SENSFIB IMMS™

The SENSFIB Integrated Marine Monitoring System™ combines a number of different monitoring solutions in a single package:

**SENSFIB Hull™** for basic data acquisition from fiber optic sensor systems and interfaced systems.

**SENSFIB Fatigue Monitoring™** based on rain flow counting from actual stress histories. Extensions for low-cycle fatigue is available, as well as a data management and reporting service - SENSFIB Active Fatigue Management™

Motion sensors (6DOF) and radar-based sea state monitoring are available for inclusion in the package. A mooring monitoring front end is available for monitoring offsets and mooring related motions.

**SENSFIB Design Evaluation™** is an advisory function for tracking the actual fatigue damage accumulation compared to the fatigue design and hull response model using a spectral fatigue calculation approach.

- Fiber optic technology
- Reduced maintenance cost
- Advisory function
- Approved by leading classification societies
- Lifetime extension guidance
- Attractive ROI