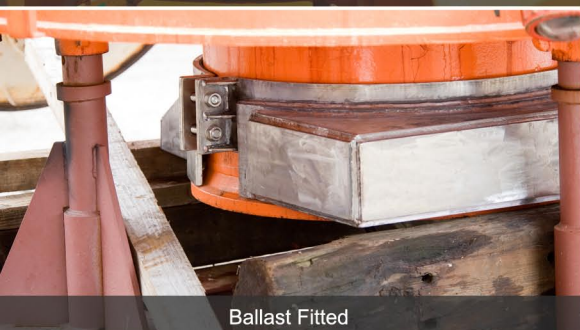




Buoyancy Blocks Successfully Fitted



Ballast Fitted



Bell Stability Confirmed at NHC

Diving Bell Stability Works

Survey, Design, Manufacture and Installation of Buoyancy Blocks and Ballast

Diving bells on a Dive Support Vessel lacked stability in terms of sub-surface release without the clump weight and client requested that MSD Design Ltd engineer a solution for the bells that would satisfy "Class" requirements.

The bells were surveyed and our engineers devised a solution which involved the application of buoyancy and ballast.

The buoyancy was manufactured from PVC foam clad with GRP and the ballast was fabricated from lead filled stainless steel.

Once the components were fitted to the bells, the units were weighed and subjected to a flotation test.

The flotation test was entirely successful and the solution supplied by MSD Design Ltd was accepted.



Buoyancy

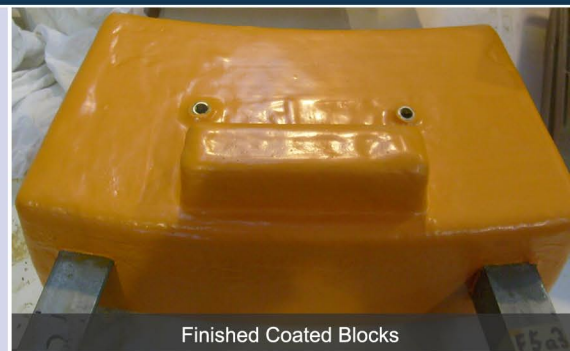
Design and Manufacture

MSD Design Ltd will design and manufacture buoyancy for surface and sub-surface applications with certified depth ratings to suit particular deployments.

Buoyancy can be produced with epoxy based materials such as syntactic foam or fabricated from specifically rated PVC sheets.

Dedicated buoyancy blocks can be manufactured from syntactic or PVC or buoyancy can be fitted/bonded to existing structures.

MSD Design Ltd can survey and develop this entire design and manufacturing package.



Finished Coated Blocks



Buoyancy Block Manufacture