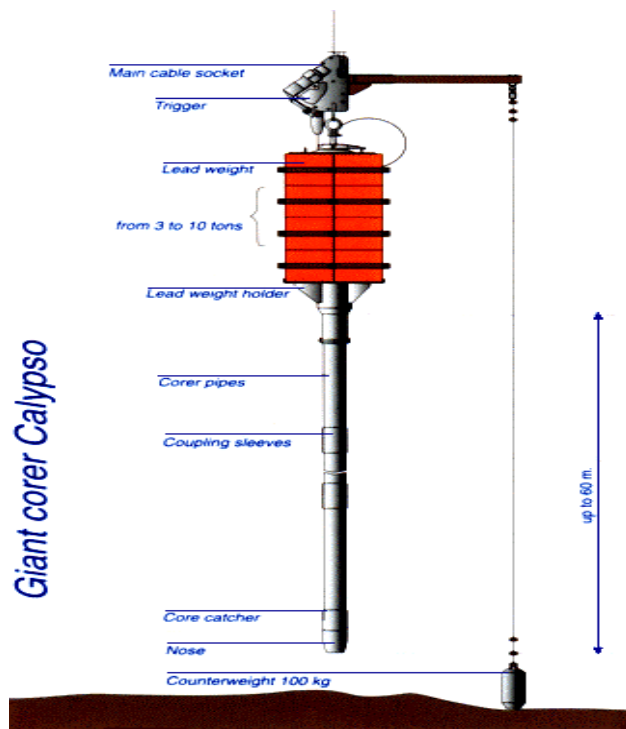


Kley France Calypso corer system

The Calypso corer system was ordered from Kley France to be equipped on the new research vessel G.O. Sars, delivered April 2003. It consists of a corer sampler with a total weight of 3800 kg, a winch/drum and a control container.



The Calypso corer is capable of making sedimental samples up to 22 meters at a depth of total 6000m, on the G.O. Sars version, and the 9 tonnes scientific winch is made for multi purpose use.

The winch and the drum is mounted on a 20ft container platform (separates into two 10ft platform to ease loading). The control is mounted in a 10ft container. In addition to this there is a 10ft corer deployment platform, hydraulic adjustable, for launch/recovery operations.

The Calypso corer is released from the main cable approximately 1 meter above sea floor. An internal wire connected to a piston at the bottom of the corer helps neutralizing the pressure at impact and also connects the corer to main cable for recovery.

The system is powered by 440 VAC/ 60Hz.