

Coastal Observatory
Liverpool Bay
Home | Monitoring | Modelling | MapViewer

Cell : 75

Significant Wave Height:

Current Speed:

See all current data

See all wave data

Map Options:

Map Satellite

The MapViewer allows you to zoom in and out and click on links displayed spatially.

How to use the MapViewer

FerryBox Data

- Liverpool/Ireland Ferry:

Model Output

- POLCOMS IRS time series:
- ADCP Rig:
- MDHC Tide Gauge Network:
- SmartBuoy Location:
- Coastal Tide Gauges:
- WaveRider Buoys:
- HF RADAR Coverage:

Rivers

- River Flow Monitors:

Survey cruise data

- CTD stations:
- Fixed Moorings:

Webcams

- Hilbre Webcam:

Hide the sidebar

With partly more than 220 km/h the two storms "Emma" (March 1, 2008) and "Kirsten" (March 12/13, 2008) went over Europe.

"Emma" meets WERA (March 1, 2008) at the German North-Sea Coast in Büsum

Waves up to 7 metres height measured by the WERA system at Liverpool Bay. WERA HF Radar Coverage Data (yellow) kindly provided by Proudman Oceanographic Laboratory, UK.
<http://cobs.pol.ac.uk/wera/latestplots/>

WERA at CONFERENCES & EVENTS 2008

Techno Oceans 2008

April 9th – 11th, 2008
Kobe, Japan
<http://www.oceans08mtsieekobe-technoocean08.org/index.cfm>

ROW 08 Hawaii

Radiowave Oceanography Workshop
April 28th – May 2nd, 2008
Honolulu, Hawaii
www.radiowaveoceanography.org

WERA User Group Meeting

May 2nd, 2008
Honolulu, Hawaii

IEEE Oceans, Quebec, Canada

September 15th – 18th, 2008
Quebec, Canada
<http://www.oceans08mtsieequebec.org/>

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- ➡ Techno-Oceans 2008 in Kobe, Japan
- ➡ WERA User Group Meeting 2008, Hawaii
- ➡ WERA Service
- ➡ New Site for Seaview Sensing Ltd. – UK
- ➡ Oceanology International 2008 - London
- ➡ WERA Operator Seminar 2008

Co-operation with Japanese system integrator

Helzel Messtechnik has formed a business tie-up with Kokusai Kogyo Co., Ltd., the biggest aerial survey company in Japan. While the application of radars is extending to high-precision sea area and tsunami observation, both companies will promote technical development to respond to the diverse requests and jointly try to open up a new market in Asia.

Kokusai Kogyo already established a cooperative system with Nagano Japan Radio Co., Ltd., a pioneer in the field of ocean radars. However, in view of the worldwide expansion of usage, we are certain to meet diverse needs in Japan and abroad.

Kokusai has been engaged in the research and development of ocean radars for more than ten years. The company's radars have been used for ocean observation from the coasts of Tokyo Bay, Osaka Bay, Ise Bay, and many other places, accounting for the largest share in the Japanese market.

The first joint performance will be during the Techno-Oceans 2008 in Kobe, Japan:



Delegation of Kokusai Kogyo Co. Ltd. at the Helzel factory in Kaltenkirchen, Germany, middle of January 2008



Signing during the visit of Thomas Helzel in Tokyo at Kokusai Kogyo Co. Ltd. premises in January 2008



Techno-Oceans 2008 in Kobe, Japan - 9th – 11th April

HELZEL Messtechnik will present **WERA** and its capability on the Techno-Oceans 2008 in Kobe, Japan, together with our partner **Kokusai Kogyo Co. Ltd.** and their partner Nagano Japan Radio Co. Ltd. to provide best service in ocean radar matching to various needs.

Thomas Helzel will be available April 9 to 11 to present the latest developments of the WERA system. The special system version "Waveguide" for Ship-Tracking provided by our partner Atlas Elektronik will also be presented at our booth.

Helzel Messtechnik and Kokusai Kogyo Co. Ltd. are going to have regular presentation sessions at their booth which will be announced every day.

We hope to meet you in Kobe and would be pleased to welcome you at our **Booth No. 79 - 81**

For appointments with Thomas Helzel, please e-mail to helzel@helzel.com



<http://www.oceans08mtsieeeekobe-technoocean08.org/index.cfm>



Kokusai Kogyo
<http://www.kkc.co.jp/english/>

WERA User Group Meeting – May 2nd 2008

Following the ROW-8, Helzel Messtechnik will organise a special workshop for the group of WERA users and interested persons on Friday May 2nd.

Please share your experience on your WERA system with the other users and send us the topics you wish to discuss (or an abstract with the required time if you would like to present something as soon as possible therefore we can set up the detailed agenda for our WERA User Group Meeting 2008.

Matthias Kniephoff and Klaus-Werner Gurgel will be there to discuss software and hardware matters.

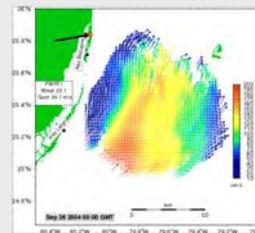
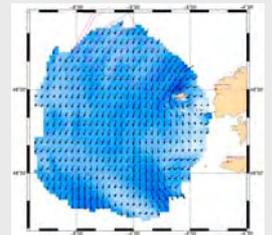
Our meeting will be held at the Jefferson Hall of the East West Center in Honolulu: <http://www.eastwestcenter.org/about-ewc/conference-center/>

As we would like to make this meeting as successful as possible for every participant, please confirm by mail to Matthias Kniephoff (kniephoff@helzel.com) whether you will attend and how many persons will accompany.

We are looking forward to your **Registration until April 11, 2008.**

There is no conference fee for this WERA User Group Meeting.

We would like to invite you to this special workshop and would be pleased to welcome you to this meeting.



WERA Service

To improve service for our existing and future WERA users, we have named for each WERA project one of our team-members as your personal contact and support partner.

The person in charge of your WERA will contact you within the next weeks and send a questionnaire regarding the

WERA System Configuration and the **Software Status** to get an impression on the status-quo.

This will give us the opportunity to guarantee a better service, exchange and support to you.



Matthias Kniephoff



Thomas Helzel



Markus Valentin



Sven Rehder



Leif Petersen

Seaview Sensing Ltd, UK partners of Helzel, have recently launched a new website evidencing the software’s capabilities and their current installations at sites throughout the World.

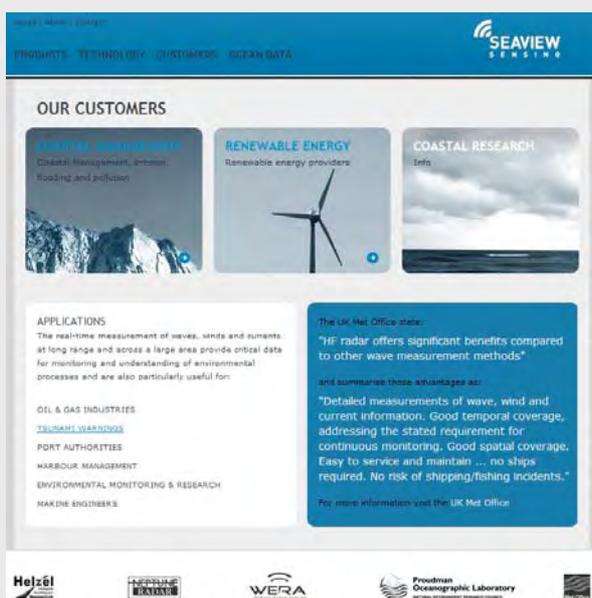
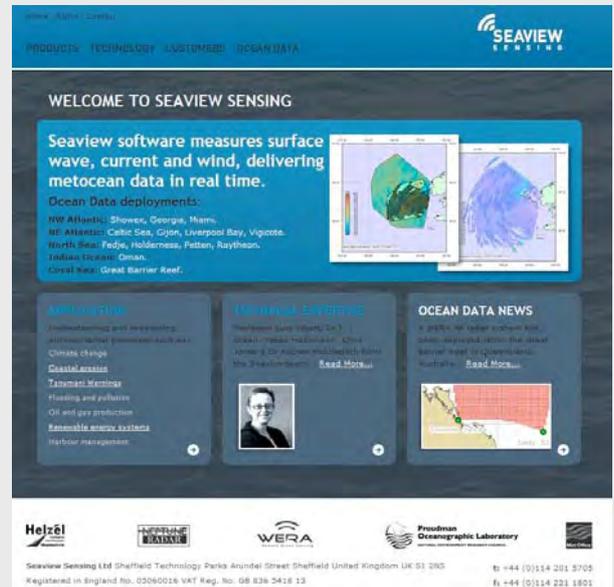
Seaview software processes phased array HF radar data to provide real-time measurement of surface wave, current and winds.

The software creates maps, time series plots and directional wave spectrum plots with high temporal and spatial resolution with coverage up to 250km offshore.

The new website, www.seaview Sensing.com shows a number of sites worldwide where the software is already in use including NW Atlantic, NE Atlantic, North Sea, Indian Ocean and the Coral Sea, Australia.

In addition there will be further updates of new installations on the news section of the site. Visit www.seaview Sensing.com for further information.

To receive news updates from Seaview Sensing email info@seaview Sensing.com



Oceanology International 2008

Last week Helzel Messtechnik GmbH and Seaview Sensing exhibited at the Oceanology International event in London where over 500 exhibitors and thousands of visitors attended over the 3 days. Staff on the stand explained to visitors how the Seaview software adds real value to the WERA system, the features it provides in addition to the standard WERA software are:

- Full directional wave spectrum measured at each grid point
- Verified accuracy of wave and current measurements
- Professional on-site installation and training
- Data viewer which allows easy access to the met-ocean data locally or online
- Data quality control & system performance monitoring
- Support services

If you did not get a chance to visit the stand and would like further information contact wera@helzel.com or visit www.helzel.com info@seaviewsensing.com or visit www.seaviewsensing.com



WERA Operators Seminar 2008

The WERA Operators Seminar at the Helzel Messtechnik factory and the WERA site at the North Sea Coast in Büsum is planned for

September 29 – October 2, 2008

The seminar will concentrate on the understanding of the physics and technology behind WERA and gave an overview on the system hard- and software structure.

Our Helzel team would be pleased to impart their WERA knowledge to the participants. Besides the theory, a hands-on-training at the factory and the North Sea Coast site, we will have an interesting week of international exchange including sightseeing in Hamburg.

We are looking forward to receive your registrations. The latest details could be found under news on the WERA homepage.



Hands-on-training at the Helzel Messtechnik factory



and at the Control Centre at the WERA North Sea site in Büsum



WERA Class 2007 at the Helzel Messtechnik conference room and at the harbour of Hamburg city during sight-seeing

