



FLEET CLEANER
ROBOTIC UNDERWATER SERVICES

Available in the ARAG area

Ports in THE NETHERLANDS

Groningen Seaports (Delfzijl, Eemshaven)
Port of Amsterdam
Port of Den Helder
Port of IJmuiden
Port of Rotterdam
Zeeland Seaports (Flushing, Terneuzen)

Ports in BELGIUM

Port of Ghent
Port of Antwerp
Port of Zeebrugge

Contact

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PROVIDING SAFE AND SUSTAINABLE
INSPECTION AND CLEANING SERVICES
DURING LOADING AND UNLOADING IN PORTS



FUEL SAVINGS



REDUCED EMISSIONS

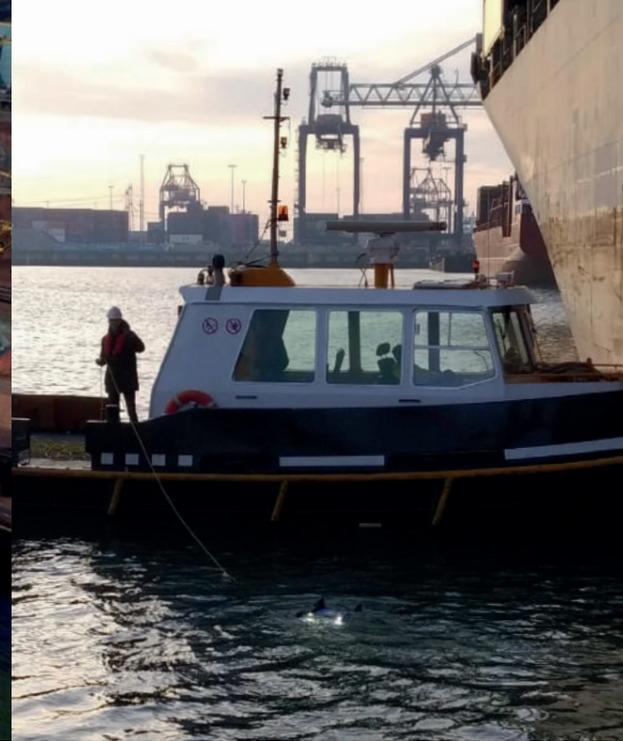


NO DOWNTIME



OUR MISSION IS TO

KEEP YOUR FLEET CLEAN WITHOUT OPERATIONAL IMPACT USING SAFE AND SUSTAINABLE ROBOT TECHNOLOGY



OUR SERVICES

FLEET INSPECTOR ROBOTIC INSPECTION SERVICES

QUICK INSPECTION

- Easy coordination and hassle-free operation
- Fast and complete indication of fouling and coating status on the hull and the status of the propeller and seachests
- Class certified UWILD inspections are done in cooperation with diving companies

EXTENSIVE INSPECTION REPORT

- An overview of the operation, hull status and coating status
- A report is delivered within hours after inspection

WE PROVIDE

REDUCED FUEL CONSUMPTION

By removing fouling from the hull, our clients' vessels save 5-10% in fuel costs and harmful emissions. Even a light fouling layer has a significant impact on fuel consumption.

NO DOWNTIME

Our cleaning and inspection services are conducted during loading and unloading at the terminal and can be done at the same time as other port operations, such as bunkering

MINIMUM COATING IMPACT

By using high-pressure waterjets, we are able to adjust the cleaning pressure according to fouling and coating type, maximizing cleaning effect and minimizing coating impact.

24/7/365 AVAILABILITY

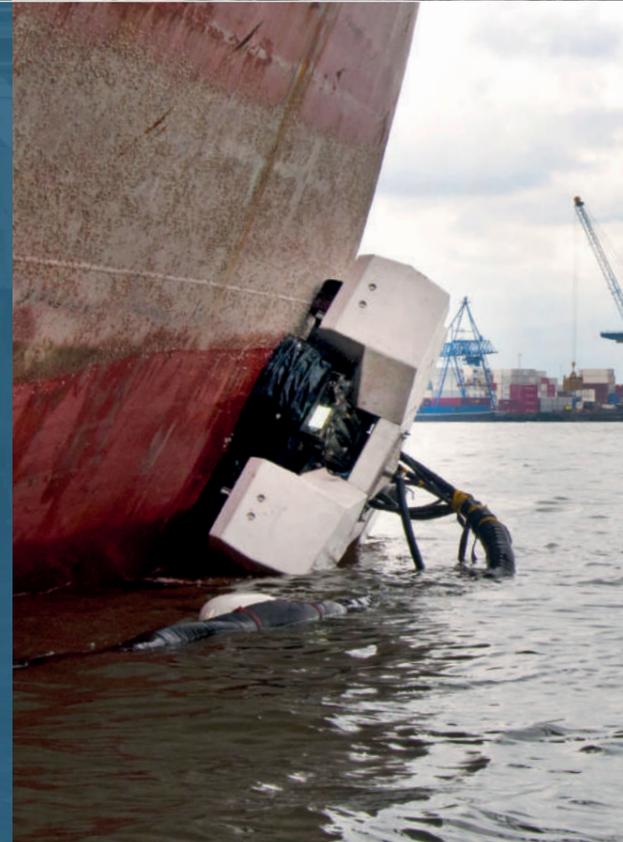
Our services are continuously available. We operate in all weather conditions and are not limited by currents, waves, wind or poor underwater vision.

SUSTAINABLE OPERATION

All removed fouling is captured and separated with our wastewater treatment system. The collected waste is disposed of by certified waste processing companies.

SAFE OPERATION

Our hull cleaning and inspection services are executed with in-house developed remotely operated vehicles, so our ROV pilots maintain a safe working distance from cargo and port operations.



FLEET CLEANER ROBOTIC CLEANING SERVICES

COMPLETE HULL CLEANING

- Robotic cleaning of the vertical sides, flat bottom and between the vessel and quayside
- Propeller polishing and seachest cleaning in cooperation with certified diving companies

DURING LOADING AND UNLOADING

- Certified by port authorities and terminals
- Robot able to complete full cleaning during cargo operations

ADVANCED NAVIGATION SYSTEM

- Semi-autonomous control of the cleaning robot
- Accurate positioning and navigation data for quality cleaning

EXTENSIVE CLEANING REPORT

- Overview of the operation, hull status and coating status
- Images of fouling linked to exact location on ship



WE CLEAN

CONTAINER VESSELS
BULK CARRIERS
TANKERS (ATEX CERTIFIED)

and any other vessel type

DURING CARGO OPERATIONS

Find out more about our services

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