

Explaining the new international standard for hull and propeller performance

## WHAT is ISO 19030?

An agreed and standardised method to measure the performance of a vessel's hull and propeller through the water

Enables ship owners and operators to compare hull and propeller solutions, and select the most efficient option for their vessels and fleets

## WHO DEVELOPED ISO 19030?



Academics



Shipowners



Coating and propeller companies



Data Analysts

## ★ HOW IS PERFORMANCE AGAINST ISO MEASURED?



Ship performance before and after dry docking



In-service performance



Necessity and timing of maintenance



Impact of maintenance

## WHY WAS ISO 19030 DEVELOPED?



To promote ship efficiency



To increase ship owners' confidence in the accuracy of hull and propeller performance statistics



To enable effective management of performance guarantees and contracts



To deliver clear and transparent measurement of each technology's benefits

## WHAT APPROVED DATA ANALYSIS TECHNIQUES DO SHIP OWNERS USE? ✓



1 vessel = 10% of the global fleet

A selection of monitoring methods including noon data collection (ISO 19030 Part 3)

Installed monitoring hardware and software (ISO 19030 Part 2)

## WHAT NOW?



Educate industry on principles/value



Further clarity on uptake



ISO19030 compliant performance prediction through Intertrac® Vision



Appetite for integration in ship owner analysis systems and analysis software of performance monitoring companies