX Spd ¹	6,724	
Ship type *	CAPESIZE		Long-term charter rate Spd ⁴	23,287	0	OPEX increase for age pa	0.25%	
Index type *	CAPESIZE	Tran	altion from short to long-term ⁴	2 years	•	Inflation rate for expenditure pa	2.00%	
Size DWT ¹	178,100		Charter reduction for age pa	1.00%				
Built date ⁴	05 Jun 2009		Inflation rate for charter pa	0.50%		Residual		
Valuation date ⁴	22 Jan 2016		Commission and fees pa	3.75%		LDT mt ¹	24,582	
Age at valuation ⁴	6.633		Other fees Spd ⁴	0		Scrap price Spit	418.56	0
Vessel life ⁴	25		Working days ⁴	355		inflation rate for scrap pa	2.00%	
Remaining useful life ⁴	18.367					Demolition commission ¹	4.00%	
Discount rate pa	7.638%							
						Add Fixed Charter	ical Seek I S	ave I Re

• • • •	- > is	ttp://wesselsva	lae.com/									
Back % Ch	ange Exp	ort Matrix	Data His	torical Ma	trix Toda	ty .						
VV Matrix	Wed 1s	t Jan 2	014									
All Bulke	rs Cont	ainers 1	Tankers	LNG	PG							
Year of	Build	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Bulkers	Cape	61.92 180k	61.31 180k	60.70 180k	60.10 180k	57.69 180k	53.54 180k	49.89 180k	47.19 180k	44.43 180k	41.64 180k	38.86 180k
	Pmax	31.69 80k	32.34 80k	33.00 BOk	33.67 80k	32.66 80k	30.70 80k	29.05 80k	27.96 80k	26.82 80k	25.65 BOk	23.29 75k
	Supra	30.86 60k	31.81 60k	32.80 60k	33.81 60k	32.80 60k	30.83 60k	29.18 60k	26.29 55k	25.24 55k	24.17 55k	23.08 55k
	Handy	25.16 30k	24.91 30k	24.66 JOR	24.42 JOk	23.53 30k	21.99 JOk	20.70 JOR	19.84 Jók	18.97 30k	18.11 JOk	17.25 30k
Containers TEU	ULCV	155.28 18k	152.24 18k	149.25 f@k	146.32 18k	139.01 18k	113.30 16k	104.21 16k	97.18 16k	84.48 15k	77.92 15k	71.53 15k
	New Pmax	112.15 13k	109.95 13k	107.79 13k	105.68 12k	100.39 13k	92.06 13k	84.67 13k	78.95 13k	67.58 12k	57.14 11k	47.68 10k
	Post Pmax	63.68 7k	62.43 7k	61.21 7k	60.01 7k	57.61 7k	53.52 7k	50.00 7k	47,47 7k	44.92 7k	42.36 7k	39.83 7k
	Pmax	40.48 4k	39.68 4k	38.91 4k	38.14 4k	36.62 4k	34.02 4k	31.78 4k	30.18 4k	28.55 4k	26.93 4k	25.32 4k
	Sub Pmax	25.32 Jk	24.82 3k	24.34 3k	23.86 3k	22.90 Jk	21.28 3k	19.88 3k	18.87 Jk	17.86 Jk	16.84 3k	15.83 Jk
	Handy	19.76 1k	19.37 fk	18.99 fk	18.62 fk	17.87 1k	16.54 TR	15.32 fk	14.37 fk	13.37 TR	12.36 fk	11.34 rk
	Fmax	14.74 750.0	14.45 750.0	14.17 750.0	13.89 750.0	13.34 750.0	12.35 750.0	11.45 750.0	10.75 750.0	10.03 750.0	9.29 750.0	8.55

Example matrix page.



Search

Search our database of vessels (live and on order), newbuilding contracts, demolition sales, period charters, trading sales and failed sales. Filter and sort by all relevant technical and commercial features and specifications (i.e. type, size, engine, age, tank coating, lifting gear, containment systems, reefer plugs, owner, buyer, seller and much more). Our powerful online database allows you to search and analyse:

- The Global Fleet (i.e. live and newbuild vessels, yards and companies).
- The current and historical deals
 (i.e. trading sales, failed sales, newbuilding contracts, demolition sales and period charters).

SEARCH

Explore the database by a huge range of specifications and attributes with no restrictions on the number of daily searches.

COMPARE

Select multiple vessels and transactions from search results to compare specifications and values on one screen.

MONITOR

Save your search and access later, saving time and giving instant access to the data that matters.

Save your target lists in portfolios allowing you to monitor your chosen vessels in the same way as for company fleets. Go one step further to set up alerts to be sent to your inbox.

COMBINE

Combine with our Map tool to plot your search results in one click.



Type 🔻	Built 🔻 Size	s 🔻 Vessel 🔻 Featu	res 🔻 Company 🔻 Engin	e ▼ AIS ▼	Other 🔻			Remove Gr
Ship T	ype	is.	- VLCC	•				or but not remo
Builde	r Country	is	Japan					or but not remo
Build	fear	is between	2000 and 2005					or but not remo
Laden	/ Ballast	is	Laden					or but not remo
With re	lacted T	more Search Results			42	ressels << < 1 2	3 4 5	> >> 10 rows
With se		xport Search Results				essels << 1 2		
	Vessel Name	xport Search Results	Туре		Built	Builder	-	Company
	Vessel Name Altair Trader	xport Search Results	Type VLCC VLCC	Size 311,100 DWT 302,200 DWT	Built 2005			Company MOL
	Vessel Name	xport Search Results	VLCC	311,100 DWT	Built 2005 3	Builder Mitsui Ichihara		Company MOL
	Vessel Name Altair Trader Aquarius Wing	xport Search Results	VLCC	311,100 DWT 302,200 DWT	Built I 2005 3 2005 3 2001 3	Builder Mitsui Ichihara HI		Company MOL NS United Kalun Ka
	Vessel Name Altair Trader Aquarius Wing Artois	oport Search Results	vicc vicc vicc	311,100 DWT 302,200 DWT 298,300 DWT	Built I 2005 0 2005 0 2001 0 2004 0	Builder Mitsui Ichihara HII Hitachi	- 	Company MOL NS United Kalun Ka Euronav
	Vessel Name Altair Trader Aquarius Wing Artois Asian Progress 3	sport Search Results	VLCC VLCC VLCC VLCC	311,100 DWT 302,200 DWT 298,300 DWT 306,400 DWT	Built I 2005 3 2005 3 2001 3 2004 3 2003 3	Builder Mitsui Ichihara Hitachi Mitsubishi Hi	-	Company MOL NS United Kalun Ka Euronav MOL Chandris
	Vessel Name Atair Trader Aquarius Wing Artois Asian Progress 3 Australis	sport Search Results	VLCC VLCC VLCC VLCC VLCC	311,100 DWT 302,200 DWT 296,300 DWT 306,400 DWT 299,100 DWT	Built 2005 3 2005 3 2001 3 2004 3 2003 3 2000 3	Builder Mitsui Ichihara Hita Hitachi Hitachi Universal		Company MOL NS United Kaiun Ka Euronav MOL Chandris Navios Midstream I
	Vessel Name Attair Trader Aquarius Wing Artois Asian Progress 3 Australis C Dream	sport Search Results	vi.cc vi.cc vi.cc vi.cc vi.cc vi.cc vi.cc vi.cc vi.cc	311,100 DWT 302,200 DWT 298,300 DWT 306,400 DWT 299,100 DWT 298,600 DWT	Built I 2005 3 2005 3 2001 3 2004 3 2003 3 2003 3 2004 3 2005 3 2000 3	Builder Mitsui Ichihara Hitachi Hitachi Universal Hitachi Hitachi		Company MOL NS United Kaiun Ka Euronav MOL Chandris Navios Midstream F
	Vessel Name Atair Trader Aquarius Wing Atais Asian Progress 3 Australis C Dream Chryssi	•	vicc vicc vicc vicc vicc vicc vicc vicc vicc	311,100 DWT 302,200 DWT 298,300 DWT 306,400 DWT 299,100 DWT 298,600 DWT 298,900 DWT	Built I 2005 0 2005 0 2004 0 2003 0 2000 0 2000 0 2000 0 2000 0 2000 0	Builder Mitsui Ichihara HI Hitachi Mitsubishi Hi Universal Hitachi Kawasaki		Company MOL NS United Kalun Ka Euronav MOL Chandris Navios Midstream F Aeolos Managemen

Example fleet search.



Map

Our advanced AIS satellite and terrestrial vessel mapping and tracking service. Analyse current and historical vessel, company fleet and portfolio movements in real time. Filter, sort and group the global fleet and display AIS derived information (i.e. laden/ballast, navigation status, speed). Automated Zone Alerts (i.e. sanction zone entry/exit, lost signal) and Port Distance Calculator also available.

ZONE ALERTS

Set up your own Zone Alerts against individual ships, companies or portfolios to see when a vessel enters or exits a zone, goes within range or loses signal. Draw your own zone or select from predefined areas (i.e. US sanctions). Alerts are sent directly to your email.

• - - http://wesdoalae.com Q Search: by name, ex name, IMO number, company lers reefer at Fujian Funing TradeWinds New Notes Portfolios Saved Searches Saved Assumptions VVS Alerts VV@ Alerts Certificates Credits Usage Reports Valuations Alerts will be sent to your registered email C are UTO 1. Alert Type What kind of alert down WITHIN RANGE NO SIGNAL NEW SIGNAL ZONE ENTRY / EXIT \boxtimes (22) (, •)) → ⊠ 2d → ⊠ 2. Select Ships Please choose what ships you would like these alerts to be active for Individual Vessel

PORT DISTANCE TRACKER

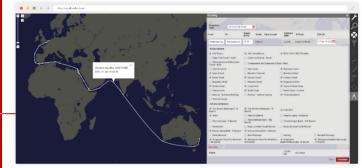
Choose from over 2,500 ports and track the amount of time, nautical miles or speed from one location to another. Includes multiple legs, route options and turnaround time.



Setup your own zone alerts.

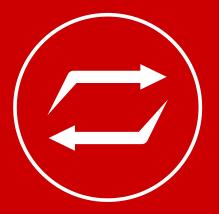


Example Zone alert around Port Elizabeth.



Example distance tracking (Rotterdam to Newcastle).





Trade

Want to know everything about global trading patterns and see which vessels are available to pick up cargo at any location? Trade turns data into information so you can make informed commercial and operational decisions.

Including a vessel specific trade tool and macro ton mile demand summary; you can identify supply and demand patterns, improve operational efficiency for Bulker, Tankers and Gas. Unlike traditional methods, we don't rely on inaccurate or untimely customs data. Instead we use our data and algorithms to calculate all analytics including ton mile demand at the vessel level.

STARTING AT VESSEL LEVEL

With our vessel specific trade tool you can access journey and stoppages information, including a vessel's current journey. Our stoppages heatmap will also give you a quick snapshot of its most visited ports and anchorages.

Laden and ballast speeds allow you to see how a vessel is being run and you can also access drydock, layup and bunkering history.

Ports

See all journeys in and out of every port to analyse vessel trading history, or learn about new sectors and trade routes. You can also access information on vessels in ports, including current and historical data.

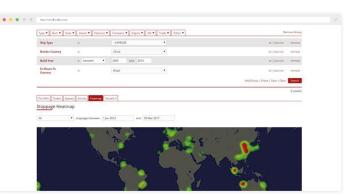
FIND AND ANALYSE THE DATA

Search and analyse our database by a huge range of vessel specifications and features in order to view ton mile demand, trades, speeds and activity by different groupings (global, sector, type, fleet).

TON MILE DEMAND SUMMARY

For a macro view of vessel ton mile demand use our Ton Mile Demand Summary. You can analyse YOY and MOM changes by actual figures and percentages, broken down by vessel type. Graphs and charts illustrate import and export ports as well as supply and demand patterns.

	$\overline{}$
	➡ \
$\langle -$	_ /)
\sim	



Search for trades by hundreds of criteria. Displayed on an easy to read Heatmap.



Analyse trade routes by company, ton mile history, speeds and more.

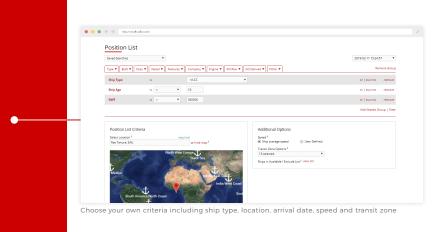
POSITION LIST

Get up to date information on which vessels are available to pick up cargo at any location in the world at the click of a button.

With our easy to use platform you can choose your own criteria including ship specifications, locations (ports, regions, any location on a map), arrival dates, speeds and use of transit zones.

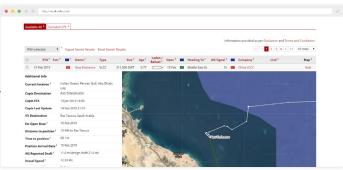
THE DATA WE USE

All our data is extensively researched, cleaned and updated by our dedicated research department. We are not reliant on Captain's reports. Instead we use our proprietary vessel destination logic.



	Before (date)	• 2	2 Feb 2019													
_								-							Share Sa	we Sear
Avai	lable 40 ⁻⁴ Excluded	275 1														
											ler.	(com s	tion exercised as a	our Dire	laimer and Terms a	od Cooditio
-	th selected	1.000	rt Search Results	famel from	de Baser des							in the	con provided as p		2 3 4 > >>	
w			rt search kesuits	Email Sean	in Results											
0	ETA ¹ Extr ¹	-	Name ⁴	Туре	Size ⁶	Age ¹	Laden / Ballast ¹	Open ⁴		Heading To ⁴	AIS Signal ¹		Company ¹		Link	Map
۰	15 Feb 2019		New Eminence	VLCC	311,000 DWT	0.77		15 Feb	-	Middle East Gu	th	-	China VLCC			More
0	15 Feb 2019 15 Feb 2019	-		VLCC VLCC	311,000 DWT 321,100 DWT	0.77 8.59	00		_	Middle East Gc Ras Tanura			China VLCC Bahri			
							000	15 Feb	-		0h	-		8	Tankers Inter	Mor
0	15 Feb 2019	-	Kidan	VLCC	321,100 DWT	8.59	0000	15 Feb		Ras Tanura	oh oh		Bahri	0	Tankers Inter	Mor
0	15 Feb 2019 15 Feb 2019	-	Kidan Sonia	VLCC VLCC	321,100 DWT 314,000 DWT	8.59 6.60	00000	15 Feb 15 Feb 15 Feb	•	Ras Tanura Ju'aymah	oh oh oh	-	Bahri Euronav	8	Tankers Inter	Mor Mor Mor
0	15 Feb 2019 15 Feb 2019 15 Feb 2019	-	Kidan Sonia New Courage	VLCC VLCC VLCC	321,100 DWT 314,000 DWT 319,000 DWT	8.59 6.60 3.76	0000	15 Feb 15 Feb 15 Feb		Ras Tanura Ju'aymah Ras Tanura	ch Ch Ch	•	Bahri Euronav China VLCC	8	Tankers Inter	Mor Mor Mor
	15 Feb 2019 15 Feb 2019 15 Feb 2019 15 Feb 2019	11 13 15 15 15 15 15 15 15 15 15 15 15 15 15	Kidan Sonia New Courage Kazusa	VLCC VLCC VLCC	321,100 DWT 314,000 DWT 319,000 DWT 310,400 DWT	8.59 6.60 3.76 8.74	0000	15 Feb 15 Feb 15 Feb 15 Feb 15 Feb		Ras Tanura Ju'aymah Ras Tanura	0h 0h 0h 15d		Bahri Euronav China VLCC MOL	8	Tankers Inter	Mor Mor Mor Mor
	15 Feb 2019 15 Feb 2019 15 Feb 2019 15 Feb 2019 15 Feb 2019	11 13 15 15 15 15 15 15 15 15 15 15 15 15 15	Kidan Sonia New Courage Kazusa Daniel	VLCC VLCC VLCC VLCC	321,100 DWT 314,000 DWT 319,000 DWT 310,400 DWT 318,000 DWT	8.59 6.60 3.76 8.74 6.02	0000	15 Feb 15 Feb 15 Feb 15 Feb 15 Feb		Ras Tanura Ju'aymah Ras Tanura Ras Tanura	oh oh oh 15d oh		Bahri Euronav China VLCC MOL NITC	8	Tankers Inter	More More More More More More

Search by available or excluded vessels.



Investigate individual ship's movement history

vesselsvalue.com



For more information contact

+44 (0) 203 026 5555 info@vesselsvalue.com VesselsValue Ltd Lyric House 149 Hammersmith Road London W14 OQL United Kingdom

VesselsValue Ltd is registered in England