

Stress Analysis of Pipe Laying Vessel



Coflexip Stena Apache

Strainstall UK Ltd., provides an installation, testing and analysis service to the operators, manufacturers and designers of marine and offshore vessels and facilities. Clients use the services of Strainstall to be able to investigate the structural integrity, operational capabilities and fatigue life predictions of new, old and updated vessels and facilities.

The stress analysis and load monitoring services from Strainstall gives the client fast, accurate and reliable data to aid understanding of the operational stresses and event based responses of structures and systems.

Strainstall has been used by companies such as Coflexip Stena to monitor the effects of replacement components and their response due to the implied loads under operational conditions.

A multi-channel strain gauge and datalogger system was installed to monitor the main reel drum of the vessel during loading, unloading and transportation of a reeled pipeline string.

Strainstall's team of experienced engineers operate from offices in Cowes, Bath and Aberdeen (UK) and Tønsberg (Norway).



Strainstall

Instrumentation used:

- **Straingauges**
- **Multi-channel loggers**

Strainstall UK Limited
Charlton Lane
Midsomer Norton
BATH
BA3 4BE

Tel: +44(0)1761-414939
Fax: +44(0)1761-416655
Email: info@strainstallbath.co.uk
Web: www.strainstall.com