



GRANDWELD

WAVES

Newsletter: Issue 4 - DEC 2010

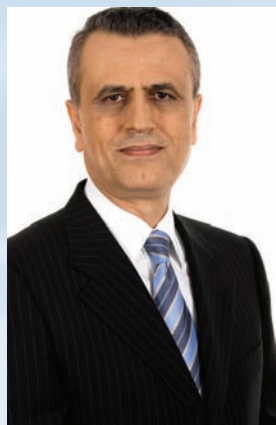
Wishing You a Peaceful christmas and a happy and prosperous new year 2011



LATEST NEWS

GRANDWELD HAS BEEN CERTIFIED TO OHSAS 18001:2007 OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM (OHSMS) TO CONTROL ITS OH & S RISKS AND IMPROVE ITS PERFORMANCE FOR A SAFE AND HEALTHY WORKING ENVIRONMENT TO ALL.

Message from the General Manager



Jamal Abki

General Manager

As 2010 comes to its end, I must say that I am pleased with our results considering the challenges that our Industry is facing.

I would like to share with you some highlights from 2010:

- Delivered 10 vessels in time and to the full satisfaction of our Clients.
- Order book received US\$ 80 million new shipbuilding orders.
- Engineering Division produced 3 new designs for offshore vessels with were model tested satisfactorily and now building of these vessels is underway.
- Project Management Division achieved significant improvement in benchmark for steel and aluminium man hour per ton that was clearly reflected on profitability of our business.
- In spite of all the challenges our financial targets were exceeded.
- Plans are put in motion for 35% organic growth in 2011.

From 2010 challenges and success, we draw strength to be prepared for 2011 which will be a year of expansion for Grandweld. We look forward to start the construction of our new facility at DMC, which will be built over a land plot measuring 28,000 sq. mtr.; the shipbuilding and ship repair facility will be equipped with the state-of-the-art technology in shipbuilding and ship repair to improve process efficiency and allow for future expansion.

We will invest in the Engineering & Design to deliver high performance vessels at competitive prices. This along with commitment towards our clients will sharpen the distinctive edge of Grandweld.

Finally, I would like to thank all our Customers for their continuing trust and support; also, I thank all the Grandweld employees for their hard work and dedication.

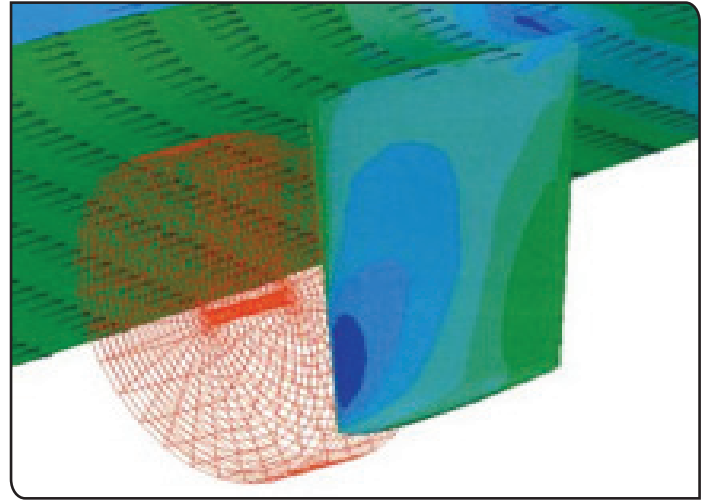
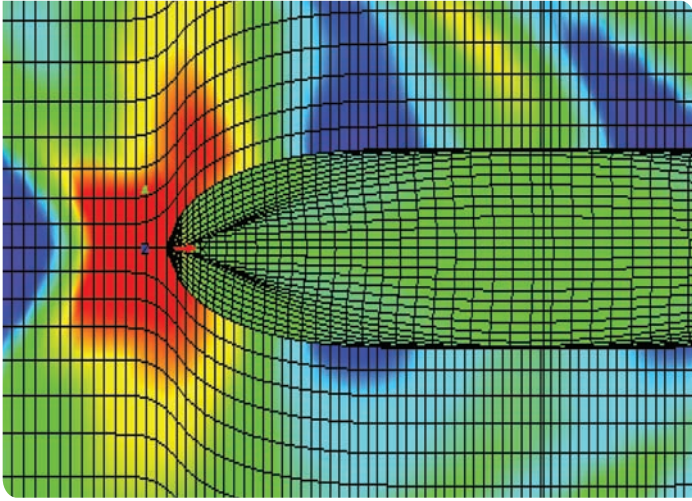
What's Inside

■ Shipbuilding	: CFD "Computational Fluid Dynamics", a new software for further optimized design solutions	2
■ Aluminium shipbuilding	: A new designed High Speed Crew Boat for Mutawa Marine	3
■ Ship repair	: Grandweld, a busy trimester for Conversions jobs	4
■ Staff News	: Profile & Interview / Stong team, productive team...	5
■ Events	: Musataha Agreement / Seatrade Exhibition	6



GMMOS GROUP

CFD “Computational Fluid Dynamics”, a new software for further optimized design solutions



2011 for Grandweld will be under the name of development. Grandweld engineers are set to commence work on the CFD software, Computational Fluid Dynamics which is an additional effort to bring further optimized design solutions to our client.

Computational Fluid Dynamics is an advanced computationally-based design and analysis tool able to predict the performance of a vessel by solving the complex fluid dynamic equations which describe the flow encountered by a vessel in a seaway. The benefits of this software to our clients are several:

- An optimization of new and existing designs at a reduced time and cost
- A reduction in powering requirement and fuel consumption while increasing high speed capabilities
- An improvement in the vessel seaworthiness to achieve higher speeds in very rough sea-states
- An optimization of propeller design to reduce cavitation and vibration.

Investing in such softwares is among several initiatives undertaken by Grandweld to ensure delivery of latest marine technology to its clients.

A new designed High Speed Crew Boat for Mutawa Marine to Expand Grandweld's Portfolio

Grandweld has celebrated the keel laying of its new vessel: the 24m High Speed Crew Boat for Mutawa Marine Works Est. The keel laying ceremony was attended by Mutawa Marine's General Manager, Mr. Mustafa Al-Beheiry and by his associate Port Engineer, Mr. Ashraf Ragab.



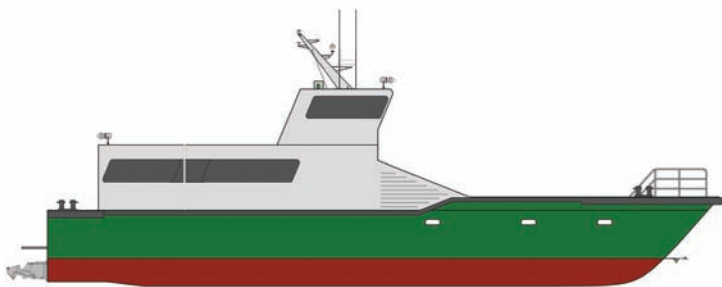
Keel laying Ceremony, ribbon cutting

This vessel is a new in-house design with speeds reaching in excess of 30 knots. Vessel has been model tested and extensively optimized to compete with similar existing vessels in the market. Design features include:

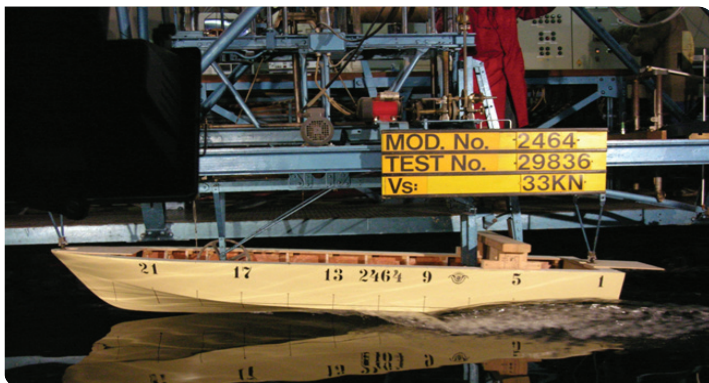
- 25 offshore personnel seating capacity with 6 crew cabins.
- High seaworthiness and passenger comfort.
- Low noise levels onboard.
- Customized Bow and recessed fore-deck for safe offshore landing operations.
- 360 degree wheelhouse visibility.

The vessel is scheduled for delivery in June 2011.

The Mutawa vessel is one of several recent aluminum orders which are scheduled for delivery in 2011.



24M FCB Model



Hull tested at Vienna model testing facility

24M Main Particulars

Length Overall (Scantling)	: 23.8 M.
Length Overall (With Fenders)	: 24.00 M.
Speed	: 30 Knots
Breadth Moulded	: 5.8 M.
BOA (With Fenders)	: 6.2 M.
Depth (at midship)	: 2.2 M.
Depth (Aft.)	: 2.7 M.
Hull	: Aluminium
Crew	: 6 Nos.
Seating Capacity	: 25
Main Engines	: 3 x MTU 8V 2000 M72 720 kw @ 2250 RPM.
Generators	: 2 x 47.5 KVA
Deck Cargo	: 7.00 Mt.
Capacities:	
Fuel Oil	: 2 x 4500 L
Fresh Water	: 2 x 500 L

Grandweld, a busy trimester for Conversions jobs

Grandweld has been quite busy with execution of the regions' prestigious and challenging conversion projects for CGG Veritas and Seacor Marine. These orders were secured amid stiff competition and are a clear demonstration of our never ending drive towards cost effective solutions for the marine conversion market.

The CGG Veritas project consisted of conversion of 6 (six) offshore supply vessels into Seismic Survey Vessels viz. 2 (two) Gunboats and 3 cable boats and 1 workshop vessel. The job included fabrication and installation of aft slipway structure in afloat condition and installing containerized offices, cable winches, gun winches, compressors, hydraulic power packs, generators, oil storage containers, workbenches and stainless steel cable chutes.

The Seacor Marine project involved addition of a fully equipped accommodation module for 14 persons with cabins, mess room, galley, a walk in freezer room, toilets with quality terrazzo flooring along with associated piping and accommodation fittings. The first vessel, MV Seacor Mariner was delivered to the client in early November to their complete satisfaction and the second vessel, MV Dean Andrew is being delivered in December.

Infrastructure Upgradation – Dynamic Balancing Machine

Grandweld has undertaken many jobs related to shafting, heavy/precision machining and propeller repairs in the recent past. As part of our continuing endeavor towards facility enhancement, we have installed and commissioned a state of the art dynamic balancing machine with these main particulars:

Maximum diameter : 2200 mm
Maximum weight : 3 Tons
Maximum RPM : 1200

This new equipment enables us to work out and offer in-house, value-for-money solutions to our clients for their dynamic balancing requirements, additionally to the possibility of reaching newer heights in the field of rotating equipment balancing viz propellers, shafts, couplings and varied turbo machinery.



Delancy Tide, Courtney Tide, Gary Tide & Hanks Tide, in Jebel Ali



Halul 24 & 40 in Dubai Maritime City (DMC)



Seacor 163



Dynamic Balancing Machine

Profile & Interview

**Bhupinder Singh Phull, 51 years old.
Head of the Carpentry Department.**

My first experience in Dubai was with GMMOS Group that I joined in 1983 as a Carpenter. After that, I was promoted to Leadman, Foreman, and then Carpentry Supervisor for a period of 4 years. From 1999, I was part of Grandweld team as Head of the Carpentry Department, a position I am still occupying for 11 years now.

Every day spent in Grandweld is a challenge and managing 80 people is not an easy task but by establishing common values of work for me and my team, we all overcome all the obstacles. Among these values:

- Carpentry is an art: the carpenter before being an employee is an artist and he has to deploy his feeling and creativity to tailor the designs to the client's requirements.
- Time respect: project's deadlines need to be met for the client and internal satisfaction.
- Health and safety: every one of us has to carry out his work in a safe, correct and efficient manner. We will be successful when no one is hurt.
- Commitment: everyone has to be responsible of his work in terms of quality and time to achieve it and we all need to demonstrate our commitment with actions rather than words.

Grandweld has always been a second family for me by giving me the support I need to grow. My turn I don't manage any effort to support my team and to share my know-how and experience with them for their evolution professionally and personally.

As a main resolution for 2011, I decided to develop my skills by opening myself more to new updates in the carpentry field and developments in the ship building industry in general. I strongly believe that professional success is the key for a life balance.

Singh is a father of two children and is practicing yoga in a weekly basis which gives him two strengths: patience and inspiration.



Stong team, productive team...

Teams that are strong, flexible, and productive can be the competitive edge needed to produce better results, achieve higher quality for the organization and the customer. And sport is undoubtedly one of the best ways to build a team's culture.

The last trimester was rich of sportive tournaments organized by GMMOS Group for its employees in coordination with the Ministry of Labor. Billiard, Basketball and Badminton were among the activities selected in Jebel Ali Camp for the profit of the employees. Grandweld's team represented by Kishore and Joobi won the Badminton Tournament. Congratulations guys!



In this picture from right to left:

- Joobi, Grandweld
- Kishore, Grandweld
- Ammar Shanabla, Sr. Camp Boss
- Abdullah Alsharji, Labour Dept.
- Shafeeq, Gmmos Group
- Santhano, Stanford Marine
- Anwar, Gmmos Group
- Abdulhaq, Grandweld

Grandweld, Drydocks World Dubai sign long-term ground development lease agreement



Jamal Abki, General Manager of Grandweld and Hamad Al Maghrabi, Managing Director of Jadaf Dubai

Grandweld and Drydocks World Dubai signed a long term ground development lease agreement (Musataha) on the 30th of August 2010 for a ship building and ship repair facility at the Industrial Precinct of Dubai Maritime City (DMC).

The agreement was signed by Jamal Abki, General Manager of Grandweld and Hamad Al Maghrabi, Managing Director of Jadaf Dubai and Director Shiplift, at a ceremony held at the Intercontinental Hotel, Dubai Festival city.

Under the Musataha lease agreement, Drydocks World Dubai leases DMC – Industrial Precinct plots SR 1 & 2 measuring 27,055 square meters to Grandweld for a period of 25 years.

“Grandweld, with two and a half decades of expertise in ship building, repair and conversion, is taking a new step by signing the Musataha agreement”, Jamal Abki explained. “The new facility in DMC is an additional milestone for Grandweld and will allow us to double our shipbuilding capacity. Moreover, it offers us extra capacity for docking larger vessels at the ship repair facility that has full and free access to the Arabian Gulf” he concluded.

Strong presence in Seatrade Middle East Maritime Exhibition

From the 26th to 28th of October 2010, Grandweld participated in Seatrade Middle East Maritime Exhibition in the International Convention & Exhibition Centre in Dubai.

On a stand spreading over an area of 54 sqm, Grandweld’s team welcomed many visitors curious to know the latest developments in the ship building industry.

Seatrade Middle East Maritime is the largest maritime exhibition & conference in the Middle East. The event represents the entire region and covers all aspects of the industry, from ship building to conversion, ports to offshore and finance to security. For the 2008 edition, 313 exhibitors and 6,000 attendees representing 58 countries took part in this exhibition.



Grandweld's Stand in Seatrade Middle East Maritime Exhibition in Dubai

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