

Case study

Living Quarters Drainpipe System



POST@PIPELINER.NO +47 55 23 03 30

Extend the life of industrial pipes with a cost-effective solution.

Maximizing cost savings for customer

Client: Major North Sea Operator

Location: North Sea

Scope: DN70-DN150 Loro-X piping across 6 levels (Levels 3 to 9)

CHALLENGE

The internal sewage system within the platform's living quarters had deteriorated, impacting sanitary systems and risking leaks. The piping ran through walls, ceilings, and inaccessible shafts, making replacement extremely intrusive. Noise and downtime were critical concerns in a 24/7 operational accommodation area.

SOLUTION

Pipeliner conducted internal inspections and used a no-demolition approach to line the existing Loro-X pipes. The epoxy-based liner was installed vertically and horizontally across six deck levels, accessing pipe sections through minimal access points. All work was performed while the living quarters were in use.

RESULT

- Restored full functionality of the waste and drainage systems
- Zero disturbance to residents or operational staff
- Full HSE compliance in a sensitive zone
- Extended system life without structural intervention
- No need for flotel
- Significant cost savings for client.

WHY EXTENDING ASSET LIFESPAN MATTERS



Reduction of
Operational Downtime



Significant Reduction
in CAPEX Costs



Mitigation of
Environmental Impact



Enhancement of
Safety Standards



Improvement in
Hydraulic Efficiency