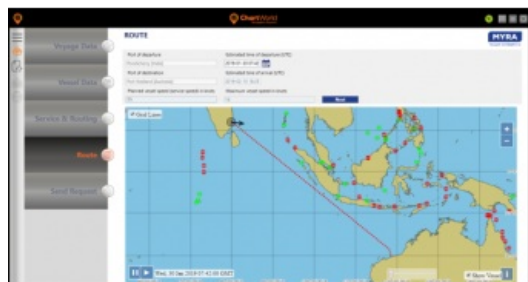# ChartWorld Launches Voyage Planning Platform

ChartWorld has launched its My Route Appraisal (MyRA) digital routing service. The MyRA concept is built around the digitization and automation of voyage planning procedures, freeing up the bridge team to concentrate on route approval, execution, and monitoring.

Voyage Plan

MyRA provides vessels and onshore personnel with an automatically proposed Electronic Chart Display and Information System (ECDIS)-ready voyage plan; this is based on a route network, port databases, bathymetry from ENCs, weather forecasts, and the relevant ship model. Ship-specific safety contours and automatically calculated safety corridors (XTD) are factored into the route calculation and route check. Weather-optimized and/or fuel-optimized route planning can also be included for the fastest or most economical routing.

Saving Time for the Bridge-team

Steven Schootbrugge of Chartworld said "The combination of automated route planning, integrated risk-management features, and greater onshore oversight of vessel navigation revolutionizes how the crew and onshore staff work with digital route-planning data. In the last 20 years, we have seen a massive increase in voyage-related data which must be processed by the crew. MyRA reduces the burden of manually having to collect, verify, and input a vast array of data into voyage plans. This saves bridge teams time, allowing them to focus on risk assessment, adjustments and approvals."

Voyage plans automatically include all navigational route information including:

- Voyage data
- Routing criteria, waypoints, ENC, ADP, AENP, T&M Notices, and NAVAREA warnings in force
- Information about ENC data quality (CATZOC), minimum charted depth, ECA and MARPOL zones

Voyage plan data is provided in printable PDF and editable Excel formats, with a pre-checked route in RTZ format, and is export-ready for any ECDIS. MyRA also delivers ChartWorld's CIO+ overlay with additional safety-related information.

Planning and Route Checking

Oliver Schwarz, ChartWorld's business development director, said "MyRA allows for combined onboard and shore-based voyage planning and route checking to reduce human error in the voyage planning process. There is a double check from the outset and options to tailor a route depending on the immediate need."

https://www.hydro-international.com/content/news/chartworld-launches-voyage-planning-platform-2