

FLOATING CONDITION CONTROL

Ensures safe auto adjustment of floating condition and compensation of load transfer operations

Hoppe's unique Floating Condition Control System ensures its user a fast and safe adjustment of the float position, especially in challenging loading cases.

This combination of a flow-controlled anti-heeling and ballast system is combined in a central control system with PLCs. A particular advantage of this system is that the necessary operations are fully automated, but at the same time are subject to permanent system control.

Part of this control system is a loading computer to simulate and optimize the ballasting process, the SCADA system and a logging function.

CONTROL SYSTEMS

Auto Adjustment Of Floating Conditions

SIMPLY KEEP YOUR DESIRED CONDITION - FULL

The key feature of this system is to adjust the floating condition in the three degrees of freedom heel, trim and Draught automatically over a predefined path.

The system allows a flexible selection of parameters as limitations for the operation, such as bending moment limitations, tank usage, min required GMs or others.

For semi-submersible ships and floating docks this system will fully support the operators to undertake automatic docking operations safely.

Auto Compensation Of Load Transfers

FASTER AND SAFER LOADING OPERATIONS

In combination with a main crane, upending gripper, lifting arms, jacking legs or any other relative load & position tracking (Load Moments), the FCC System ensures a constant floating position during any transfer of load.

The load can be transferred along the vessel or from an external position. The application can be a ballast supported jacking operation, an offshore installation job, a load skidding transfer in harbour or other similar tasks you can imagine. Also tidal influence are taken into account at the same time.

OUR PRODUCT RANGE

CONTROL SYSTEM

- Valve Remote Control
- Anti-Heeling
- FLUME Box Tank — Roll Damping
- INTERING U-Tank — Roll Damping
- Dock Control
- Floating Condition Control

MEASURING SOLUTIONS

- Tank Content Measurement
- Bunker Management
- Draught Measurement
- Dynamic Draught and Floating Monitoring
- Maihak Shaft Power Meter
- Maihak SHaPoLi
- Fuel Consumption Measurement
- Electronic Inclinator

INFORMATION SERVICES

- Performance Monitoring
- Crew Connect
- Fleet Connect

FLEET SERVICES

- Technical Support
- Spare Parts
- Service On Board
- Retrofit

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