Imes in conjunction with Davy Systems have over 60 years experience in the Supply and Service of Load Measurement, Monitoring & Control Systems into the Oil & Gas, Defence, Marine and Industrial Sectors.

**Systems Engineering:**

- Integrated Measurement Packages
- Multi sensor packages – Surface and subsea
- Load Measurement – surface and subsea
- Tension Measurement – surface and subsea
- Stress Measurement – surface and subsea
- Angle, position, speed measurement
- Monitoring and Data-logging
- PLC Control, Visualisation & Alarm Package

**Products:**

- Load Pins. Load Cells
- Subsea Load cells
- Load Shackles, Links
- Torque Measurement (fixed /rotating)
- Line Tension Meters
- Distance Measurement
- Telemetry Systems

www.imes-group.com
Typical Applications:

- TLP Tether tension Monitoring
- FPSO Mooring Monitoring packages
- Berthing Monitoring Packages
- Replenishment at Sea Monitoring
- Towing load and position Monitoring
- Bollard Pull test Systems
- Anchor load systems
- Drive shaft torque measurement
- Power Measurement systems
- Liquid handling load monitoring
- Buoy Mooring Monitoring packages

Torque Measurement

The Imes Group have supplied Torque measurement for drive shafts on various vessels.

Bollard Pull Tests

The Imes Group have supplied bollard pull test systems with load monitoring angle and display software.

Mooring Systems

The Imes Group supply multiple anchor, winch, chain-stopper based mooring monitoring packages for new build or as retrofit packages for existing assets.

TLP Tether Tension

The Imes Group have supplied over 9 TLP tether management systems to monitor and control the tension on the main platform tethers – designed to survive for 25 years subsea

Mooring systems

Davy Systems supply multiple anchor, winch, chain-stopper based mooring monitoring packages for new build or as retrofit packages for existing assets.