



Marine & Engineering Specialists to the Renewable Energy Sector



# Weather Windows for Construction Operations and effective Operation & Maintenance Strategy

“Safe and effective marine operations depend absolutely on obtaining the most accurate weather data available”

Speakers: **Captain Peter Hodgetts – SeaRoc UK**  
**Tim Mawhood – Nowcasting International**

**SeaROC UK** specialise in all marine operations through the lifecycle of a marine renewables project

- Site Constructability Assessment
- Vessels and Equipment – Fit For Purpose Audits
- Marine Coordination
- Construction Supervisors
- Marine Health & Safety

**NowCasting International** provide specialist environmental and forecasting services to the marine industry in support of project lifecycle

## What is a “Weather Window” ?

This maybe seems obvious, BUT.. the importance and critical nature is often missed:



Detailed and planned ‘on site’ knowledge of the weather conditions and forecast relevant to the specific activities and duration of work to be undertaken

## Introduction

- Understand The Environment
- Establish Operating Criteria
- Assess Vessels and Equipment Stringently
- Experienced Marine Coordination
- Safe Operations In Challenging Conditions
- Decisions Made On Site Specific Forecast Weather Data

## Managing Risk and Effective Working

- Improve Safety and Efficiency
- Improve Up-Time For Operations
- Identify Weather Windows and Down-Times More Accurately
- Maximise Resources
- Ensure Weather Awareness

*“Hit the bottom line directly by taking risk out of the process”*  
(Dr. Mark White – CEO – Nowcasting International)

## Whole Lifecycle

- Site Selection
- E.I.A. Process
- Construction Phases
- Operation & Maintenance Strategy
- Decommissioning

*The value of collating the historical data*



Marine & Engineering Specialists to the Renewable Energy Sector

