

#image #brochure

#2022 #modern #shipyard #ontimedeliveries

#Action #Realaction

**QUALITY
ON-TIME
ALWAYS**

STATE OF ART MARITIME SERVICE HUB



**TRUSTED TO
PERFORM
SINCE 1916**

FAYARD 





Key Facts

- Private Owner & Private Managed shipyard,
- Founded by the Andersen family in 1916.
- Located centrally in Denmark, Northern Europe.
- Large, modern and efficient repair yard with
 - 4 large dry docks
 - Superior cranes
 - Plenty of quays and workshops to meet any requirements on maritime vessels, jack-ups and semi-submersibles
- 120-130 vessels in for service, yearly average.
- More than 1,150 dockings in present facilities in Munkebo
- Fast and efficient workflow.
- Highly skilled Workforce
- High-Capacity yard
- 10% of our workforce are apprentices – by purpose!

106 years of being On-Time

REPAIR
CONVERSION
REBUILD
RETROFIT
EFFICIENCY UPGRADES
OFFSHORE
DECOMMISSIONING & RECYCLING

Dry Docks up to 415m x 90m

REPAIR

Our facilities and highly skilled staff enable us to repair any kind of damage.

We have gained our reputation through short lead times for repair projects, excellent quality and a minimum of docking time.

As with all other work at FAYARD, each project is assigned a dedicated project manager ensuring excellent communication and delivery within the agreed schedule.

CONVERSION

We have the resources and the capacity to do all imaginable conversions, whether it is conversions into cable laying vessels, lengthening of vessels, additional accommodation projects or conversions of rigs and jack-ups. Typically, we combine conversions with up-grades of various systems in order to optimize operation of the vessel, e.g. bulb ex-change.

REBUILD

We also have great experience with life-time extensions and are able to carry out the most challenging and extensive rebuilding projects within short and fixed delivery schedules while our high quality is maintained.

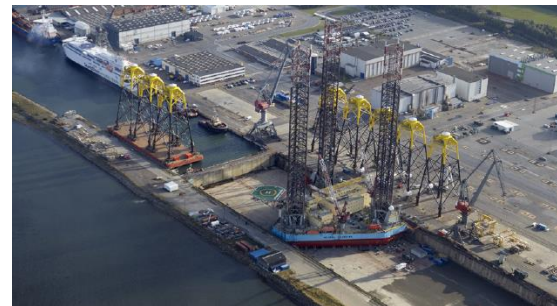
RETROFIT

We are specialised in retrofitting ballast water treatment systems (BWTS), scrubbers/ Selective Catalytic Reduction (SCR) systems and Engine LNG conversions. Retrofits of bulb, propeller and rudder system to ensure operational efficiency, and reduce consumption/emission, as well as retrofitting for compliance.

The unique key to successful installation is preparation of all interfaces and dependencies throughout the supply chain from engineering/design over maker's timely delivery, installation, logistics to class approval capacity. Thousands of vessels require BWTS retrofit in coming years - get peace of mind by teaming up with makers and FAYARD.

OFFSHORE

We handle renewal surveys, special periodic surveys, upgrades and other work on rigs efficiently and in a safe and speedy manner. Our HSEQ set-up dedicated to safety, includes a second to none work permit system, developed specifically to offshore requirements.



DECOMMISSIONING AND SHIP RECYCLING

Our facilities offer well located large-scale decommissioning facilities for vessels, wind turbines, off-shore oil & gas structures & platforms. Our comprehensive, professional setup including pollutant handling is adapted at The European List of Recycling facilities pursuant to the EU Regulation No. 1257/2013 in force.

GREAT LOCATION FOR THE NORTH SEA & THE BALTIC SEA

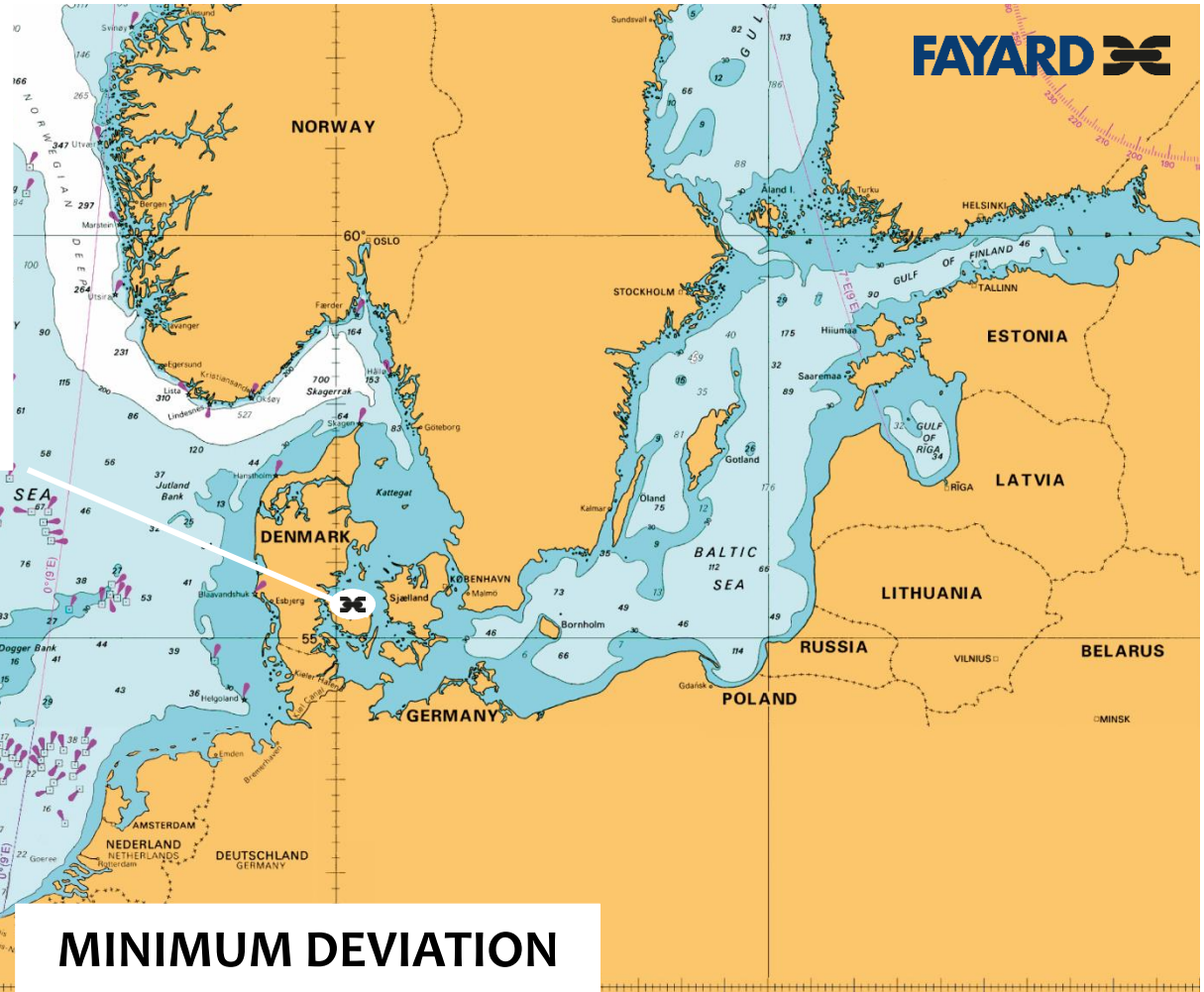
FAYARD is located in the weather protected Odense Inlet next to the transit route T in the Great Belt as well as the transit route Kiel-Baltics, offering you minimum deviation.

Onshore we are close to highway E45 and E20 and International airports:

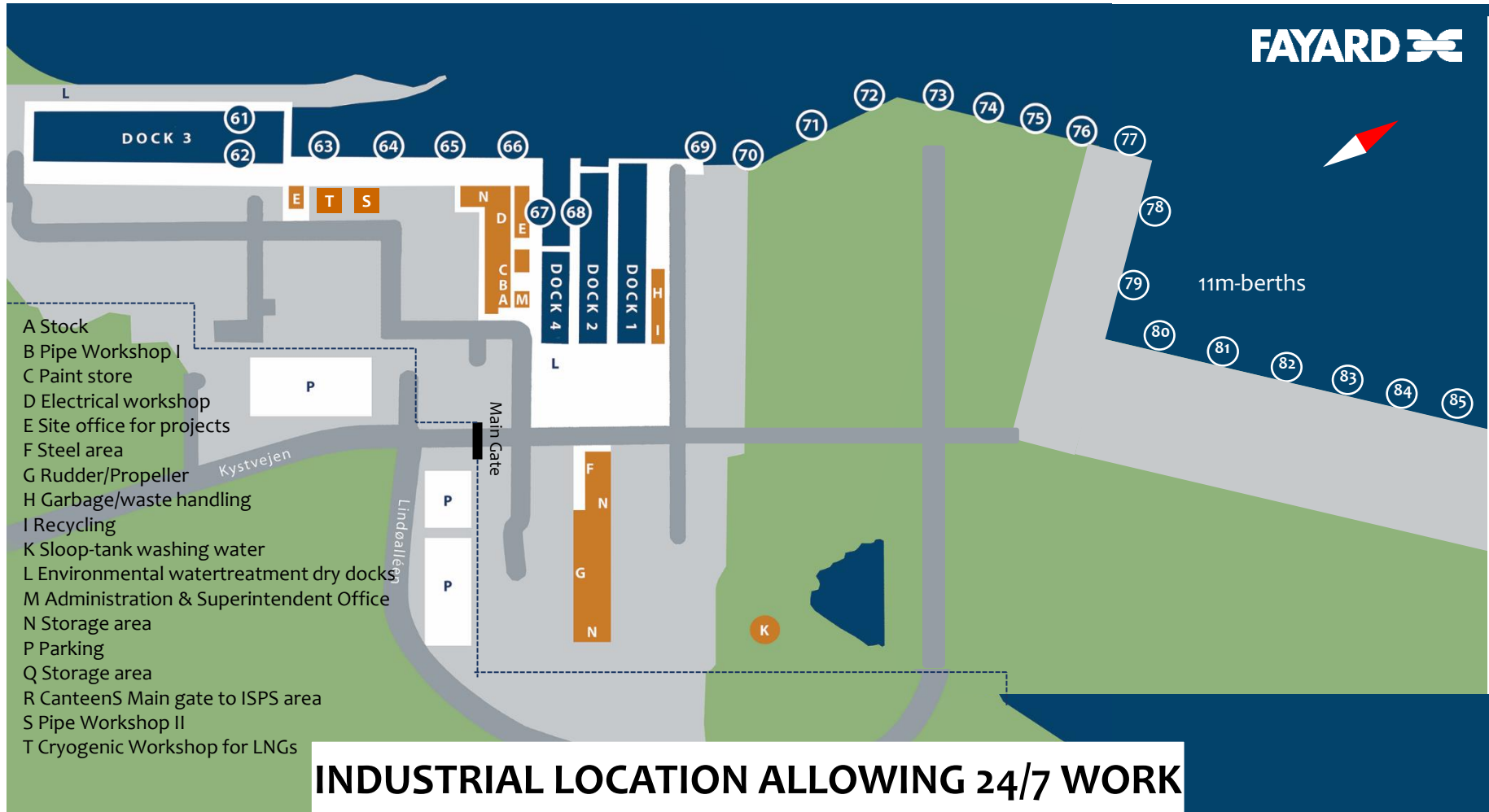
Copenhagen 1 ½ hour

Billund 1 ½ hour

Hamburg 3 hours



MINIMUM DEVIATION



FACILITIES

Our easily accessible and efficiently organized area includes 4 dry docks, 6 cranes, 3 construction & assembly halls, modern disposal facilities and on-site workshops.

DRY DOCKS

Dock 1	303 x 45 x 7	
Dock 2	280 x 44 x 7	dock-pit 6.2 x 6.2 x 2.4 m
Dock 3	335/415 x 90 x 8	dock-pit 14.0 x 6.0 x 3.5 m 9.0 x 6.0 x 3.5 m
Dock 4	145 x 30 x 8	dock-pit 6.2 x 6.2 x 2.4 m

CRANES

Capacity up to 1,200 tonnes

REPAIR BERTHS

Max. draught 7m - 11 m

CONSTRUCTION & ASSEMBLY HALLS

32,000 m²

TANK WASHING WATER DISPOSAL FACILITIES

Up to 600 m³

ELECTRICAL SHORE POWER (at each dock)

1000 A - 440 V - 60 Hz 1200 A - 400 V - 50 Hz

TOTAL AREA

165,000 m²

MODERN DRY DOCKS

In 2011, we invested in 3 modern dock gates and an upgrade of the pumping systems for the docks with dock-pits to increase the docking efficiency.

Due to these upgrades, we can start working on your vessel only 3-4 hours after your arrival.

The dock gates in 3 of our docks open or close in just 4 minutes.

BERTH AND OTHER FACILITIES

For offshore platforms and semi-subs, we have the required berth facilities. Jacking-up is possible.

Berths are used for the type of work that does not specifically requires dry docking.

ENVIRONMENT

We are fully committed to conducting our activities in an environmentally responsible manner.

In our attempt to run our yard as environmentally friendly as possible we have invested in

- two state-of-the-art waste-water treatment facilities with connections in the dock, for e.g. tank washing water. One set of tanks is connected to 3 of our docks and the other is connected to the large Dock 3.
- UHP water jetting capacity for fast hull process in all docks



ENVIRONMENT

Making Global Goals Local Business

- We are fully committed to conducting our activities in an environmentally responsible manner. In our attempt to run a yard that is as environmentally friendly as possible we have amongst others
- Dry Docks are environmentally Closed Loop systems
- Hull Cleaning by Water Jetting as standard
- Shore Power availability reduces vessel emissions
- Tank Washing Water Receive System (Slop)
- Vessels in Inerted condition allowed
- Lower VOC Emission to air than allowed quota
- Waste Management System in operation
- All Chemicals are stores in Secured areas
- Recycling of scrap materials availability
- LED-bulbs where applicable
- EU-approved Ship-recycling facilities



SDG ACCELERATOR



13 CLIMATE ACTION

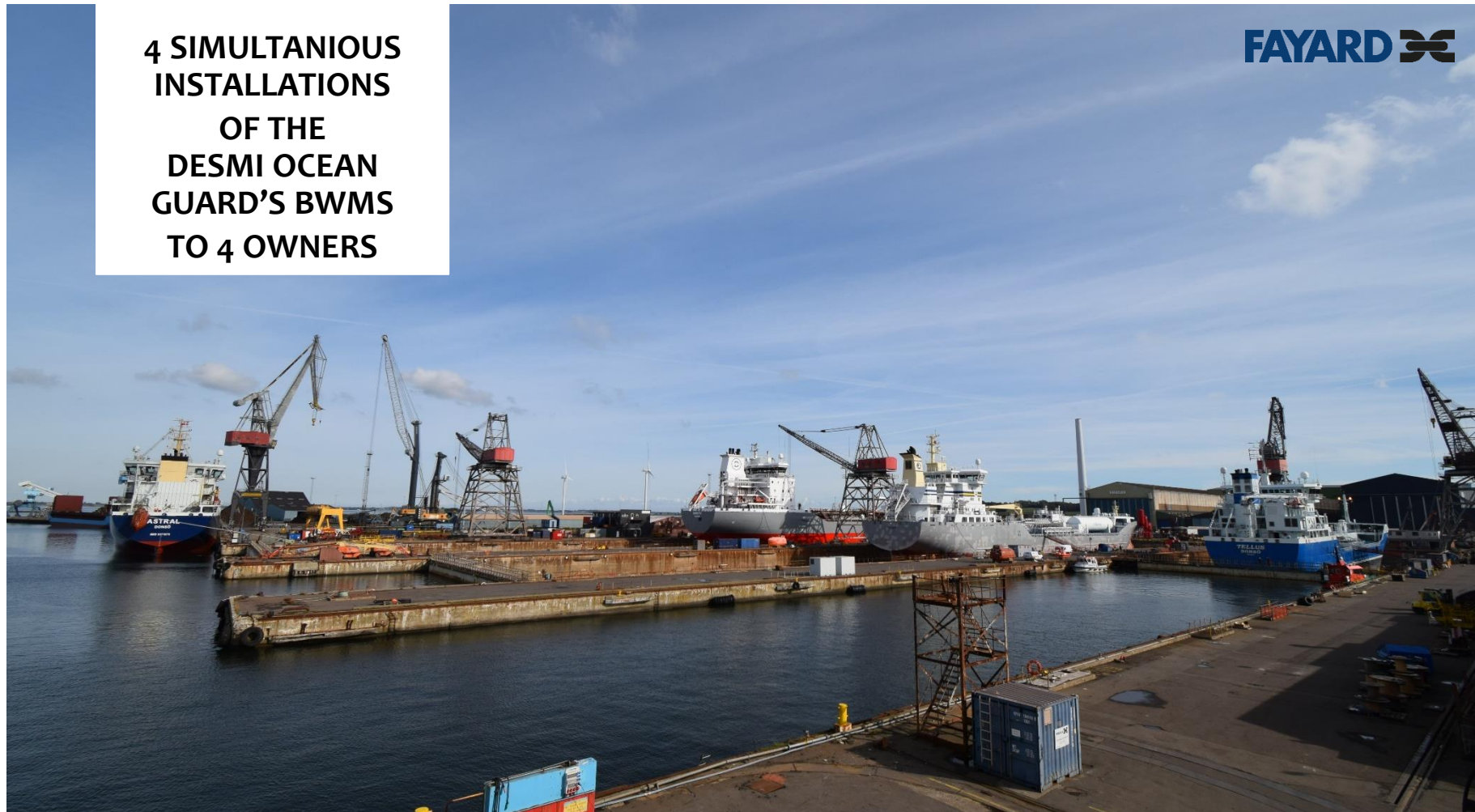


Climate change is one of the biggest sustainability challenges of our time.

At FAYARD we have a strong focus on supporting customers regarding the CII and the EEXI improvements, and in optimizing the ships in operations by incremental retrofits. We are thrilled to work together and to help our customers become more efficient while reducing the vessels' environmental footprint.

**4 SIMULTANEOUS
INSTALLATIONS
OF THE
DESMI OCEAN
GUARD'S BWMS
TO 4 OWNERS**

FAYARD 



**INSTALLATION OF
OWNER'S OWN
DEVELOPED BWTS
AT FAYARD
THE KBAL
2 X 3000M³/HOUR**

FAYARD 

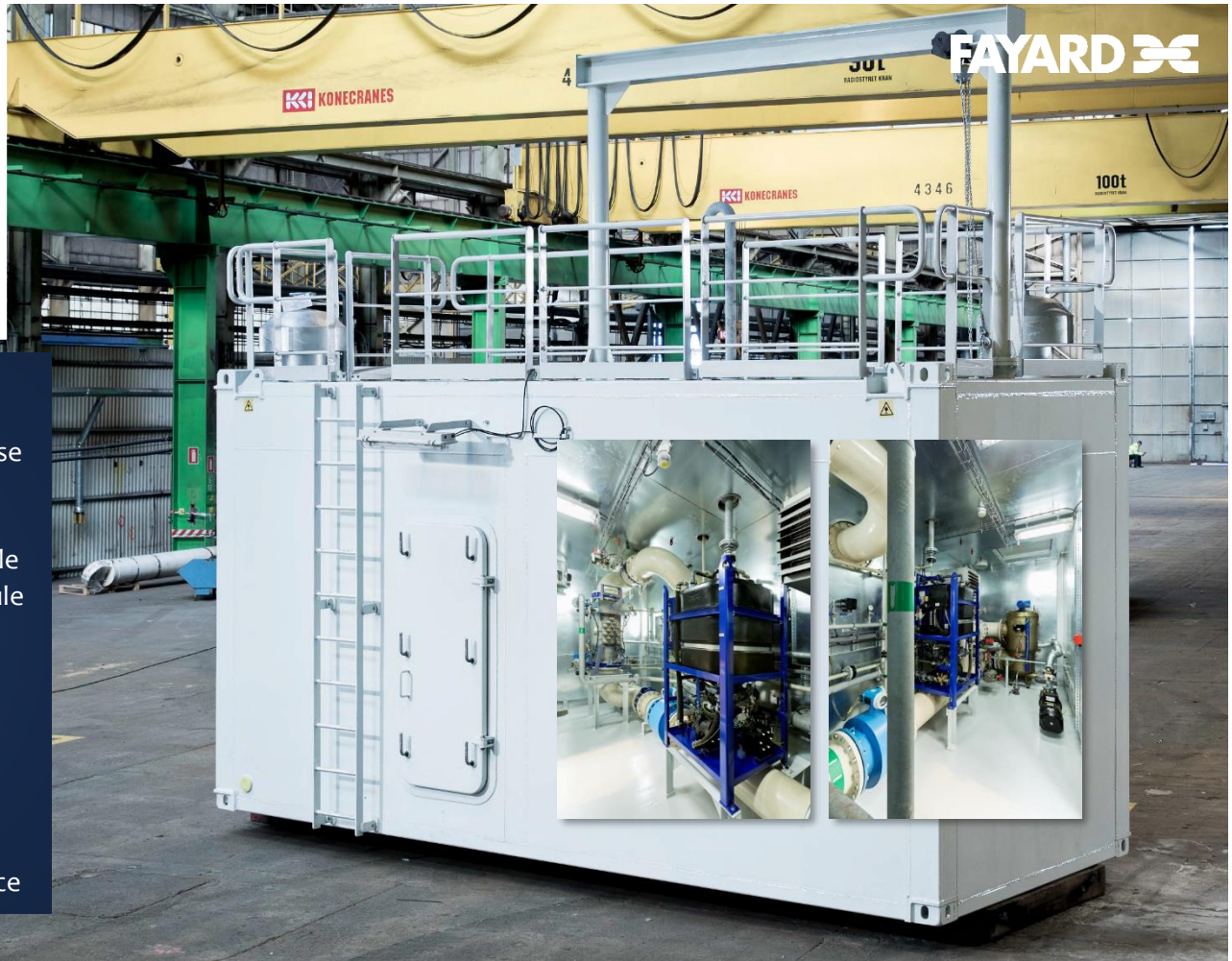


IMO/USCG/ATEX APPROVED BALLAST WATER TREATMENT DECK HOUSE

Ready for efficient installation:

- Well defined interfaces
- IMO & USCG approved as Deckhouse
- ATEX or Non-ATEX option
- Std. 20' or 40' container footprint:
20' up to 1000m³ BWT unit/ Module
40' up to 2000m³ BWT unit/ Module

Engineering:	TechConsult
Procurement	FAYARD A/S
Construction and	FAYARD A/S
Installation of BWMS	FAYARD A/S
in Deckhouse &	
Commissioning:	FAYARD A/S
Installation in Vessel:	Owner's choice



FAYARD

KONECRANES

KONECRANES

4346

100t



The FAYARD BWTS Deckhouse Solution Offers:

- Compliance to Ballast Water Convention upon redelivery of vessel from yard.
- Vessel operation made free advanced pre-booking of yard.
- Secured on-time-delivery of Commissioned and Class Approved fully equipped BWTS Deckhouse.
- Simplicity and standardization in the interfacing offer shortest possible yard stay.
- Clarity in Roles, Responsibilities and Interfacing.
- Recognized, Proven and Approved Solution.
- Peace in mind in the Dynamic Maritime.

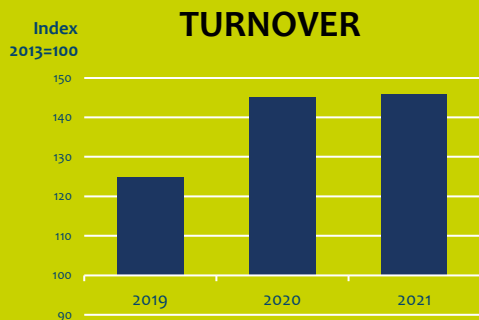


Competent and Efficient SOX-scrubber Retrofits

- 82 Scrubbers retrofitted at FAYARD
- Treating total MW of engine emissions: 751MW
- Closed Loop Zero Discharge scrubbers: 14
- Closed Loop scrubbers: 24
- Hybrid Ready scrubbers: 37
- Open Loop scrubbers: 7
- Largest scrubber retrofitted is for 54.2MW
- Smallest scrubber retrofitted is 7.3MW
- Most scrubbers in one vessel: 5 for total 22.3MW
- Fastest Scrubber retrofit: 7 days

- Average of all 82 scrubber retrofits: 16.9 days

THE NUMBERS



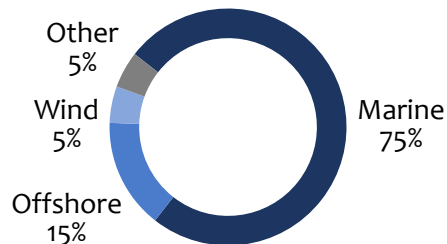
AVG. UNITS PER YEAR

130

AVG. DOCK UTILIZATION



SEGMENTS



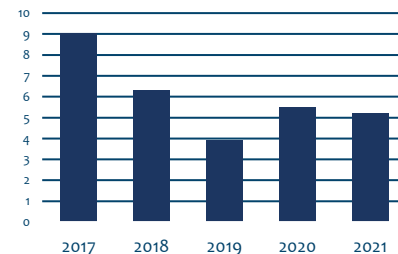
DELIVERED ON-TIME

100%

**PART OF TURNOVER
FROM RETURNING CUSTOMERS**

86%

OSHA TRIR
(the 200,000 hrs benchmark)



**AVERAGE
WORKING
HOURS
PER YEAR**



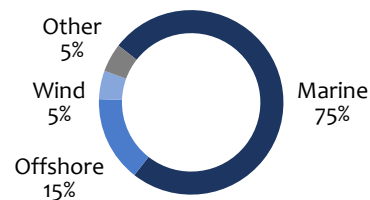
DOCK AVAILABILITY

100%

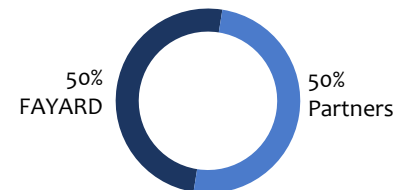
2021 in numbers:
121 DOCKINGS
84% DOCK UTILIZATION



Segments



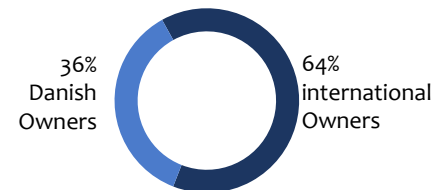
Project Controlling Network Organization



Customer Appreciation



International activities



106 years of being On-Time

OUR
COMMITMENT

10%

OF OUR
WORKFORCE
ARE APPRENTICES

FAYARD 



8 DECENT WORK AND
ECONOMIC GROWTH

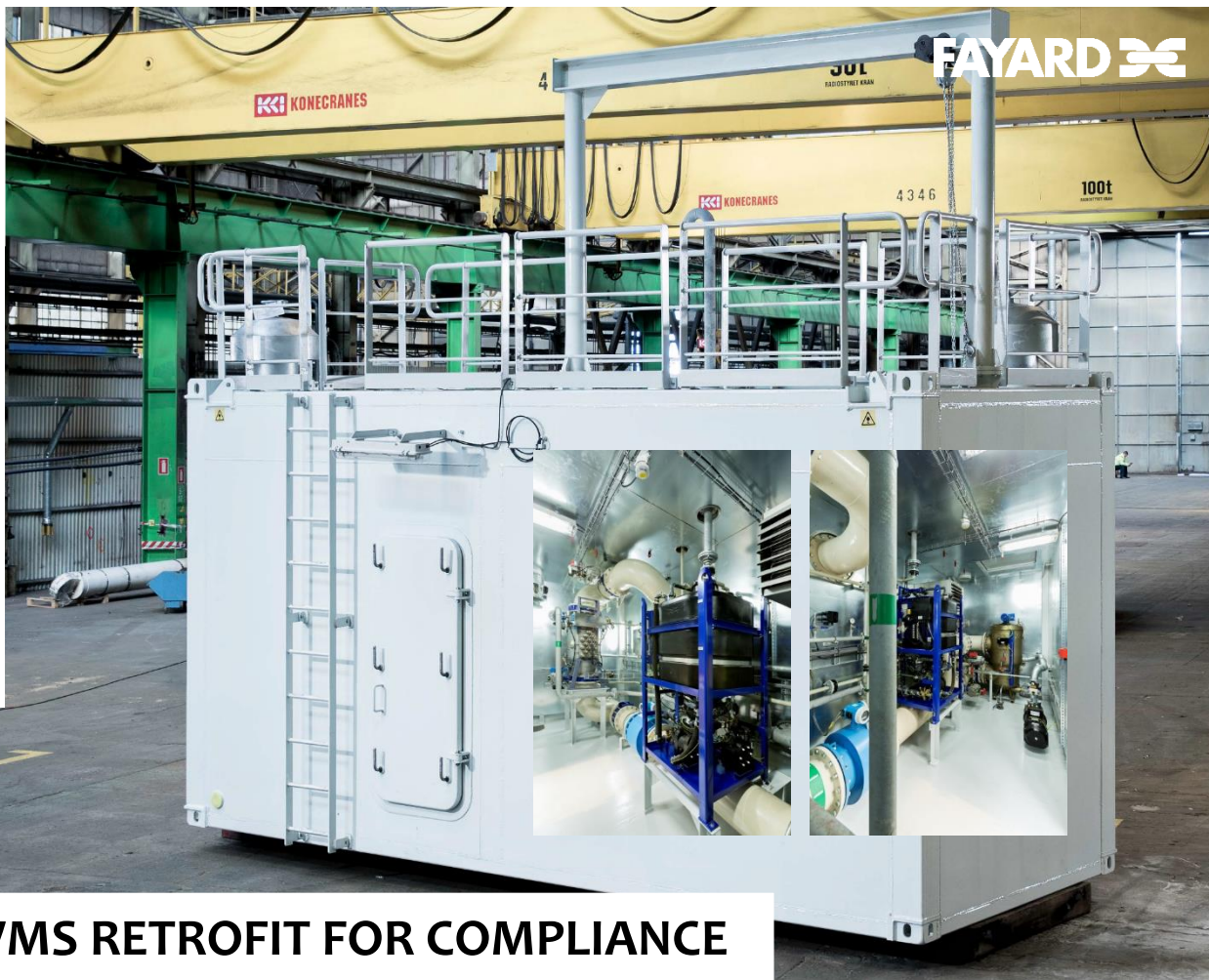


IMO/USCG/ATEX APPROVED BALLAST WATER MANAGEMENT SYSTEM DECKHOUSE

- Ready for efficient installation
- Well-defined interfaces
- ATEX or non-ATEX solution
- Std. 20' or 40' footprint
- 20' up to 1,000 m³ /system
- 40' up to 2,000 m³/system
- BWMS to be owner's decision

More than 90 BWMS retrofit installation projects carried out, using different technical solutions, systems and technologies

BWMS RETROFIT FOR COMPLIANCE





PARTNERS AT OUR FACILITY

QUALITY

At FAYARD we want our clients to leave the facilities with the highest quality of work done on their asset. To ensure constant focus on keeping our high quality, we have implemented the ISO9001:2015 and the ISO14001:2015 management systems. The systems cover all the processes in the yard, and it is certified by BV. Naturally, we are continuously improving our processes and systems.

GTT MEMBRANE LNG VESSELS

In January 2020, Gaztransport & Technigaz SA (GTT) and FAYARD have signed Technical Service Agreement for Maintenance and Repair of membrane LNG carriers allowing servicing of the vessels in the FAYARD facilities. For the services FAYARD is teaming up with certified specialists.

HEALTH & SAFETY

Since we hold our employees and the crews of visiting vessels in the highest regard, the working conditions at our facilities are kept up to date and aligned with our safety requirements. Along with our safety requirements we demand a strict adherence to our safety policy in order to prevent accidents.

FAYARD has set the goal of achieving zero occupational injuries and illnesses by continuously improving our prevention practices, awareness and controls.

Specifically developed to safety of personnel FAYARD has developed and implemented the FAYARD Smart Boarding System, an innovative IT system that automatically monitors entering and leaving of personnel to vessel and drydock. Project Management can always see who is where – and in case of emergency whether all has left the sites.

QUALITY - ON TIME - ALWAYS



Quality - On time - Always



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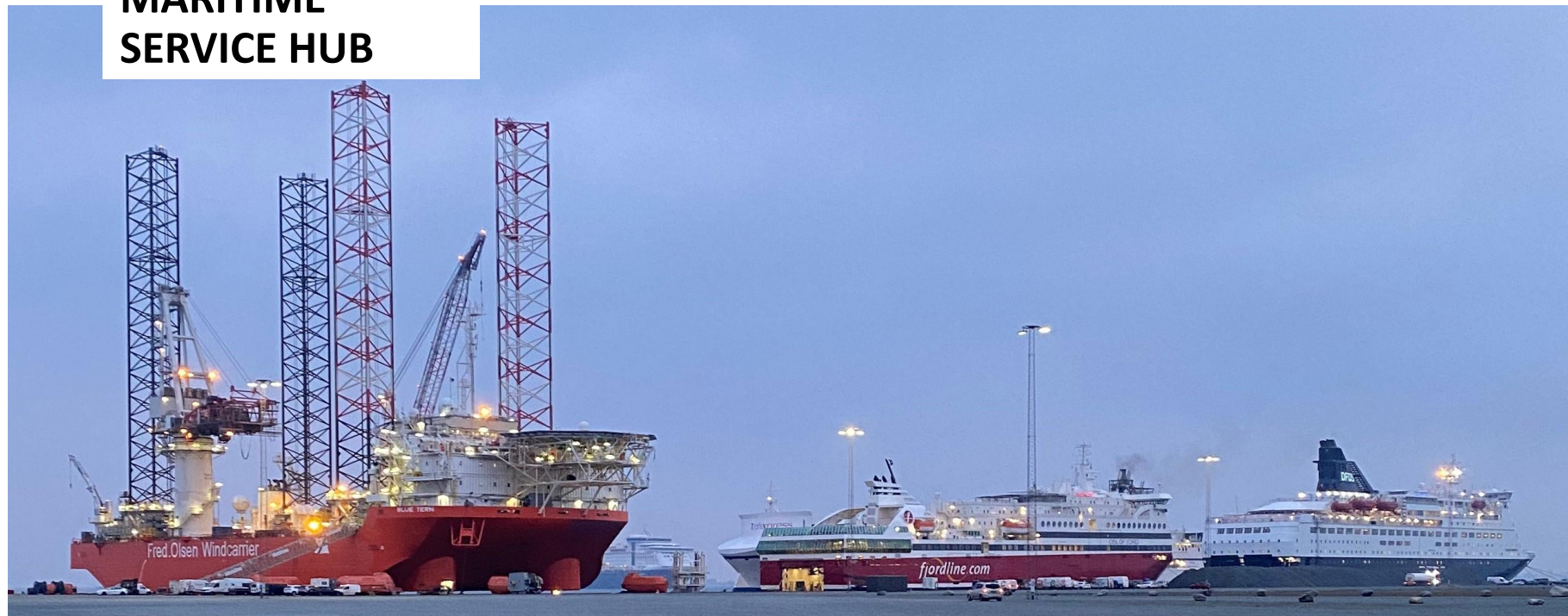


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STATE OF ART MARITIME SERVICE HUB



106 years of being On-Time

**MORE THAN
1,000 DOCKINGS
PAST DECADE**

FAYARD 



**UPGRADES
THAT HELP
YOU GROW**

FAYARD 



**UP TO 1,200T
PRECISION
LIFTING
CAPACITY**

FAYARD 



CONVERSIONS THAT HELP YOU GROW

FAYARD 



HIGH-CAPACITY DOCKS AND STORAGE AREAS



FAYARD



**LARGEST
DOCK is
415m x 90m**

FAYARD 



Future Fuels Serviced

FAYARD 



**Ship/Shore
to Ship
bunker services
available, also
after LNG Tank
Services**

FAYARD 



**Ships of the
future, e.g.
Carbon Capture
and Storage
(CCS)
also Serviced**

FAYARD 

