HISTORICAL VOYAGE ANALYSIS (HVA)

The most accurate, fastest and reliable vessel performance analysis on the planet

OCEATA

GLOBAL OCEAN DATA SERVICES

Setting the Stage

Maritime operations are in the midst of a revolution, and Oceata is at the helm. With decades of expertise and a deep commitment to precision, our Historical Voyage Analysis (HVA) service is not just about numbers — it's about empowering decision-makers with insights that transform the way you manage your fleet.

Imagine a system where every voyage tells a story. HVA collects, analyzes, and delivers unparalleled data, painting a vivid picture of your vessels' performance in any seaway. This isn't just analysis–it's clarity, helping you refine operations, reduce costs, and exceed industry standards.

At Oceata, we understand that your business thrives on accuracy, speed, and trust. That's why HVA is designed to be the fastest, most reliable, and most detailed vessel performance solution available today.

Why HVA is **Different**

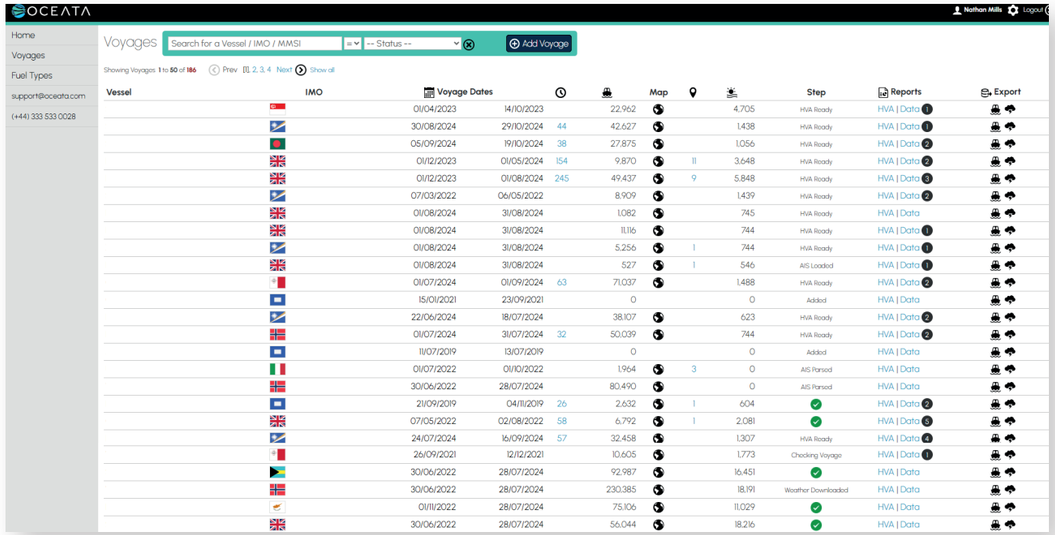
What sets HVA apart is its unmatched capability to deliver actionable intelligence. Powered by advanced algorithms and big data, it transforms raw voyage details into insights you can use. Whether it's optimizing fuel efficiency, validating Charter Party claims, or planning routes with precision, HVA does it all with ease.

HVA's seamless integration means you can load data from any source such as noon reports. The AIS and satellite weather data will automatically load providing the client with a unique ships digital fingerprint and the software platform will do the rest. With its state-of-the-art features, every decision you make is backed by the confidence that only Oceata can provide.

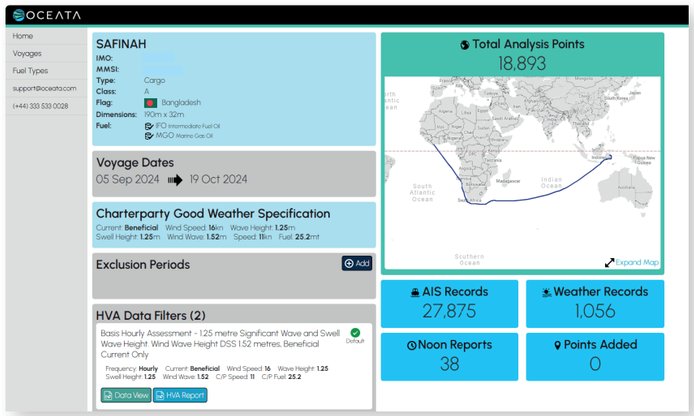
Innovation and reliability are in our DNA. Whether you're navigating the challenges of environmental regulations or striving to enhance your fleet's profitability, HVA is your trusted partner on the journey. Let's make waves together.

Welcome to the future of fleet management

An Example of **Your Fleet**



Vessel **Dashboard**



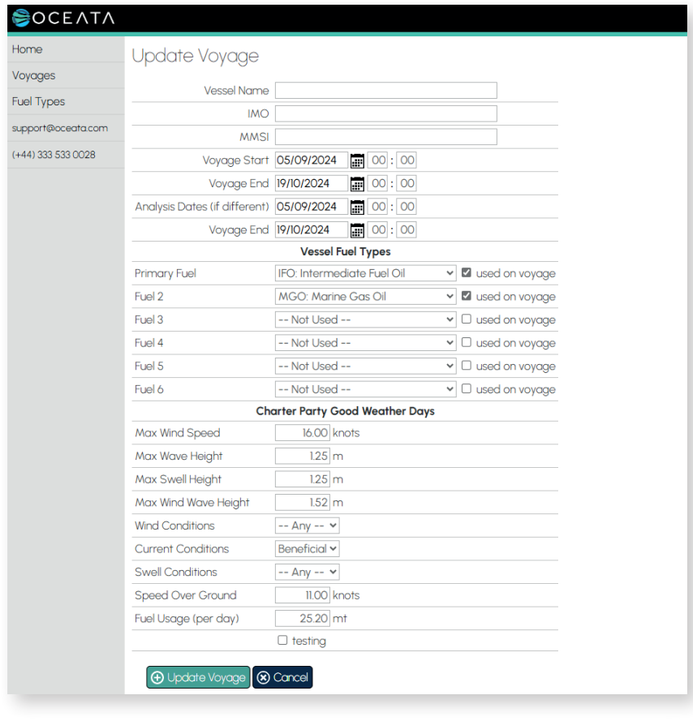
Load your fleet into the system.

Add the voyage and the system will return the AIS and Weather data.

The system will load your voyage with or without your noon reports.

Monitor, report and Verification at your fingertips.

Your **Charterparty**



Enter your dates to be analysed.

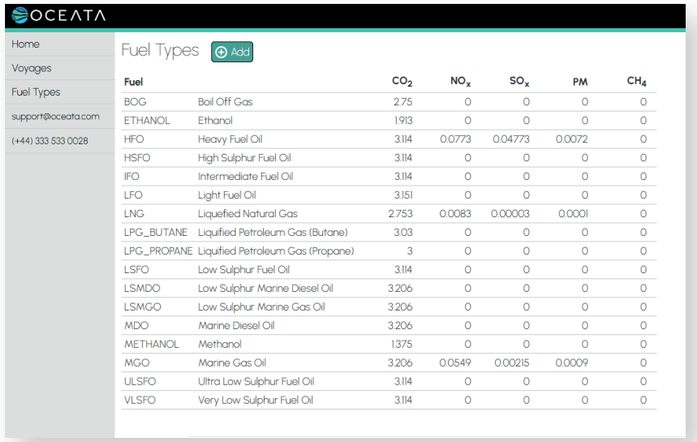
Pick your fuel types.

Note you can add gensets for emission calculations.

Enter Charter Party warranty details.

Any Charterparty type catered for including container and tanker speed and consumption curves.

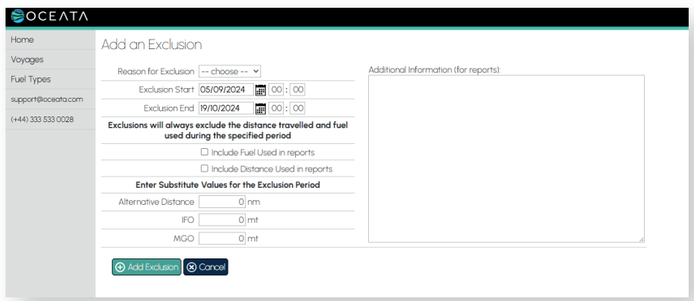
Your **Fuel Type**



Fuel		CO_2	NO_x	SO_x	PM	CH_4
BOG	Boil Off Gas	2.75	0	0	0	0
ETHANOL	Ethanol	1.913	0	0	0	0
HFO	Heavy Fuel Oil	3.114	0.0773	0.04773	0.0072	0
HSFO	High Sulphur Fuel Oil	3.114	0	0	0	0
IFO	Intermediate Fuel Oil	3.114	0	0	0	0
LFO	Light Fuel Oil	3.151	0	0	0	0
LNG	Liquefied Natural Gas	2.753	0.0083	0.00003	0.0001	0
LPG_BUTANE	Liquified Petroleum Gas (Butane)	3.03	0	0	0	0
LPG_PROPANE	Liquified Petroleum Gas (Propane)	3	0	0	0	0
LSFO	Low Sulphur Fuel Oil	3.114	0	0	0	0
LSMDO	Low Sulphur Marine Diesel Oil	3.206	0	0	0	0
LSMGO	Low Sulphur Marine Gas Oil	3.206	0	0	0	0
MDO	Marine Diesel Oil	3.206	0	0	0	0
METHANOL	Methanol	1.375	0	0	0	0
MGO	Marine Gas Oil	3.206	0.0549	0.00215	0.0009	0
ULSFO	Ultra Low Sulphur Fuel Oil	3.114	0	0	0	0
VLSFO	Very Low Sulphur Fuel Oil	3.114	0	0	0	0

All fuel types and their emission factors to calculate SEEMP and other emission regulations.

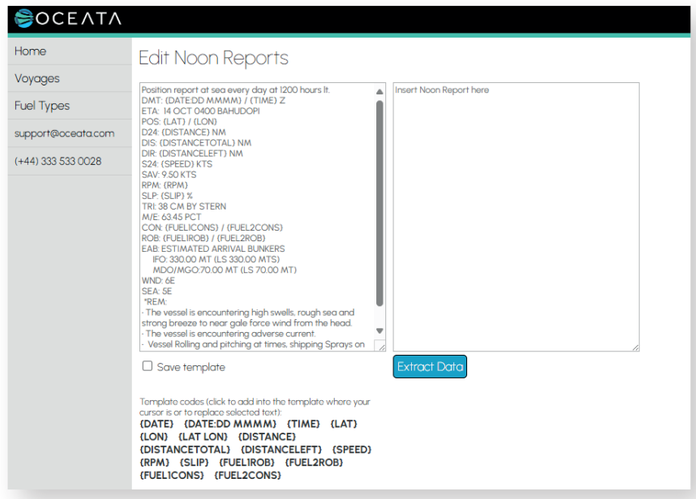
Exclusion **Periods**



Exclusion periods for off-hire, deviations, bunkering, guards or any other reason.

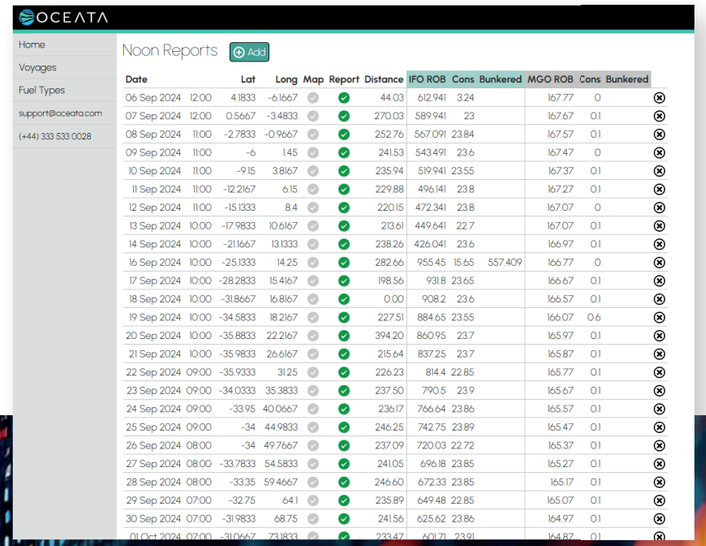
We take into account that your voyage has many different scenarios. Build in off-hire time for your SOA, or simply exclude time in ports.

Create **Standardised** Noon Report Template



Create noon report templates or in fact any other reporting template such as cargo or bridge and engine electronic log books for quick and easy uploading to the system.

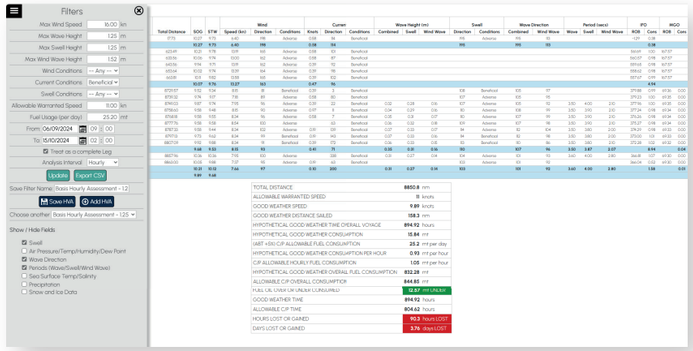
Noon Reporting and **Editing Feature**



Date		Lat	Long	Map	Report	Distance	IFO ROB	Cons	Bunkered	MGO ROB	Cons	Bunkered
06 Sep 2024	12:00	4.1833	-6.1667			44.03	612.941	3.24		167.77	0	
07 Sep 2024	12:00	0.5667	-3.4833			270.03	589.941	23		167.67	0.1	
08 Sep 2024	11:00	-2.7833	-0.9667			252.76	567.091	23.84		167.57	0.1	
09 Sep 2024	11:00	-6	1.45			241.53	543.491	23.6		167.47	0	
10 Sep 2024	11:00	-9.15	3.8167			235.94	519.941	23.55		167.37	0.1	
11 Sep 2024	11:00	-12.2167	6.15			229.88	496.141	23.8		167.27	0.1	
12 Sep 2024	11:00	-15.1333	8.4			220.15	472.341	23.8		167.07	0	
13 Sep 2024	10:00	-17.9833	10.6167			213.61	449.641	22.7		167.07	0.1	
14 Sep 2024	10:00	-21.1667	13.1333			238.26	426.041	23.6		166.97	0.1	
16 Sep 2024	10:00	-25.1333	14.25			282.66	955.45	15.65	557.409	166.77	0	
17 Sep 2024	10:00	-28.2833	15.4167			198.56	931.8	23.65		166.67	0.1	
18 Sep 2024	10:00	-31.8667	16.8167			0.00	908.2	23.6		166.57	0.1	
19 Sep 2024	10:00	-34.5833	18.2167			227.51	884.65	23.55		166.07	0.6	
20 Sep 2024	10:00	-35.8833	22.2167			394.20	860.95	23.7		165.97	0.1	
21 Sep 2024	10:00	-35.9833	26.6167			215.64	837.25	23.7		165.87	0.1	
22 Sep 2024	09:00	-35.9333	31.25			226.23	814.4	22.85		165.77	0.1	
23 Sep 2024	09:00	-34.0333	35.3833			237.50	790.5	23.9		165.67	0.1	
24 Sep 2024	09:00	-33.95	40.0667			236.17	766.64	23.86		165.57	0.1	
25 Sep 2024	09:00	-34	44.9833			246.25	742.75	23.89		165.47	0.1	
26 Sep 2024	08:00	-34	49.7667			237.09	720.03	22.72		165.37	0.1	
27 Sep 2024	08:00	-33.7833	54.5833			241.05	696.18	23.85		165.27	0.1	
28 Sep 2024	08:00	-33.35	59.4667			246.60	672.33	23.85		165.17	0.1	
29 Sep 2024	07:00	-32.75	64.1			235.89	649.48	22.85		165.07	0.1	
30 Sep 2024	07:00	-31.9833	68.75			241.56	625.62	23.86		164.97	0.1	
01 Oct 2024	07:00	-31.0667	73.1833			233.47	601.71	23.91		164.87	0.1	

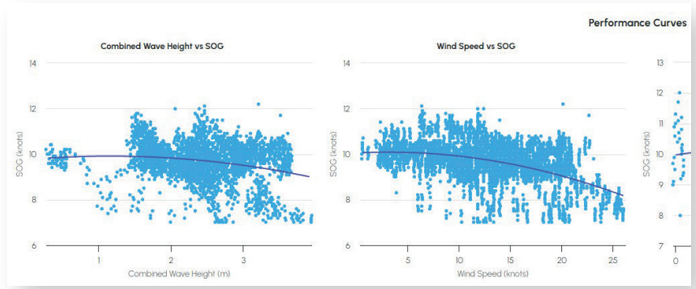
Noon reports are stored for each voyage. You can edit any report and it will automatically update the system.

Filter your **Performance Parameters**



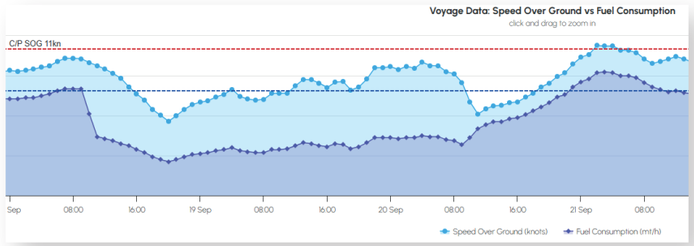
Filter results by entering the Charter Party parameters to assess the good weather results or alter various climate parameters to show various outcomes.

State of the Art **Performance Curves** based on **Big Data**



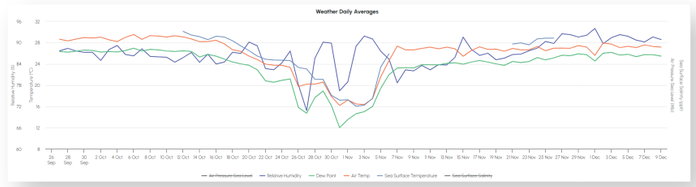
Performance curves built on big data show capability in any seaway. World's first real-time big data curves!

Zoom In Features for **Insights**



Big data enables deep insights into performance.

To Ventilate or Not to Ventilate **- That is the question**

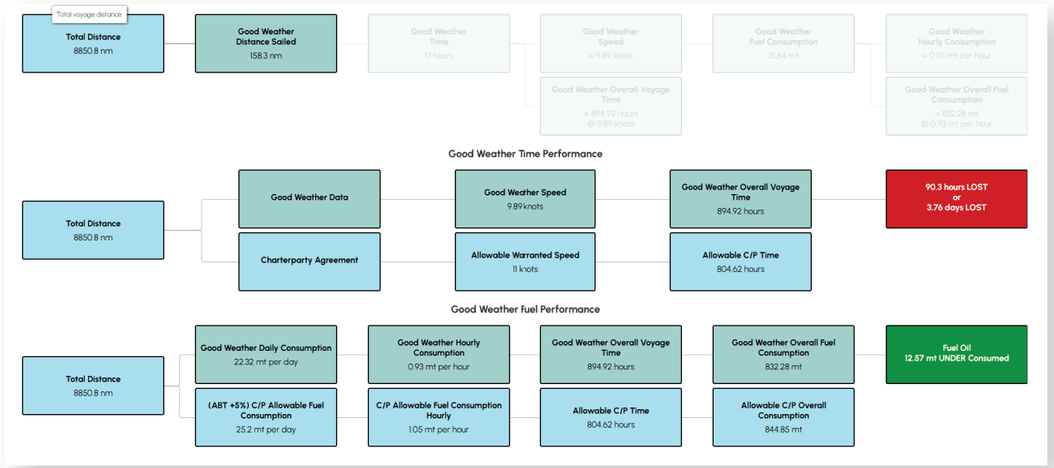


Hygroscopic cargo is prone from sweat. Monitor Air, Sea, DP, and RH.

Plan subsequent voyages with greater assurance.

Know your ships capabilities in every seaway.
Plan voyages with greater confidence.
Understand cargo damage and how best to avoid it.

Automatic
Good Weather Calculation



The Didymi Good Weather Calculation for all fuel types. Can be adjusted to any C/P type – NYPE, BOXTIME, ShellLNGtime 2 etc.

Emissions Covered

CII, EEOI, EEXI, EU ETS – THETIS FORMAT
CO2, NOX, SOX, PM, CH4.

Quality assured and checked. Master mariner vetted.
Accurate, reliable and credible.