

ECDIS Kernel v5.20 Improving ECDIS Usability



contour-related objects.



SevenC's ECDIS Kernel SDK (Software Development Kit) 5.20 has been designed to meet all future requirements of the latest international standards (IEC 61174 Standard edition 4.0; IHO S-52 Presentation Library edition 4.0; IHO S-64 Test Standard edition 3.0) in order to reduce implementation irregularities and improve the overall usability of chart display systems. The new stand-alone chart-handling tool ChartHandler allows for handling large amounts of data and sets a benchmark for chart loading and updating in the industry.

A focus of the release version 5.20 has been laid on detection and indication of danger and caution objects (image). It is specified which objects have to be treated as navigational hazards, areas for which special conditions exist and safety

Some of the feature improvements reflect the revised and new definitions for the chart and mariner's settings, i.e. display categories, viewing group layers and so-called display selectors. The new version enables the display of the status of a chart of any past time or time interval based on the applied chart updates and it lists only those objects in a pick report which are displayed according to the chart settings.

The new test frame of ECDIS Kernel v5.20 is included in the delivery and supports all S-64 chart display tests.