

Helzel Messtechnik GmbH founded in 1995, specialises on the development and production of environmental and oceanographic measurement systems.

Our passion for this technology is reflected in our WERA – Remote Ocean Sensing, a shore-based over-the-horizon radar to measure ocean currents, waves and wind up to ranges of more than 200 km.

This technique provides important ocean parameters for coastal management and offshore operators as well as for research institutes. Due to the reliable high-quality of its output data, WERA enjoys a unique reputation as leading system and is installed more than 25 countries world wide.

The WERA system is the most flexible ocean radar available on the market. It is the only system that can be configured with a compact antenna system or an array type antenna.

Our dynamic team offers all required support from the definition phase of a project by assisting to work out proposals, identify suited sites for instrument installation and help to prepare infrastructure and installation of the systems.

Helzel Messtechnik provides all services and training to configure the WERA systems and software according to the operational requirements. To provide the most effective and best service for our world wide WERA users, we co-operate with local service providers.

The success of your project is our priority.

Right from the very beginning, the company holds close contact to German and international Universities and research groups. This strategy enables us to keep pace with the latest development in this fast moving field to guarantee best possible customer support with up-to-date technology.

Since 2015 we introduced the “big brother” of WERA, the HELZEL OTHR system. This over-the-horizon radar is optimized for ship tracking applications for ranges up to 200 NM.

