Ship Energy Assessment: Condition Optimisation & Routing Enhancement System (SEA-CORES)

Increasing the efficiency of future ship operations

The software connects fuel and engine optimisation with big data analysis, via System Information Exploitation (SIE) technology.

The software is currently installed on a commercial tanker provided by James Fisher and Sons.

Correlates performance data using advanced genetic algorithms to aid planning of future ship operations.

SEA-CORES technology monitors the equipment, fuel and energy performance of a ship at sea in real-time.

SEA-CORES is able to map trends and use the information to determine how a ship should be configured over time.

Can monitor the operational performance of multiple vessels at sea simultaneously.