SENSFIB Sloshing™

For LNG carriers it is important to measure liquid sloshing forces to avoid damage to internal insulation systems. SENSFIB Sloshing™ provides information and data on the occurrence and severity of sloshing. The system can be configured with a different number of sensors depending on the required information level. SENSFIB Sloshing™ combines sloshing impact data with operational data from a range of onboard data sources (navigation system, loading computer, propulsion system etc).

With SENSFIB™ Sloshing you can monitor cargo motion and make the best operational decisions based on the risks to tank integrity. The system represents a large improvement in real-time risk assessment on LNG carriers, as the system is based on direct measurements on the tanks and not a simulation model.

SENSFIB Sloshing™ is the world’s leading technology on sloshing monitoring. Our advanced fiber optic technology is approved by all the major classification societies. SENSFIB Sloshing™ is available as standalone or as supplement to the SENSFIB Hull™. SENSFIB Sloshing™ can also be customized with a prediction system.

Sloshing Monitoring
- dynamic monitoring of sloshing loads and occurrence

- Fiber optic technology
- Dynamic operator guidance
- Can be retrofitted
- Risk reduction
- Approved by leading classification societies
- Full scale operation since 2008