

Fuel strategy optimisation tool launched

www.2020marineenergy.com
www.bunkermetric.com

20|20 Marine Energy and BunkerMetric have jointly announced the launch of a new predictive analysis tool to allow shipping companies to calculate the financial and operational impact of the impending MARPOL Annex VI global 0.5 per cent sulphur cap, which comes into force on January 1, 2020.

The 2020 SEER (Sulphur Emissions Evaluation and Risk management) software considers a range of factors that impact bunkering decisions, including fuel price forecasts, trade patterns, vessel speed, consumption, product specifications, time spent in Emission Control Areas (ECAs), and tank sizes.

Simulation and optimisation algorithms are then used to generate an optimal bunkering plan, specifying the amount of each fuel type to purchase at each port call.

SEER also generates a comparative economic analysis of different vessel configurations for operating under the new sulphur rules, to allow users to analyse different potential strategies. For example, a shipowner can compare the economics of a conventional vessel burning distillates, to a vessel equipped with a scrubber, or using LNG.

The analysis takes into account the CapEx and OpEx of each variant, as well

as range, tank sizes, margin, preferred fuelling locations, and geographical fuel price spreads.

The application will be continuously updated in line with changes to fuel price spreads, the companies said, as well as supply and demand scenarios on a regional and global basis. The software will be available via a web portal or as a dashboard within an existing system infrastructure.

"The reality is that fuel buyers – the ship owners, operators and charterers – need to drill down into the real detail on what their fuel procurement strategy will be post 2020 for each and every vessel they own or operate. Based on certain trading routes, distillates might be appropriate for one vessel. For another, a scrubber might be more applicable," said Adrian Tolson, senior partner, 20|20 Marine Energy.

"To do this, they need to be able to look into the future; to see what a 2020 world looks like, and the impact that it will have on their businesses, both financially and from an operational perspective."

"With this clarity they can develop the right fuel procurement strategy that will keep costs as low as possible, mitigate risks and ensure compliance. As well as creating a more efficient and profitable operation, and ensure business continuity, they will also be more competitive in the eyes of their customers."

IB announces partnerships

www.imarinesoftware.com
www.shipserv.com
www.gruppo-ib.com

New York-based iMarine Software has agreed a strategic partnership with maritime software company IB, which will see the companies integrate their applications for the maritime market, while e-Commerce platform ShipServ will also integrate with IB's application package through a separate deal.

iMarine Software's SeaProc system is an e-Commerce offering that connects ship operators with approximately 50,000 different vendors. The application provides a unified platform for managing and monitoring supply chain transactions, in a scalable environment hosted by Amazon Web Services.

The new partnership will see InfoSHIP, IB's vessel management software, integrated with Seaproc to streamline operations for users of the systems and simplify the flow of data between the programs.

InfoSHIP is used to manage logistics and procurement as part of its vessel management functionality, while also covering areas like maintenance, quality and safety, electronic logbooks, dry dock activities, energy performance and risk assessment.

ShipServ has also

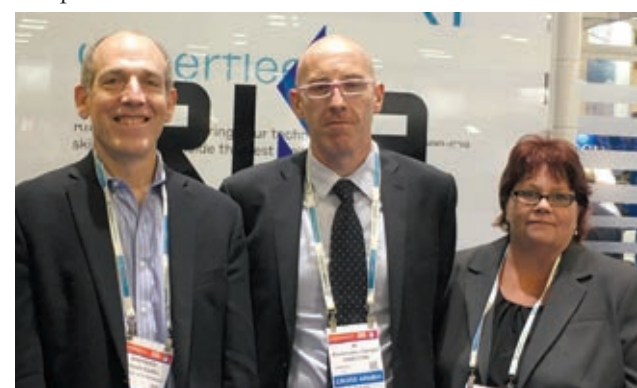
announced a separate partnership agreement with IB, which will see ShipServ's e-procurement system integrated with InfoSHIP.

Once integrated, all InfoSHIP customers will be able to automatically link to ShipServ's TradeNet procurement platform and have access to the 68,000 suppliers currently on ShipServ's network.

Overseeing the integration project is Don Staffin, executive vice president at ShipServ.

"ShipServ has always valued its close working relationship with maritime software providers, who we consider key partners. Collaborations such as this deliver genuine mutual benefits, enabling us to provide the advantages of our solution to such a wide range of buyers," he said.

"Equally, the customers of our software partners benefit from access to a marketplace of over 68,000 suppliers and \$3.5 billion in annual trade."



(l-r) Donald Staffin, ShipServ; Alessandro Canepa, IB; and Lynn Sutter, ShipServ

Bureau Veritas launches emissions data compliance tool

www.bureauveritas.com

Bureau Veritas has introduced the first phase of its My Fuel Consumption software system, a Cloud-based web application offering a digital process to manage compliance with IMO-DCS (Data Collection System) and EU MRV (monitoring reporting and verification) regulations, which aim to track shipping CO2 emissions.

Phase 1 of My Fuel Consumption allows users with Bureau Veritas classed ships to fill in and submit their Ship Energy Efficiency Management Plans (SEEMP) Part II, as requested by IMO-

DCS, directly within the app. Further progress after submission can be reviewed online and confirmation of compliance downloaded when issued.

The next phase of the application, planned for release in June, will enable owners to complete declarations for both IMO-DCS and EU-MRV through a single online form, which will be applicable to BV-classed ships and MRV ships contracted with Bureau Veritas.

"The whole point of My Fuel Consumption is to make life simpler and easier for our clients, and therefore contribute to the reduction of emissions. It also

helps them to get accessible, accurate and useful data as well as being a compliance tool," said Laurent Hentges, vice president operational excellence, Bureau Veritas.

In related news, Bureau Veritas has also recently launched 'PSC Ready', a Cloud-based application to help ships' crews to prepare for port state control (PSC) inspections, downloadable for both iOS and Android.

The app can be used to train crews to detect, correct and avoid deficiencies, and includes a 'Check offline, report online' functionality for use when data connectivity is limited on board.

Records and performance can also be shared with shore based management connected through the app for analysis.

"We wanted to ensure that shipowners and their crews know what Port State inspections require and to help them manage those requirements – all with a practical, digital, tool," said Laurent Leblanc, vice president and marine operations director, Bureau Veritas.

"This application provides the most up-to-date route to manage PSC planning and performance, enabling data and best practice to be shared on-board and across fleets."

"Port state control is a major operational factor for shipowners and the bottom line is both safety and preventing unexpected operational loss of time and cost."

Korean Register updates KR-CON

www.krs.co.kr

Korean Register (KR) has released the latest version of its KR-CON software for surveyors, shipbuilders and PSC officers, with the new launch of the 16th version of the application.

First introduced in May 1997, the software program allows users to search for IMO instruments, with all IMO conventions, codes, resolutions and circulars first made available through the system on a CD-ROM.

KR-CON has been revised and updated 15 times since its initial release, and is now available in English, Korean and Chinese and can be accessed on USB, via the web, or using a mobile application.

The latest version includes an improved Cloud function that enables users to access the most up-to-date IMO Convention database regardless of their location.

The most recent amendments adopted at the 98th MSC (Maritime Safety Committee), the 71st MEPC (Maritime Environment Protection Committee), SOLAS (International convention for the safety of life at sea), MARPOL (Marine Pollution Treaty) and IMDG (International Maritime Dangerous Goods) Code are all included, KR says.



The My Fuel Consumption app can be accessed via a web browser