

HF Ocean Radar: From Down Under to Europe

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The Australian Coastal Ocean Radar Network consists of 12 individual radars installed around the coast clockwise from Central Queensland to north of Perth.

ACORN was established primarily for research and measuring coastal currents. However, some of the units are monitoring wave heights and wind directions. Some performance results of ACORN are given to illustrate the capability of the technology.

The ACORN network operates continually with data being archived in near real time into the IMOS (Integrated Marine Observing System) database, and freely available for research or commercial applications. One of the most important commercial applications of this technology is in monitoring the waters near entrances to ports and harbours