



CODieBOARD#ISMAN-CENTER

made by **CODie.com**



CODie
software products e.K. 



CODieBOARD#ISMAN-CENTER

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CODieBOARD#ISMAN-CENTER MADE IN GERMANY

CODie ISMAN is designed for the particular needs of shipping lines and ship management companies in the field of ship maintenance. The advantage of this program is to make maintenance works on board a vessel more transparent, flexible, easier to supervise and of course more cost-effective, in broad terms to make the administration of an enterprise vessel more easy on a very high level. A further target of this software is to keep idle times of a vessel (repair days and off-hire times) controllable and as low as possible. Consequently the PMS has been certified by GL and DNV.

Maintenance and administrative requirements of a vessel compared to the needs of controlling a vessel by the ship management company are somewhat different, consequently two different versions of the program have been created – a vessel version and a shore side version. One version is running at the headquarters of the ship management company (company version), the other one on the vessel (vessel version). Hence, we have integrated a full automatic data transfer from the vessels to the office of a ship management company and vice versa to arrange for an online process control easy and efficient.

The integrated modules in CODie ISMAN are a custom tailored electronic ISM system, an electronic system for circular letters and company advises, an integrated ordering system, a spare part administration database, a fully integrated office management system, a monitoring system for vessel's certificates and much more.

In addition to the above mentioned program functions CODie software products has developed CODie ISMAN Claims and CODie ISMAN Damages. Both modules can be integrated in the main program CODie Isman but also can be used as stand alone systems. These programs are rounding off the entire CODie ISMAN system and are of latest state of the art.



INSIGHT CODie ISMAN

fleet management/

fleet maintenance and ISM System

CODie ISMAN

MAINTENANCE MANAGEMENT SOFTWARE MODULES

MAINTENANCE MANAGEMENT / FLEET MAINTENANCE

- Registration of entire technical and safety related equipment
- Automatic calculation of maintenance schedules for any period of time
- Assignment of any kind of document for a special maintenance interval (manufacturer instructions, pictures, etc.)
- Monitoring of oil, chemicals and further consumables
- Identifying and monitoring of critical equipment
- Monitoring all vessels running certificates and documents regarding expiry dates
- Recording of additional maintenance results via document templates of any kind of format (XLS, DOC, PDF, JPG etc.)

OFFICE MANAGEMENT / FLEET MANAGEMENT

- Address database, Appointments book
- Administration of all your documents of any data format

DATA EXCHANGE

- Small reports for automatic data exchange between a vessel and office of the shipping line (< 1 MB)

PRINTING AND EXPORTING

- All reports can be printed out and are accepted by authorities

ISM MANAGEMENT (TIQUAM) / ISM SYSTEM

- Automatically generating new release numbers and distribution of newly released documents to designated vessels
- Computer aided updates of ISM documents, thus avoiding uncontrolled releases
- All documents are secured (against) from any manipulation
- Differential (individual) updates (small data size)
- Creation of own forms and manuals in HTML-like document format
- External data formats (XLS, DOC, PDF, JPG etc.) are supported also

PURCHASING - MAIL ORDER MANAGEMENT (SHIP SHOP)

- Carrying out (Execution) and monitoring all mail orders
- Automatic data exchange via email
- All mail orders arriving from the vessels are automatically imported into the database of the shipping line. Members of the purchase department are able to convert all requests into mail orders directly. Practically no paper is needed any more.
- Status, delivery time and location of the order are transmitted back to the vessels

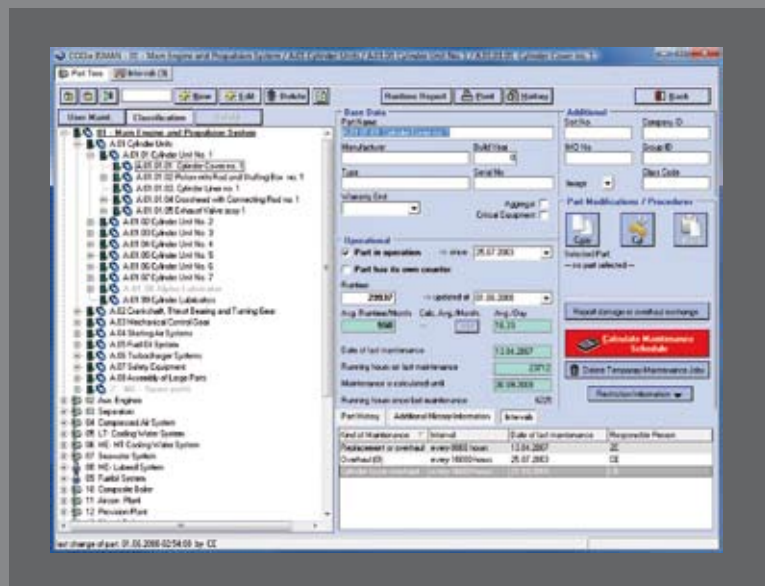


DETAILS OF OUR MAINTENANCE SCHEDULE SOFTWARE

All equipment and installations, for which a regular maintenance is essential are displayed in a free definable tree structure.

The most important function of our maintenance scheduling software in this screenshot is implemented in the red button „Calculate Maintenance Schedule“. It shows a forecast for any time period of all needed service jobs of the vessel. The ability to look into the future enables you to organize the personnel needed or order necessary spare parts for the maintenance jobs in time. But not only machine parts need to be monitored. CODie ISMAN also provides a module which monitors all certificates. This module shows an adjustable warning well in advance of the expiry date of vessels certificates.

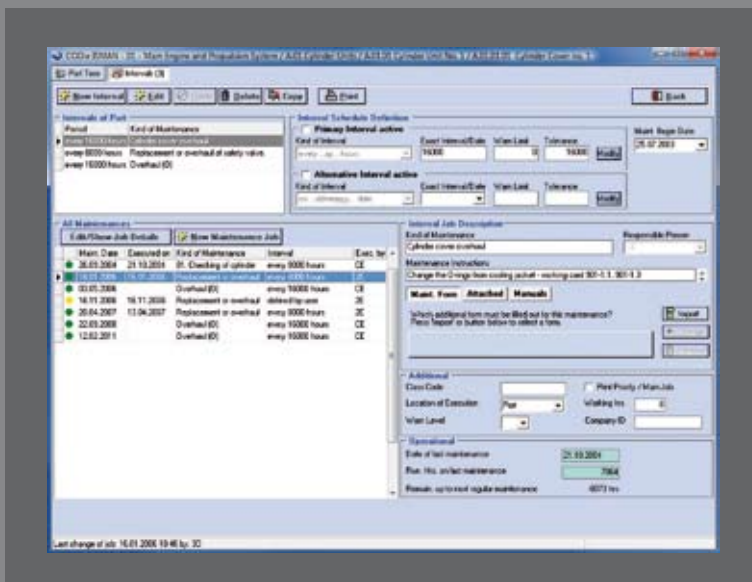
Because of high cost of any consumable CODie ISMAN also provides an extra administration and statistic module. To improve the monitoring of such goods costwise, the consumption is displayed with a curve.



INTERVALS AND JOBS

MAINTENANCE INTERVAL CALCULATION

Kind and number of maintenance jobs is defined by intervals. It's a combination of an appointment definition and a service job instruction. It gives information of which, when and how many times a maintenance job has to be done. In other words the complex part manager can be seen as a highly specialized scheduler.



Interval	Kind of Maintenance	Interval	Start Begin Date
every 1000 hours	Replacement or overhaul of safety valve	10000	01.07.2003
every 10000 hours	Overhaul (O)	10000	

Main Date	Executed on	Kind of Maintenance	Interval	Exec by
16.03.2004	21.10.2003	Oil, Cleaning of engine	every 1000 hours	CE
01.01.2008		Overhaul (O)	every 10000 hours	CE
16.01.2008	16.11.2006	Replacement or overhaul	oil and hydraulic	CE
20.04.2007	11.04.2007	Replacement or overhaul	every 1000 hours	CE
22.01.2008		Overhaul (O)	every 10000 hours	CE
12.02.2011		Overhaul (O)	every 10000 hours	CE

Date of last maintenance	Run this on last maintenance	Remain up to next regular maintenance
21.03.2004	7564	8073 hrs

SCHEDULE TABLE MAINTENANCE JOB OVERVIEW

To have an overview of all maintenance jobs, simply switch to the schedule table. Here the jobs are shown in a listed way that enables you to easily see which jobs have to be done, which are done and which are overdue. All jobs in the schedule overview table (done or not executed) are visualized as hyperlinks via an icon (circled exclamation mark or green tag). A simple click on the icon and the user will receive detailed information of the specific maintenance job. At the bottom of the table you have a summary of all jobs. The user is also able to select the time period (in order to have an overlook) for overviewing the jobs. For example how many jobs are due in the current week or in the next four weeks.

The screenshot below shows a period of one week. The current week is underlined. Thus all jobs which are on the left side of this week and not marked by a "x" in column "C" are overdue and jobs positioned right from this week are due in respective time.



Part	Maintenance	Location	Mon	Tue	Wed	Thu	Fri	Sat	Sun
01 - Main Engine and Propulsion System	Take Lub Oil Sample and Send to Laboratory	Anywhere							
02 Fire Signaling System	Fire detectors to be checked	Anywhere							
03 Rize System	Level switches of all bige wells to be checked and alarm simulated	Anywhere							
06 Turbocharger system	Wet cleaning of turbine side	Anywhere							
10 Sewage Plant	weekly check ultrasonic tubes, tubes, air supply pressure	Anywhere							
44. Digo water separator	Check the pump monitoring equipment	Anywhere							
66. Hand opening pump	Check the system	Anywhere							
av engine 1,2,3 and 4	Take label sample	Anywhere							
x Batteries	Weekly check of batteries	Anywhere							
CGO fire extinguishing panel	Check the OGD alarm	Anywhere							
Emergency Air Compressor	Check the emergency air compressor	Anywhere							
Emergency Fire Pump	Check	Anywhere							
Emergency Generator	Check	Anywhere							
main engine	Take label sample	Anywhere							
Pumps, connecting rod, cylinder liner	Connecting rod-roughening	Anywhere							
Pumps, connecting rod, cylinder liner	Connecting rod-roughening	Anywhere							
Pumps, connecting rod, cylinder liner	Connecting rod-roughening	Anywhere							
Pumps, connecting rod, cylinder liner	Connecting rod-roughening	Anywhere							
sterilizer	Take label sample	Anywhere							

Summary		Value
Number of Jobs		10
Number of associated jobs		16
Number of not executed jobs		4
Number of jobs with reached warning date		0
Number of jobs with reached overdue date		0
Number of jobs with exceeded tolerance date (Months)		4
Sum of all working hours		0.00



01

CERTIFICATE MONITORING

Recognition of expiring certificates in time avoids unwanted downtimes. Colored high lighting and notifications in CODie ISMAN helps to keep an overview of all certificates listed. The warning intervals concerned can be customized.

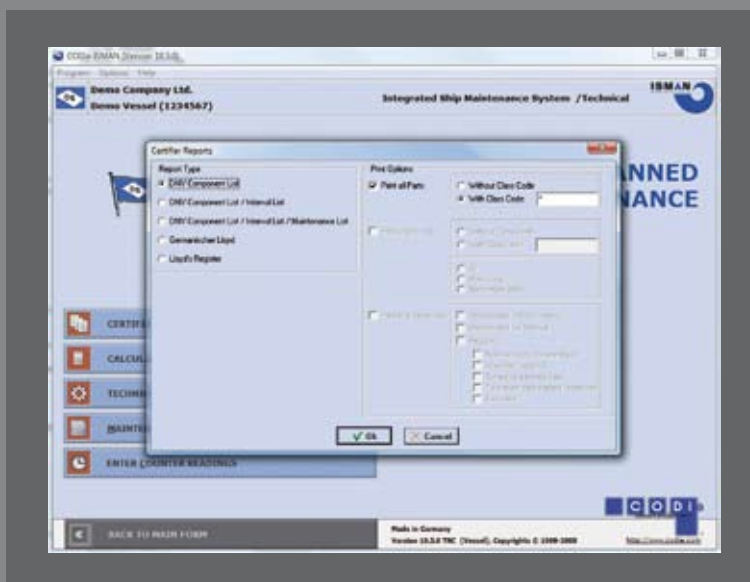


Certificate Name	Example	Issue Date	Next Validity Date	Valid To	Telephone	Location	Cert No.
Classification Hull		26.11.2014	25.04.2016	25.06.2016	25.05.2016	Conference Room-Fl 1/1	1
Officially authorized entry...	Anting sea area	03.12.2017	30.04.2016	30.06.2016	30.05.2016	Conference Room-Fl 1	1
Classification Hull Renewal		11.06.2017	31.07.2016	30.06.2016	30.05.2016	Conference Room	2
Certificate of Registry	Precedent: no 04037-ACM	03.12.2017	30.06.2016	30.09.2016	30.09.2016	Conference Room-Fl 2	2
Annual Tonnage Tax Pay...		05.01.2016	30.04.2016	30.05.2016	30.15.2016	Conference Room-Fl 2	2
Port Authority Letter		03.12.2017	30.06.2016	31.07.2016	31.07.2016	Conference Room-Fl 2	2
Chinese CIM Confirmation		05.05.2017	30.06.2016	31.07.2016	31.07.2016	Conference Room-Fl 2	2
London Railroad Charter		03.12.2017	21.04.2016	21.07.2016	21.06.2016	Conference Room/Fl 2	2
Classification Machinery		30.11.2014	30.06.2016	30.06.2016	30.07.2016		
International Tonnage Ex...	Perimeter	21.07.2014	31.05.2016	31.05.2016	31.07.2016	Conference Room-Fl 3	3
Safety Management Certif...	Antony-Dale 206-Sub	22.10.2015	30.03.2016	30.04.2016	30.05.2016	Conference Room-Fl 3	4
Safety Management Certif...	Hong Kong SL	30.05.2016	01.01.2016	22.07.2016	22.07.2016	ISM File 111 Master's	4
Document of Compliance		22.10.2015	30.05.2016	17.05.2016	17.05.2016	Conference Room-Fl 5	5
International Oil Pollution...		15.06.2016	30.06.2016	15.03.2017	15.06.2016	Conference Room-Fl 5	5
International Ship Secur...		22.10.2015	22.07.2016	22.07.2016	22.07.2016	Conference Room-Fl 6	6
International Ship Secur...	Hong Kong SL	30.05.2016	22.07.2016	22.07.2016	22.07.2016	ISM File 112 Master's	6
Continence Synopsis Res...	Leaf No. 17	03.12.2017				Conference Room-Fl 7	7
Whitson Safe Working C...		12.11.2016				Conference Room-Fl 8	8
Classification Renewal		11.02.2017	01.07.2016	31.07.2016	01.07.2016		
Certificate of Class and II...		24.08.2016	31.07.2016	31.07.2016	31.07.2016		
Certificate of Class and II...		30.11.2014	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 9	9
Ballast Water Intake Man...	Singapore	22.06.2016	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 9	9
International Load Line		13.02.2014	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 10	10
International Load Line (A...		11.05.2017	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 10	10
Cargo Ship Safety Equipm...		05.06.2014	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 11	11
Cargo Ship Safety Equipm...	With/From 'E' Vessel	08.06.2014	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 11	11
Cargo Ship Safety Equipm...		11.05.2017	31.07.2016	31.07.2016	31.07.2016	Conference Room-Fl 11	11
Cargo Ship Safety Equipm...	With/From 'E'	05.06.2014	31.07.2016	31.07.2016	31.07.2016	Conference room-Fl 12	12
Cargo Ship Safety Equipm...		11.06.2017	31.07.2016	31.07.2016	31.07.2016	Conference room-Fl 12	12
Ship Radio Station License	License No. 1A-28507	12.06.2017	30.06.2016	30.06.2016	30.06.2016	Conference Room-Fl 14	14
Cargo Gear Certificate							
Shore based Maintenance...	with/From 'E' no-notice	01.01.2016	01.01.2016	01.01.2016	01.01.2016	Conference Room-Fl 15	15



SURVEY REPORTS

Survey reports, which issued by classification societies or the shipping company upon inspections are able to be integrated into the maintenance system. Such reports will assist and support vessel's command as well as the company during internal inspections, port state control, flag state inspections etc. as they are showing a proper documentation of what has been done on particular parts respectively during a maintenance period.



SPARE PART MANAGEMENT

This file contains all of the spare parts normally required for the ship, whether or not they are carried on board. Included in the file are the spare parts numbers, onboard quantities and stowage locations, recommended quantities, reorder levels, purchase order data, and vendor information.

MAIL ORDER MANAGEMENT SHIP-SHOP

Administration costs of vessels in operation are somewhat high. To keep them on a lower level a very efficient communication is essential.

The constant availability of spare parts, security equipment, consumables etc can only be assured with a fast and uncomplicated handling of mail orders. CODie ISMAN is providing a module "ShipShop" which offers comprehensive solutions for this area. The field of scope of "ShipShop": Automatic handling and monitoring of mail orders, beginning with creating an order aboard a vessel by the user until monitoring the invoice and delivery of goods by the purchase department of the shipping company.

Performing and monitoring all mail orders. Automatic data exchange via email. All incoming mail orders from a vessel are automatically imported into the database of the shipping line. Members of the purchasing department are able to convert all requests into mail orders directly. Practically no paper is needed any more. Status, delivery time and location of the mail order are transmitted back to the vessels.



ISM (TIQUAM) CIRCULAR LETTER MANAGEMENT

Safety regulations in world wide shipping are becoming more and more important. The International Safety Management System (ISM) can be seen as a steadily growing challenge to navigation. However, because of national and international influence caused by either political or economic reasons, the safety regulations and requirements do change in shorter and shorter intervals.

An efficient electronic management system is most essential to keep the ISM documentation up to date in an easy way.

CODie ISMAN offers with its module "Tiquam" an extraordinary solution. "Tiquam" stands for The Integrated Quality Manager.

"Tiquam" combines an electronic version of company's QM-manual and a database with check lists and job instructions under one surface. This is achieved through an HTML-like document format. It offers input elements like text fields, check boxes, tables etc. Integration of external documents of different formats (PDF, DOC, TXT, JPG ...) is of course also possible. It also provides a history function compared to internet browsers, a standard und full text search and the possibility to link documents.



CODie ISMAN DAMAGES/CLAIMS TAILOR MADE SOFTWARE SOLUTIONS FOR YOUR COMPANY

CODie ISMAN DAMAGES / CODie ISMAN CLAIMS (WARANTY)

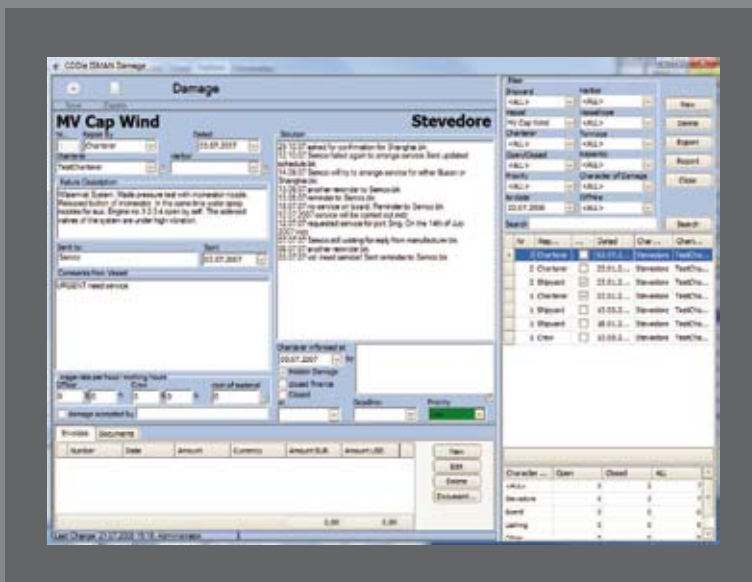
- ° Handling of all damages and claims between vessels and company's office
- ° Full cost control, full control on different states of all damages and claims
- ° Progressive invoicing to manufacturer, shipyards, charterer and suppliers
- ° Special handling for off hire, charterer and stevedore damages
- ° Cross analyses between all manufacturer, shipyards, charterer and vessels
- ° Automated import and export functions
- ° Automated creation of reports
- ° CODie ISMAN Damages/Claims is future – proof developed in Microsoft .net



CODie ISMAN DAMAGES

CODie ISMAN DAMAGES is dealing with all damages occurred on board a vessel and the company.

- It ensures that your company is keeping track of all damage reports from the vessels
- Particularly different kinds of damages like stevedore-, warranty claims or off hire damages are extremely important for each shipping company, and are stored in the central CODie ISMAN Damage database
- Respective reports between vessels, owners, charterers, shipyards etc. via mail exchange can easily be generated
- Full history of all vessel damages together with all invoices, documents and costs are available in CODie ISMAN Damages at any time
- Analysis of damage reports regarding manufacturers, shipyards, vessels, ports or other suppliers (basically needed for decision making) for new buildings or for new acquisition of equipment or machinery aboard the vessels
- Making use of CODie ISMAN Damages will reduce costs and gives needed and important information to the purchasing department, as well as to the superintending department of your company



CODie ISMAN CLAIMS

CODie ISMAN CLAIMS handles all claims between parties concerned via mail exchange.

◦ Especially financial completion of guarantee claims are of utmost important for every shipping company

◦ With CODie ISMAN Claims this will be ensured in a most simple way

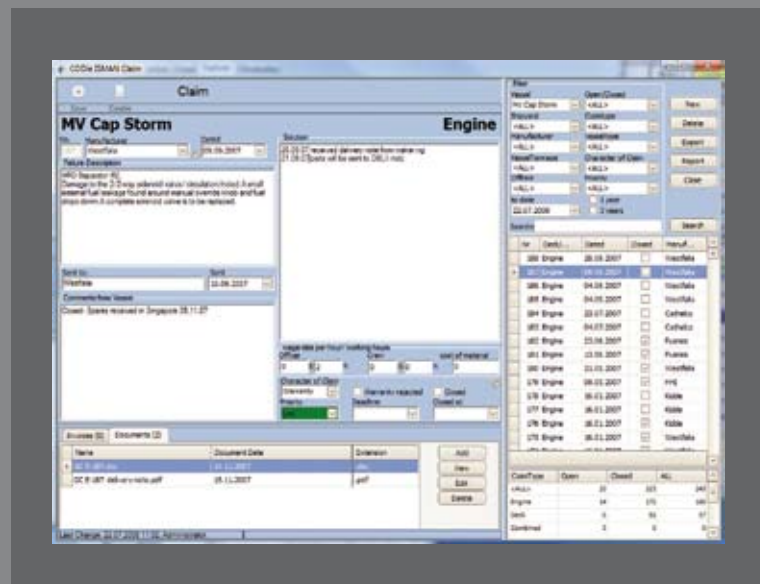
◦ The different status of each guarantee claim is comprehensible at any time in your office, and can be easily reported to shipyards or manufacturer or any other party of interest

◦ All invoices, documents as well wages for crew and/or officers as a factor of costs are centralized stored in CODie ISMAN Claims

◦ Information such as character of claim, priority status and guarantee period are settable in CODie ISMAN Claims

◦ Analysing of all claim data will assist you for decision making for your new buildings as well new acquisition of equipment or machinery aboard your vessels

◦ CODie ISMAN Claims is monitoring all sorts of claims in your fleet, is reducing costs and increasing the efficiency in your company



CODie ISMAN SHIP NEW BUILDING

During the construction period of a new vessel, a permanent supervision of all possible parts, tasks and performances of the shipbuilding personnel is most essential.

To have a permanent overview on the status of a vessel under construction on your fingertips, this module provides you with comprehensive details of all process related aspects during the construction period:

A free definable part tree with all required and necessary details is forming the basic item of this module. Enabling your site office members to keep control at any time and at any part of the process. Consequently achieving a necessary overview on the quality and standard of works carried out to the status. Hence you will be in a position to intervene the construction process whenever you feel to do so with well founded arguments and a well prepared and available evidence.

Due to the complex and userfriendly structur of this module, it is easy to operate without the need of expanded user training. Time consumption to operate the system is reduced to a minimum, thus giving your staff more time for inspections, consequently it is saving money on a long term period.



PREPARATION DRY DOCK

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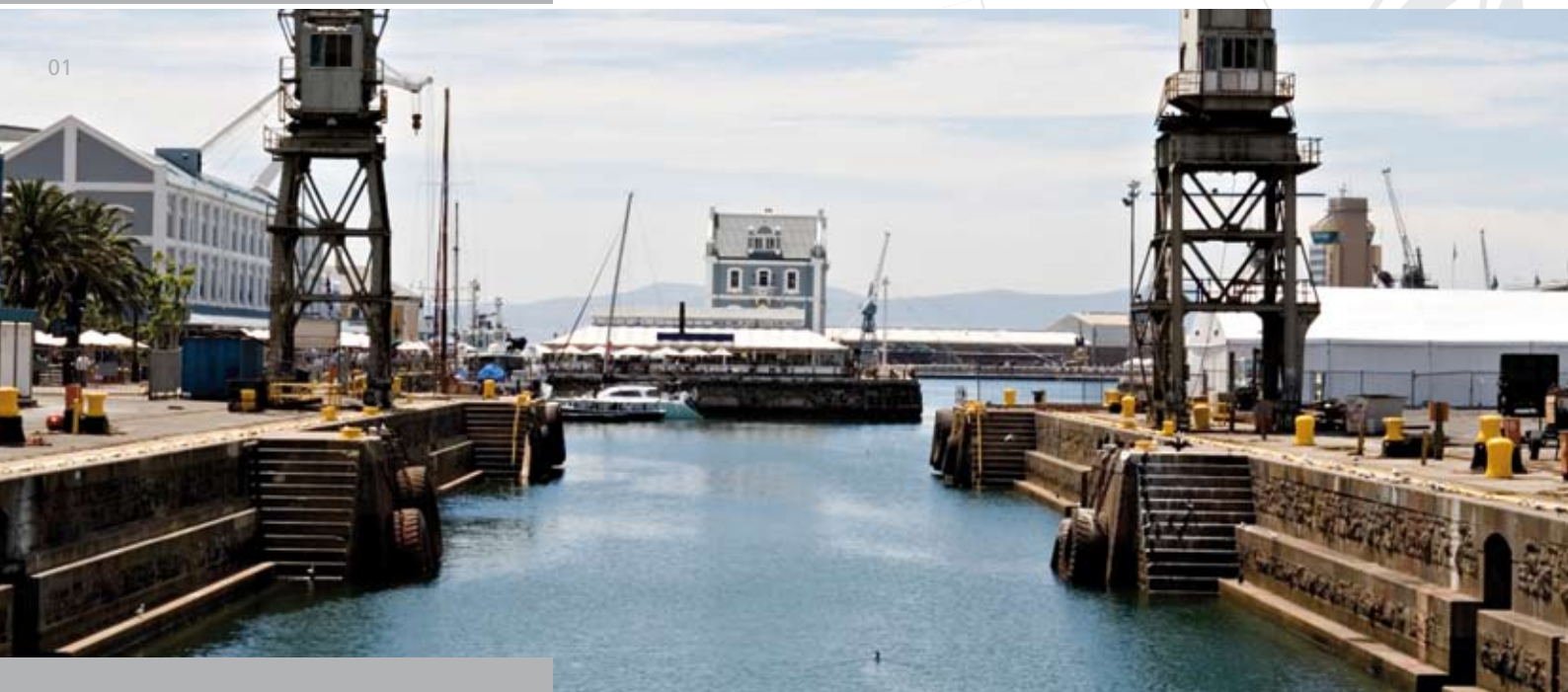
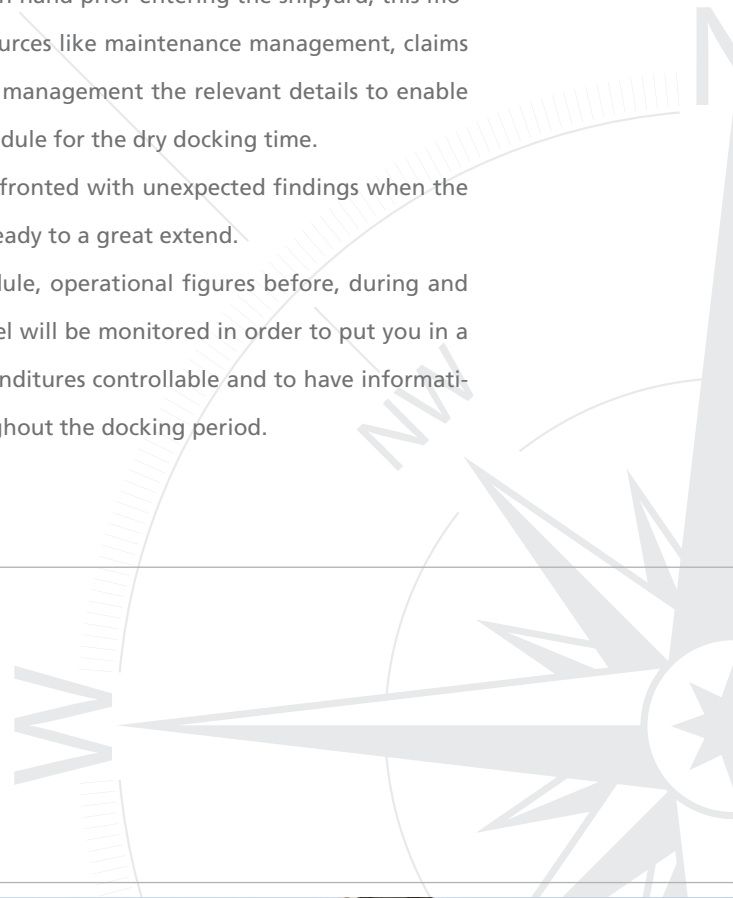
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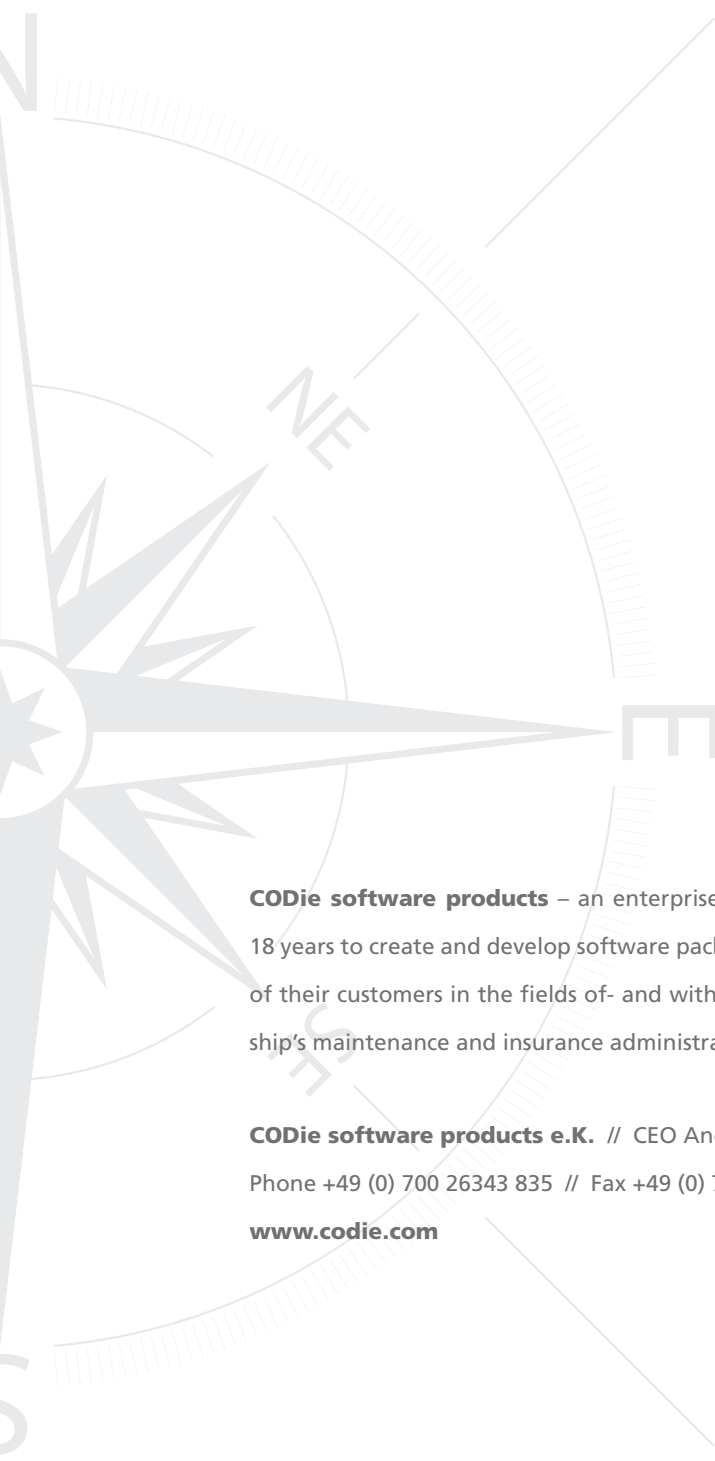
Keeping a vessel in Dry Dock because of whatsoever reason, for the owner of a vessel it is one of the most expensive times in a vessel's life.

In order to shorten such time as much as possible and to have all required and necessary details on hand prior entering the shipyard, this module collects from other sources like maintenance management, claims management and damage management the relevant details to enable you to create a proper schedule for the dry docking time.

Further to avoid being confronted with unexpected findings when the vessel is in the shipyard already to a great extend.

By making use of this module, operational figures before, during and after dry docking of a vessel will be monitored in order to put you in a position to keep your expenditures controllable and to have information on the workflow throughout the docking period.





CODie software products – an enterprise committed for more than 18 years to create and develop software packages, tailored to the needs of their customers in the fields of- and with the core of competence in ship's maintenance and insurance administration.

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