

# Case Study 7: Corrosion Under Pipe Supports (CUPS)

Corrosion under pipe supports (CUPS) is a common problem encountered in pipelines, especially those subject to highly corrosive marine environments.

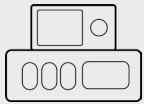
## Job Details

- 8" Loading line
- Painted pipe surface
- Pipe resting on simple supports
- History of corrosion at support locations

## Main Findings

- Four support locations were screened within the test range
- Three of the support locations were found to be corroded and their severity categorised

Equipment:



Wavemaker® G4



HD Inflation Ring



An overview of the 8" pipe under inspection.



A close up view of a corrosion under a simple support located by interpreting the guided wave test results.

