

# Torque Measurement System

## **Idea, objective:**

Big 2 stroke diesel engines up to 80.000 kW power must be driven in an optimized working point into the performance diagram of the engine. So it is every time necessary to know the current load. In contrast with standard systems, which can measure the torsion without contact to the shaft.

## **Result:**

- Development of a particular sensor
- Development of a particular camtable
- Development of a analysis algorithm
- Test of the system aboard several ships