



CASE STUDY

ELHAND Transformatory for Maritime Industry

CLIENT

Telford Offshore is an international offshore service provider offering cost-effective construction and project management solutions to the Oil & Gas Industry. Telford Offshore adapts to clients' needs and operates in the most challenging environments, delivering safe access to and support of offshore worksites.

CHALLENGE

We faced a significant challenge due to a short turnaround time of only 5 weeks, especially during the difficult summer season. Our task was to ensure the timely fabrication and delivery of a high-quality, large marine transformer that would support the power conversion needs of the vessel, Telford 25. The transformer played a critical role in operating the motion-compensated Telescopic Gangway, facilitating safe passenger transfers from the vessel to offshore platforms.

SOLUTION

Key solutions implemented included:

- **Efficient Communication:** We established effective communication channels to ensure a seamless flow of information, enabling real-time updates and adjustments as needed.
- **Rigorous Quality Control:** ELHAND experts, in collaboration with Client, maintained strict quality control measures at every stage of the transformer's fabrication. This helped us ensure that the final product met the highest industry standards.
- **Accelerated Dispatch:** Recognizing the critical role of the transformer, we worked diligently to expedite its dispatch, ahead of the estimated delivery date. This ensured that our client could adhere to the project schedule and mobilize the vessel as planned.

RESULTS

- **On-Schedule Mobilization:** The transformer ET3SM-630 440//690 dD0 60Hz T45F AL IP23 was delivered and installed on the vessel, Telford 25, as planned. This on-time delivery allowed us to adhere to our project schedule and mobilize the vessel without delays.



TRANSFORMER: ET3SM-630 440//690 dD0 60Hz T45F AL IP23



PHOTO: Telford Offshore



“I would like to express our sincere appreciation to you and your team for your invaluable support and ongoing feedback during the fabrication and delivery of high-quality transformer product. Your assistance, particularly in ensuring a dispatch ahead of the estimated date, played a pivotal role in enabling us to mobilize the vessel on schedule.”

Romans Mileika | Telford Offshore