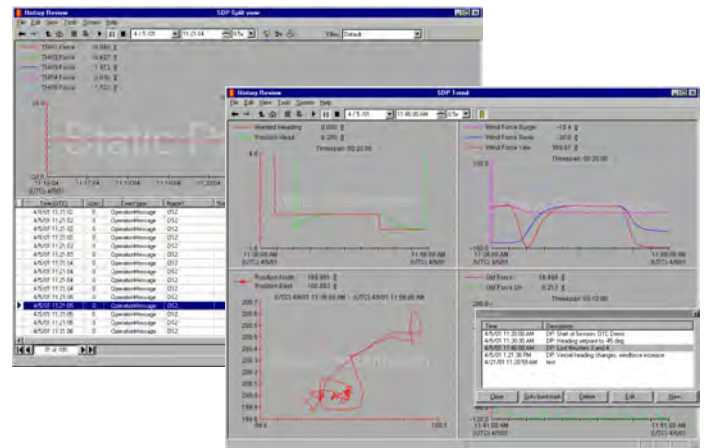


History Review Station

History Review Station (HRS) - A tool for analysing SVC and SDP history data.

The HRS is a Windows XP® based tool for viewing history data from both SVC and SDP systems on a standard office workstation.

This tool may be used at a computer connected to the administrative network in the Kongsberg Maritime system.



Features

Data retrieval and display

- Access to SVC and SDP time-series data bases
- Access to SVC and SDP event data bases
- Time series and events can be synchronised and scrolled together
- Bookmarks to help find data or events

Data presentation types

- Graphical curves (time-series)
- Multiple curves in a common axis system
- Tables of data
- Chronological tables of events

Picture and view administration

- A picture can be composed from several data presentation types
- Layout of views can be saved for later use with new data sets

Search utilities

- Browsing in time-series
- Filtering by event attributes
- Storing user-defined filter definitions

Open interface

- Standard ODBC interface to SVC and SDP data bases

Purpose

Analysis of historic data is useful for a number of purposes, for example:

- Analysis of data from abnormal states in the system (hardware failure, faults) or process (drift-off, black-out, shut-down)
- Data capture for administrative and analysis purposes
- Analysis of performance during specific operations or periods of time

The HRS offers the user possibilities for an in-depth analysis of data, where data from different sources can easily be brought together in one or several views. The events connected to the same period of time can be displayed in tables within the same picture, and synchronisation of all data and events is accomplished.

On-line and Off-line Data Access Options

The HRS application can be used at a separate computer connected to the Administrative network for on-line data analysis.

For off-line use, the actual data bases can be exported to any site where the HRS application shall be used.

System Requirements

Software

Windows XP with Service Pack 1
ODBC 3.0 or higher installed

Hardware

Windows XP compatible PC
Minimum 256 Mbyte of RAM
Minimum 1 GHz Pentium processor
Minimum 20 Gbyte of disc storage

Commissioning

Assuming that a suitable computer is already connected to the system, a software engineer will require 1 day to install, commission and test the software.

