



# Grandweld | Waves

Issue 9 - March 2012

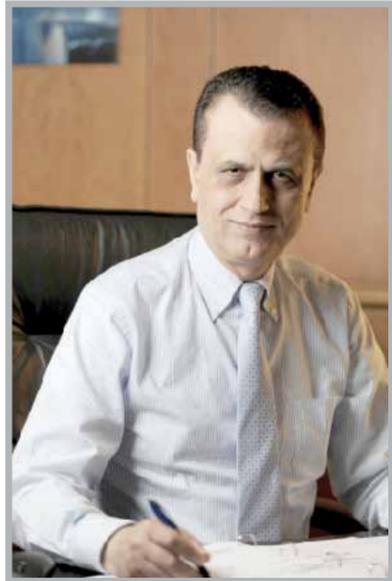


**We Build For You**

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## Message from the GM



Dear Friends,

I welcome you again to Waves, the Newsletter of Grandweld Shipyards and I hope the information we provide is useful to our Customers and our employees.

This issue being the first in 2012, I take the opportunity to wish all of you a successful, prosperous and happy New Year. I also wish to assure you that we are continuing our effort to grow the Company, advance the technology and performance of our products, ensuring that Grandweld Shipyards remains the first choice for Customers to place their orders and employees to build their career.

I am pleased to announce that Grandweld Ship Repair has already established a Division in Fujairah, which will allow us to support the fleets of our Customers at the port and offshore Fujairah. Also the new Division will benefit from the business opportunities that the Port of Fujairah offers with its latest expansion of the Port and the new SPM Terminal.

As you are aware, we will be celebrating the inauguration of the new facility of Grandweld Shipyards at Dubai Maritime City (DMC) soon. We shall provide information about our new facility, its capabilities and the advantages it offers on our website during May 2012.

Wish you enjoyable reading.

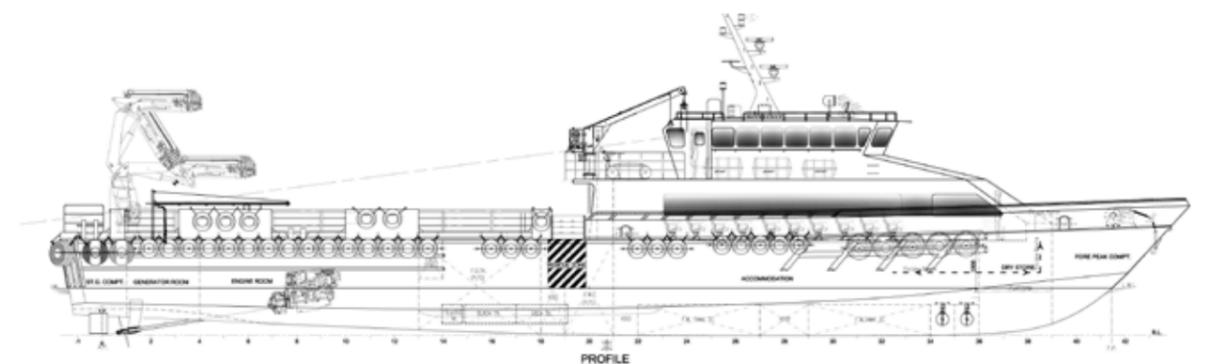
Jamal Abki

## More Crew Boats from Grandweld Shipyards

Grandweld Shipyards has been awarded a contract to design, build and deliver 42m Crew Boat for the repeat client National Marine Dredging Company (NMDC), Abu Dhabi. Grandweld has already established a solid reputation as the leading shipbuilder of high speed, light weight aluminum crew boats in the offshore industry. The vessel is part of Grandweld's 41m third generation crew boats boasting an improved design over the previous generations. The length of the vessel has been increased by 1mtr to meet the owner's requirements.

The vessel is designed to reach a speed in excess of 25 knots, and features crew seating capacity of 69 persons, and 104 sqm loading area for over 85 Tonnes of deck cargo. The vessel will be additionally equipped with high end navigational equipment according to the customer requirements. The vessel is scheduled for delivery in March 2013.

LOA .....	41.77 m
Breadth Moulded .....	7.30 m
Depth Moulded .....	3.50 m
Deck Space .....	104 sqm
Speed .....	25.5 Knots
Deck Cargo .....	85 Tons
Seating Capacity for Offshore Personnel .....	69 persons
Hull .....	Aluminum



# The Successful Launch of the First Dive and Maintenance Support vessel

Grandweld Shipyards has successfully delivered “ARADAH”, a 55m Dive and Maintenance Support Vessel (DMSV), specially built for ADNOC. The new state-of-the-art DMSV is the first from its class to be built by Grandweld Shipyards and will serve as the flagship to ADNOC offshore fleet operating in the region.

The vessel, equipped with 360 degree Schottel Rotatable Propulsion System, will serve dive and maintenance operations in Abu Dhabi offshore fields.

Additionally, “ARADAH” is equipped with dynamic positioning, providing the vessel

with the capability to automatically maintain position without captain intervention.

The vessel is also equipped with a subsea lifting crane of 70 Ton @ 14m capacity positioned at the aft of the vessel, capable of handling Deadweight Anchors, Mooring Buoys and SBM hoses. The vessel is also equipped with two self-contained integrated diving systems complete with decompression chambers in order to facilitate under water diving operations. In addition to that, the vessel is equipped with external fire fighting capability to class 1. (3300 cubic meter per hour).

### 55M Main Dimensions

LOA .....	55.3m
Breadth .....	16.00m
Depth .....	5.50m
Draft .....	4.50m
Speed .....	13 KNOTS
Offshore crane .....	70 T @ 14m
	25 T @ 34m
Fuel Capacity .....	370.00m <sup>3</sup>
Hull .....	Steel



## Plate Cutting Ceremony for KOTC 21m Service Boats

Grandweld celebrated the aluminum cutting ceremony of the two new 21m service boats for Kuwait Oil Tanker Company, which was held on March 1, 2012 at Grandweld Shipyards in Al Jadaf. The event was attended by Mr. Ali Shehab, head of KOTC's Fleet Projects Division, and Mr. Bader Al Kandari – Manager KOTC Agency Branch. Inaugurating the function Mr. Ali Shehab commented "This project will be the key for all Grandweld's future projects in the Kuwait Shipping Industry".

The 21.3m vessels will be powered via twin waterjet to reach a speed in excess of 28 knots at full loaded draft, and to ensure high maneuvering capabilities. The vessels will be utilized by KOTC Marine Agency Branch to safely transport passengers and cargo to and from tankers calling Kuwaiti Oil Terminals. Delivery of the two vessels is scheduled in the last quarter of 2012.

### Major Design features of "discovery" class boat include

- Highest contractual speed to date , i.e. 28knots at 90% MCR
- 24 offshore personnel seating capacity
- 4 ton deck cargo capacity
- Low noise levels & vibration onboard
- Forward landing design for quick and safer transfer of offshore personnels
- All round fenders & double chine
- 360 degree wheelhouse visibility
- High sea worthiness and passenger comfort

The first service boat is scheduled for delivery in November 2012 and the second one a month later.

### 21.3M MAIN PARTICULARS

LOA .....	21.3m
Beam .....	5.2m
Depth .....	2.45m
Hull.....	Aluminum
Speed .....	28 knots
Displacement.....	50 , light ship
Main engine power/rpm .....	2x1450bhp @ 2300 rpm



## ADPC Escort Tugs Project Update

Grandweld is making a great progress on the 55Tons Bollard Pull ADPC escort tugboats specially designed for marine services at the new Khalifa Port. The first tugboat is in the final stages, and is scheduled to be launched during the first week of April 2012.

The contract was awarded to Grandweld Shipyards in March 2011, and it included the

delivery of two escort tugboats, the first to be delivered in May 2012, and the second in June 2012. The escort tugboats will enhance safety and harbor operations at Khalifa Port. With a 55 Tons bollard pull capacity each, the vessels will have the capability to handle the large vessels and container ships operating at Khalifa Port.



## Shipbuilding at DMC

All large vessels construction will take place at the new facility of Grandweld Shipyards at DMC. Grandweld will continue to function from the old Jadaf yard but only for Aluminum and

smaller vessels building and repairs. Grandweld will relocate its offices to the DMC facility within three months.



AHTS BP 90Tos



54m Seismic Support Vessels



## Grandweld Fujairah

Grandweld Shipyards is pleased to announce that it has established a new Ship Repair division in Fujairah, in order to expand its ship repair facilities, and service capabilities at Fujairah Port and offshore Fujairah. With its latest expansion, Fujairah port has become the second largest bunkering port in the world, which will allow Grandweld, with its strategically located facility adjacent to Fujairah Port and dedicated afloat ship repair division, to work closely with our clients at the Fujairah Port and anchorage area.

Located in Fujairah free zone, Grandweld's new ship repair division will offer its clients the following services:

1. Aluminum/steel hull repairs.
2. Riding squads for anchorage or voyage repairs
3. Main Engines/Auxiliary engines and engine room machinery overhauls.
4. Electrical motors, switch boards and associated automation control systems repairs.
5. Navigation and communication systems repairs /new installations and commission.
6. Tanks cleaning and coating.
7. Deck machinery overhauls.
8. Pipeline and Valves overhauls/renewals.
9. Joinery and interiors refurbishments.
10. Machine shop facility.

## Conversion projects for Stanford Marine

Among other regular dry dockings in the last quarter, Grandweld has completed two (2) conversion projects on "Stanford Caracara" and "Stanford Goshawk" for the client Stanford Marine. The job involved full engineering, pre-fabrication and installation of extended forecastle and upper forecastle decks to accommodate additional containerized accommodation modules and other charterer equipments.

The vessels were prepared in accordance with custom requirements of the charterer to include a welding habitat, additional and extended mooring bitts, spaces for material storage and movement. All modifications were done under the supervision of ABS class, in full compliance to relevant rules. The vessels were delivered ahead of schedule, exceeding client's expectations.

## More Repair Jobs for Grandweld Shipyards

Grandweld was contracted to undertake an urgent repair job on the vessel "Courtney Tide" for the repeat client Tidewater Marine, after successfully completing the repair job on the sister vessel Hanks Tide. The job included repairing the CPP system of the propulsion units, and laser alignment were used for aligning and chock fastening the gear box, and the FIFI pump of the vessel.

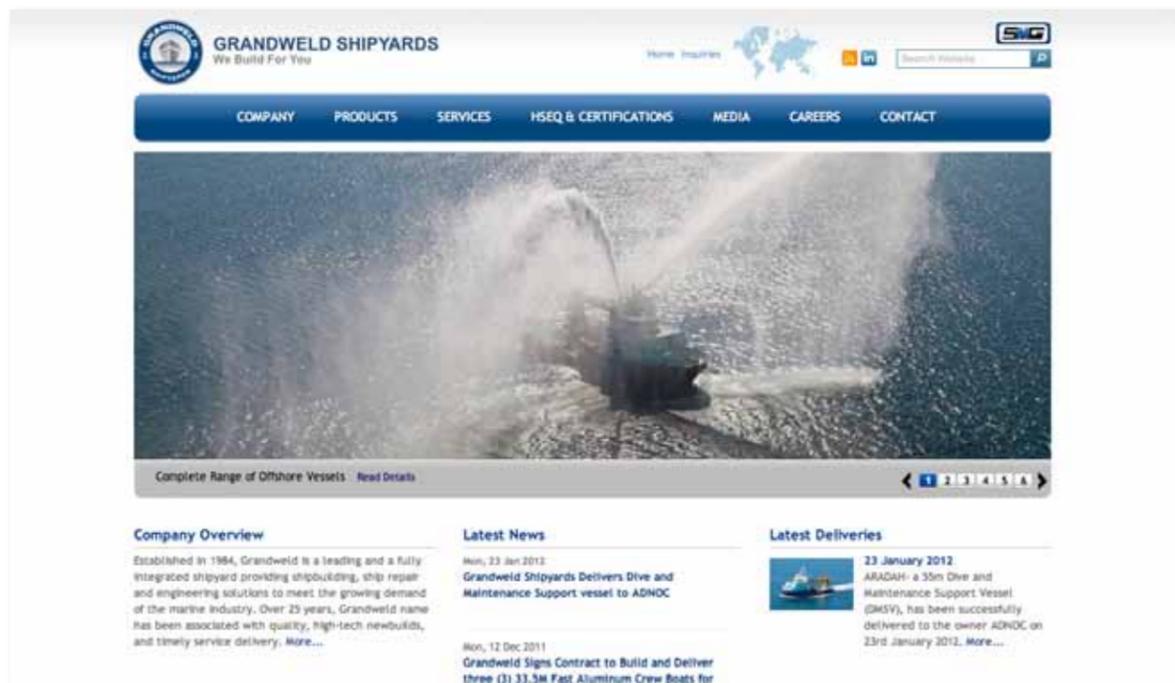
"Based upon what I saw for the alignment & chockfasting job on the Courtney Tide, I was very impressed with the professionalism shown." commented John Gordon, Regional Technical Manager - Tidewater Marine International Pte Ltd.



## www.grandweld.com Launched

As part of the company rebranding, Grandweld Shipyards website www.grandweld.com has officially gone live on February 1, 2012. The new website is a reflection of the company's constantly growing business, and boasts a modern yet simple and user friendly design, which allows

the users to easily access the newbuild portfolio, shipyard facilities, and information about the company's extensive marine and engineering services. This website will help us better communicate with our existing and future clients.



## The Safety of Our Employees is Our Greatest Responsibility

At Grandweld Shipyards, we believe that protecting the lives of our people is our greatest responsibility. In this issue we interviewed Gary Gardner, who has recently joined Grandweld as the HSE manager.



Tell us a bit about yourself and your experience?

I was born in the United Kingdom coming from a large family of five sisters and one brother. At the age of 17, I joined the British armed forces based in Germany serving a total of 22 years. I have been involved in SHEQ for the best part of last fifteen years, the majority of which has been within the maritime industry, holding professional qualifications in Lead auditing SHEQ/ISM Code systems for the Maritime and offshore petrochemical industries. I hold a diploma in supervision and management, and at present I'm working towards the Nebosh diploma in safety.

How did you get into this field?

On leaving the armed forces in 1997 I returned to civilian life in the maritime city of Portsmouth and gained employment with BAE Underwater systems as a Principal projects material planner for all existing and prototype commercial and defense underwater projects for four years, and later moved on to a bigger challenge where I was employed at the Royal Naval shipyard in Portsmouth as a SHEQ/ISM (Code) Maritime Lead Auditor for commercial and military vessels for six and half years.

Why did you join Grandweld Shipyards?

In December 2011 I was informed that Grandweld was looking for an HSE Manager. I looked up Grandweld on the website and reading through their history noted that they had made leaps and bounds in ship building, ship repairs and design. Its then I decided Grandweld was the company for me and after a successful interview I started work on the 01st February 2012. The work is challenging, but at the same time there is always a sense of achievement at the end of each working day.

What is the biggest challenge in this job?

At Grandweld we have many employees from different parts of the world; with the bulk of the workforce from India. The challenge for me is to get the workforce and management to work together for their everyday tasks, yes there is some language barriers but from my previous experience in Qatar this area can always be overcome. Therefore I am in the process of initiating a new safety program which is designed to bring the workforce together for their everyday working tasks, the new program involves nine (9) steps to going home safely. The plan for March is to conduct a one day in house training course with all Heads of departments, project supervisors, engineers and foreman's where on successful completion of the training the system will be implemented and become part of the workforce everyday tasks.

**Meet Grandweld Shipyards at:**  
 International Tug, Salvage & OSV Convention 2012  
 29-31 May, Barcelona- Spain  
 Seatrade Middle East Maritime  
 27-29 November, Dubai- UAE

**BRAVO 1**

Built by Grandweld Shipyards, the new 38m utility vessel "Bravo 1" has been delivered to her owner Maroos Shipping. Due to the increased demand of this class of utility vessels, Grandweld has improved the design of "Bravo1" by increasing the length by 2mtr to enhance sea worthiness, speed, deck area and cargo capacity. The vessel is equipped with external fire fighting capability, and has an accommodation for 28 people. The Vessel is powered by two CAT C32 engines, each capable of producing 1300hp power, and a speed of 13.5 knots.

**AL MOJIL 51**

The latest Aluminum Crew Boat "AL MOJIL 51" has been delivered to her owner Mohammad Al Mojil Group-Dammam. Designed by Grandweld Shipyards, the 33.5m vessel is powered by three CAT C32 engines, each capable of producing 1300BHP power, and a speed of 24 knots in lightship sea trials. This 33.5m crew boats will be utilized by Saudi ARAMCO to safely transport crew and cargo. The vessel features a 90Sqmtr cargo area, accommodation for 9 crew members, spacious wheel house and mess area.

**GLOBAL PRINCESS**

"Global Princess" the third of a three 41m crew boat series has been delivered to Global Marine. This vessel represents the third generation of 41m series with enhanced design and superior performance compared to the two previous generations. The vessel has achieved a speed in excess of 26knots, and is equipped with external fire fighting, offshore crane, separate VIP passenger area, and security capabilities.

**AL NEHEM**

The 36m utility vessel "Al Nehem" has been successfully delivered to the owner Inter Gulf Marine on the 12th February 2012, following the launch of its sister vessel "Al Theebah" in December 2011. The vessel is equipped with external fire fighting capability and has an accommodation for 40 people. The vessel is installed with an offshore crane to carry 3.2 ton@11.4m in offshore condition or 5.0 ton@11.4m in harbor.

## Grandweld at Offshore Arabia 2012

Grandweld Shipyards participated in Offshore Arabia conference and exhibition, which was held in Dubai International Exhibition Centre from 27 - 29 February 2012. The exhibition was inaugurated by Dr Rashid Ahmad bin Fahad, Minister of Environment and Water. Offshore Arabia 2012 was an important platform for networking, and showcasing, which allowed Grandweld to be present amongst key players in the offshore oil and gas industry such as Saudi Aramco, Kuwait Oil Company and Qatar Petroleum, and to showcase its various product and service capabilities which support offshore oil and gas industry.



Dr. Rashid Ahmad bin Fahad, Minister of Environment and Water with Mr. Jamal Abki, Grandweld General Manager.