

FOR IMMEDIATE RELEASE

Everett Ship Repair Successfully Completes Challenging Refrigeration refit on the MV Excellence

Everett, WA – June 14, 2023 –Everett Ship Repair recently completed hull repairs and upgrades of the MV Excellence, a steel-hulled mothership processing vessel built in the 1970's in Japan. The vessel, measuring an impressive 367.5 feet in length and 56 feet in width, is undergoing extensive upgrades to the onboard ammonia-based refrigeration system. The modernization of this system will provide additional refrigeration capacity to the vessel, without an increase in power demand.

The new refrigeration equipment was installed in a large opening cut below the waterline, necessitating drydocking. All equipment installation and hull repairs had to happen within a short four-week period to minimize disruption to the fishing season. After undocking the vessel at ESR, the MV Excellence returned to her Seattle homeport to complete and commission the refrigeration system.

One of the primary challenges of this project was the tight timeline. The scope of work in a four-week period included hauling the vessel, cutting a large access port in the hull, removing outdated refrigeration equipment, installing gas-tight steel boundary decks and bulkheads, repairing areas of wasted steel, hull paint repairs, and installing new anti-foulant sea chest anodes.

Due to the location and weight of the refrigeration equipment each item had to be rigged out of the vessel and carefully maneuvered into the reach of a pier side crane. Removals included two condenser units each weighing a staggering 17,000 pounds and two similarly sized ammonia reservoirs. Additional removals included wasted steel plate and unnecessary equipment foundations.

The installation of new components showcased the deck-plate engineering skill of Everett Ship Repair with the successful placement of five large pressure vessels, two compressor skids totaling more than 30,000 pounds in weight, and various materials for foundations, decks, and bulkhead panels. To facilitate the safe removal and reinstallation of this equipment, a temporary platform was constructed on the drydock, enabling critical lifts within the working radius of the supporting crane.

Throughout the project, ESR collaborated closely with the vessel's port engineers and DNV Surveyors to ensure adherence to strict timelines and quality standards. The combined efforts of all involved parties allowed the repairs to be completed with the MV Excellence undocking on schedule.

"The completion of the MV Excellence repair project exemplifies our commitment to delivering exceptional service and meeting the unique requirements of our clients," said Gavin Higgins, CEO of Everett Ship Repair. "Very proud the team once again demonstrated their ability to execute complex marine repairs within demanding timeframes."

The successful completion of the MV Excellence project underscores Everett Ship Repair's reputation as a trusted provider of marine service and repair. With a track record of delivering high-quality solutions, the company continues to be at the forefront of the maritime industry.

For more information about Everett Ship Repair and their services, please visit ww.everettshiprepair.com.

About Everett Ship Repair: ESR is a leading service and repair company based in Everett, Washington. The company has earned a reputation for quality service work on a variety of vessels including fishing, tugs, barges, passenger transportation, and other offshore industries. The yard operates two drydocks and pierside moorage from its conveniently located facility near Naval Station Everett. ESR is committed to providing exceptional craftsmanship and outstanding customer service to clients.

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