

# Fishing interaction

## Capability statement



The oil and gas industry shares the waters of the world with fishermen and problems can arise when fishing gear comes into contact with subsea pipelines, cables, bundles and other subsea structures.

## Industry specialists in fishing interaction

Jee has many years of experience of fishing interaction with subsea structures both in the waters around the UK and worldwide. We have an extensive understanding of fishing activities and have many contacts within government agencies and fishing organisations worldwide.

We help to reduce installation and operational costs by optimising cost-effective protection strategies and reducing the risk of fishing interaction.

Jee specialises in the following areas:

- ✦ Interaction and protection analyses of pipelines and subsea structures
- ✦ Assessment of fishing practices
- ✦ Dissemination of information
- ✦ Trenching guidelines
- ✦ Overtrawling of large diameter pipelines

## Breadth of experience

Our expertise extends to all phases of the life of subsea pipelines and structures, from feasibility studies and FEED to operation.

Our technical services include: fishing intensity studies, overtrawling, flume tank or full scale trials, assessment of interaction loads on pipelines and structures, communication with the fishing industry and management of joint industry projects and surveys. We have conducted research and development to design innovative protective structures for subsea assets.

## Proven track record

- ✦ Aker Solutions, 2008 – Overtrawling of wellhead protection structure
- ✦ Subsea 7, 2008 – Fishing intensity study, Channon and Barbarossa fields
- ✦ ExxonMobil, ConocoPhillips, Shell, Statoil and Subsea 7, 2005 – Overtrawling of large diameter pipelines
- ✦ Genesis, 2005 – Fishing interaction in the Gulf of Gabes
- ✦ BP, 2005 – Investigation of data flow to foreign fishermen
- ✦ Enterprise Oil, 2000 – Design basis for fishing protection of Corrib pipelines and subsea equipment
- ✦ BP, Shell and Amoco, 1998 – Trenching guidelines

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The more that can be learnt from studies and experiments, such as those exemplified and undertaken by Jee, the better for all of us.

Mike Sutherland, General Manager, Scottish Fishermen's Federation

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### List of related services

- ✦ Span vibration monitoring and assessment
- ✦ Mechanical connectors
- ✦ Trenching and non-trenching
- ✦ Joint industry projects (JIPs)
- ✦ Pigging
- ✦ Standards and codes
- ✦ Product development
- ✦ Riser analysis
- ✦ Decommissioning
- ✦ Finite element analysis (FEA)
- ✦ Computational fluid dynamics (CFD)

### For more information

To find out how Jee can help manage and implement your engineering projects, please call us on +44 (0) 1732 371 371 or email [info@jee.co.uk](mailto:info@jee.co.uk).



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