

Energieffektiva lösningar och leverantörer

Nicolai Slaatto
Propulsion Dynamics

Svensk Sjöfarts medlemsmöte
7 mars 2017, Göteborg

Areas of interest

Ship and Fleet Performance; Fuel Management; Maintenance Optimization; Performance Validation, Bench-marking, Recommendations.

The CASPER[®] Service

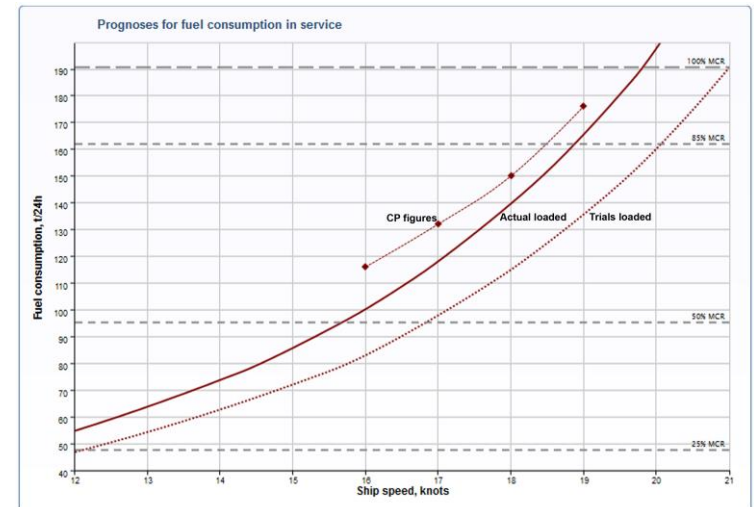
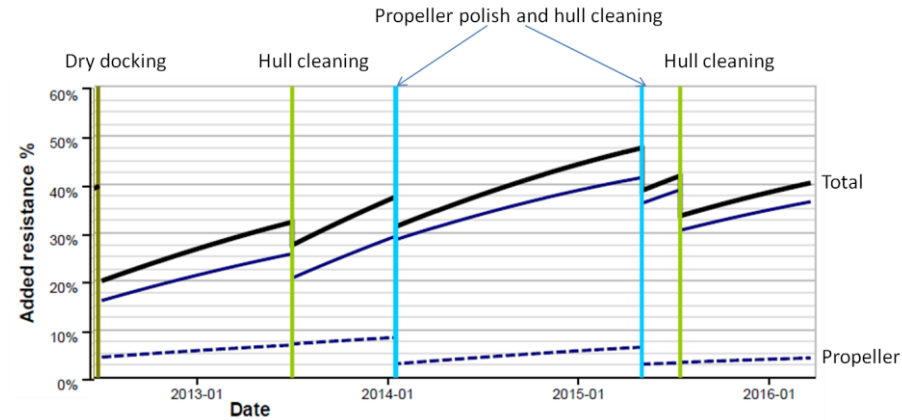
What:

Decision making tool telling you when (and why) it pays to clean hull and propeller.

The service identifies the degree of added resistance and provides accurate speed/fuel curves of your vessel for any condition.

Why:

- Attain high fuel efficiency and lower operating costs while reducing carbon footprint.
- Optimize service intervals.
- Evaluate the effects of maintenance .
- Benchmark ships against pooled data.
- Receive the highest charter rates possible.



The CASPER[®] Service

How:

A physical-mathematical model of each ship is created based on speed trials. Performance data is analyzed by Naval Architects. The results are presented as KPIs such as Added Hull Resistance, Fuel Oil Consumption, Speed/Fuel curves etc.

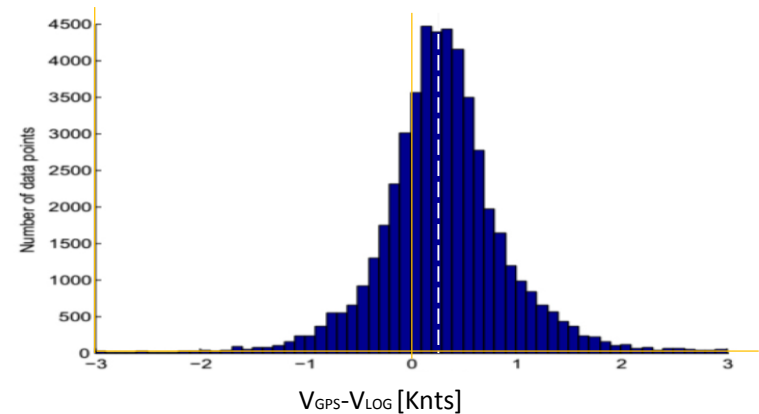
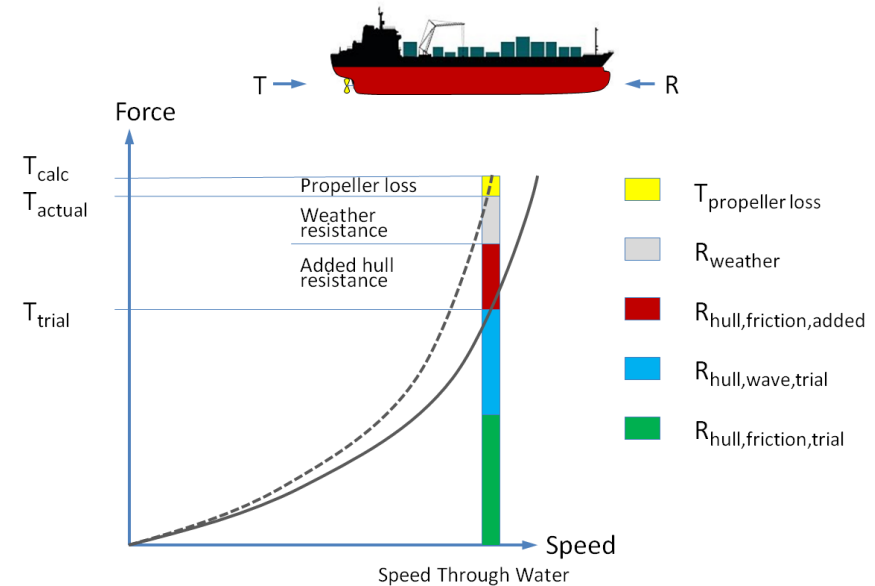
An extensive database of more than 3.000 ship-years provides a strong foundation for bench-marking.

Strength:

- We make sense out of big data.
- Highly skilled Naval Architects are conducting every single analysis.

Preconditions/Installation/Implementation:

- Applicable for all ocean going vessels.
- CASPER[®] is compatible with all auto-logging/noon reporting systems as well as crew readings.
- No extra hardware or software is needed – no upfront investment.



Results

We deliver a platform for decision making, which enables you to maximize the propulsion performance of your fleet.

Level of maturity

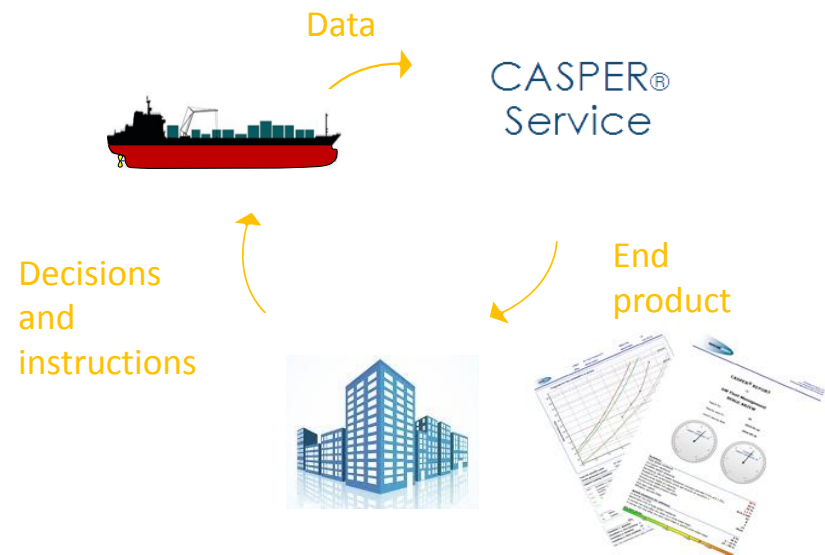
- We have 17 years of experience.
- 350+ ships currently in the program.
- 25+ clients worldwide.
- Market leading, independent and in continuous development in cooperation with our customers.

Pricing policy

One-time enrolment fee and monthly subscription fee, dependent on fleet size and level of reporting.

Conclusion

The CASPER[®] service is an easy accessible tool to instantly show the actual performance status of your Ship/Fleet.



Contact: Nicolai Slaatto, Propulsion Dynamics,
nsl@propulsiondynamics.com