

Case study

Open Drain, System 56 Rehabilitation

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: DN100–DN250 carbon steel open drain system

CHALLENGE

The open drain system across several deck levels showed signs of advanced corrosion. This system was critical for safe handling of wash-down and rainfall fluids during operations, especially in emergency scenarios. Traditional replacement would have required dismantling grating and structure, with high safety and logistical concerns.

SOLUTION

Pipeliner cleaned and epoxy-lined the existing piping system. Work was carried out in segments, maintaining access and safety throughout the job. The system was flushed, cleaned, and relined using a multi-coat epoxy system designed for high-moisture and chemical exposure.

RESULT

- Corrosion halted and mechanical strength restored
- No need for structural dismantling or shutdown
- Improved safety and flow capacity for future operations

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