



**NEWS**  
**FOR IMMEDIATE RELEASE**  
**MAY 28, 2010**

**JEPPESEN RELEASES dKART SOUNDING TO OBSTRUCTION TOOL TO  
CORRECT ECDIS PRESENTATION FAULT**

EGERSUND, NORWAY, May 28, 2010 – Jeppesen has released the dKart Sounding to Obstruction tool, which is designed to correct an ECDIS presentation fault whereby some shoal soundings may not be depicted on ECDIS displays. The dKart Sounding to Obstruction tool is available immediately to hydrographic offices and producers of electronic navigation charts (ENC).

This tool is the first and only application that rapidly and securely reviews an entire ENC library for soundings that may not be displayed, fixes them and produces a comprehensive and detailed report of changes made. The application is being released as part of the dKart Inspector and dKart Editor Maintenance subscription agreement, so it is available at no additional cost to organizations already producing ENCs using current dKart licenses.

The International Hydrographic Office (IHO) first made known the ECDIS presentation fault, whereby some shoal soundings may not be presented on an ECDIS display, in April 2009. Mariners were advised to review planned routes in an ECDIS to display "all data", and hydrographic offices were urged to review and update their source material.

“Jeppesen has developed a solution that programmatically eliminates the ECDIS shoal presentation fault for hydrographic offices and ENC producers, helping them to succeed in their mission of providing the information necessary for mariners to operate safely,” said Jeppesen dKart tools product manager John K. Klippen. “Ours is

the first and only tool that automates the whole process of identifying and fixing the appropriate soundings."

The dKart Sounding to Obstruction tool uses an ENC file feed (including the base file and any update files), and checks each ENC for sounding clusters that contain data that should appear as an obstruction, not as a sounding. The appropriate depth is changed to an obstruction object type in the depth position, common attributes are transferred automatically and an option is given to set water level effect attribute automatically. In the ECDIS, when mariners update the resulting ENC files, the shoals that did not appear in standard mode will now appear as obstructions, and automatic grounding alarms will detect them.

Jeppesen dKart Office software is used by the vast majority of Hydrographic Offices worldwide, in addition to companies working on contract for these offices. With dKart Office, Jeppesen provides a solution that creates hydrographic products including ENCs and traditional paper charts, and enables easy product management and maintenance. dKart Office is fully supported and licensing agreements ensure that clients stay in compliance with regulatory developments.

ENC producers can get download details for the application by contacting Jeppesen at the following address: [dkart@jeppesen.com](mailto:dkart@jeppesen.com).

### ***About Jeppesen Marine***

*Jeppesen is a market-leading provider of vessel operations services and digital navigation solutions, based on worldwide vector chart data type approved to ISO19879, meteorological information and transmission technologies. Jeppesen Marine offers a wide range of navigation and operations products and services to both light and commercial marine markets. Safety-conscious boaters and operators, that range from inland and coastal towboats to SOLAS class vessels, rely on Jeppesen Marine, which is chartered with the same*

*underlying values that launched Jeppesen in 1934 – improving safety and efficiency through innovative navigation solutions.*

*For more than 75 years Jeppesen has made it possible for pilots and their passengers to safely and efficiently reach their destinations. Today this pioneering spirit continues as Jeppesen delivers essential information and optimization solutions to improve the efficiency of air, sea and rail operations around the globe. Jeppesen is a subsidiary of Boeing Commercial Aviation Services, a unit of Boeing Commercial Airplanes. Jeppesen corporate information is available online at [jeppesen.com](http://jeppesen.com).*

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