Due to the amount of unplanned dry docks and overhauls, spare parts and emergency services are required at even shorter notice than before. At the same time, owners are put under ever increasing pressure with the need to achieve higher vessel utilisation.

**AROUND THE WORLD, AROUND THE CLOCK**
At Wärtsilä Seals and Bearings we believe that the speed of delivery is vital for our customers’ business, and we ensure that our support meets our clients’ demands. Our global network means we can deliver spare parts and services extremely quickly, helping you avoid any unnecessary downtime.

**SECURING VESSEL UPTIME**
To ensure short lead times, Wärtsilä Seals and Bearings has products available off the shelf in strategic stock locations around the world. Raw materials are also stocked to support quick delivery for bespoke products. More importantly, our global network of service engineers can be deployed within 24 hours of notification by the customer, to ensure the customer is given the essential support they need.

**EXPRESS PRODUCTS**

**WHITE METAL BEARINGS**
- 3 day* delivery (industry standard is 5 to 6 weeks)
- Express replacement for shafts sizes up to 750 mm
- High-quality cast iron construction lined with white metal using an advanced centrifugal casting process

**LIP SEAL RING KITS**
- Off-the-shelf for immediate shipping
- Spares kits stocked globally to support a fast turnaround
- 3 day delivery for other spare parts
- 1 week assembly for a standard seal

**STERNGUARD SEAQUAL SPARES**
- Express service; reduced asset downtime
- Underwater servicing; no dry dock fees
- 3 to 5 day* delivery

**COMPLETE REPLACEMENT SEALS**
- Emergency retrofit in 1 week*
- Emergency situations require expert service and project management; reduced asset downtime
- Complete underwater options possible; no dry dock fees

**HYDRAULIC COUPLINGS**
- 7 to 10 day* delivery (depending on size)
- High-quality ready-to-install product
- Shafts sizes up to 600 mm

*All times stated are Ex Works. If these times do not suit your requirements please contact us.
PRECISION WHERE IT COUNTS
Introducing Wärtsilä® Alignment and measurement services

Wärtsilä® Alignment and measurement services offers advanced solutions for aligning, covering the entire scope of works, from measurements, calculations and reporting to proposing and carrying out corrective actions.

Wärtsilä® has developed a special portable condition measurement system, which can dynamically detect faulty alignment of gearboxes, engines, sterntubes, sterntube seals, intermediate bearings, waterjets, propellers, generators and thrust bearings.

The system can be mounted onto the ship within one working day and can remain with the ship when it sails. The data can be collected for analysis when the vessel docks at its next port, and we can provide recommendations for repair. With the necessary tools in place, realignment of shaft lines can be carried out within a couple of hours.

BENEFITS:
- Pinouts and live visual displays provided.
- Fast and accurate measurement.
- Approved by all major classification societies.

REASSURANCE THAT RUNS DEEP
Introducing Wärtsilä® Underwater services

By carrying out critical repairs to sterntube seals and other equipment while the vessel remains in service, operations and vessel performance can continue uninterrupted, reducing both maintenance costs and downtime. In addition to emergency repairs performed underwater, Wärtsilä®’s services can also be extended to include routine maintenance.

BENEFITS:
- Allows the vessel to remain in service with unrestricted performance.
- Service work can be performed typically during 8 to 12 hour port calls.
- Service and repairs can be carried out between port calls to ensure the vessel remains on schedule.
- Globally available with consistently high-quality workmanship.
- Class approved underwater propeller repairs.
- Trained Wärtsilä®-qualified diver technicians to carry out underwater repairs.