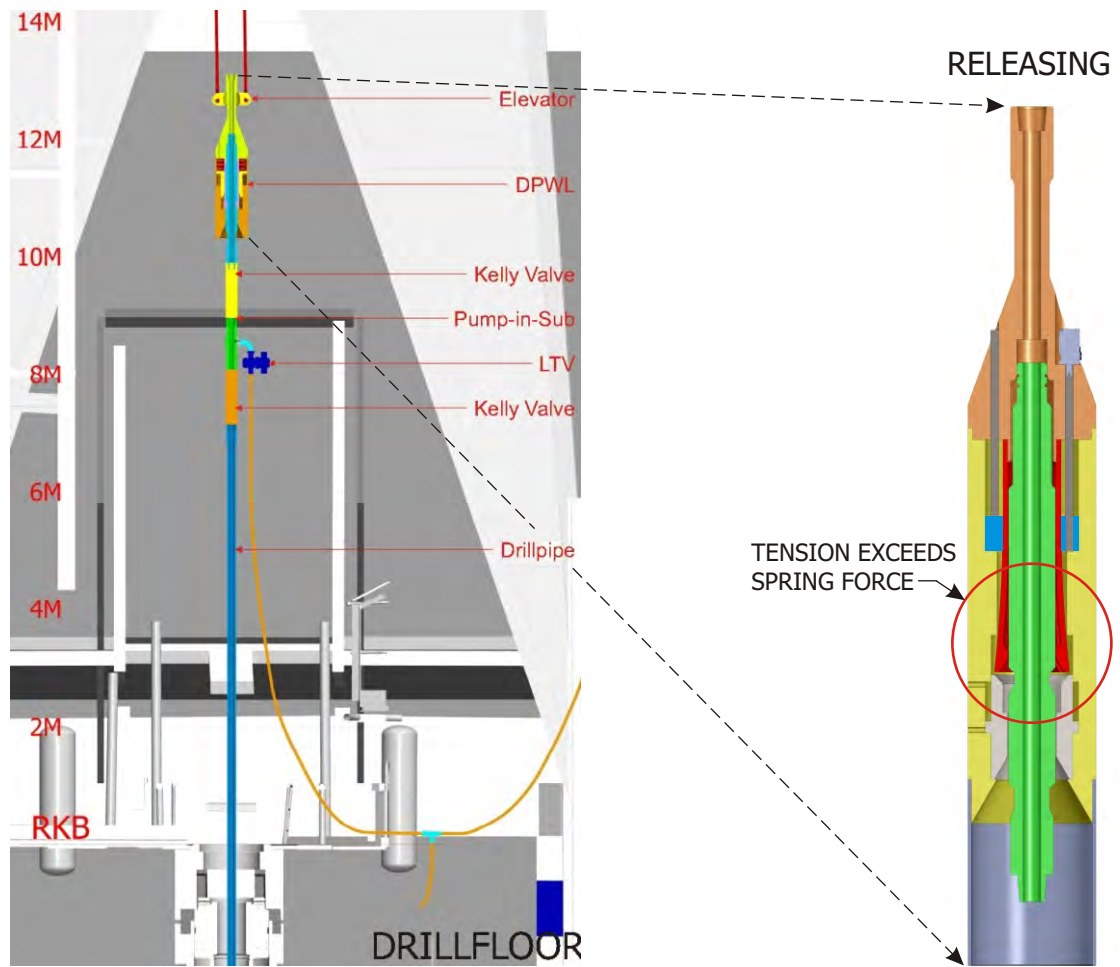


DRILL-PIPE WEAK LINK SYSTEM



General Information

DrillPipe Weak Link (DPWL) system is a passive weak link system for "locked to bottom" operations using drillpipe from semi-submersibles.

In case of a compensator lock scenario, the tool will separate at a preset tension force preventing fatal accidents, severe damage to subsea and rig equipment, and non-productive time.

Typical applications are installation of subsea casing hangers, tubing hangers and X-mas Tree's using drillpipe.

Technical Specifications

Technical

- Strong mode capacity: min 500 MT
- Safe mode capacity: 50-300 MT (adjustable)
- Torque capacity (RH/LH): equal to drillpipe
- Base case DP size: 5-1/2" FH Vam Eis
- Pressure rating: 690 bar
- Tool ID: min 2 3/4" (WL access)
- Designed in accordance to ISO 13628-7

Operational/Cost Benefit

- Prevents:
 - rupture/loss of well control equipment
 - dropped objects
 - damage to rig
 - damage to subsea equipment
- Allows for reconnect and continue operation
- Simple:
 - handling with existing rig equipment
 - design of subsea installation kit (DPLS)
 - global analysis
- Remote operated
- Strong mode for improved installation, testing and retrieval of subsea equipment
- Increased operations window during installation
- Can be operated on all rigs without modifications
- Adjustable weak link release force