



Case Study: Engine Repair Solutions

Faster job completion saved potential LD charges of ~\$50,000 for a supply vessel

	<p>Industry Segment:</p> <ul style="list-style-type: none"> ○ Marine <p>Customer:</p> <ul style="list-style-type: none"> ○ Greatship India Limited - fleet operator of supply vessels for drilling and marine support services <p>Vessel Type:</p> <ul style="list-style-type: none"> ○ Offshore service vessel with Niigata engine and Z-peller 	<p>Engine Repair Solution:</p> <ul style="list-style-type: none"> ○ Overhauling of Niigata ZP41 Z-peller assembly 
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CHALLENGE

- Greatships Prachi, the offshore service vessel was to be deployed on a new offshore platform duty in 20 days.
- Overhauling of the [Niigata make ZP41 Z-peller assembly](#) was due for overhauling before a new assignment.
- The standard time needed for overhaul was 30 days (or even more sometimes) which meant a possible **delay in the deployment** that would have costed a **huge LD payment** to Greatships.

SOLUTION

- Neptunus is a **preferred partner** to Greatships for [engine maintenance](#) across their multiple vessels.
- The Greatships team approached Neptunus and explained the challenge. The expectation was to complete the overhauling assignment on an expedited basis within the **targeted time of 20 days**.
- Neptunus quickly did the planning and mobilized the team with extra manpower to expedite the job.
- Neptunus' back office team took care of the coordination with the Greatships team and L&T Shipyard team (where the vessel was docked).
- All necessary spare were readily made available from Neptunus' stock inventory to save on time.

BENEFITS

- The entire assignment was completed in 16 days, 25% faster than the challenging targeted completion date.
- Greatships could utilize the extra 4 days saved to complete other maintenance tasks and testing of the vessel.
- The vessel could sail for the deployed task right on time.
- **The planning, coordination, and urgency shown by Neptunus helped Greatships save ~ \$50,000 of LD charges.**



CUSTOMER TESTIMONIAL

“We rely on Neptunus as a preferred partner for the engine and z-peller maintenance because of knowledge, experience & skills of their expert service personnel. Recently they performed the overhauling of Niigata ZP41 Z-peller on our vessel ‘Greatship Prachi’ in under 20 days (usually takes 30 days or more) We appreciate the exemplary technical skills, planning, coordination, and customer-centricity of Neptunus’ team.”

- **Somesh Ugra, DGM, Greatship India Limited, Mumbai, India**

About Neptunus Power Plant Services

Neptunus combines 23+ years of experience and expertise in engineering services & solutions for engines, generators and all kinds of rotating equipment. Our solutions include Engine Lifecycle Management, Asset Reliability Management and Turnkey EPC Projects. We serve customers in marine, oil & gas, industrial and data center segments from 25 countries.
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