

Well Construction

Frank's Tubular Running Services (TRS) | Stress and Fatigue Elimination

ArticuLock®

Extend your Operational or Emergency Weather Window

Expro's ArticuLock technology provides Open-water, Riser, Casing or Landing String articulation, even in extreme storm conditions to;

- Expand the weather window for deployment of subsea trees, flow-bases, dual-bore risers, casing strings etc. by >400%.
- Eliminate low cycle fatigue (remove stiffness) associated with hang-off or suspending loads during riserless or open-water operations.
- Provide a contingency to allow subsea deployment or intervention operations to continue even in high significant wave height, sea-swell or loop current conditions.
- Reduce Waiting on Weather time.

Features

- 400 tonne axial capacity
- 30 Degrees of allowable articulation
- Articulation – Lockable option
- Torque through capability
- Pump through capability
- 5000 psi rating

Benefits

- Capacity to deploy subsea Trees, Flow Bases, Casing Strings etc
- Enable emergency hang-off operations in severe weather or loop current conditions
- Enables safe deployment in extreme storm weather conditions
- Facilitates Tree-Cap install / removal in mis-aligned Trees
- 30,000 ft / lbs torque rating facilitates structure orientation
- Deploy, Secure, Flush and Test capability, pressure and function test post installation
- Simple to install and operate

