Global HF Radar

Status (March 2022)

- 72 stations in Region 1 (Europe, Africa, Middle East) reporting data in real-time.
- 182 stations reporting in Region 2 (North and South America)
- 140 radars operating in Region 3 (Asia and Oceania)

Recent achievements

- A governance structure for the HFR community has been proposed (EUROSEA D3.4)
- New release of the Copernicus Marine Service delayed-mode product dedicated to in-situ observations of water velocity with historical data reporting
- The first US operational freshwater HF radar system went fully active on October 18, 2022 (Fig. 3)
- MARACOOS HFR wave data was used operationally by the National Weather Service on October 6, 2021 during the passage of Hurricane Sam.
- The annual meeting of HFR user communities in Japan was held in December 2021 in Fukuoka.
- Taiwan, Province of China plans to increase radar coverage from 19 stations to 65 stations by 2024 (42 HFR and 23 microwave radars)

Foci for the Year 2021

- Finish work with for OceanOPS to integrate Global HFR Network in their monitoring network.