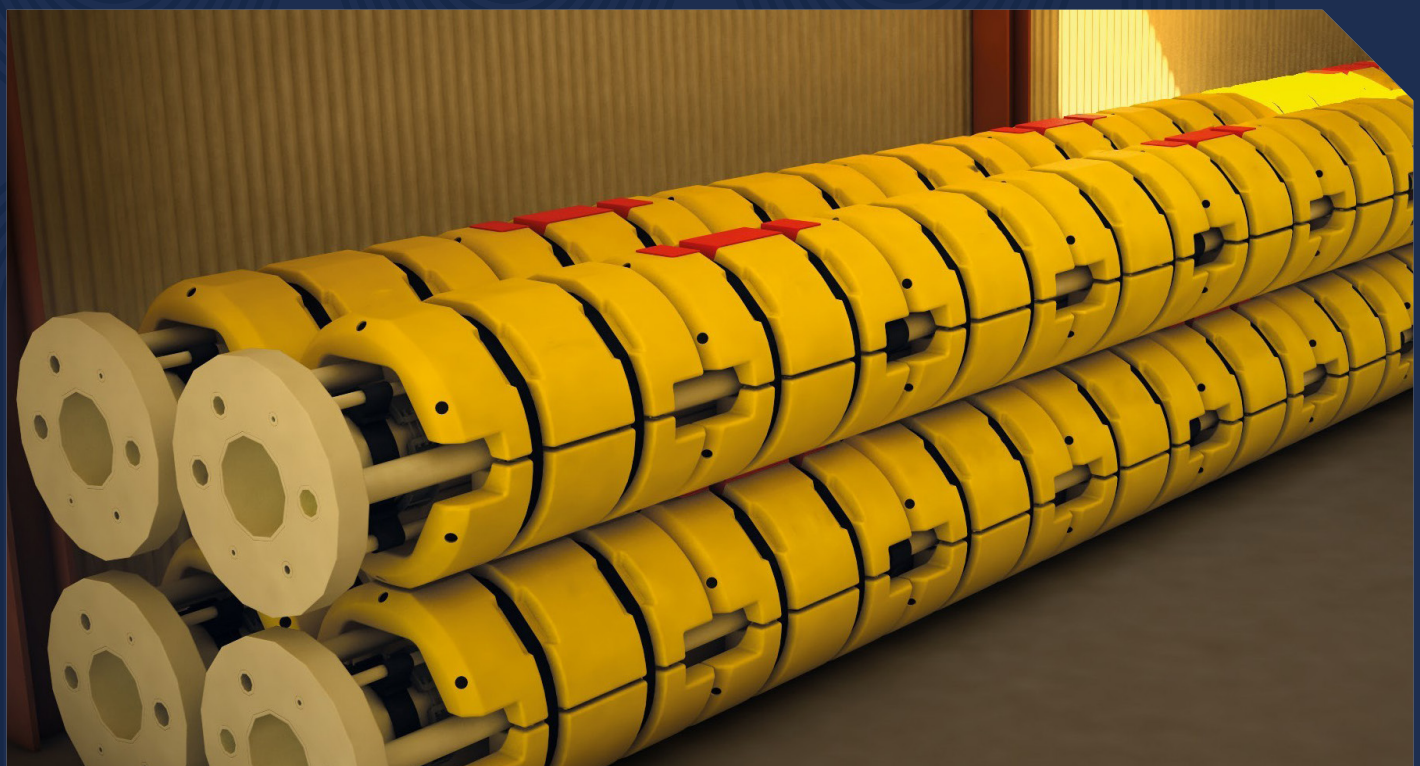
AIS

Subsea

RiserGuard

Bare riser protection system

In offshore drilling operations, the drill riser provides a conduit for the drill string from the ocean floor to the rig. However, the bare drilling riser (riser which does not have drill riser buoyancy module installed) also requires protection. Replacing traditional metallic solutions for protection of risers with a composite based modular design increases performance by weight reduction and improves safety during handling, storage and drilling operations.



Subsea

RiserGuard

The RiserGuard provides complete protection of bare riser joints and external lines during handling, storage, and drilling operations. They are specifically designed to protect the drilling riser from impact damage when running or retrieving through the moon pool area, or during handling operations in the riser storage bay.

Stackable RiserGuard

The stackable RiserGuard is a solution for rigs with limited storage space and allows stacking of various types of riser joints. It provides the same protection and handling characteristics as the standard RiserGuard while adding strategically spaced moulded polyurethane sections between RiserGuards, which transfers the load between bare joints and deck storage area. This provides the capability to efficiently store various types of riser joints while preserving valuable deck space.

Riser shim

The riser shim provides support to bare joints in critical areas of the riser joint. They are installed at intervals on the riser joint and constructed to the same external configuration as the buoyancy, facilitating the stacking of bare joints. Riser shims do not provide full joint protection but offer an economic protective solution.

AIS offer a wide range of riser ancillaries designed to complement our drilling and downhole solutions. These includes stop collars, installation hardware, grommets and pin and box protectors.

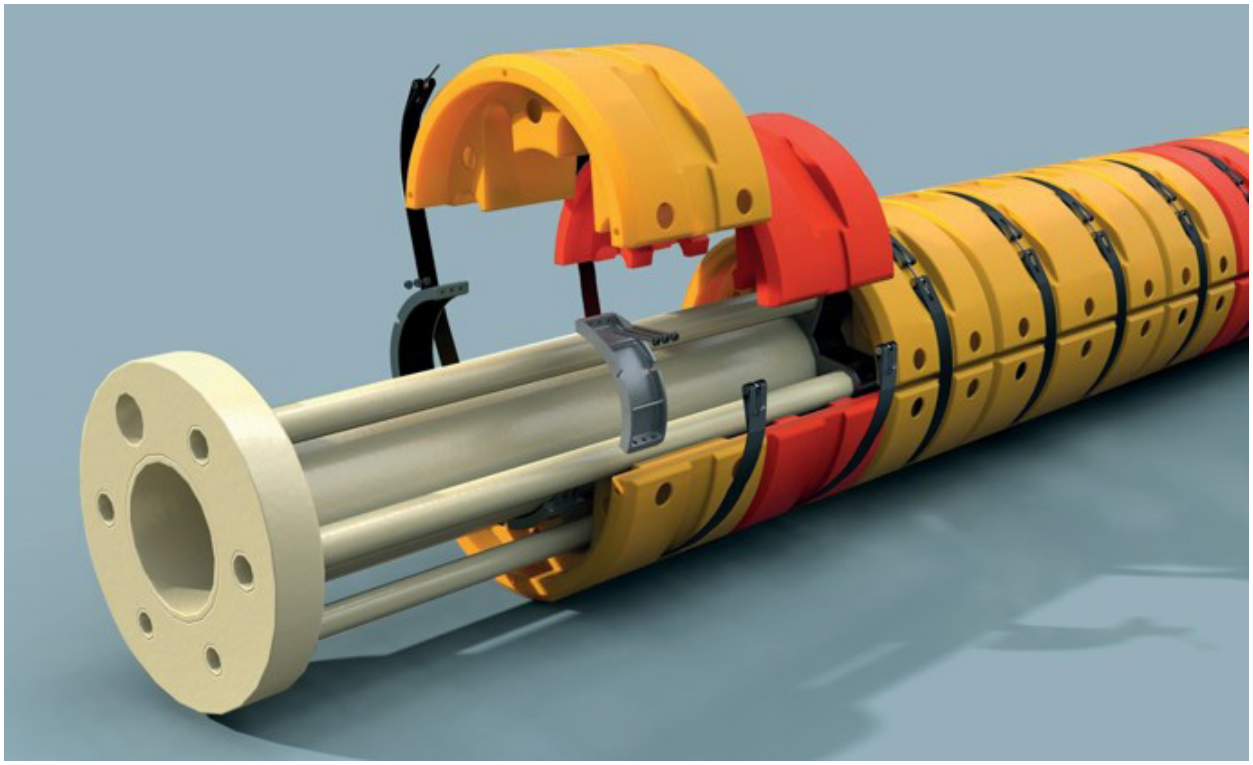
Benefits

- Complete protection of bare riser joint and external lines
- Same geometry as buoyancy
- Light weight material (neutrally buoyant/free flooding in saltwater)
- Abrasion resistant
- Impact protection
- Stackable

Applications

- Riser joints





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