

ArticuLock®

Extend your Operational or Emergency Weather Window



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Saving Rig Time

Deltatek'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

Technical Features

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

Value to the end-users

- > 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

