AIS

Subsea

Modular buoy

Adjustable buoyancy solution

Modular buoys are used for short and long term applications, such as weight compensation, while installing many types of subsea equipment as well as providing permanent buoyancy to mooring chains, jacket leg platforms and flowline buckling mitigation systems.



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The modular buoys have a modular design allowing the net buoyancy to be configured to meet all water depth and upthrust requirements. Each module has an engineered structural core, ensuring maintenance free performance throughout the design life. The interlocking male and female spigots eliminate the risk of the modules rotating when in use.

They have a polyethylene skin that gives the modular subsea buoys a tough exterior which protects the buoyancy core during handling and deployment. The modular buoy has a bright yellow finish and highly reflective tape, which guarantees that the buoys are easy to spot in the ocean.



Benefits

- Extensive track record and over 30 years' experience and knowledge
- Maintenance free
- Able to adjust the net buoyancy 1 kg to over 100 te
- Modular design
- Operating depths up to 3000 metres
- Configurable to meet all requirements

Applications

- Weight compensation of equipment
- Offshore installation
- Subsea structure buoyancy





Modular buoys can be used for mooring offshore vessels, compensating the weight of subsea structures and be included in the installation of subsea equipment.



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