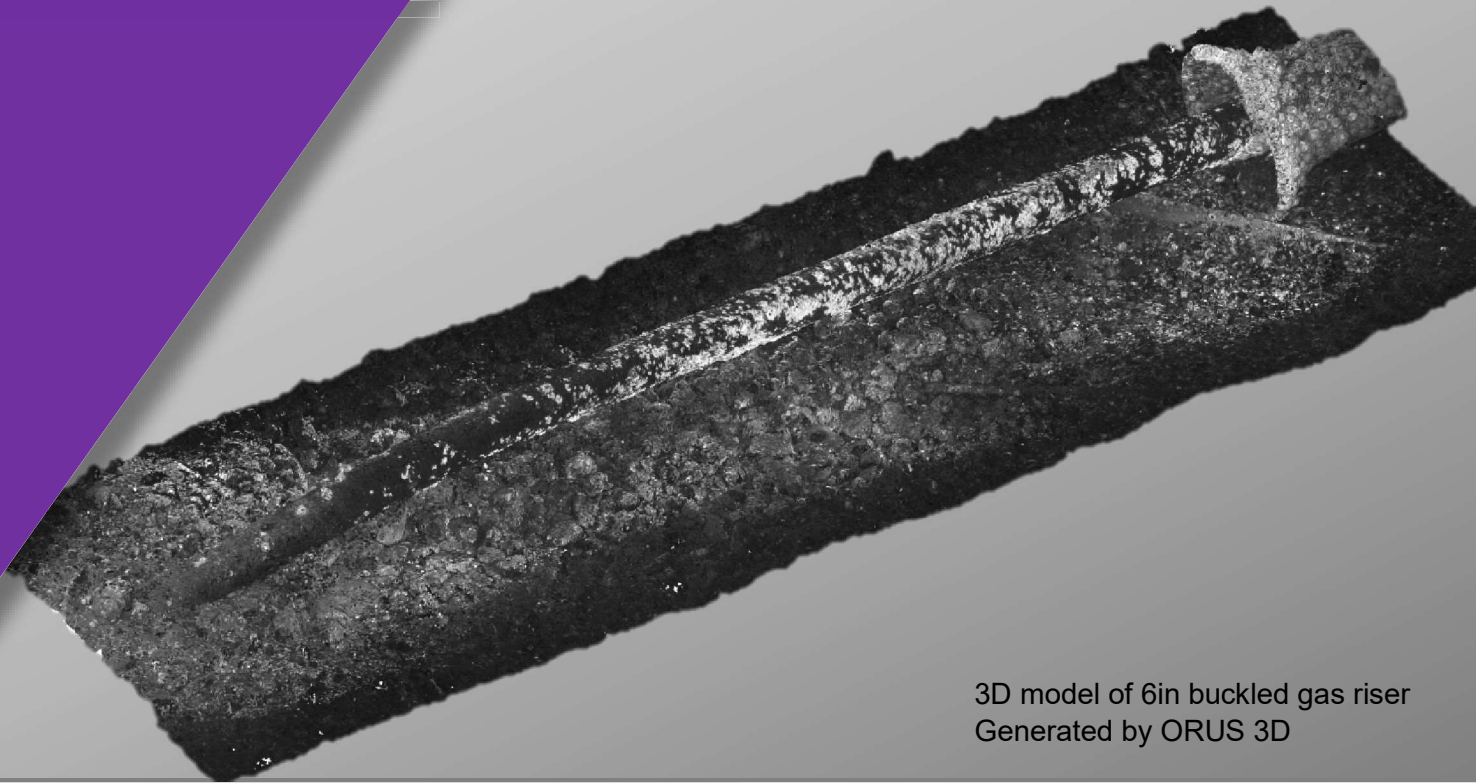


RISER DAMAGE INSPECTION



3D model of 6in buckled gas riser
Generated by ORUS 3D

Client



Project

Buckled Riser Damage
Inspection

Vessel / ROV

Skandi Skansen / WROV

Date

May 2018

Project type

Damage inspection for
dimensional control

Location

North Sea

Water Depth

30m

Scope Overview

The project consisted of two photogrammetric surveys :

- 1x 6in oil riser, 10m long
- 1x 8in gas riser, 10m long

Both risers were buckled and a millimetric dimensional control was required to enable the design and fabrication of a subsea clamp, which was subsequently installed by another contractor.

Survey duration

5 hours per riser (x2)

Processing duration

1.5 days per riser (x2)

3D Models' Accuracy

+/- 0.5 mm

