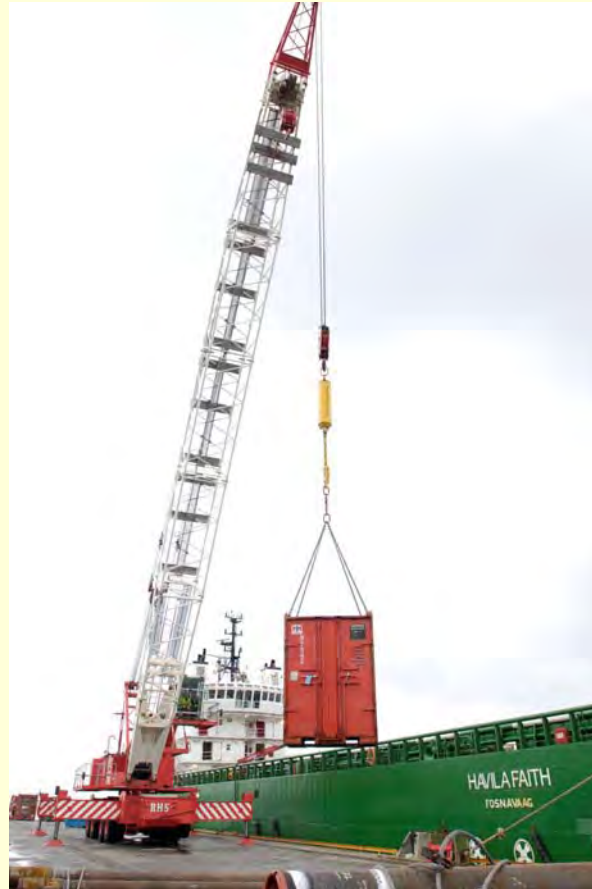


Safe Cargo Handling



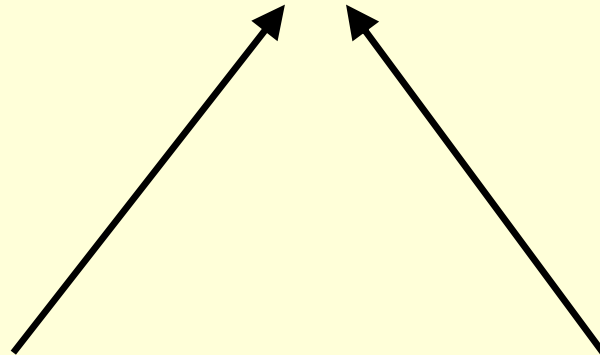
Company Structure



SECURA  LIFT AS



Ole Molaug Engineering AS



- Our objectives



- Increase safety by removing personnel from unsafe crane operations.
- Make crane operations more efficient.
- Make our products commercial on a world wide market.

Equipment



We divide our equipment in three types of products:

- 1. Hook Release System**
- 2. Gyro**
- 3. Gyro system**

Hook Release System



The benefit by using hook release system:

- Reduced injuries related to landing and release operation
- A more efficient cargo handling
- Less damage on the loading device

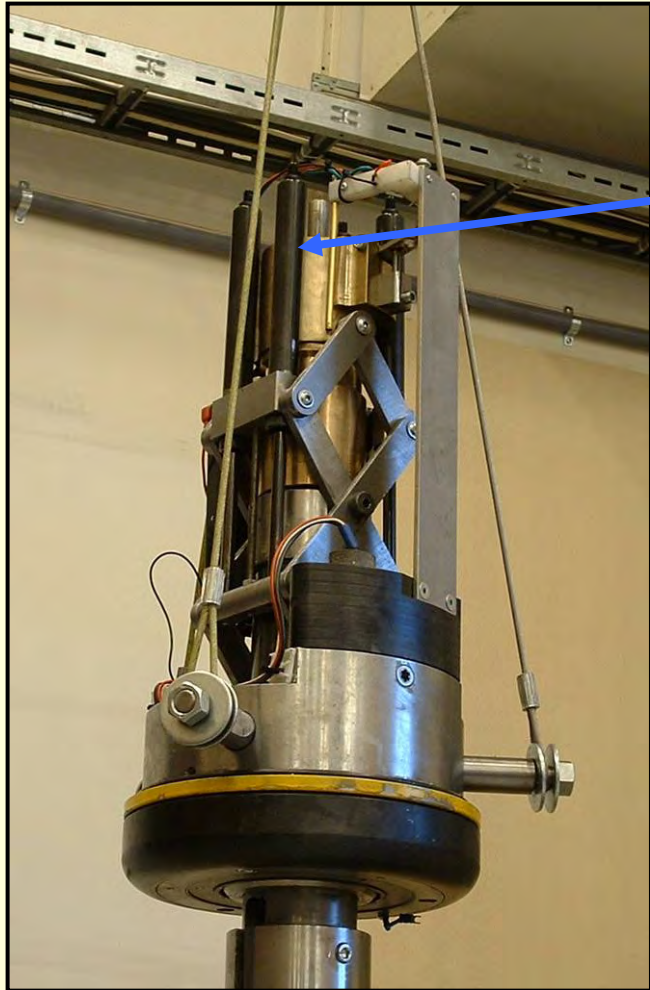
The hook at the picture is special made for offshore cargo handling.

Hook Release System



- The hook is remotely operated by use of radio signals.
- Fail-Safe System! CAN NOT release under tension.
- Designed for different SWL`s

Hook Release System

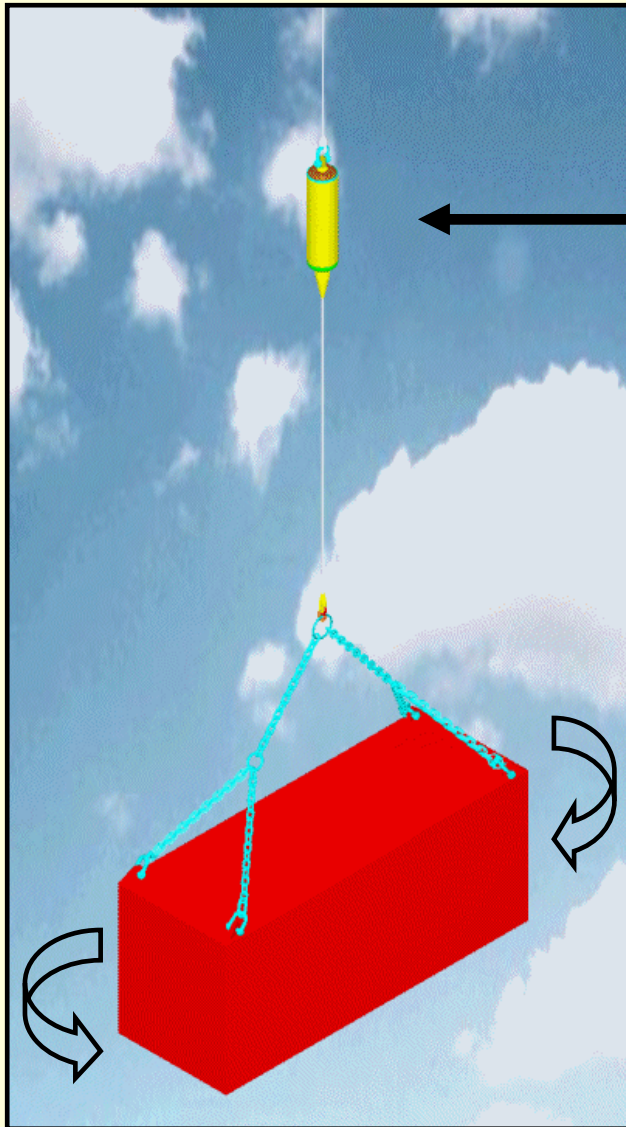


- Energy to release hook stems from 4 springs, which are tensioned when cargo is lifted.
- Battery allows for 2000 release operations.
- Docking station for charging of battery is included as part of the hook system.
- **No modifications are needed**

Typical Situation



Gyro

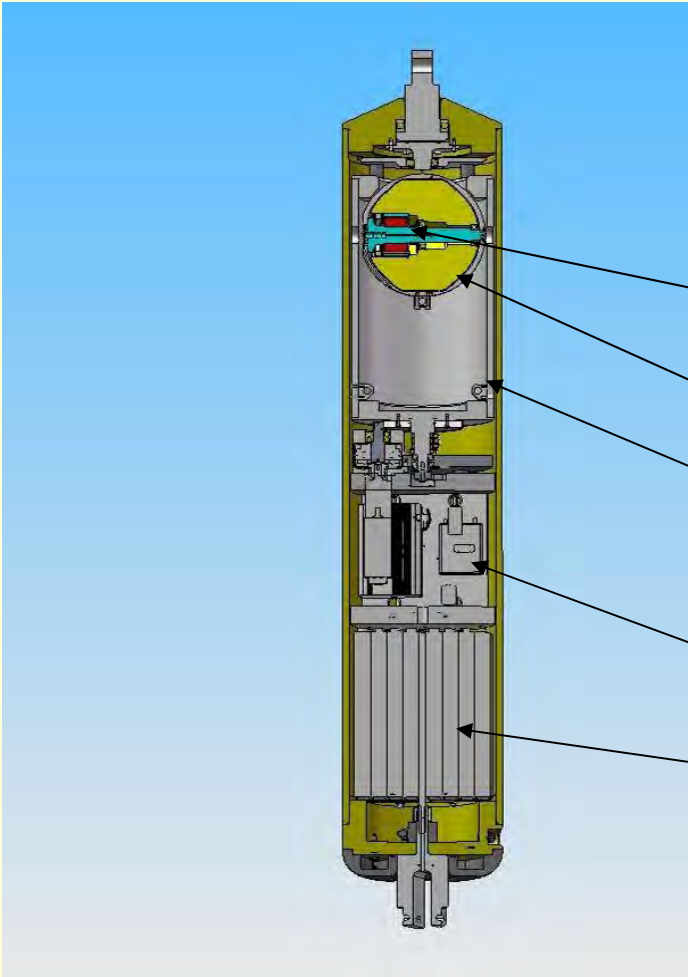


Existing whip line ball is replaced with a gyro system. This gyro enables the crane driver to position the load without human interference.

To control the gyro, we use wireless radio signal.

No modifications are needed

Gyro



- The first gyro production.
- Built for SWL 12 ton.
- Battery level up to 12 hours.

Electric motor

Gyro wheel

Vacuum, gyro house, ready for 2 Gyro wheels.

Steering system

Battery.

Gyro System



The Gyro System is a combination of Hook Release System and the Gyro.

The crane operator can position/rotate the cargo, and unhook when it is safe landed.

Gyro housing

Pennant, made by fiber, necessary to transfer torsion from the gyro to the cargo.

Release Hook.

References and support



- References Securalift equipment
 - StatoilHydro
 - BP Norway
 - Norske Shell
 - Skretting

The development of Securalift equipment is financial supported by StatoilHydro and Innovasjon Norge.

A new financial support contract was signed in November 2008. Norske Shell support capital for development the next generation gyro system.

Thanks!



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 - Thanks for your attention!