



Virtual Ship Explorer

A single program
for the organization of decks,
rooms, equipment, parts
and inventory onboard,
for the planning of maintenance,
the access to

operating instructions,
system information,
any documentation,
and the managing
and ordering of spare parts.



OCEAN LOGISTICS GmbH

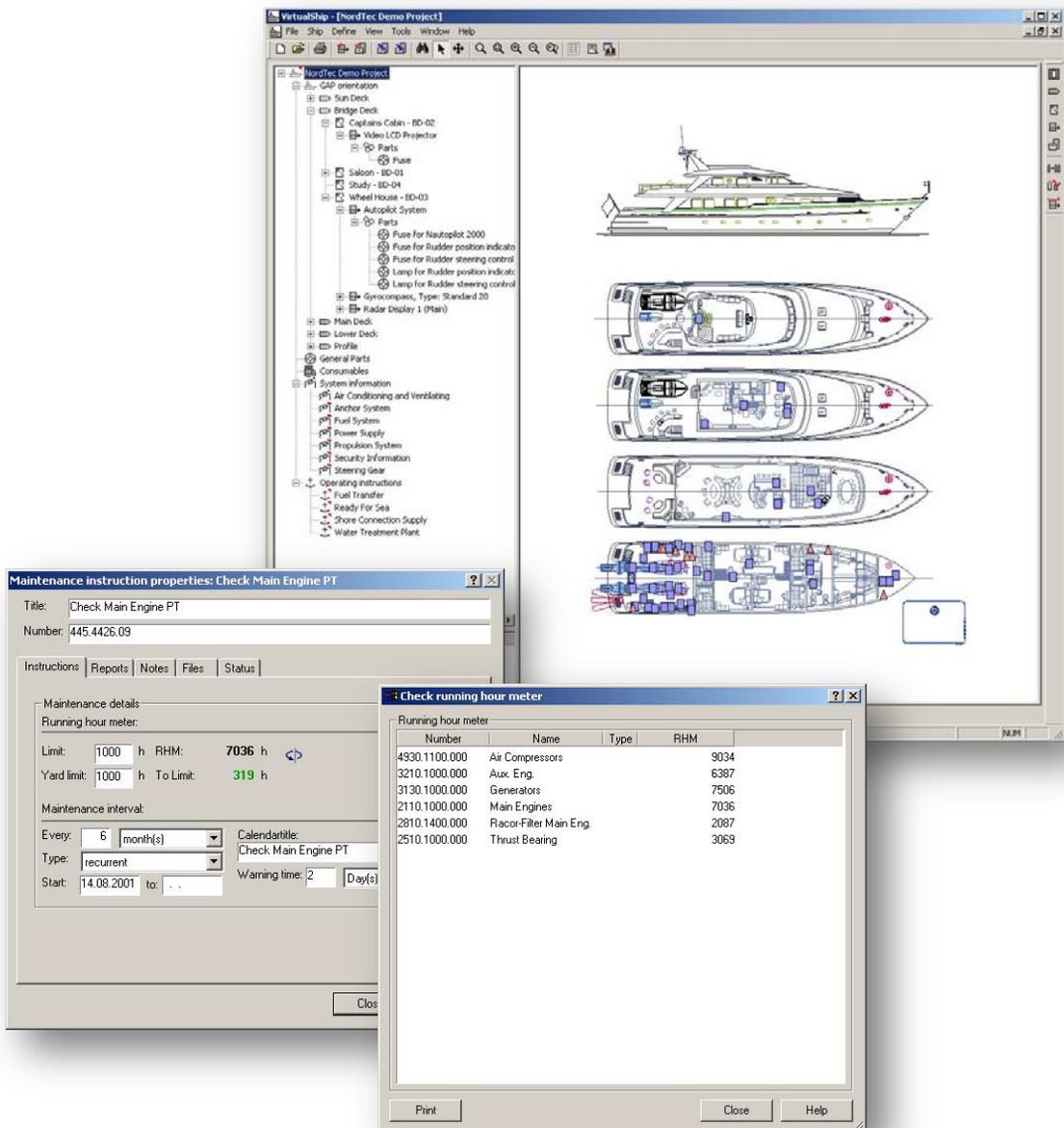
In co-operation with

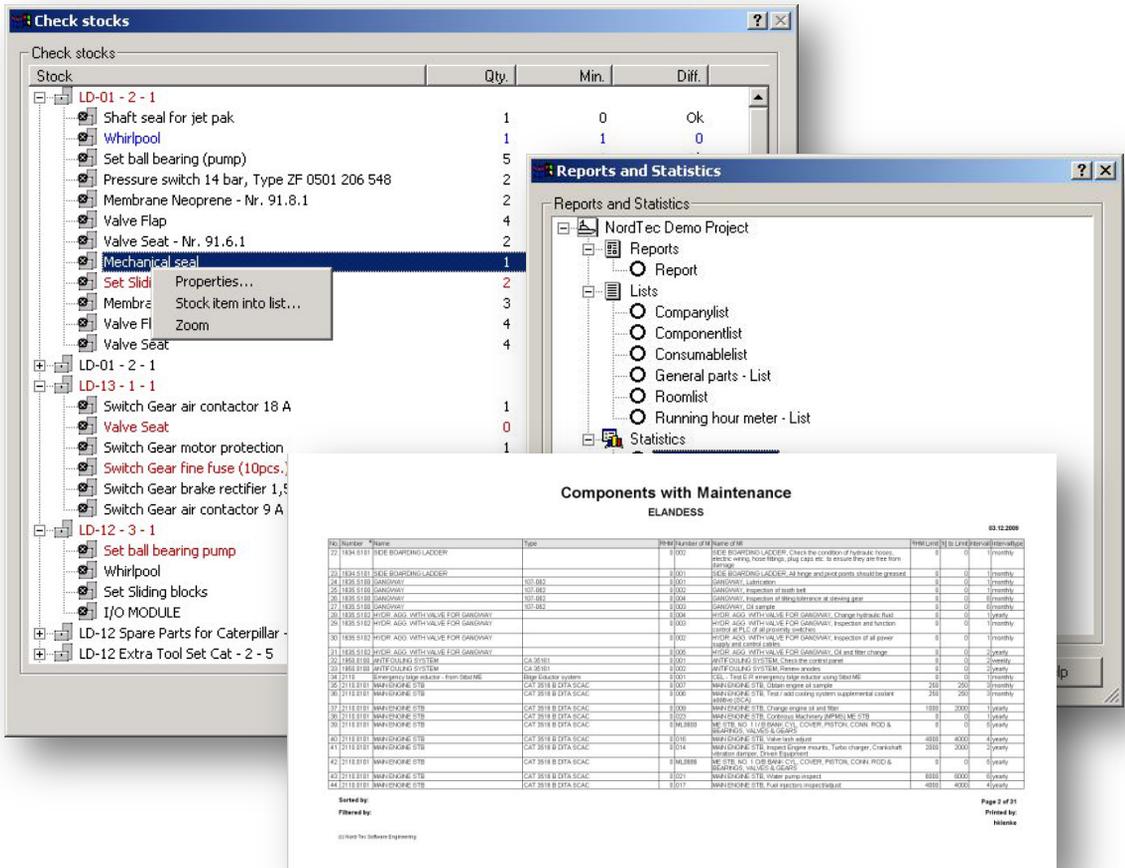
nordtec
SOFTWARE ENGINEERING

The Virtual Ship Explorer system was designed to give logistical support to ships.

To achieve this, maintenance instructions / maintenance schedule and operating instructions, system information, stocks, and spare parts, as well as any digital documentation are structured under one consistent user interface.

Developed in close cooperation with experts, this program has already proved its usefulness in professional duty (look references).





The program can be used as ship version, as shore (Company) and yard version.

The shore version allows fleet management by data exchange ship-shore / shore-ship. Procurement of spare parts and their distribution can be co-ordinated for vessels of same class.

Basically, the yard version collects and refines the data the ship version / shore version can operate on. The clients use that data they get from the yard as well the data they collect on their own to cope with the ship's logistic needs. In certain intervals there may be an electronical data exchange between the ship / shore and the yard, so both parties can be aware of potential changes, updates, or spare part offers and orders.

The Virtual Ship Explorer system may link to any external digital document by saving only a reference on the file together with information about the program which is capable of displaying it. Through this feature it is possible to build a fully structured database of otherwise independent files.

The externally linked files are not limited to a certain number of data formats, e. g. .html, .pdf, .doc, .jpg, .tif, or .dwg, as long as programs to handle them can be supplied. All functionality associated with the file type is kept, and the data may be easily re-used, edited, and updated.

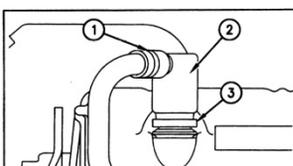
All kinds of external files may be included, for example electronic documentation on CD, online references to sites on the internet as well as data stored on different computer systems of a connected network.

70
Maintenance Section
Every 250 Hours

Crankcase Breather

Clean

NOTICE
If the crankcase breather is not maintained on a regular basis, it will become plugged. A plugged crankcase breather would result in excessive crankcase pressure that may cause crankshaft seal leakage.



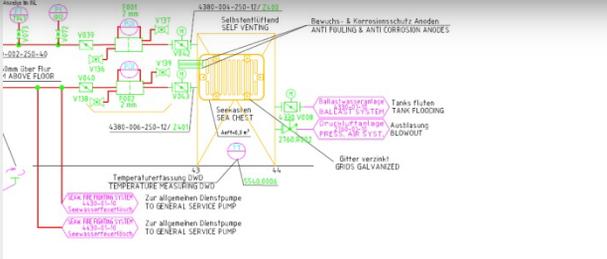
Cooling System

NOTICE
Make sure you read and understand the information in the Safety and Cooling System Specifications sections of this manual before you proceed with cooling system maintenance.

Check the cooling system only after the engine is stopped and cool. Remove the filler cap slowly to relieve pressure. To prevent engine damage, never add cooling system products to an overheated engine. Allow the engine to cool first.

Test for SCA Or Obtain Level I Analysis (Conventional Coolant/Antifreeze Only)

The use of Caterpillar SCA will prevent internal damage to the engine, such as liner or block pitting. If the concentration level is too low, pitting of the cylinder



DIMENSIONS	
Größe zw. Lötst. / LENGTH BETW. PERP.	60,40 m
Größe Wasserlinie / LENGTH LWL	54,30 m
Brechenmaßlinie / RULES LENGTH	55,70 m
Breite / BREADTH	24,60 m
Stützmaß / DESIGN DRAUGHT	4,50 m
Wassertiefe / DEPTH	8,875 m (Deck 3)
Brutto Raumszahl / GROSS TONNAGE	2550 GT
Klasse Pump / CLASS BULL	CL + 300 AS K
Maschinenanlage / ENGINES	GL MC AUC

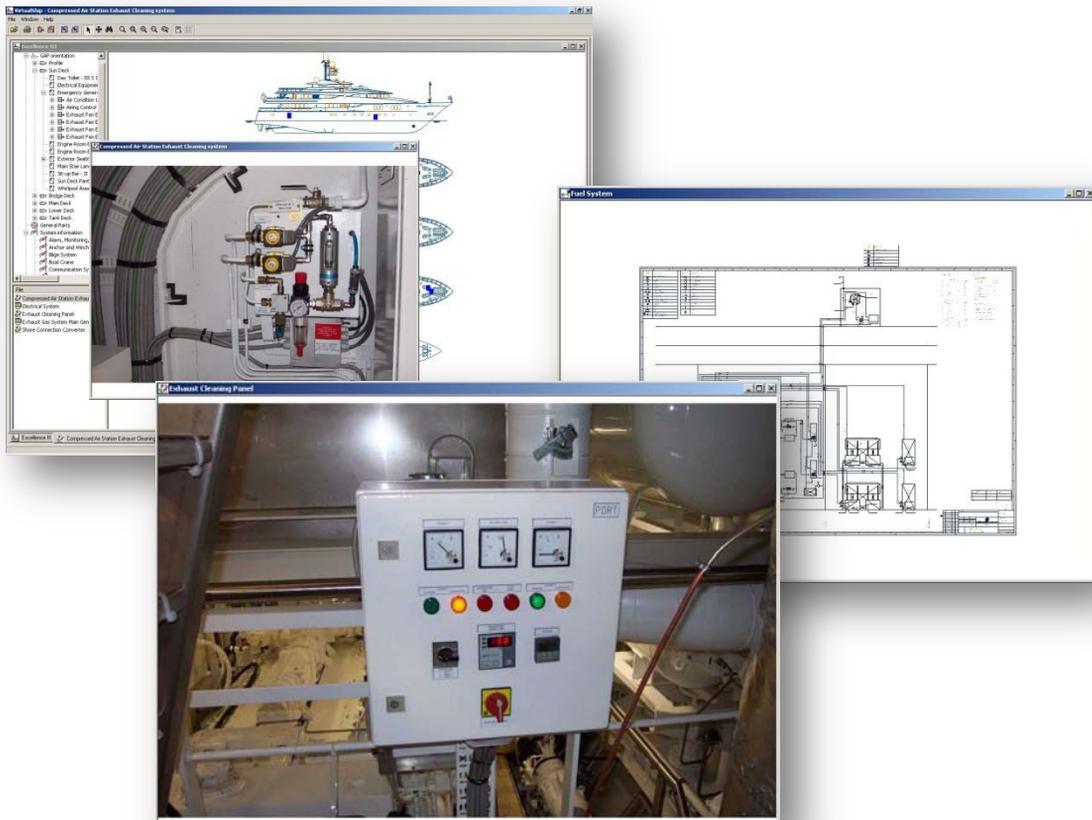
DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
21.09.2007	07-09274-MS12				
15.09.2007					

DATE	DESCRIPTION	BY
28.08.2005	KSM/JP	
02.02.2005	KSM/JP	
03.12.2004	KSM/JP	
17.07.2004	KSM/JP	
16.05.2004	KSM/JP	
01.02.2003	KSM/JP	

DATE	DESCRIPTION	BY
09.08.07	KSM/JP	
09.08.07	KSM/JP	

ABEKING & RASMUSSEN	Hauptfabrik / SCALE
An der Filze 2, 27809 Lottumstedt, GERMANY	
Proj./KOM/Bau-Nr. / YARD NO. 6484-85	
Lotensstationsschiff	
SH Seekühlwasseranlage Bb DIA SEA WATER COOLING SYSTEM PS	
Zeichnungs-Nr. / DRAWING NO. 6484-85/4380-01-10	
Blatt Nr. / SHEET NO. 3	von / OF: 3
Ersatz für / REPLACEMENT FOR:	Ersatz durch / REPLACED BY:

Through the VSE system, a detailed description consisting of texts, images, drawings, and diagrams of a ship including its decks, rooms, systems, components, parts, and stocks can be easily entered and accessed.



The Virtual Ship Explorer is a sophisticated software system which integrates many time-saving features for organizing and maintaining a ship at sea and ashore.

The system includes compilation of all relevant technical logs as required by law and assists requirements of the ISM Code (International Safety Management Code).

Running on standard Windows 2000/XP/Vista/windows 7 and NT 4.0 PCs it offers an intuitive graphical user interface including a context-sensitive online help system, and was optimized towards functionality and useability.

About us

OCEAN LOGISTICS is a subsidiary of Abeking & Rasmussen located in Lemwerder / Bremen, Germany.

OCEAN LOGISTICS is an engineering association with a competent degree of specialization and a reasonable technical and logistical know-how covers numerous fields of logistics. System ideas and specific know-how lead to highest efficiency. The considerable range of customers is primary among Navy, Coast Guard, and in addition, in the civilian sector.

Our business covers the complete range of integrated logistic support services, i.e. technical-logistical conception, planning, support and handling of equipment and systems, particularly the planning and organization of operations, planned maintenance for all levels, the planning, implementation and operation of material supply and handling systems and technical-logistical documentation, especially for high performance yachts and Navy ships. After sales service is also an important field of our company.

Reference of VSE:

- German Pilot Association
- German Coast Guard
- High Performance Yachts



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