

SIGMACARE® PLUS

The revolutionary online system that removes complexity

Case study



The Customer

Stena Line B.V.

The Location

Hoek van Holland, The Netherlands

The Challenge

To simplify onboard maintenance and sea stock management

The Solution

The SIGMACARE PLUS online guide to maintenance at sea

The Benefits

Highly efficient vessel maintenance system for easy inventory control and product ordering while at sea

The Result

Significantly improved onboard maintenance and crew productivity

The Customer

Stena Line is one of the world's largest ferry companies with a modern fleet of 34 vessels and Europe's most comprehensive route network consisting of 17 ferry routes in Scandinavia and around the UK. The company has three business areas based on its geographic markets: Scandinavia, the Irish Sea and the North Sea. Part of the Stena Line organization, Stena Line B.V. has two vessels that operate each day from Hoek van Holland in The Netherlands to Killingholme, England across the North Sea. The Stena Transit and its identical sister ship the Stena Transporter each have a capacity of 300 passengers and 33,690 gross tonnage.

The Challenge

Stena Line B.V. was constantly looking for imaginative ways to improve its onboard maintenance procedures. A key question was how the company could simplify onboard maintenance and sea stock management while improving coating application and crew efficiency – major operational issues for both individual vessels and fleet managers.

Coating management can become quite complex onboard a vessel: keeping track of what coatings and which color to use, where to apply them, and ensuring that maintenance charts are clear and easy to understand for the crew.





The Solution

PPG has developed a unique online system: SIGMACARE PLUS, which has been specifically designed to simplify onboard coatings management for individual vessels and large fleets.

This revolutionary online service tool now makes it easier to carry out onboard maintenance for owners, vessel management and crew members alike. In essence, SIGMACARE PLUS eliminates the complication often associated with onboard maintenance, maximizes efficiency and reduces waste in management time, onboard manpower and product usage.

The Benefits

SIGMACARE PLUS is all about taking away complexity – the simpler something is the better it will work. Stena Line B.V. now benefits from streamlined product delivery and service. Orders can be controlled more effectively and placed while at sea if required and a dynamic map shows which ports and products are available in real time. Dry dock reports, the maintenance at sea guide, and new-build specifications can be downloaded, plus a clear maintenance chart can be printed out. The paint inventory and the paint locker become better organized and the crew can also watch training videos on coating application.

Already proving its commercial value worldwide, the SIGMACARE PLUS online service improves performance and productivity with an unrivaled range of benefits:

Main Benefits:

- A unique inventory control and product ordering system allows vessels to place stock inquiries while at sea
- Simplifies coatings management for individual vessel and fleet usage
- Reduces mistakes in ordering, inventory keeping and application
- Improves efficiency for onboard coating application
- Full clarity on what, where and how PPG supply products worldwide – all in real time
- Able to create simple, clear maintenance charts that can be used in a paint locker onboard any vessel
- Includes new-build specifications and dry docking reports to further streamline product delivery and service
- Real-time updates
- Available 24/7 worldwide with global support (offline and online)
- Comes complete with manual and online video

The Results

Currently, PPG provides coatings solutions for the onboard maintenance of the Stena Transporter and the Stena Transit.

Following implementation and training for the SIGMACARE PLUS maintenance tool, we received excellent feedback from the Stena Line B.V. staff, who are extensively using the online system. Crew members are also finding it easy working with PPG's onboard maintenance products, plus the maintenance charts make it simpler to work with the correct products in the right vessel areas.

A Stena Line Manager commented, “We are delighted with the SIGMACARE PLUS online service. Results have clearly shown improvements in our onboard maintenance procedures since introducing the system and we are now looking to extend its use across the fleet.”



Image: Creating simple maintenance charts and ordering products while at sea with SIGMACARE PLUS