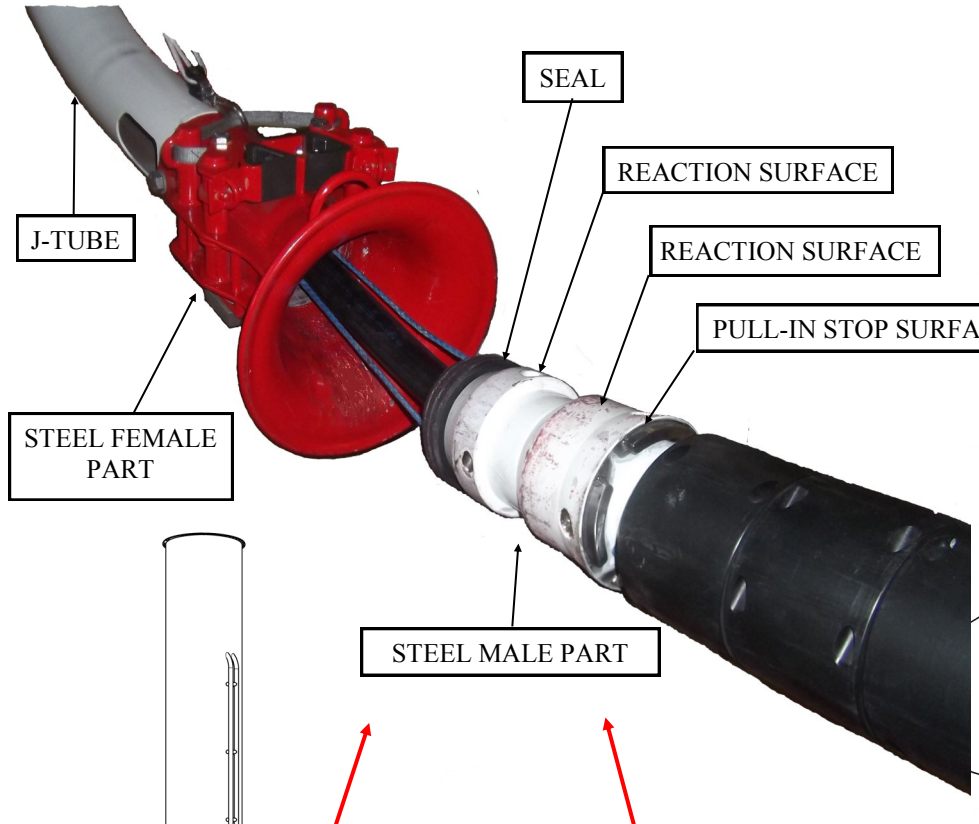
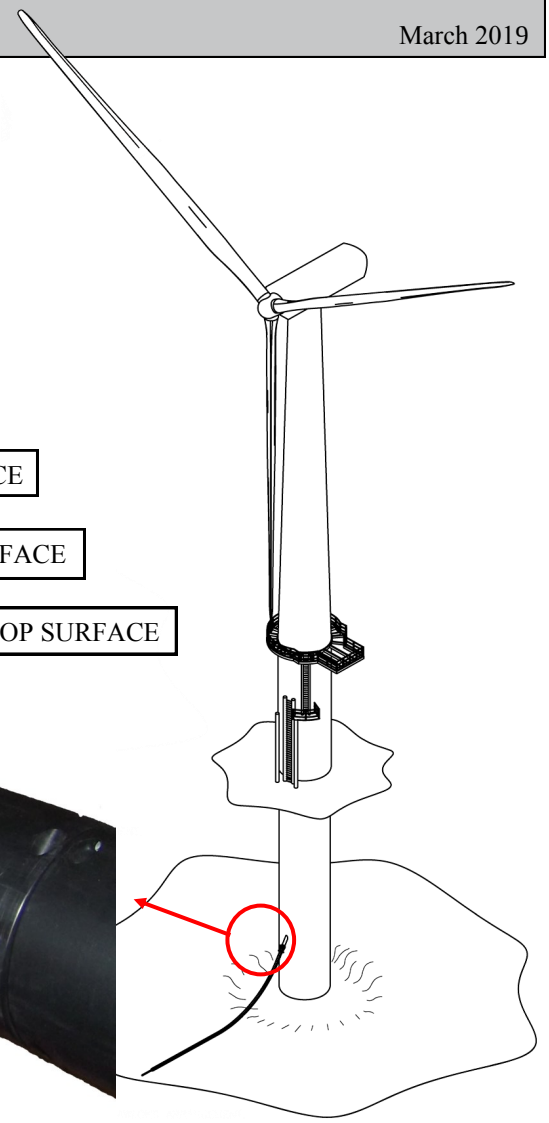
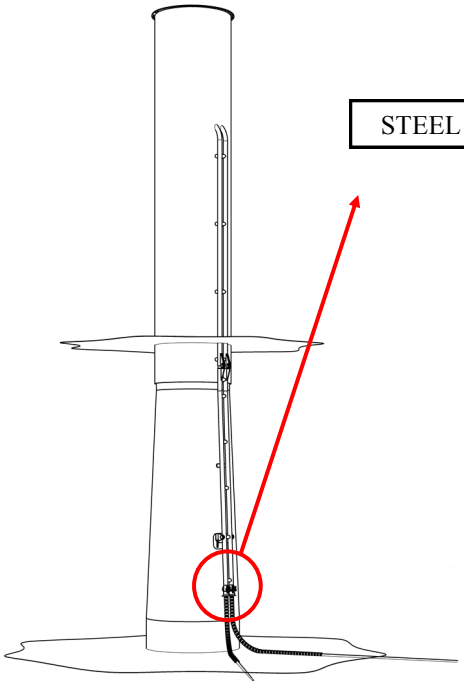
Clawloks for Cable

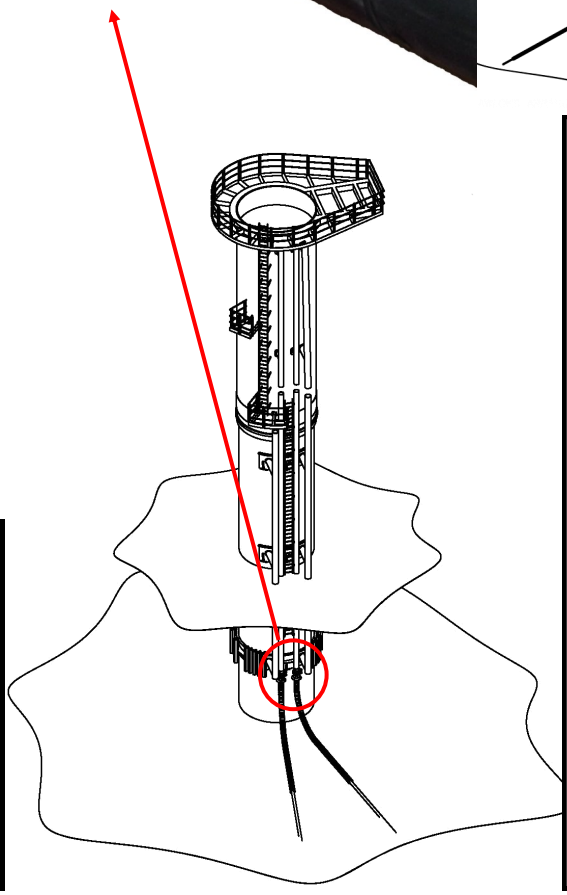
March 2019

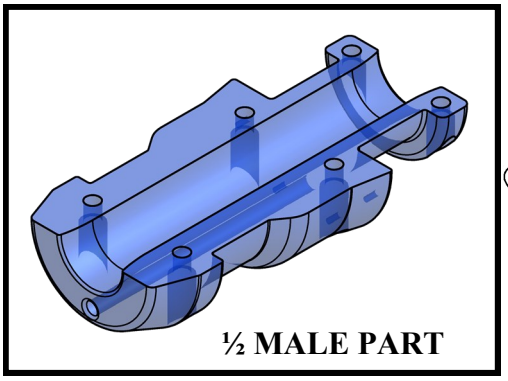
CLAWLOKS for cable is a J-tube connection system for subsea cables on windfarm foundations and and sub-stations. The system consists of a steel female and a steel male part. The design is made to ensure that a structural strong and reliable connection with effective sealing of the J-tube is achieved. The system is latched automatically by strong steel claws during pull-in of the cable. The connection can be disconnected if required at a later stage, by a simple surface pull on a rope connected by ROV.



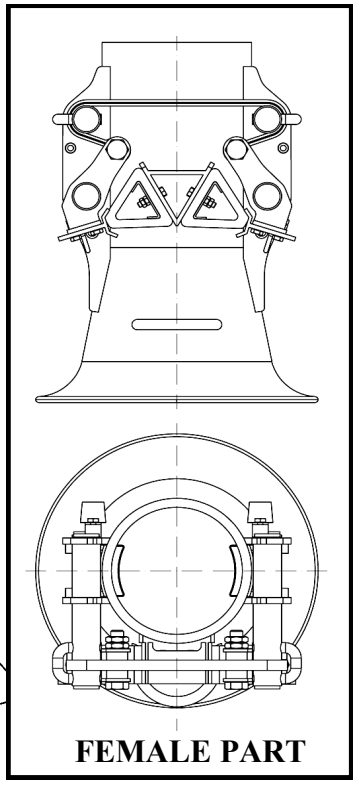








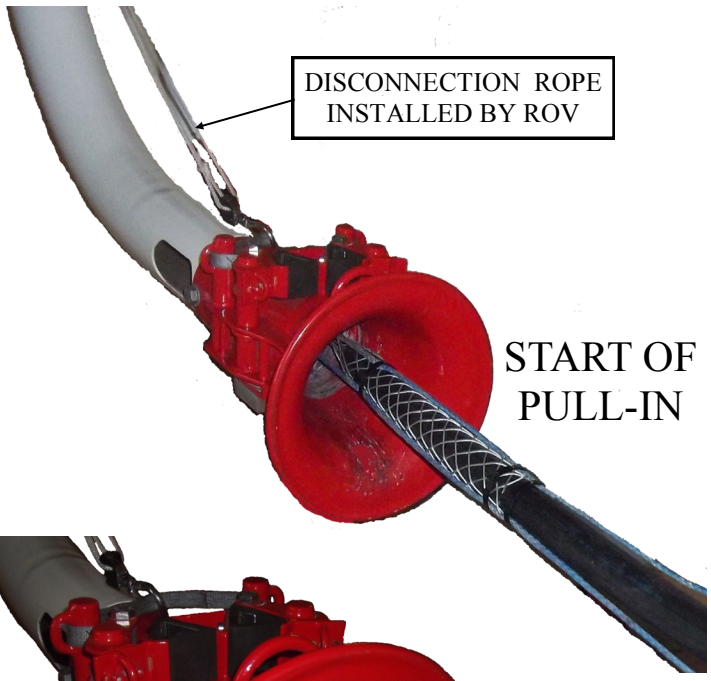
½ MALE PART

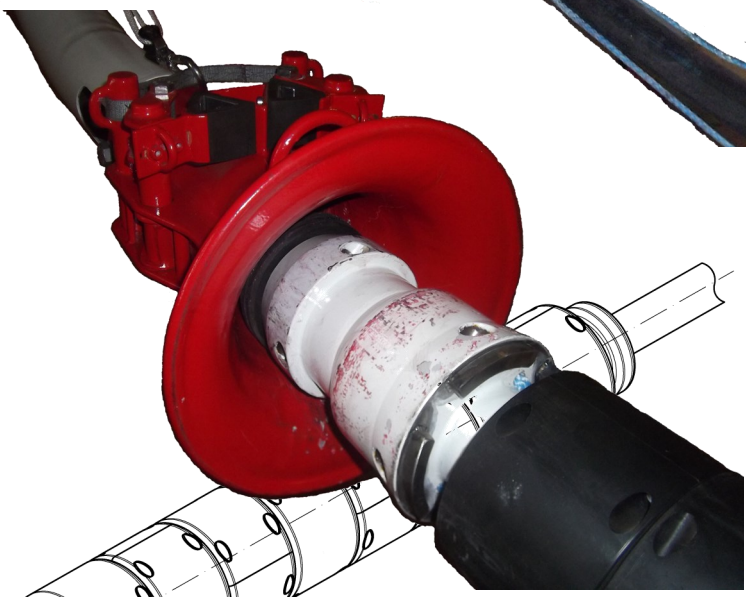


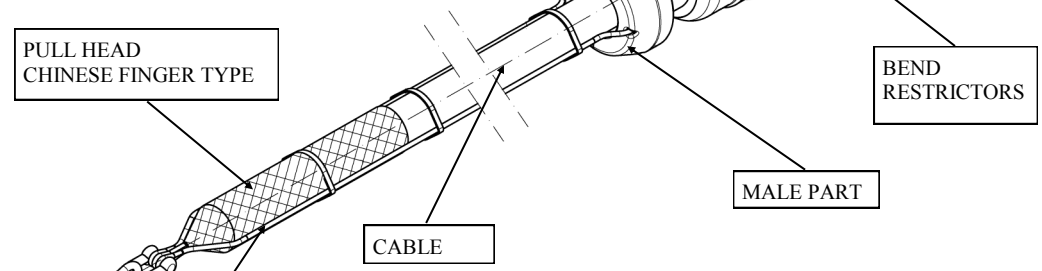
FEMALE PART

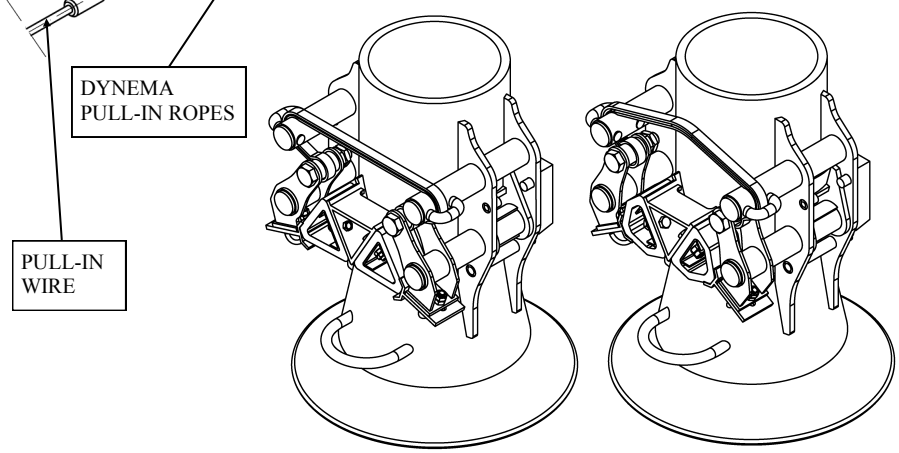
The CLAWLOKS system is suitable for static / dynamic applications and can transfer high bending loads. It provides support for bend restrictiors or bend stiffener to avoid overbending of the cable.
The CLAWLOKS system allows for pull-through of the cable therefore is suitable for both ends of typical subsea cable designs including use of quadrant lifting equipment for pick-up and pull-in of the cable over length, after laydown of cable on the seabed.
The CLAWLOKS connector has been in operation for approximately 10 years for connection and support of dynamic flexible oil and gas risers subsea at floating production and turret systems. The connector is now being introduced to the windfarm industry where there is a requirement for new strong connection systems.

For more information, please contact LICengineering A/S at nfg@liceng.dk









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