



# Autumn Newsletter 2002

Special points of interest:

- Lankelma's Fleet expands
- PocketSI Partnership
- New Appointment for Nearshore Market
- Overwater Testing
- CPT Pocket Guide published
- Rowing at Henley

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## LANKELMA FLEET EXPANDS

Due to the growing demand for cone testing, especially in areas with soft ground conditions, Lankelma have now purchased a second crawler unit.

This brings the total Lankelma Fleet in the UK to 10 rigs.

We also have a WISON wireline penetrometer available for offshore cone testing.



Lankelma Track Truck

Lankelma's UK fleet

- 20 tonne Track Truck
- 20 tonne Crawler
- 16 tonne Crawler
- 20 tonne Truck
- 12 tonne Unimog
- 3.5 tonne Crawler Rig
- 2 Detached 20 tonne sets of rams
- 2 Dynamic probing rigs

## POCKETSI DEVELOPMENT PARTNERSHIP

Lankelma CPT Ltd and Key Systems Geotechnical have signed a PocketSI development partner agreement on the 5th of July.

The PocketSI is a handheld computer that will be used for the input of data obtained during field operations. This will enable the hand-keyed acquisition of data from rotary drilling, cable

boring, trial pit excavation and dynamic probing. Clients can get AGS data straight from the field computer e-mailed to their office.

Lankelma CPT Ltd will trial this new tool in its dynamic probing division. In its cone testing department all data is already e-mailed back to the office after finishing off each days work.

This allows Lankelma to rapidly send out reports and if necessary enable engineers to have a look at site data during investigations.

Lankelma hopes the new PocketSI will also take its dynamic probing division into the 21st Century.

## NEW APPOINTMENT FOR NEARSHORE DIVISION

We are happy to announce that Rob Gardiner will join Lankelma CPT Ltd on the 1st of September 2002.

Rob will be responsible for nearshore and overseas contracts. Rob was currently working as a geotechnical engineer at Thames Water Utilities Ltd.



Rob Gardiner

He has over 7 years of experience in site investigation of which 4 years in nearshore site investigation. Rob will have 3 dedicated overwater cpt rigs available as well as a WISON Unit for cpt and soil sampling up to water depths of 600 metres.

## NEARSHORE TESTING

Lankelma has recently performed two nearshore projects with Seacore. One project was at Gullane for the investigation of the site for a long sea outfall. This investigation consisted of 11 PCPT's up to 23m deep and 2 boreholes. This work was performed from the Seacore Skate 1 jack-up platform using Lankelma's marine CPT unit.



Skate 1

A new project started mid August in Northern Ireland for a sea outfall. In 22 metres of water 6 cone tests will be carried out up to refusal. This project will be carried out from Seacore's Skate 3 platform.

## CPT POCKET GUIDE PUBLISHED

The Pocket book is written by Hans Brouwer of Lankelma CPT Ltd. to make cone penetration testing more accessible.

In the 67 page book you will find:

- An Introduction and historical background of cone testing

- Cone penetration rigs

- Explanation of different tests that can be carried out

- Soil classification

- Piezocone tests and dissipation tests.

- Available Probes

- Foundation engineering using cone penetration testing

A free book voucher and order form can be found on our website at [www.lankelma.com](http://www.lankelma.com). This is subject to availability.

Taking Site  
Investigation into  
the 21st Century"

## ROWING DAY AT HENLEY

Lankelma and Zetica, partners in the detection of unexploded ordnance, had a day out on the water in Henley on Thames. Geophysical staff and geotechnical staff were mixed to scull singles, doubles and even quads. Lankelma's 27 foot Whaler was also brought



Quad

over to have a race on the Henley rowing track. The race was won by Zetica by a margin of 17 seconds. Lankelma's next rowing race will be the GREAT RIVER RACE on the Thames on the 7th of September from Richmond to Greenwich.

VISIT OUR WEBSITE AT [WWW.LANKELMA.COM](http://WWW.LANKELMA.COM)

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