



# Engine Vibration Measurement

## Henderson, Western Australia

### PROJECT OVERVIEW

#### Project Scope:

- EDC was engaged to perform engine vibration measurements on a clients Patrol Boat to investigate high vibration at high rpm.
- Measurements included acceleration and displacement measurements.

#### Challenge:

- Capturing both low frequency data from ocean induced vibration, and high frequency data from engine firing vibration simultaneously.

#### Success:

- The low and high frequency engine vibrations were captured for the full rpm range.
- The natural frequencies of the engine were captured and provided input to finding a solution.

**SITE:** Henderson

**DURATION:** Jan 2023 – Feb 2023

