LMP-OFFSHORE - Stability, Monitoring and Load Management

LMP (Load Management Program) is a customizable and powerful program that can be configured to meet all your offshore Stability, Monitoring and Weight Management needs. This proven system combines rigorously tested algorithms, a user-friendly interface, and custom tools and reports to provide quick and consistent results.

Detailed Deck Plan Weight Entry
Movable Drilling Rig Definition
Lightship Modifications Tracking
Tendon Tension Monitoring / Calculation
Verticle & Horizontal CG Limit Curves
Detailed Weight Summaries
Ballast Advisory Calculations
Automatic weight, tension & environment input from control system
2-Axis Intact & Damage Stability
6-Degree of Freedom Calculations

LMP can be configured to work with semi subs, TLPs, SPARs and FPSOs
Efficient Weight Management

LMP is a PC based software that provides the capability to quickly evaluate weight management and operational limits under all circumstances.

The Right Tool for the Job

Each LMP program is custom developed by trained Naval Architects using shipyard drawings and technical data for each specific vessel. Some of the main features include:

- Intact & Damage Stability
- Longitudinal & Transverse Stability
- Automatic Ballast Calculation & Adjustment
- Ullage / Sounding Entry
- Customized Weight & Density Entry
- Customized Reporting
- Calculation of Riser, SCR, Tendon and Mooring Forces
- Interface with any Control System
- Tendon Tension Calculation
- Automatic Rig Location CG Adjustments
- Detailed Deck Plan Entry
- Lightship Modification Tracking
- Environmental Loads
- Operational Limits Comparison
- CG Limit Curves

SUITE COMPATIBILITIES:

- **CargoMax™**: create a much bigger solution for the safe and efficient operation of your fleet.
- **HECSDS—Ship Design Software**: powerful tools to evaluate performance against current (and future) regulations.
- **HECSALV™—Salvage and Emergency Response**: used in conjunction with LMP and CargoMax™.

User Driven — Endorsed Worldwide

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