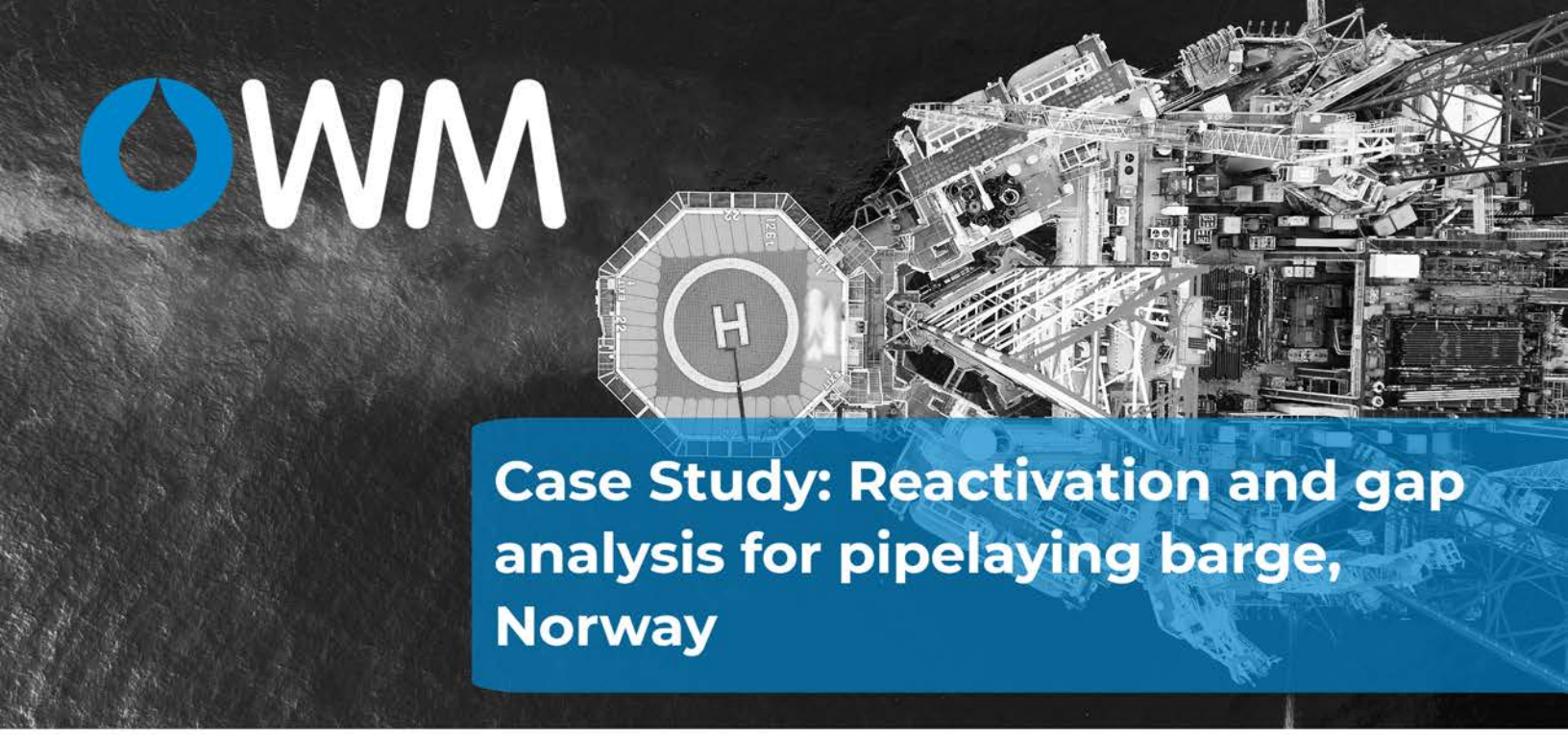

Case Study: Reactivation and gap analysis for pipelaying barge, Norway

Project

We supported our client in dry dock to assess their current and future risk, before mobilising to the Middle East on a long term assignment.

Success Factors

- ✓ Mobilisation to Norway within 48 hrs
- ✓ No operational, financial or technical delays
- ✓ Full upmanning ahead of schedule
- ✓ Compliant water management system
- ✓ Forward plan for maintenance and next dry dock

Scope

- Potable water storage tanks were inspected, cleaned and super chlorination.
- Accommodation system reactivation, chemical flushing, and super chlorination
- Accommodation pipework system repairs and distinfection
- Chemical cleaning and super chlorination: hydrophores, calorifiers, filtration and UV units
- Bunker system chemical clean and disinfection (pipework and hoses)
- Component chemical clean and disinfection: transfer pumps, strainers, filter/ vent screens
- Component servicing: UV units, dosing units (pot water treatment and corrosion reduction)
- Technical Industrial water system tank cleaning and disinfection

> "We appreciate the support your team have provided for this work scope including some additional issues in the accommodation. They have been a pleasure to have on board working safely for us'"

Our Recommendations

As the vessel would be working in a warm environment, the inherent risk is higher due to the increased chance of bacterial growth associated with the ambient temperature.

It was imperative that there was an ongoing potable water monitoring regime and corrective action plan, to ensure the pot water system is compliant and the risk is as low as reasonably practical.

Our highly specialist services include consultancy, compliance, products, training, advice and support to the Energy and Marine sectors, all of which uniquely positions OWM to conduct both the Gap analysis and undertake the remedial works

Immediate Actions ▶ **On Location** ▶ **Next Dry Dock**

- Complete pot water management risk assessment
- Deliver pot water management training to marine, engineering and medical teams
- Designated/Competent crew to have access to an onboard pot water monitoring kit
- Onboard Monitoring Test Kill will reduce reliance on onshore test facilities
- Maintain stock of dosing chemicals and certified spares list for water systems
- Include carbon filtration in accommodation water cooler
- Install new drinks stations with coolers
- Reduce filter size on current filtration package to improve efficiency

OWM Group
Ground Floor
3 Prospect Place
Arnhall Business Park
Westhill
AB32 6SY
Main Office: 01224 973770
sales@owmgroup.com
www.owmgroup.com