

SPOOLING SHEAVE



KONGSBERG



Bolt into tow pin to prevent rotation

DECK MACHINERY

Offshore supply and service Safer deck operation Spooling sheave

CAPACITY

- Inner drum diameter is 1300 mm
- Max tension in each part: 30 tons continuous, 40 intermittent
- Max size of pennant wire coil: 200 meters of 84 mm diameter wire
- Chain up to 115 mm diameter
- Fibre rope up to 250 mm diameter
- Steel wire up to 105 mm diameter including end sockets

Purpose

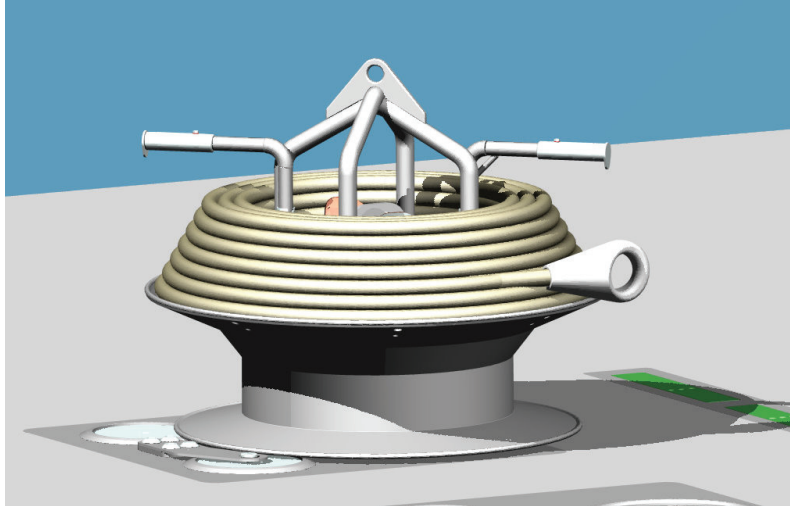
The spooling sheave is primarily developed to reduce the damaging strain on wire bent with high tension over the too small diameter. Previously, the work wire was spooled around TowPins with too small diameter for spooling large diameter wires and the result was damage to this expensive equipment.

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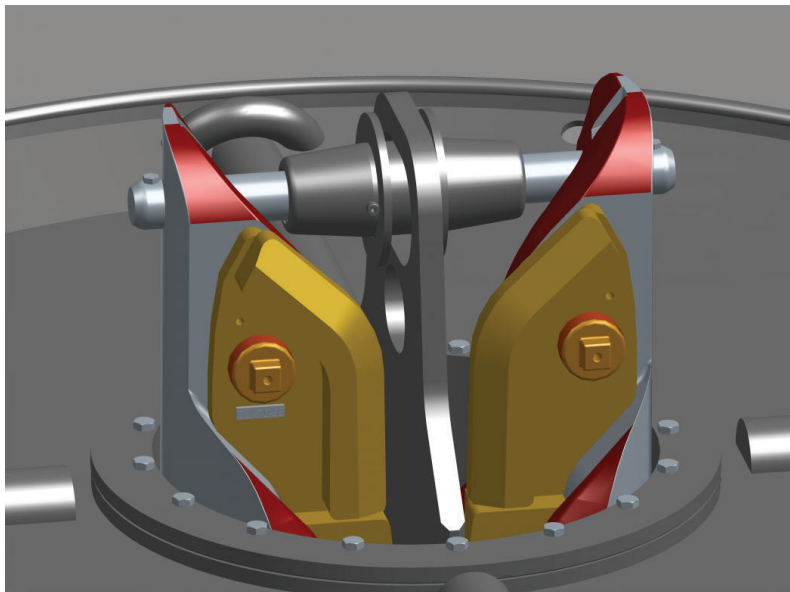
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The tower for pennant wire coils

On top of the spooling sheave, a sloping tower made of strong pipes is bolted down, the reason being that up to 200 meters of pennant wire coils can be lowered down onto the spooling sheave for controlled off-spooling. This tower is removable for easier stowage. Arms, that are normally stored inside the tower pipes, can be folded out to provide a stopper for the wire coils.



Spooling sheave with horizontal tower arms folded out and pennant wire coil loaded ready for un-coiling.



Close-up of the connection to the shark jaw.

