

EXCLUSIVE PARTNER ON SITE ALIGNMENT

On Site Alignment (OSA) is a maritime company fully focused on and specialized in the alignment, engineering, mounting, in-situ machining and troubleshooting of critical machinery. AEGIR-Marine chose this expert company as exclusive partner. Since misalignment means wear on the stern tube installation, we consider alignment as a valuable addition to our services. OSA is based in Rotterdam (NL), Houma (USA), Tampa (USA), Abu Dhabi (UAE) and Singapore.



1,560 TONS
IS THE LARGEST
ENGINE OSA ALIGNED.

0.05 MM
IS THE ALIGNMENT
TOLERANCE OF CRITICAL
MACHINERY ON BOARD.

AN EXAMPLE OF COOPERATION

One of our seal service engineers was renewing stern seals in China when he noticed that the FWD bearing was severely damaged. He made a call to our office in Shanghai. They promptly responded and asked OSA to join in. Their measurements showed alignment problems that caused vibrations and unwanted movements. The damaged bearing being the result. AEGIR and OSA, a fruitful partnership! After the renewal of the bearing, liner and seals, OSA used the Jack-up method to control the load on the crankshaft and bearings. After they aligned everything according to the manufacturer's and class requirements the ship could continue her voyage.

WE OFFER:

When AEGIR's engineers notice signs of misalignment we can call in the experienced alignment experts of OSA immediately.

TOGETHER WE OFFER:

- Alignment
- Chocking & Mounting of machinery
- In-situ machining
- Surveying
- Troubleshooting service
- Engineering
- Consultancy in alignment

onsitealignment.com

EXCLUSIVE PARTNER UNDERWATER PROPULSION ENGINEERS

UPE stands for Underwater Propulsion Engineers and that's precisely what they are. This Rotterdam-based diving company is specialized in propulsion repair and maintenance. AEGIR-Marine chose this experienced diving company as exclusive partner. Of course this doesn't exclude working with other companies, but UPE's expertise is a valuable addition to our service.



AEGIR-MARINE & UPE OFFER:

- A seal bonding procedure approved by all major classification societies
- Trained and skilled engineers for propulsion repairs and maintenance
- Propeller modification, restraightening and rebalancing, class-approved underwater straightening repairs
- Emergency cropping
- Class-approved repair procedures
- Trained divers approved by AEGIR


UNDERWATER HABITAT

AEGIR and UPE have developed Sealdock®, an underwater work space for carrying out underwater repairs. We designed this system to be lightweight and portable. It's easily transportable by our engineers.

The Sealdock offers a completely dry environment that makes it possible to carry out repairs during cargo operations. It's a great asset to our services that can save you time and money.

An AEGIR-Propulsion Specialist will always be present for supervision as is a hydrodynamic expert if necessary.

upe-global.com



**8 HOURS OUT OF 24 HOURS
IS THE TIME A DIVER CAN
BE UNDER WATER DEPENDING
ON DIVING DEPTH.**