



Grandweld | Waves

Issue 13 – July 2013



Inside this Issue

- New Contract Announcements
- Grandweld Launches its First Hybrid Seismic Support Vessel
- Recent Deliveries
- Steel Cutting Ceremony for KOC
- Ship Repair News

Grandweld wins US\$21m contract from Cotemar- Mexico

Grandweld has won a US\$21m contract to design and build four 42-meter crew boats for COTEMAR-Mexico.

The contract, signed on June 4 2013, is for a boat with a world-class reputation fitted with EPA Tier 3-compliant main engines and advanced navigation equipment. Designed to meet the client's specific needs, the vessels can exceed 26 knots. They benefit from luxury seating, VIP accommodation, a larger deck space and enhanced comfort for the crew.

The crew boats can seat 100 offshore personnel, and have a 100sqm loading area for over 90 tons of deck cargo. They can also carry a large amount of fuel and freshwater.

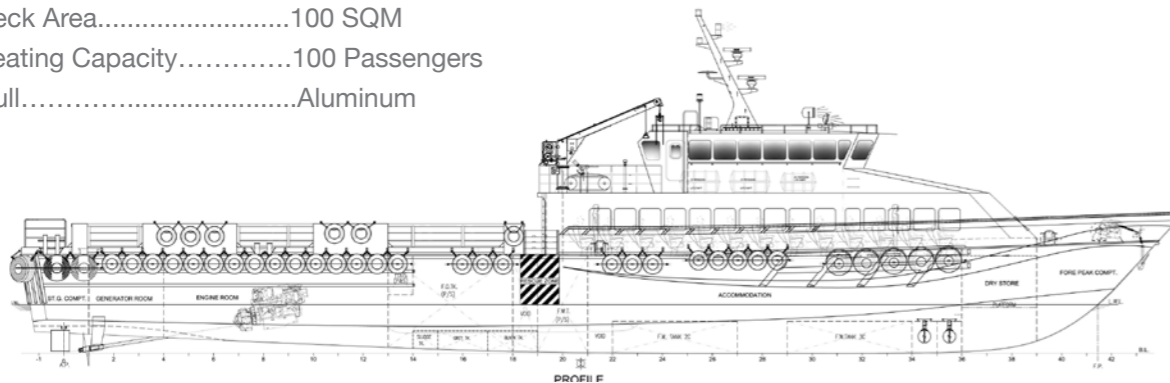
The vessels will be built at Grandweld's yard in Dubai Maritime City, and will operate in the Gulf of Mexico. They will comply with US Environmental Protection Agency requirements and US Coast Guard regulations. The first crew boat will be delivered in May 2014 and the last in August 2014.

COTEMAR S.A. de C.V., a new customer for Grandweld, is a leading provider of services in the offshore oil and gas industry in the Gulf of Mexico.

Grandweld's 42-meter class of vessels has been a huge success and is known for its unrivalled design and build quality, with over 30 boats delivered or currently under construction for clients worldwide.

PRINCIPAL PARTICULARS: FAST ALUMINUM CREW BOAT

Length Overall.....42.00 meters
 Breadth7.30 meters
 Depth.....3.50 meters
 Speed.....26 Knots
 Deck Cargo.....90 Tons
 Deck Area.....100 SQM
 Seating Capacity.....100 Passengers
 Hull.....Aluminum



Zamil Offshore orders crew boat no. 4



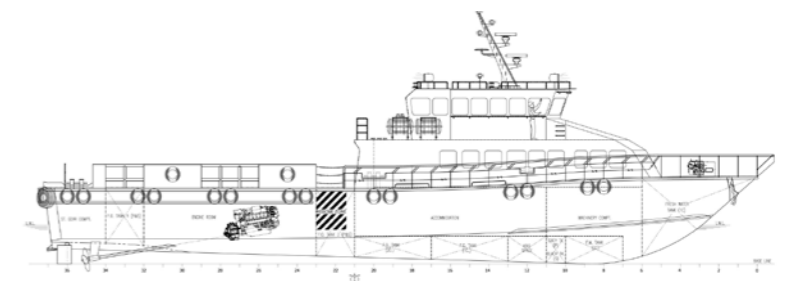
Zamil Offshore has once again put its faith in Grandweld Shipyards with an order for the design and construction of a new 33.5-meter fast aluminum crew boat. This will be Zamil's fourth order with Grandweld after the successful delivery of three sister vessels in 2012.

The new boat will be based on Grandweld's successful in-house design, and will transport personnel and support offshore oil and gas operations. The crew boat will be powered by three high-speed diesel engines driving three fixed-pitch propellers, to produce speeds over 25 knots.

The crew boat will be designed and built according to the classification rules and requirements of Bureau Veritas for Aluminum vessels. The vessel is scheduled for delivery in June 2014.

PRINCIPAL PARTICULARS: FAST ALUMINUM CREW BOAT

Length Overall.....33.5 meters
 Breadth6.70 meters
 Depth.....3.50 meters
 Speed.....25 Knots
 Deck Area.....80 SQM
 Crew.....12
 Hull.....Aluminum



Grandweld delivers first of six Hybrid Seismic Support Vessels

The first of six Hybrid Seismic Support Vessels from Grandweld, which deliver considerable fuel savings and emission reductions, has been delivered to a high-profile client. The contract for Petrel was signed in June 2011.



Petrel is equipped with a highly flexible hybrid propulsion system that allows operation under very efficient propulsion modes including diesel-mechanical, diesel-electric and hybrid mode. This results in significant fuel savings and reduction in CO2 and sulphur emissions.

For highly responsive manoeuvrability, Petrel is equipped with two electric bow thrusters and two flap-type rudders. It also comes with a distance line winch, dip winch, moonpool, fuel hose storage reel, Yokohama fenders and workboat davit.

Streamer winches stored on deck will provide complete support for seismic operations. They'll help with towing, chasing, liquid/solid cargo transfer and transferring offshore supplies and crew.

Jamal Abki, Grandweld General Manager, said: "Petrel's sister vessels are due for delivery later this year. There's high market demand for hybrid seismic support vessels and we expect to receive more orders in the near future."

PRINCIPAL PARTICULARS: SEISMIC SUPPORT VESSEL

Length overall.....53.8 meters
Breadth MLD.....13.0 meters
Depth.....6.30 meters
Bollard Pull.....50 Tons
Complement.....24 Persons
Hull.....Steel

Stanford Hunter successfully delivered

Grandweld has completed the delivery of a new vessel that will be used in firefighting on offshore platforms. Stanford Hunter, a 57-meter Offshore/Maintenance vessel bought by Stanford Marine, will help with maintenance and firefighting on offshore platforms on a 24-hour basis.

The vessel can accommodate 50 crew and comes with two powerful 1450KW CAT engines that can produce a speed of 13.5 knots. For fast deck-cargo movement, Stanford Hunter was designed to accommodate 25 tons @ 8-meter capacity movable crawler crane. The vessel is currently used for operations for NPC and Zadco.



PRINCIPAL PARTICULARS: OFFSHORE/MAINTENANCE VESSEL

Length overall.....57.00 meters
 Breadth13.60 meters
 Depth.....6.00 meters
 Deck Area.....350 SQM
 Speed.....13.50 Knots
 Complement.....50 Persons
 Hull.....Steel

Crew boats delivered to Fujairah National Group



Two 33.5-meter fast aluminum crew boats have been delivered to Fujairah National Group. The vessels are an optimized version of the successful in-house design built to help with fast transfer of offshore personnel, deck cargo and liquid payload.

The vessels, FNSA 1 and FNSA 2, will be operated by Inchcape Shipping Services LLC in different regions. FNSA 1 is currently working on a project in Mozambique in the East African coast, while FNSA 2 is currently deployed in Dubai.

Each vessel can seat 50 passengers and is powered by three high-speed diesel engines driving three fixed-pitch propellers to produce speeds in excess of 25 knots. The design was driven to optimize speed and seaworthiness to ensure swift transfer of personnel while maximizing crew comfort.

PRINCIPAL PARTICULARS: FAST ALUMINUM CREW BOAT

Length overall.....33.5 meters
 Breadth.....6.70 meters
 Depth moulded3.50 meters
 Speed.....25 knots
 Complement50 Passengers
 HullAluminum

Steel-cutting ceremony for Kuwait Oil Company

Grandweld held a steel-cutting ceremony to celebrate the start of the construction of the first Crane/Workboat for Kuwait Oil Company (KOC) on 18 July 2013.

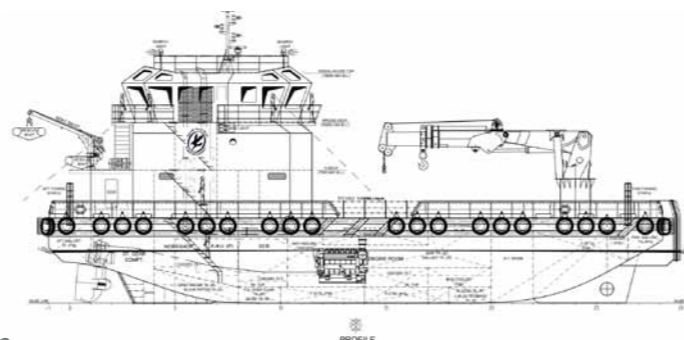
The contract was signed in February 2013 to design and build a series of four heavy-duty Crane / Workboat class vessels for Kuwait Oil Company. The ceremony was attended by KOC's senior management team led by

Mr. Hasan Al Bairami, Manager, Marine Operations. Grandweld's Crane/Workboats are designed to meet the specific needs of KOC. These vessels are powered by 2 x 1068kw main engines driving ASD thrusters. They are designed for tasks such as lifting and moving heavy equipment, oil-pollution control, SBM hose handling, FO/FW supply, and other similar duties. Each vessel is equipped with a crane capable of lifting 20 tons at 10 meters radius.



PRINCIPAL PARTICULARS: CRANE/WORKBOAT

Length Overall.....35.00 meters
 Breadth11.50 meters
 Depth.....4.80 meters
 Speed.....11 Knots
 Deck Crane.....20t @ 10m telescopic
 Main Engine.....2 x Wartsila 1068 kw @ 1000 rpm
 to generate 35 Tons bollard pull



Grandweld to deliver three 42m crew boats

Grandweld held a keel-laying ceremony for two 42 meter aluminum crew boats for Maroos Shipping on June 17, 2013. The ceremony was attended by Mr. Mohammed Roshanaei, Managing Director of Maroos Shipping and his associates.

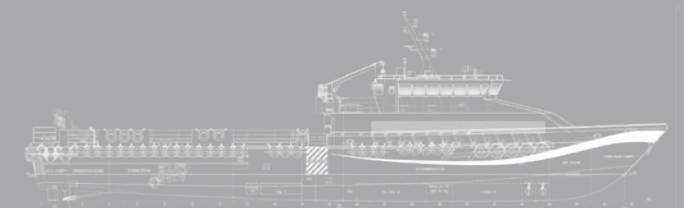
Maroos Shipping signed the contract in March this year following the successful delivery of a 38 meter utility vessel the previous March. The new crew boats are based on Grandweld's existing proven design, and can reach speeds in excess of 25 knots.

The vessels benefit from luxury seating, VIP accommodation, a larger deck space and enhanced crew comfort. With seating for 83 passengers, they have a 110sqm loading area for over 90 tons of deck cargo. They can also carry a large amount of fuel and freshwater.

In addition to the two 42 meter crew boats for Maroos Shipping, Grandweld Shipyards was recently contracted to build 42 meter fast aluminum crew boat for Khalid Faraj Shipping. The contract was signed on July 25, 2013.

PRINCIPAL PARTICULARS: FAST ALUMINUM CREW BOAT

Length Overall.....42.00 meters
 Breadth.....7.30 meters
 Depth.....3.50 meters
 Deck Cargo.....90 Tons
 Deck Area.....110 SQM
 Speed.....25 Knots
 Seating Capacity.....83 Passengers
 Hull.....Aluminum



Keel-laying ceremony for Liwa Marine 33.5m crew boat



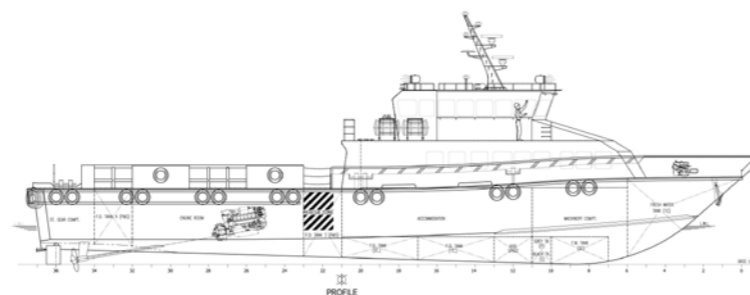
Grandweld has celebrated the keel laying of a new 33.5-meter fast aluminum crew boat for LIWA Marine Services LLC. In attendance were Mr. Khalfan Faraj Al Mehairbi, Chairman, and Mr. Venu K Pillai, General Manager, of Liwa Marine Services of Abu Dhabi.

Ordered in April 2013, the 33.5-meter crew boat is designed in-house, and will be powered by three high-speed diesel engines driving three fixed-pitch propellers to reach speeds in excess of 25 knots.

The vessel can seat 60 passengers and has 80sqm of deck cargo area. The crew boat will be certified for unrestricted navigation and

PRINCIPAL PARTICULARS: FAST ALUMINUM CREW BOAT

Length Overall.....33.5 meters
Breadth6.70 meters
Depth.....3.50 meters
Speed.....25 Knots
Deck Area.....80 SQM
Hull.....Aluminum



will transport offshore personnel and support offshore oil and gas operations. According to the contract, delivery is expected in March 2014.

In addition, the vessel has excellent sea-keeping qualities and full Class certified propulsion machinery, and enhanced comfort for the crew.

Major design features of the vessel include:

- Speed of 25 knots @165-ton dead weight
- 60 offshore personnel seating capacity
- Low noise and vibration levels on-board
- High seaworthiness and passenger comfort
- High-end finish exterior design

US Navy Captains award plaque to Grandweld



Grandweld Shipyards was recently honored to receive a plaque of appreciation from Capt. J Rodgers and Capt. J Morrissey from the US Navy. The Captains visited Grandweld Shipyards on July 18, 2013 to express their appreciation for the critical repair jobs performed onboard USS PONCE.

The plaque, handed over to Mr. Jamal Abki, Grandweld General Manager, commemorated a project that was demanding in terms of time and criticality. The repair job

comprised almost all trades of ship repair including steel, piping, structural tank inspection and repairs, carpentry, electric cabling and equipment overhauls, and hydraulic repairs.

The remarkable achievement demonstrated once again that Grandweld is a one-stop hub for such versatile requirements in the marine repair industry. The honor reflects the firm's commitment to on-time delivery and efficient repair services.

Grandweld handed rare welding approval

Grandweld's welding skills have been recognized with a rarely approved welding certificate. The company is one of only a few in the Middle East approved to carry out welding repair of special stainless-steel pipes SS 321/DIN 1.4541 used for cargo pipelines in LNG/LPG carriers.

The approval procedure was carried out by Germanischer Lloyd for existing ship repair projects. It extends Grandweld's welding workshop approval for pipe to Pressure Vessel Class I.

The approval offers further assurance to Grandweld customers of high-quality and reliable repair services.



Quick Turnaround Repairs

Grandweld Ship Repair has overhauled and serviced a 100-meter tanker in six days.

One of a large number of vessels serviced for regional and international ship owners and operators, the M.V TEKOS tanker underwent a full blasting, painting and repair programme at Grandweld Shipyards.

Repair work on the vessel comprised full blasting and painting for the 3000 m2 hull area within six days, as well as full overhauling of Volvo PENTA gensets (four generators).

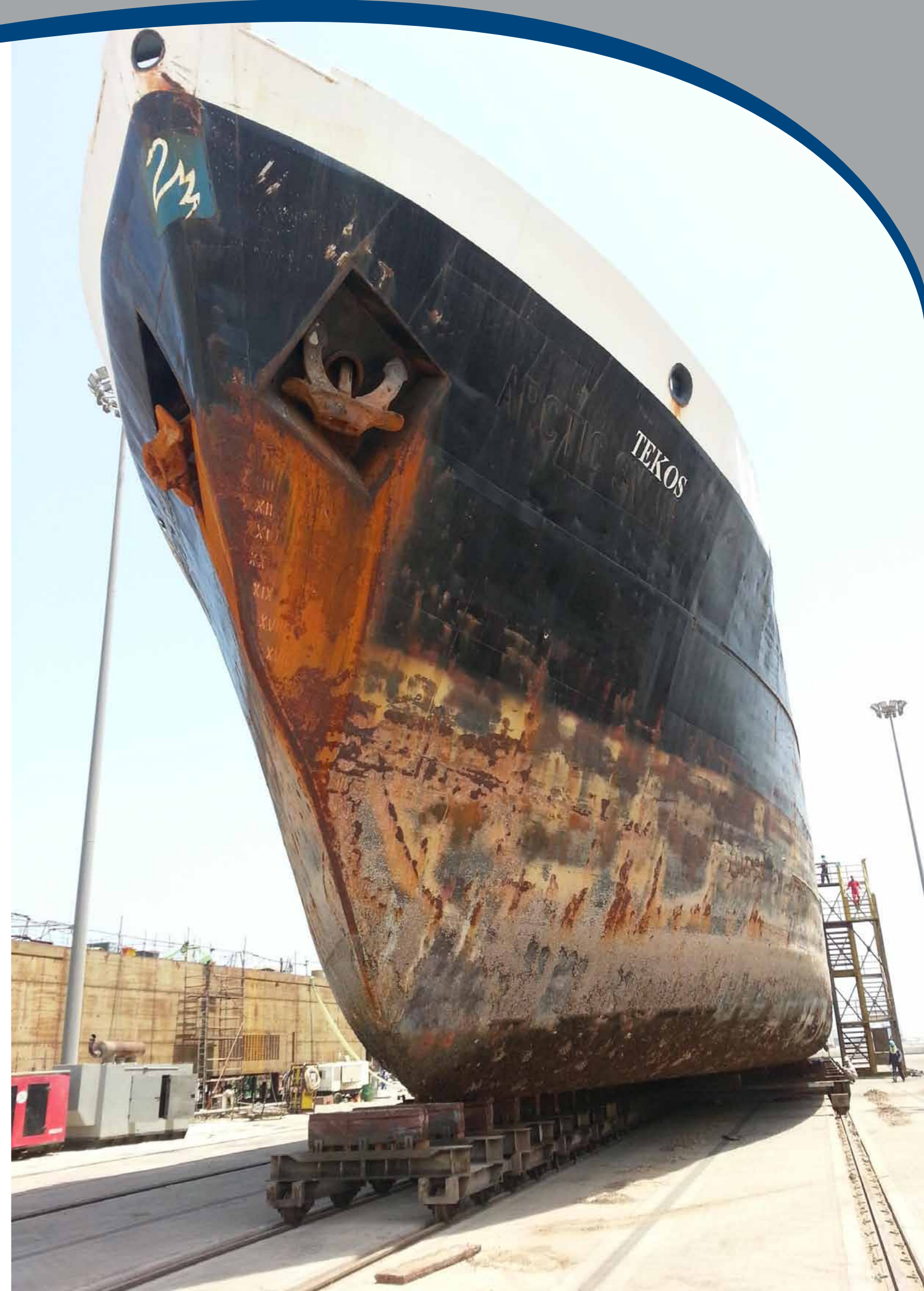
The repairs entailed the renewal of bottom steel plates, overhaul of electric motors and pumps, and full overhaul of the anchor windlass unit, including the hydraulic motor. In addition, Grandweld added a new keel-cooling system to the existing cooling system for the generator engines to improve the system's cooling capacity.

Grandweld beats refurbishment deadline on Sea Swift

Grandweld has completed another major repair job on the 166ft supply vessel Sea Swift before the requested deadline. The main task was a major makeover for re approval under ABS Class, as per the client's request.

The project was complicated by the age of the vessel and the strict requirements to accept her for ABS classification. Grandweld carried out the following jobs to ensure the vessel gained its class certificate:

- Renewal of around 30 tons of steel in many locations – bottom, tanks, and accommodation areas.
- Full refurbishment to crew toilets and accommodation areas.
- Full repair to shafting and propulsion unit including alignment using laser and line-boring job.
- Inclination test conducted before sailing out with attendance of ABS Class surveyor and representative.



Stanford Osprey upgraded to DP2



Grandweld has successfully upgraded MV Stanford Osprey during April and May this year. New power and redundancy requirements as per ABS DPS2 notation have resulted in moving from DP1 to DP2 classification.

The job involved installation of an additional bow thruster, its allied power and control systems, VFD starters and diesel generator to cater for additional power and redundancy requirements. Grandweld also modified vessel piping, electric and propulsion controls.

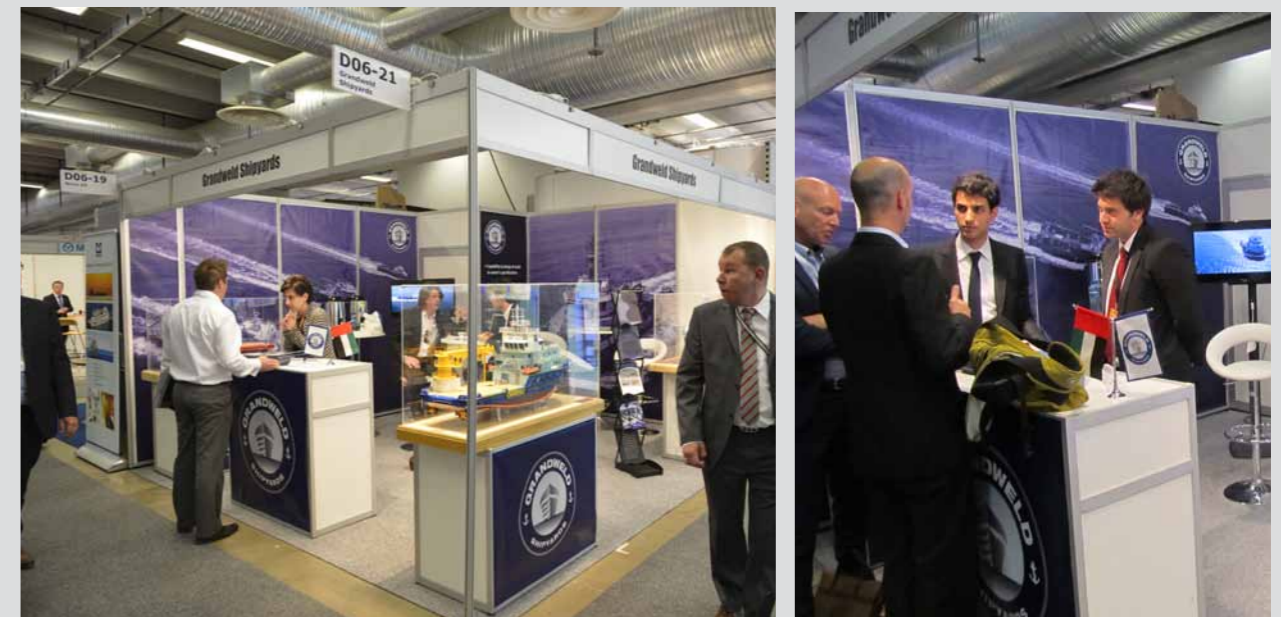
The engine control room was extended to accommodate additional electrical equipment. A separate A60 insulated compartment was also needed to house the new generator with its interfaces on deck. Grandweld completed the modification on time and the vessel is currently under charter in the MENA region.

Grandweld showcases abilities at Nor-Shipping 2013

Enhanced brand awareness, showcasing capabilities and expansion into rapidly growing markets were just some of the benefits of Grandweld Shipyards' participation in the Nor-Shipping exhibition 2013. One of Europe's leading maritime and shipping exhibitions, it was held from June 4-7, 2013, in Oslo, Norway.

Grandweld representatives welcomed keen visitors from across the globe, and shared Grandweld's growth, highlighting the latest newbuilds and product development.

Those wanting to find out more about Grandweld Shipyards' products, services and opportunities can visit the Middle East Workboats exhibition.



Meet Grandweld Shipyards at:

Middle East Workboats 2013
30 September- 2 October 2013
Abu Dhabi, United Arab Emirates
Stand # C7

In Memory of Madhusoodanan



We pay tribute with great sadness to Madhusoodanan Kapparath who passed away on August 1, 2013. Madhusoodanan, who served as a Commissioning Manager since July 2007, will be greatly missed for his work and tireless dedication, but above all, he will be missed as a friend.

Madhusoodanan has left a deep and lasting impression on us and we will always remember him.