

CP Module

for

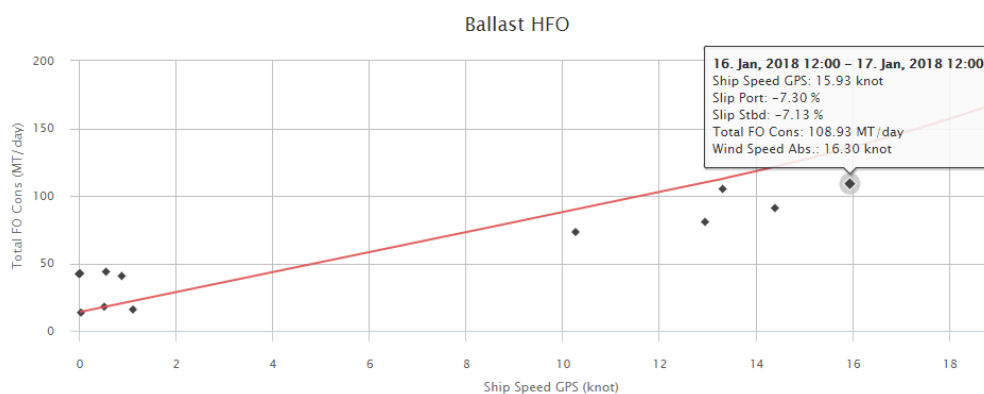
Kyma Ship Performance

An optional feature of the Kyma Ship Performance system is the **CP Module**. Using this tool, the performance data collected can be used for detailed analysis and evaluation of how the vessel performs relative to any specific **Charter Party** contract.

A **charter party** is a contract between a vessel owner and a charterer. The charterer takes over the vessel for either a certain amount of time (*time charter*) or for a given point-to-point voyage (*voyage charter*). A time charter party sets out the terms of the contact and the freight rate, which is effectively the price of hire. The charterer will pay for all the running costs of the ship such as the fuel and insurance.

The CP Module utilizes the Kyma Ship Performance System's (KSP) key values for wind, load, draft, speed and fuel etc. These values are measured and logged every 15 sec. and the CP Module generates reports, as required, based on these measurements.

A selection of reports is available, where the specific values can be extracted and presented in various different formats. The day-to-day performance (fuel consumption per day) compared to a pre-set *contract benchmark line* is though the most relevant graph to be displayed.



The above figure shows the actual vessel performance, shown as daily "dots", relative to the contractual conditions, indicated by the red line.

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Additional information

The Kyma CP Module can be tailored to meet individual users' requirements with regard to specific contractual contents. Typical values would be speed, wind, actual fuel consumption and propeller slip. The software offers the option of setting filter values for the exclusion of time periods beyond the contractually agreed terms as shown in the figure below:

Summary		Charter party data				Export to excel
From date	To date	Actual consumption (ton)	Allowed consumption (ton)	Difference (ton)	Distance (nm)	
14. Jan, 2018 12:00	15. Jan, 2018 12:00	42.69	14.21	28.48	0.48	
15. Jan, 2018 12:00	16. Jan, 2018 12:00	104.44	113.92	-9.48	315.84	
16. Jan, 2018 12:00	17. Jan, 2018 12:00	101.00	125.96	-24.96	354.51	
17. Jan, 2018 12:00	18. Jan, 2018 12:00	68.60	86.25	-17.65	231.50	
18. Jan, 2018 12:00	19. Jan, 2018 12:00	42.14	14.00	28.14	0.00	
19. Jan, 2018 12:00	20. Jan, 2018 12:00	40.70	20.51	20.19	20.55	
Summary		399.55	374.84	24.72	922.88	

Summary		Charter party data								Export to excel
From date	To date	Total FO Cons Deviation (ton/day)	Ship Speed GPS (knot)	Total FO Cons (ton/day)	Slip Port (%)	Slip Stbd (%)	Wind Speed Abs. (knot)	Included time (hours)	Excluded time (hours)	Excluded data
14. Jan, 2018 12:00	15. Jan, 2018 12:00	28.48	0.02	42.69	0.00	0.00	4.55	24.00	0.00	
15. Jan, 2018 12:00	16. Jan, 2018 12:00	-7.16	13.16	104.44	-2.82	-2.72	12.97	24.00	0.00	
16. Jan, 2018 12:00	17. Jan, 2018 12:00	-26.68	15.93	108.94	-7.34	-7.17	16.19	22.25	0.00	
17. Jan, 2018 12:00	18. Jan, 2018 12:00	-17.75	10.29	73.17	-2.67	0.32	7.48	22.50	0.00	
18. Jan, 2018 12:00	19. Jan, 2018 12:00	28.14	0.00	42.14	0.00	0.00	7.42	24.00	0.00	
19. Jan, 2018 12:00	20. Jan, 2018 12:00	18.12	0.86	40.70	2.90	2.98	4.58	24.00	0.00	
Summary								140.75	0.00	

The minimum system requirements for the Kyma CP Module are:

- Kyma KSP software version 8.90
- Kyma Online account and a valid subscription for the vessel
- Kyma agent software enabled
- On board Kyma computer with access to the vessel's mail server

