

DockPlan Presentation

DockPlan is a full featured program that will assist any superintendent in preparing drydock specifications and carrying out dry-dockings. A fully functional 60-day demo version of DockPlan is available for download. See later.

DockPlan supports the following major activities:

- Vessel database with vessel particulars and owner details
- Creation of Drydock Specifications
- Job Library with prepared work orders to be reused on future drydock specifications
- Budgets and costs in any currency
- Chart of Accounts
- Quotation handling and yard comparison
- Drydock yard selection
- Drydock representatives
- Progress tracking and reports
- Drydock Reporting
- Summary Report
- External files (photos, drawings, test sheets, certificates, spreadsheets etc.) can be attached to each work order and printed with specifications and reports.
- Yard database with details, contact info, services and capacities.
- Yard evaluation
- Full history of dry-dockings including all information, documents, photos etc. is maintained for all vessels.
- Offline capability, in order to run DockPlan where no network connection is available.
- ...and more

The screenshot displays the DockPlan software interface. The main window is titled "DockPlan ver. 5.70" and shows a "Demo" version. The user is identified as "eru (Administrator)". The interface is divided into several sections:

- Vessel Selection:** A dropdown menu shows "Vessel: Arriva" with "(3 Dockings)" next to it.
- Docking List:** A table lists dockings with columns for Docking, Yard, and Jobs.

Docking	Yard	Jobs
D11.14 Demo Docking	Fredericia Værft	14
D08.12 Stern tube seal	(Unknown)	12
D01.10 Scheduled docking	Keppel Shipyard Limited (T...	184
- Drydocking Details:** A panel showing details for a selected docking, including Project Type (Drydocking), Reference (Demo Docking), Drydock Yard (Fredericia Værft), Expected drydock month (November), and Year (2014).
- Expenses:** A section detailing costs: Yard Costs (373.170), Value of Yard Discount (-7.463), Owners Costs (83.704), Representatives (11.427), and Deviation (99.760). The Total Expenses are 560.598, and Budgets are 650.000, resulting in a Result of 89.402.
- Owners Representatives:** A section showing the name John Doe.
- Docking Currency:** A dropdown menu set to USD.
- Notes:** A text box at the bottom states: "Docking scheduled for 6 days. Due to crane problems on the yard, docking period prolonged to 8 days."
- Navigation and Tools:** Buttons for Open, New, Delete, Import, Export, Yard Quotes, Cost Outline, Time Line, Settings, and Quit are visible at the bottom.
- Status Bar:** The bottom right corner shows "Created: 08-07-2011 00:41:05, by: KEYNETeru".

The DockPlan main window. Select a vessel from the pull down list to view dry-dockings performed for this vessel. Select a dry-docking from the list to view its details in the right part of the window.

DockPlan

Dry Dock Specification

Ocean Arriva
D11.14 Demo Docking

Category:
(All)

Show deleted jobs (14 Jobs)

Job No	Header			
D100.01	General Conditions			
D200.01	Drydocking			
D300.01	Painting And Treatment			1
D1001.01	Shell Plating, Bulwark, Bilge ...			
D1001.02	Sea Chest and Bay			
D1001.03	Kort Nozzles			
D1041.01	Rudder, Rudder Trunk, Stuffi...			3
D1041.02	Simplex Stuffing Boxes			
D3801.01	! Propellers			2
D3801.02	Rope Guard			
D3805.01	Propellor Shaft Arrangement			1
D3811.01	! Bowthruster 1			2
D4701.01	Corrosion Prevention Anodes			1
D9020.01	Specifications			

Show Jobs for: (All)

Rudder, Rudder Trunk, Stuffing Box

Work order | Supplies | Job Expenses | Documents | Report | Attention ! | Note | Properties

Specification of repairs

1. Port and starboard rudders to be dismantled and mounted for the tail shafts survey. Position of the rudder blade on the rudder stock to be measured from a fixed point before dismantling of the rudder blade, furthermore punch marking to be made for level and angle on stock. Marking and mounting of the rudder to be witnessed by the Chief Engineer.
2. Openings in rudder 2. pcs for access to the nut of the rudder stock to be made. Openings to be mounted fully welded and welding seams to be proved water tight by mean of a vacuum or pressure test.
3. Yard to fabricate ring spanner to fit the nut of the rudder stock.
4. Rudder clearance to be measured and reported to Owner's representative and DNV surveyor.
5. Staging to included in the tender.

Job Responsible: John Doe Class Survey Required

Accept Spell check

Library: Save Load

Edit Add Delete Export Print Close

The open dry-dock specification reveals 14 work orders in this specification. The work order for 'Rudders and Stocks' is selected in the list, and the specification of repairs is shown for this work order.

DockPlan

Dry Dock Specification

Ocean Arriva
D11.14 Demo Docking

Category:
(All) (14 Jobs)

Show deleted jobs

Job No	Header		
D100.01	General Conditions		
D200.01	Drydocking		
D300.01	Painting And Treatment	1	
D1001.01	Shell Plating, Bulwark, Bilge ...		
D1001.02	Sea Chest and Bay		
D1001.03	Kort Nozzles		
D1041.01	Rudder, Rudder Trunk, Stuffi...	3	
D1041.02	Simplex Stuffing Boxes		
D3801.01	Propellers	2	
D3801.02	Rope Guard		
D3805.01	Propellor Shaft Arrangement	1	
D3811.01	Bowthruster 1	2	
D4701.01	Corrosion Prevention Anodes	1	
D9020.01	Specifications		

Show Jobs for: (All)

Edit Add Delete

Rudder, Rudder Trunk, Stuffing Box

Work order | Supplies | Job Expenses | Documents | Report | Attention ! | Note | Properties

Do not request quotation for this job

Yard Quotations

Cost Type	Reference	Description	Quantity	Price	Actual	Currency	%	Total	USD
Quote		Yard Quote	1	55.000,00		USD	0,0	55.000	55.000
									Yard Total (USD): 55.000

Owners Expenses

Cost Type	Reference	Description	Quantity	Price	Actual	Currency	%	Total	USD
Survey		By Manufacturer	1	800,00		USD	0,0	800	800
Parts		Seals	2	2.500,00		DKK	0,0	5.000	929
*									
									Owner Total (USD): 1.729

Job Total (USD): 56.729

Docking Totals (USD)

Apprv. Budget: **650.000** Commit.: **568.061** Discount: **-7.463** Remain.: **89.402**

Budgets Cost Outline

Library: Save Load

Export Print Close

The 'Job Expenses' tab, displays the costs related to the selected work order. Costs are divided into Yard's Costs and Owner's Costs. An unlimited number of costs can be entered for each work order, and costs can be in any currency. DockPlan calculates foreign currencies into the common currency selected for the dry-docking.

DockPlan

Dry Dock Specification

Ocean Arriva
D11.14 Demo Docking

Category:
(All)

Show deleted jobs (14 Jobs)

Job No	Header		
D100.01	General Conditions		
D200.01	Drydocking		
D300.01	Painting And Treatment	1	
D1001.01	Shell Plating, Bulwark, Bilge ...		
D1001.02	Sea Chest and Bay		
D1001.03	Kort Nozzles		
D1041.01	Rudder, Rudder Trunk, Stuffi...	3	
D1041.02	Simplex Stuffing Boxes		
D3801.01	Propellers	2	
D3801.02	Rope Guard		
D3805.01	Propellor Shaft Arrangement	1	
D3811.01	Bowthruster 1	2	
D4701.01	Corrosion Prevention Anodes	1	
D9020.01	Specifications		

Show Jobs for: (All)

Rudder, Rudder Trunk, Stuffing Box

Work order | Supplies | Job Expenses | Documents | Report | Attention ! | Note | Properties

Document List:

	Size	Print	Type
Rudder	90 KB	S R	jpg
Rudder Stock at repair shop	70 KB	S R	jpg
Drawings	197 KB	S	pdf

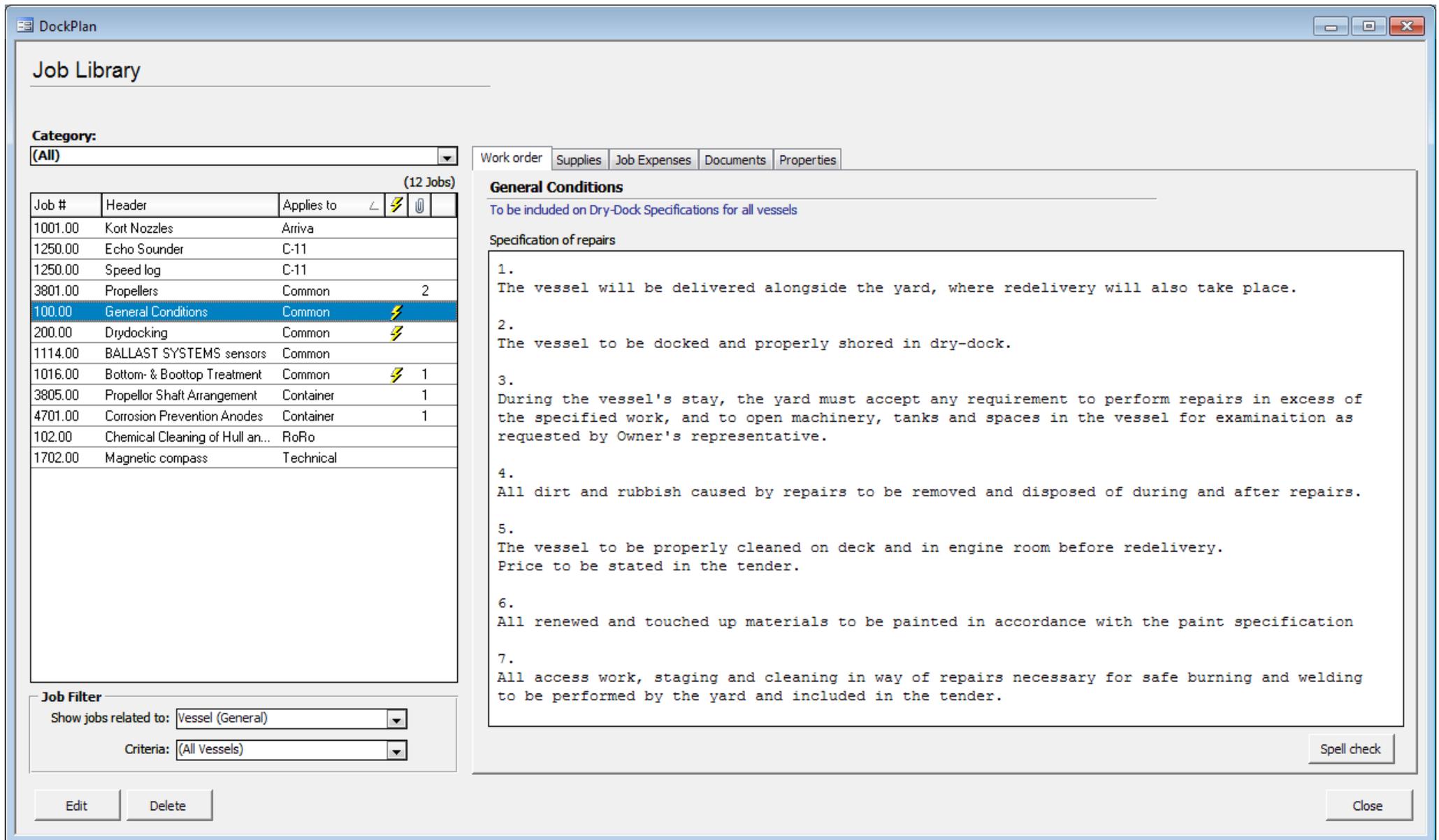


Properties | Add | Delete | Open | Export

Library: Save | Load

Export | Print | Close

The 'Documents' tab allows assigning documents, drawings, photos, pdf-files etc. to the selected work order. Each attachment can be set to automatically print with the dry-dock specification.



The Job Library is a major feature of DockPlan. It allows saving of work orders for use on future dry-dock specifications. The Job Library know how stored work orders applies to other vessels, other vessel types, sister vessels etc., and is hence able to display work orders relevant for different vessels. Work orders set for 'Auto Load' will automatically get loaded on new dry-dock specifications for applicable vessels.

DockPlan

Yard Quotes

Ocean Arriva, D11.14 Demo Docking

Quoting Yards

Fredericia Værft	4.0	▶ ✓
Guangzhou Shipyard		✳
Keppel/Hitachi		✉
Ørskov Værft		✉

Fredericia Værft info

Payment Terms:

Penalty:

Yard days: Dock days:

General Discount:

General Tender Remarks

Tender Status:

Tender Total:

Deviation: ▶

Dry Dock Total: 458.170

Work Orders (14 Jobs)

D100.01	General Conditions
D200.01	Drydocking
D300.01	Painting And Treatment
D1001.01	Shell Plating, Bulwark, Bilge Keels
D1001.02	Sea Chest and Bay
D1001.03	Kort Nozzles
D1041.01	Rudder, Rudder Trunk, Stuffing Box
D1041.02	Simplex Stuffing Boxes
D3801.01	Propellers
D3801.02	Rope Guard
D3805.01	Propellor Shaft Arrangement
D3811.01	Bowthruster 1
D4701.01	Corrosion Prevention Anodes
D9020.01	Specifications

Fredericia Værft: D1041.01 Rudder, Rudder Trunk, Stuffing Box

Do not request quotation for this job

Cost Type	Reference	Description	Quantity	Price	Currency	%	Total	USD
▶ Quote		Yard Quote	1	55.000,00	USD	0,0	55.000	55.000
*								

Work order Total (USD): **55.000**

Quote Remarks

Compare Yards

Edit Yard List

Select Yard

Quotations:

The 'Yard Quotes' module in DockPlan manages quotations received from bidding ship yards. Quotation for each work order is evaluated and optionally commented by the superintendent. Besides work order quotations, also deviation costs like off hire, bunkers consumption, cargo handling etc. related to dry-docking at the various shipyards is entered. Finally, all yards and costs can be compared against each other in a single overview.

DockPlan ✕

Cost Outline

Ocean Arriva, D11.14 Demo Docking

Job No	Job Header	Quote	Estimate	Yard Total	Parts	Repair Team	Requisition	Survey	Travel	(Other)	Owner Total	Job Total
D100.01	General Conditions			0							0	0
D200.01	Drydocking			0							0	0
D300.01	Painting And Treatment			0							0	0
D1001.01	Shell Plating, Bulwark, Bilge Keels	20.450		20.450		1.136	6.600				7.736	28.186
D1001.02	Sea Chest and Bay	18.800		18.800	1.458						1.458	20.258
D1001.03	Kort Nozzles	17.850		17.850		4.458					4.458	22.308
D1041.01	Rudder, Rudder Trunk, Stuffing Box	55.000		55.000	929			800			1.729	56.729
D1041.02	Simplex Stuffing Boxes	9.600		9.600	15.200	33.000					48.200	57.800
D3801.01	Propellers	33.600		33.600							0	33.600
D3801.02	Rope Guard	1.400		1.400							0	1.400
D3805.01	Propellor Shaft Arrangement	18.470		18.470		5.455					5.455	23.925
D3811.01	Bowthruster 1	35.000		35.000		789					789	35.789
D4701.01	Corrosion Prevention Anodes	35.000		35.000	5.487		8.392				13.879	48.879
D9020.01	Specifications	128.000		128.000							0	128.000

Group by: Work Order ▼ Job Total (USD) **373.170** **0** **373.170** **23.074** **44.838** **14.992** **800** **0** **0** **83.704** **456.874**

Hide cancelled and postponed jobs

Value of Yard Discount: -7.463
 Deviation: 99.760
 Representatives: 11.427
Docking Total (USD) 560.598

Print OK

Cost Outline provides an overview of all costs assigned to work orders on the dry-dock specification.

DockPlan
✕

Vessels

License: 3 Vessels
Permission: Full Control

Show hidden vessels (3 Vessels)

Vessel	Ref	Mng. Group
Arriva	402	Container A
Britta	251	Technical
Pearl	14	Technical

Vessel

IMO:

Vessel Name:

Short Name:

Vessel Ref. No: Hide Vessel

References

Vessel Type:

Vessel Sub Type:

Sister Type:

Management Group:

Details Particulars Tank Layout

Build Yard:

Build Year: Build No:

Flag:

Class Society:

Owner:

Ex. Names:



Vessel Filter

where:

equals:

Note:

The Vessels database registers all vessels in DockPlan, along with their details and particulars. Vessels details and particulars can automatically be included with the printed dry-dock specification for the ship yards reference during dry-docking. Ships Yards are registered in DockPlan in a similar fashion.

A comprehensive user management system is built into DockPlan allowing administrators to assign different permissions to certain groups of users. Vessels and their dry-dockings can be made 'view only', or entirely hidden for some users, while fully editable to other users. Also more detailed permissions for each individual dry-docking can be managed, for instance hiding all budgets and costs for certain users, while maintaining these users ability to work with other parts of the dry-dockings, like work orders and reports.

DockPlan can be installed in 'Vessel Client' mode intended for installing onboard the vessels. This way the vessel's crew can deliver input to dry-dock specifications in the works, through a simpler user interface, only providing vessel related DockPlan functionality.

DockPlan is developed by Key Computer in Denmark on request from A.P. Moller Maersk. During the years, DockPlan has been improved and further functionality added based on user inputs from a growing user base.

DockPlan has never been officially marketed, but has spread by word of mouth to many shipping companies and companies doing technical management of vessels. Today DockPlan is used by the following companies, most of which are Danish:

Dampskibsselskabet TORM

A2SEA

Bernhard Schulte Shipmanagement (UK)

BW Fleet Management (Norway)

Clipper Fleet Management

Dannebrog Rederi

DFDS

DS Norden

EMS Ship Management

Erria

Esvagt

Golar Wilhelmsen Management (Norway)

Högh Fleet Services (Norway)

Högh Wallem Shipmanagement (Singapore)

Kamp Consult

KGJS (Norway)

M.H. Simonsen

Maersk Line

Maersk Supply

Maersk Tankers

Nordic Tankers

Uni-Tankers

Wallem Shipmanagement (Hong Kong)

A fully functional demo-version of DockPlan is available for download at our website.

The demo version will expire 60 days after installation.

A live demonstration of DockPlan can also be arranged using TeamViewer. Please contact us for further information.

Key Computer

www.dockplan.com

Mail: info@dockplan.com

Phone: +45 56870592

Mobile: +45 31900592