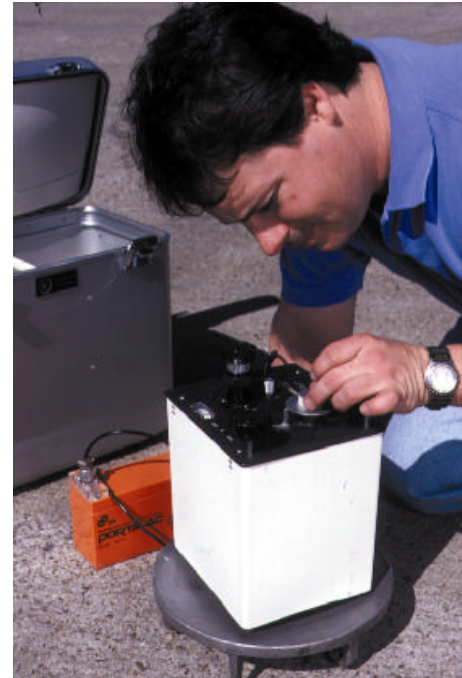
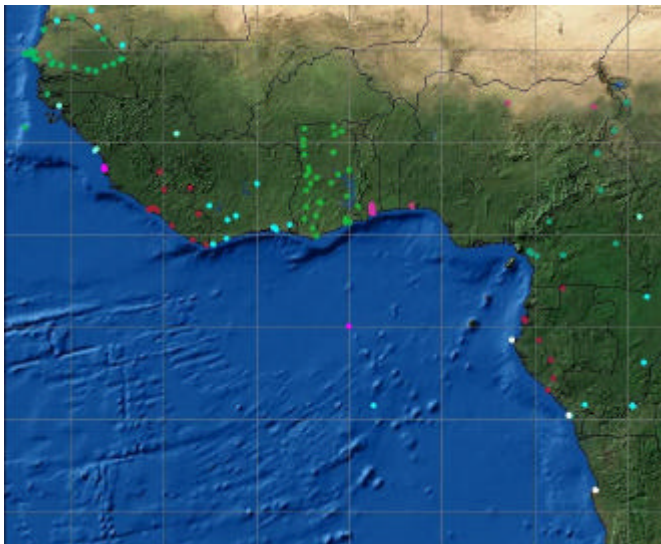


LAND GRAVITY TIES

It is often desirable to tie a marine gravity survey to the International Gravity Standardization Network to establish an absolute level for the gravity data. This is done by taking a still-reading of the marine gravity meter value whilst the survey vessel is moored at a dockside location where the absolute gravity value is known. Fugro-LCT can provide a land gravity meter to tie docking locations occupied during the survey to a known reference station by making a series of "loops" between the dockside and the reference station. Such a tie can be undertaken at any time during or after the marine survey. The time taken to achieve this tie will depend on the distance between the locations to be tied.

Fugro-LCT archive of existing absolute gravity stations in West Africa



Taking a land gravity measurement

Fugro-LCT have considerable previous experience in conducting marine surveys in all parts of the world and this has enabled Fugro-LCT to build up a substantial network of absolute gravity stations in the majority of commonly used survey ports worldwide. If a previously tied station exists then this information can be used, thus alleviating the need for a new tie. Fugro-LCT can also search for public domain information for such tie points in locations where they do not have an absolute gravity value available. As part of our service, Fugro-LCT will advise the client of the options for land gravity base ties during the survey planning stage.

FUGRO-LCT INC.
6100 Hillcroft, 5th Floor (77081)
P.O. Box 740010
Houston, TX 77274
Tel: (713) 369-6100 • Fax: (713) 369-6110
E-mail: info@lct.com

FUGRO-LCT LTD.
5 Newmarket Court
Kingston, Milton Keynes, MK10 0AG
U.K.
Tel: +44-(0)1908-286100 • Fax: +44(0)1908-286101
E-mail: info@fugro-lct.co.uk