



SENSFIB IMMSTM

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**

