

Why use Platform Mooring Connectors



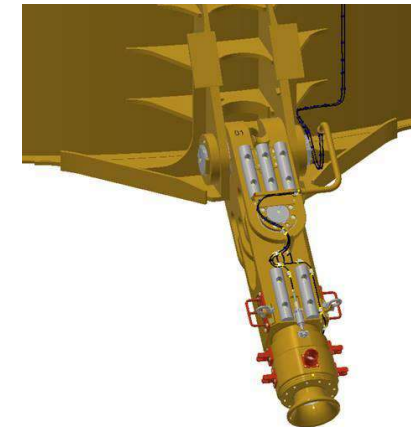
Traditional O&G Methods

- Traditional – Chain Tensioners, Chain lockers, Fairlead Assemblies are extremely expensive items of equipment
- Fairlead chain failures are higher than anywhere else on the mooring line
- Fairlead chain wear and OPB requires the mooring chain links to be re-positioned every 5 years
- Make up of connection on deck – HSE high risk
- Slow make-up connection resulting in expensive vessel time – Typical for pin connection methods



First Subsea's PMC

- Proven technology, used on WindFloat Atlantic and Kincardine
- Lean installation saving time and money. Simple and fast make-up resulting in vessel time saved.
- Smaller installation vessels
- Onshore connections saving time offshore
- Simple disconnect for maintenance, inspection or redeployment of the floating foundation.
- Can be configured for Semi Sub, Spar and TLP hull designs
- 100% Proven track record



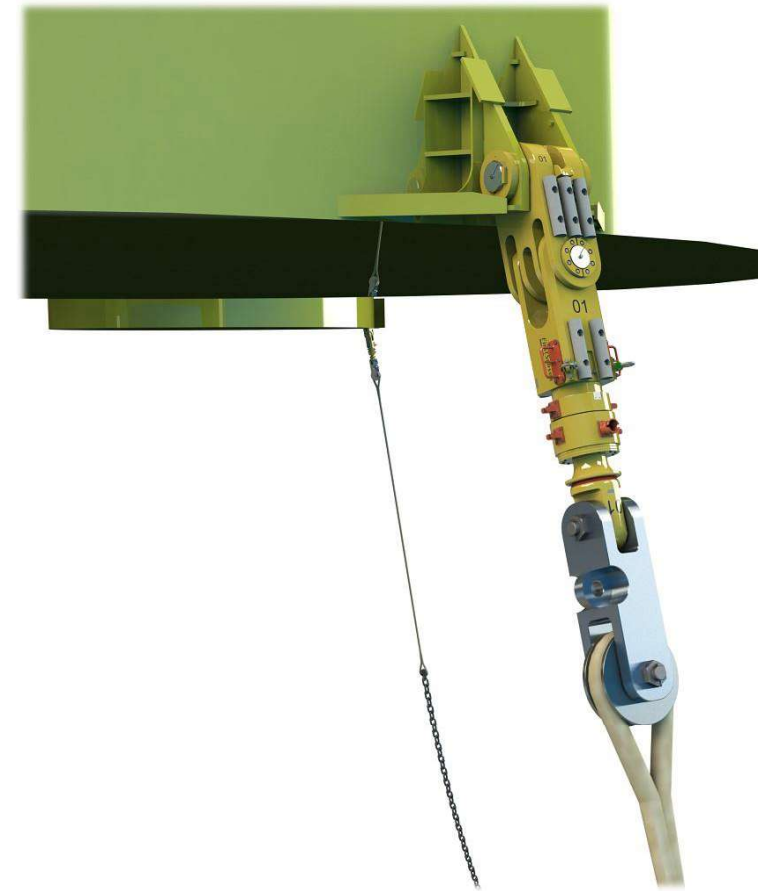
First Subsea - Always part of the solution



Platform Mooring Connector



- Operational safety
- Simple mechanical mechanism
- Positive Lock
- Proven releasable disconnection – 100% success
- Class approved connector
- Low pull in loads
- Individual multi-point grip resulting in evenly distributed loads from top to bottom
- Maintains the integrity of the pipe under high loads with evenly distributed stresses
- Grip elements in compression
- Grip is proportional to load
- Excellent in fatigue
- Self aligning
- Self activating
- No release under load
- Fully scalable design
- Resist high axial loads and rotational torque



First Subsea - Always part of the solution

