

# MIROS EMPOWERS YOU TO RUN SAFE AND EFFICIENT OPERATIONS AT SEA, LEVERAGING REAL-TIME DATA



For more than 30 years, Miros has provided accurate, reliable ocean monitoring systems to the maritime industry with the objective to enhance weather windows and operational safety in harsh offshore environments. Our expertise is measuring local environmental conditions and making the data accessible in real-time, on- or offshore. The Miros WaveFinder is a dry sensor and the only DNV-certified product on the market for alpha-factor related wave monitoring.

The value in Miros' offering lies in both increasing the calculated weather-related operating limits and the ability to operate closer to those same limits. This translates into wider weather windows, increased performance within the weather window and increased safety from accurate, real-time wave data.

## **The challenge with offshore operations:**

- High operational costs
- Time wasted waiting on weather
- Extensive use of forecast rather than real time data
- Accelerating safety risk when approaching weather related operating limits
- Lack of easily documented actual weather and impact on performance

## **The solution Miros provides:**

- Operability improvements up to 15%<sup>1</sup>
- 60-80% cost savings compared to traditional wave buoys<sup>2</sup>
- Increased safety
- Real-time data delivered to any device
- Historical weather data and performance readily available to all stakeholders off- and onshore
- 30 years of expertise in measuring the ocean surface

<sup>1</sup> For northern North-sea locations for planned operational period of less than 4 hours and a design wave height of 3.5 m.

<sup>2</sup> Based on annual buoy rental cost of USD 170,000 and a 4 hour average deployment and retrieval time.

Miros' cloud-based technology for wave and current monitoring during offshore operations gives you decision-making solutions which provide everyone involved with access to real-time data, anytime, anywhere.

*Miros Group has been a trusted provider of reliable wave & current measurements to some of the world's largest ship owners, operators and oil companies for more than 30 years.*



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