



Capability Statement

Wave Rider Metocean Measurement Campaign

Client: CMR Marine



REQUIREMENTS

The deployment and related data analysis of a Waveride DWR-G4 within Saldanha Bay. The oceanographic data was required for validation of wave conditions during the pipe pulling and installation phases of the PLEM base structure for the Saldanha Bay LPG Terminal and Storage facility.

WORK DONE

- The deployment of the Waverider for three separate periods, each for a maximum of 20 days.
- Supplied quality controlled data obtained from the Wave rider on:
 - ⇒ Wave height
 - ⇒ Wave period
 - ⇒ Direction
 - ⇒ Peak spread

- Real time monitoring and collection of data.

OUTCOMES:

Lwandle produced a detailed data report commenting on the activities carried out and the relevant data analysis. The Datawell Waverider was successfully obtained for a total of 34 days and quality controlled and raw data was supplied to the client.



“Metocean monitoring campaign using a WaveRider in Saldanha Bay for the installation phases of the PLEM base structure”