

Collaboration with Helzel for Improved HF Radar Systems



Northern Radar and ASL Environmental Sciences, Canada, and Helzel Messtechnik, Germany, have entered into a Memorandum of Understanding (MOU). The three companies have come together to collaborate on the marketing, sales, design, manufacturing, installation, maintenance and operation of oceanographic high-frequency radar systems for non-military applications.

This collaboration has led to the development of the 'WERA NorthernRadar' system – an updated and enhanced version of the 'Helzel WERA' HF radar system.

The WERA NorthernRadar is an oceanographic HF radar providing simultaneous measurement of surface currents maps, ocean waves parameters and maps and wind direction (wind speed under development). These measured data are available over long distances (more than 200km) and large areas with good temporal resolution (complete data set within less than 10 minutes) and with high spatial resolution (down to 250m).

<https://www.hydro-international.com/content/article/collaboration-with-helzel-for-improved-hf-radar-systems>
