

# IN-SERVICE HULL STABILITY VERIFICATION

The ABS-issued *Guidance Notes on In-Service Hull Stability Verification* addresses the common concern of owners, operators and regulatory bodies: How to effectively monitor weight control and stability in service as an alternative to traditional methods, and in a cost-effective manner.

ABS is proud to offer an effective weight control and monitoring program that enables the user the ability to monitor lightship weight and vertical center of gravity (VCG) periodically during operations.

Trends developed from multiple in-service hull stability verification tests are used to identify VCG conditions, unaccounted weight onboard and weight log discrepancies resulting in the ability to “see” the stability characteristics of a unit on an ongoing basis while operating. Results will be confirmed by ABS annually, providing a comprehensive examination of the unit stability.

## WHEN TO ENROLL

Column-stabilized units (CSU) at any stage of life cycle are suitable for the program.

**For newly built CSUs and existing CSUs that have completed a major modification** - Initial verification is carried out in conjunction with a conventional inclining test.

**For existing CSUs that are in operation** - Initial program can be calibrated using a recent lightweight survey and conventional inclining test record.



## Benefits and Savings

	Traditional Verification	In-Service Hull Stability Verification
Cost	Expensive - One-time charge in the millions of dollars	Financial savings - Potential to eliminate the need for a lightweight survey or an inclining test
Time	Inconvenient - Downtime	Operationally friendly - No downtime
Safety	Only know the VCG when the inclining is complete	Enhanced stability safety - Track VCG and verify weight control while operating

To enroll in the ABS In-Service Hull Stability Verification program, please contact [globaloffshore@eagle.org](mailto:globaloffshore@eagle.org).