



Grandweld | Waves

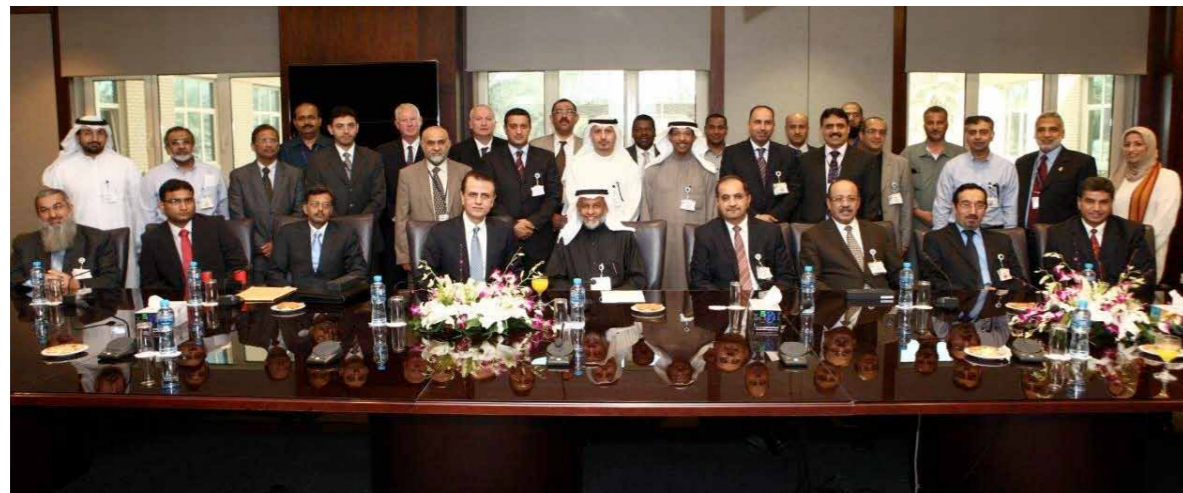
Issue 12 - April 2013



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Grandweld Shipyards Secures Contract to Build Four Heavy-Duty Crane/Work Boats for Kuwait Oil Company



Grandweld Shipyards has signed a contract with Kuwait Oil Company to design and build a series of four Crane / Workboat class vessels. The contract is valued at a total of USD 50m over the duration of the build.

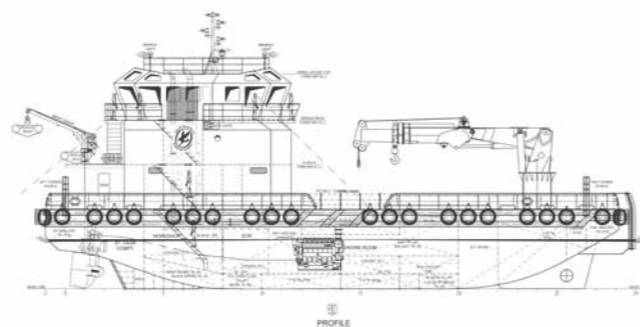
Grandweld's Crane/Work boats are designed and built in-house to meet the specific needs of KOC's requirements; these state of the art vessels are designed to undertake tasks such as lifting and moving heavy equipment, oil pollution control, SBM hose handling, FO/FW supply, and other related duties. Each vessel comes with a crane capable of lifting 20 tons at 10 meters radius.

Propulsion power is provided by 2 x 1432 bhp engines at 1000 rpm, generating 35 tons of bollard pull. Additionally, the vessels will be fitted with 2X Azimuthing stern propulsion system and bow thruster, to enhance the vessel's maneuverability.

The contract signing ceremony was held at KOC headquarters in Kuwait. The first vessel will be delivered in May 2014, with the fourth and final vessel to be delivered in February, 2015.

PRINCIPAL PARTICULARS: CRANE/WORKBOATS

Length Overall.....35.0 meters
 Breadth.....11.50 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



Two 42m Aluminum Crew Boats for Maroos Shipping

Grandweld Shipyards has been awarded a contract to build two 42M Aluminum Crew Boats for Maroos Shipping. The contract follows previous delivery of a 38M Utility Vessel to Maroos Shipping in March 2012.

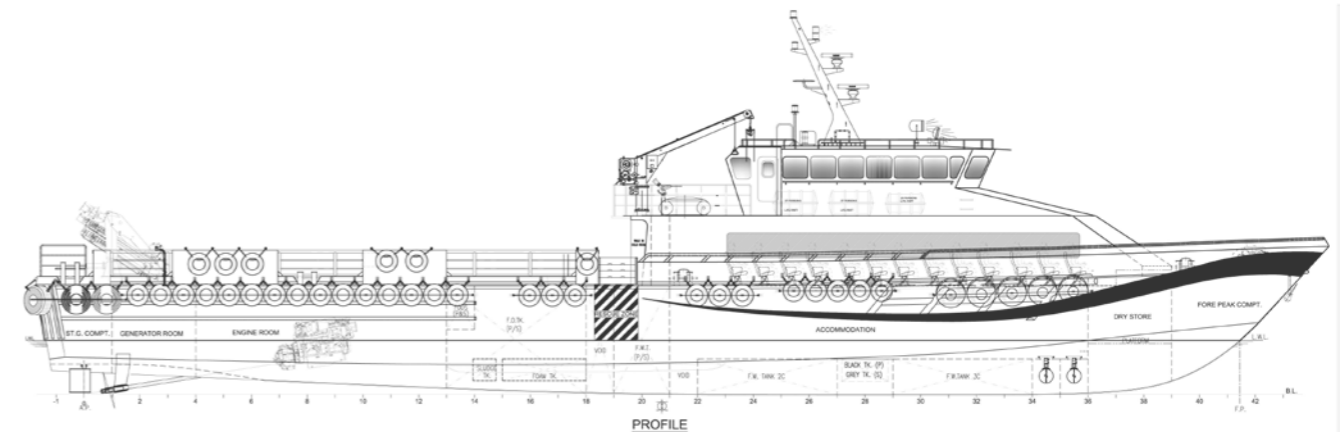
The new 42M Aluminum Crew Boats are based on Grandweld's existing proven design, and can reach speeds in excess of 25 knots.

The vessels benefit from luxury seating, accommodation for VIP guests, a larger deck space and enhanced comfort for the crew. The vessels can seat 83 passengers and have a 110sqm loading area for over 90 tons of deck

cargo. They can also carry a large amount of fuel and freshwater.

The contract with Maroos Shipping is the latest in a string of recent orders for the 42M Aluminum Crew Boat. It follows orders for the boat from Wesal Shipping in October 2012, and three for Global Marine, signed in August 2012.

The huge success of the 42M is down to its highly advanced design, plus a focus on safety and security. Crew boats have become an increasingly common feature in the Gulf region; a quality vessel such as the 42M will always attract plenty of new and repeat business.



PRINCIPAL PARTICULARS: FAST ALUMINUM CREW BOAT

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

LIWA Marine Contracts Grandweld for a 33.5m Crew Boat



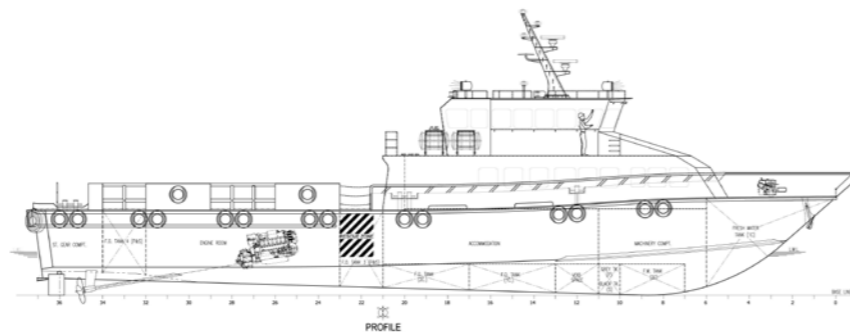
Another contract was signed to design, build and deliver 33.5M Fast Aluminum Crew boat for LIWA Marine Services LLC, Abu Dhabi. The contract was signed on April 9, 2013.

The 33.5M crew boat will be designed by Grandweld Shipyards, and will be powered by 3 high speed diesel engines driving 3 fixed pitch propellers to reach speeds in excess of 25 knots. The vessel can seat 60 passengers, and will have 80 sqm of deck cargo area. The vessel will be certified for unrestricted navigation, and will

be utilized to transport offshore personnel and support offshore oil and gas operations. The vessel will have excellent sea-keeping qualities, and enhanced comfort for the crew. The vessel will have full Class certified propulsion machinery. According to the contract, the delivery of the vessel is expected in March 2014.

Grandweld is pleased to receive repeat orders for this class of vessels, as it reflects our commitment and quality we extend to our clients.

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



MURBAN1 Successfully Delivered to NMDC



Following the keel laying in April 2012, MURBAN1, the new 42M Fast Aluminum Crew Boat, was successfully delivered to National Marine Dredging Company (NMDC), Abu Dhabi. The vessel was delivered in March 2013.

The vessel is a new in-house design, and can reach speeds in excess of 26 knots. The vessel features crew seating capacity of 69 persons, and has 104 sqm loading area for over 85 Tons of deck cargo.

Major Design features of the vessel include:

- Speed of 26 knots @180 ton dead weight
- VIP standard interior finish
- Low noise levels & vibration onboard
- High sea worthiness and passenger comfort
- High end finish exterior design

The vessel is also equipped with high end navigational equipment according to the customer requirements.

PRINCIPAL PARTICULARS:
FAST ALUMINUM CREW BOAT
 Length Overall.....42.00 meters
 Breadth Moulded.....7.30 meters
 Depth Moulded.....3.50 meters
 Deck Space.....104 sqm
 Deck Cargo.....85 Tons
 Speed.....26 Knots
 Crew.....12 persons + 2 VIP
 Offshore Personnel.....69 seating capacity
 Hul.....Aluminum

Grandweld Launches First AHTS for Halul Offshore

The new vessel Halul 63, the first of two 90 Tons bollard pull Anchor Handling Tug Supply Vessels (AHTS), was successfully launched on March 4, 2013. The contract was signed in July 2011 to build and deliver two sister vessels for Halul Offshore, Qatar.

The 67M AHTS is completely outfitted and equipped for anchor handling, offshore supply, oil recovery, rescue, standby and other related duties. The vessel is classed for unrestricted service, and is equipped with Dynamic Positioning capability of DP2. She is powered by two 2720KW MAN Engines, and is fitted with two controllable pitch propellers, two stern thrusters, and two bow thrusters. The vessel is scheduled for delivery end of July 2013.

PRINCIPAL PARTICULARS:

ANCHOR HANDLING TUG SUPPLY VESSEL

Length Overall.....67 meters
Breadth.....16.80 meters
Depth.....6.80 meters
Draft, loaded.....5.40 meters
Bollard Pull.....90 Tons
Speed.....13.5 knots
Complement.....50 Persons
Hull.....Steel



Delivering quality around the clock

Besides the construction of various shipbuilding projects, Grandweld has completed significant repair and modification projects for new and repeat customers.

Grandweld Shipyards has been awarded a contract to conduct a special survey, and dry-docking repairs on the LPG Tanker Globe Tanya, Owned by Penta Ocean Ship Management & Operations LLL. The 127 meter vessel is so far the largest vessel and the first LPG carrier docked by Dubai Maritime City. The Vessel was docked as part of 4th Special Survey under GL class. This challenging and demanding repair project is a testament on Grandweld's quality and excellent repair services.

The following jobs to be carried out as part of special survey:

- Main engine, Auxiliary engine
- Different types of pump
 - Cargo pump
 - Firepump
 - Emergency firepump
 - Water spray pump
 - Ballast pump
- Coolers, Motors, and Rudder
- CPP Propeller
- Blowers
- Steel renewal
- Pipe renewal
- Blasting/Painting





Bourbon Agathe



Built by Grandweld in 2009, Bourbon Agathe arrived at Grandweld facility for a modification job. The modification job involved design, installation and commissioning of external FiFi system according to BV class requirements for FiFi-1 notation.

Modifications were carried out onboard for new sea chests, pump foundations. Engineering requirements were in compliance with class requirements with reference to general system design and consulting, component and system integration, co-ordination and system arrangement, drawings for mechanical and electrical design, technical data sheets, and Torsional vibration analysis from engine maker. Vessel is now ready for charter with full fledged added FiFi-1 notation under BV class.



Cecilie Theresa

Another successful repair job was completed by Grandweld. A special drydock survey was conducted on the oil tanker Cecilie Theresa, for the owner Warm Seas Development & Trading Sharjah United Arab Emirates. The survey included

tailshaft/seals and whitmetal bearing renewals, general overhaul of equipments like cargo pumps/ motors, General service/cooling/ballast pumps, and steel/piping renewals, valve overhauls.



Bergeron Tide

Another repeat customer Tidewater has sent its vessel Bergeron Tide for a repair job. The vessel arrived for docking at Grandweld facilities in Dubai Maritime City, and continued voyage in no more than 10 days.

During the docking period, the repair job included full service on the bow CPP thruster and the main CPP thruster unit, and treatment of the hull and cable platform for ARAGS. Tidewater representatives expressed their satisfaction with our repair service.

Meet Grandweld Shipyards at:

**Nor- Shipping Oslo
June 04-07 2013
Stand # D06-21**