A global leader in smart technologies and complete lifecycle solutions for the marine and energy markets
Milestones of Australia, New Zealand & Papua New Guinea

Pre-1989
- Detroit Diesel acts as sales agent for Power Plants

1989
- Wärtsilä Diesel identity formed, office in Granville, NSW opens

1992
- Local Marine Sales Business originates in WAU

1994
- Local Energy Sales Business originates in Perth, WA

1995
- Office opened in Townsville, QLD to support installation & commissioning of Lihir

1997
- Perth, WA branch office opens & 2 Stroke Engineer develops SULZER Business

1999
- Granville, NSW office relocates to Huntingwood, NSW, Service office opens in Wellington, New Zealand

2002
- S&B Business part of WAU after global acquisition, Propulsion service established

2008
- Wärtsilä PNG office inaugurated
Milestones of Australia, New Zealand & Papua New Guinea

2009  Relocation of Perth, WA office to Henderson
2011  WA Workshop certified as Woodward Governor Service Facility
2013  Implementation of EDL LTS agreement, mobilisation of on-site team at McCarthur River Mine
2014  WA Workshop certified as Napier Turbocharger Service Facility
2015  Implementation of 3yr agreement with Newcrest, mobilization of on-site team at Lihir Gold Mine
2017  WAU signs first EPC project with AGL, located in Adelaide, SA (12x 18WV50DF)
2018  WAU renews agreement with Newcrest; WAU signs O&M contract with NiuPower for 5+5yrs tenure (6x W20V34SG); WAU signs 'M' agreement with AGL for 10 yrs; Huntingwood workshop certified as ABB Turbocharger facility
Australia and Papua New Guinea in a nutshell

- One network company, has operations in 3 countries and comprises more than 100 professionals.
- An installed base of 1400 MW combined Energy and Marine
- Field service flying squad of more than 20 specialists, of which 25% have offshore certifications
ENGINE SERVICES: Provides complete global services from maintenance to upgrades and retrofits for 2-stroke and 4-stroke engines and related systems for multiple brands.

ELECTRICAL AND AUTOMATION SERVICES: Offers modernisation, electrical and automation solutions that improve performance, enhance safety, extend the product lifecycle and minimise risks.

PROPULSION SERVICES: Provides the parts, repairs, maintenance and modernisation solutions, like Wärtsilä EnergoFlow and Wärtsilä EnergoProFin, to keep propulsion systems running efficiently.

TURBOCHARGER SERVICES: A well-maintained and performance optimised ensures maximum fuel efficiency turbocharger and prevents unexpected operational costs.
WAU Management Team

Rey Santos
Managing Director
GM Country Operations

Manager FS/WS
Tedd Gui
Manager QEHS
Andrew Segula
Manager Agreements
Vasantha Herath (AU) Jaya Padma (PNG)
Manager HR
Clarita Pascual
Manager EB Service Sales
Ashar Khan
Manager MB Service Sales
Mikko Mannerkorpi
Energy Business Sales
Suraj Narayan
Quality, Environment, Health & Safety, Security

The health, safety and security of employees and partners as well as environmental protection and customer satisfaction are priorities for Wärtsilä.

Wärtsilä promotes the continuous improvement principle and has a certified QEHS Management systems:

- ISO 14001: 2015 – Environmental Management System
- ISO 9001: 2015 – Quality Management System
Our services

We provide the broadest portfolio and best services in the industry for power plants and marine customers in Australia, New Zealand and Papua New Guinea: expertise, proximity and responsiveness for all customers regardless of their equipment make.

The range of services include:

- OEM Field and Workshop Services & Spare Parts for Wärtsilä, Sulzer, Nohab, GMT, ISOTTA, Deutz Marine, SACM, Crepelle, Wichmann, Stork Werkspoor, Bolnes Engines
- Technical support for all above engine types
- Hamworthy products
- Whessoe – Process Control Technology
- Trouble shooting and site audit services
- Upgrades, modifications, relocations, fuel conversions
- Environmental and Safety solutions
- Operation and Management of customer installations
- Electrical & Automation Services
- Propeller upgrades
- Seals & Bearings
- Training

- Engine
- Propulsion
- Electrical & Automation
- Sales & Bearings
Our Workshop is equipped with the following:

- Valve grinding machines
- Chris Marine VRL and VSL machines
- Chris Marine CPL Machine
- Ultrasonic cleaning machines
- Turbo washing machine
- Chris Marine Cylinder liner honing machine
- Water blasting machine
- Sand blasting machine
- Turbocharger Schenck Balancing Machine
- Engine block liner landing grinding machine
- Engine block machining for re-sleeving
- Machine shop (Lathe, drill press, etc)
- Hydraulic press
- Welding and oxy acetylene
- 1 ton overhead crane
- 5 ton overhead crane
- Forklift
- Fuel Pump Room:
  - Lapping machine
  - Test bench for injectors
  - Fuel pump calibrating tool
  - Balancing machine for small rotor shafts
Machining of cylinder head sealing faces
Injector calibration
Fuel pump overhaul
Quality check before despatch
Cylinder liner honing
Sydney Workshop (Huntingwood, NSW, Australia) – Turbocharger Servicing Facility

- Turbocharger Balancing machine
- Blasting Machine
- Balancing rotor shaft
- Reading calibration
WÄRTSILÄ IN AUSTRALIA, NEW ZEALAND & PAPUA NEW GUINEA

Port Moresby Office

NiuPower Port Moresby Power Station
6x W20V34SG – 54MW

Lihir Gold Mine
12x W18V32 – 78MW
10x W20V32 – 80MW
2x W20V32 – 17 MW

Simberi Gold Mine
7x W9L20 – 11MW
NiuPower Site

Site inspection of the ongoing construction

Aerial view

Site overview

Completed construction
Lihir Island Mine Site

IPS Barge

Aerial view of the DPS

Engine hall of the DPS

Lihir / Wärtsilä workshop
Lihir Island Mine Site

Electricians checking the input signal from the BEB sensors to Centri – Processing Unit

Cleaning the hot box area

Measuring the cylinder liner bore

Tightening the pistons crown to the skirt to specified torque in the engine room
Simberi Mine Site

Back side of the engine containers

Overview of the site

Ongoing maintenance of the engines
EDL McCarthur River Zinc Mine, Darwin, NT

Overview of the site

Radiator section of the power station

Engine hall
WAU Field Service and Workshop Capabilities

Field Service Competencies/Services:

- Engine Overhauls & major repairs, 4S
- Engine Overhauls, 2S
- Engine rehabilitation services
- E&A Services
- Turbocharger services (ABB)
- Turbocharger services (Napier)
- Propulsion services
- S&B services
- In situ block machining services (block seal face)
- In situ block machining services (block sleeving)
- Installation & commissioning
- Whessoe tank gauging services
- Engine, E&A & Systems Audit services
- Engine, E&A & Systems Upgrade services
- Gas tuning

Workshop/Services:

- Engine component standard overhauls, 4S
- Cylinder head exhaust pocket machining, 4S
- Cylinder lining honing services
- Ultrasonic cleaning of charge air coolers
- Cylinder head sealing face machining, 4S
- Turbocharger overhauls
- Turbocharger rotorshaft balancing
- Governor services (Woodward, Europa, Diesel Kiki, etc)
- Geislinger Damper services
- Fuel pump overhaul & calibration
We supply original parts (OEM) for all these engines and propulsion systems brands:

Wärtsilä, Sulzer, DEUTZ marine engines, Nohab Diesel, Wärtsilä Diesel, GMT, Wichmann, LIPS, Japan Marine Technology, Deep Sea Seals, SACM, Stork SW Diesel, Crepelle, Nordberg, Poyaud, Bolnes, Whessoe

We also supply parts from original manufacturers suitable for engines, boilers, auxiliary systems, propulsors, electrical & automation systems and navigation systems.
Our service partners

QuantiServ

QuantiServ offers specialised, fast and reliable support, maintenance and repair services for customers operating Wärtsilä and third-party equipment in the marine and energy sectors.

- Reconditioning
- In-situ machining
- Mobile teams
- Metal stitching and specialised welding
- Epoxy resins
- Dry-docking support

QuantiParts

QuantiParts trades OEM spare parts for selected Wärtsilä 4-stroke engines for marine and energy customers worldwide.

QuantiParts provides 24-7 services and support with leading technical know-how.
This is Wärtsilä

Wärtsilä is a global leader in smart technologies and complete lifecycle solutions for the marine and energy markets.

2018
- Net sales EUR 5.1 billion
- Employees 19,200
- 200 locations in 80 countries
CLEAN ENVIRONMENT
A future without emissions or pollution

MARKET SHAPING & INNOVATION
A union of new technology and business models

ENERGY INTELLIGENCE
An optimised way of producing and using energy

WÄRTSILÄ’S PURPOSE
is to enable sustainable societies with smart technology.
Wärtsilä visions – from new build to lifecycle services

SMART ENERGY
Towards 100% Renewable Energy

SMART MARINE
Smart Marine Ecosystem