

# OFFSHOREMARINE

Builder of distinction

May – June 2010

MICA (P) 153/04/2008



## NEW SAFETY TRAINING CENTRE OPENS

Keppel AmFELS  
delivers first  
Rowan rig

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Keppel FELS edged four other finalists to clinch the Offshore Yard Award at the Seatrade Asia Awards 2010.

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OffshoreMarine is a bi-monthly publication of Keppel Offshore & Marine Ltd

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# A perfect headstart



The first Rowan EXL rig delivered on time, on budget

Keppel AmFELS, the US wholly-owned subsidiary of Keppel O&M, has delivered the first of four EXL rigs to Rowan Drilling Company, Inc. (Rowan) safely, on time and within budget.

The rig was christened Rowan EXL I at the Brownsville yard on 4 May 2010. Its first assignment is a 10-month drilling contract with McMoRan Exploration in the US Gulf of Mexico.

David Russell, President of Rowan, said, "With the strengthening

demand of higher-specification jackups for deep and difficult wells worldwide, the addition of the Rowan EXL rigs to our premium fleet will augment our asset base and boost our ability to meet the growing needs of our customers.

"As such, I am pleased that Keppel AmFELS has delivered the first of our four Rowan EXL rigs with a perfect safety record, on time and within budget. The talent, experience and effort of both our teams have been critical in the completion of this top-class rig."

G.S. Tan, President & CEO of Keppel AmFELS, said, "The safe, on-time and within-budget delivery of Rowan EXL I is another feather in the cap for Keppel AmFELS, demonstrating our robust construction capabilities and commitment to meet our customers' needs."

Meanwhile, construction of the remaining three rigs is progressing well.

## Bouquet of thanks

Jim Bob Moffett, Co-Chairman of the Board, President & CEO of McMoRan Exploration Co., and his family were impressed with the depth of details and attention paid to making the naming ceremony of Rowan EXL I a memorable success.

"This is truly a remarkable achievement in the road towards a more energy independent future for our country," said Lady Sponsor Mrs Laurée Moffett, in a note of thanks to the Company.

"Beautiful crystal candlesticks, personalised crystal vases, and gold ribbon-cutting scissors – all these will be on proud display in the house of the Moffett family," she added.

# KPMI posts 15% rise in 1Q profits



Subic Shipyard is one of three shipyards operated by KPMI

Keppel Marine Philippines, Inc (KPMI), a subsidiary of Keppel O&M, reported a consolidated net profit of P185.2 million in the first quarter of 2010, 15.3% higher than a year ago.

Its revenue for the period amounted to P495.7 million, while operating profit was 63.2% higher compared with the same period last year, reaching P131 million, due to higher margins and lower operating costs.

Shiprepair contributed 81.5% to total sales while shipbuilding and fabrication contributed 18.5%.

For the second quarter of 2010, KPMI expects more vessels from the domestic market to visit its shipyards for major repair works.

KPMI, comprising Keppel Batangas Shipyard and Subic Shipyard & Engineering, Inc., serves domestic and international ship owners.

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## Safety rewards

For clocking eight million incident-free manhours during the construction of semisubmersible rig, Maersk Deliverer, Maersk Drilling has awarded a safety bonus of \$48,000 to Keppel FELS.

Maersk Deliverer is the latest addition to the trio of DSS™ 21 deepwater semisubmersible drilling rigs built by Keppel FELS for Maersk Drilling. The unit was delivered 43 days early in April this year.

The award is testament to Keppel FELS's solid track record in executing projects safely and efficiently, as well as to the safety partnership built over years of collaboration with Maersk Drilling.

Keppel FELS's Project Manager for the rig, Yeong Yew Ming said, "In the months spent building Maersk Deliverer, both our project teams have always placed the utmost priority on safety. We recognise that the best productivity can only be achieved in a safe worksite.

I am very pleased that our efforts, requiring the total commitment of the site teams, have paid off."

The rig is already committed to an initial programme with Dana Petroleum for drilling offshore Mauritania, West Africa.



Erik Madsen, Site Manager of Maersk Drilling(right) presents the safety bonus cheque to Keppel FELS's Project Manager, Yeong Yew Ming

# Fundamental demand

At the Asia Oil & Gas Conference in June, CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M, shared with Sri Jegarajah of CNBC Asia on the industry's outlook and the challenges and opportunities in the face of the Gulf of Mexico crisis.

## Is there fear within the industry that we are going to see a regulatory backlash arising from the oil spill incident in the US Gulf of Mexico?

The moratorium that the US government declared in the US Gulf is going to affect all the rigs there and their operators.

Many of them will not wait until the moratorium is lifted. They will likely move the rigs out because there are deepwater areas in other parts of the world which need such rigs for drilling activities.

The authorities may swing the other way and be overly strict. When that happens, the cost will go up for drillers and oil companies, and that would affect the business in the end.

Fundamentally, the industry outlook remains sound as oil demand, particularly, in emerging countries in Asia, is rising and is likely to continue to rise.

## Will the regulatory backlash create pressure on margins for your company?

What we will see is that new rigs will be required because the old and less capable rigs may not be allowed to drill in deepwater wells.

We need to have a larger sphere of safety, not only on the rig, but also all the equipment that goes into the rig.

To make sure that things don't go wrong, there will be more lines of defense to ensure that there is no blowout, so all this will add cost to the industry. We are in a good position to provide this support to the industry.

## Will we see a slowdown in new rig orders? Or could this be offset by increased services and maintenance contracts?

For shipyards like Keppel, we can build new rigs, as well as repair and upgrade them.

We think there will be more stringent safety requirements and survey compliances. There will be less deferment for inspections and surveys, and fewer waivers.

## Looking at the outlook for the rest of the year, and possibly into 2011, how is your orderbook looking?

It is better than what we feared, while at the same time, it is not as good as what we want. This year, our yards are still busy. Since last year, Keppel has had zero debt.



"With a strong balance sheet, we are well-positioned to seize opportunities as the economy recovers and capture value in our key businesses and deliver sustainable returns to shareholders."

*CB Choo  
CEO of Keppel Corporation and  
Chairman of Keppel O&M*

# Rigging up repairs



Project teams from Stena Drilling and Keppel FELS worked hand in glove to restore Stena Clyde to tip-top condition



BrasFELS completed work on Pride Carlos Walter safely, on time and within budget

Semisubmersible (semi) drilling rig, Stena Clyde shone with a new sheen of pride in June, after undergoing repairs and a major upgrading programme within a quick turnaround of under 60 days at Keppel FELS.

The rig, which came from Australia, underwent a Special Periodic Survey (SPS), engine replacement and mooring winch system upgrade.

To speed up work, Keppel FELS's Flying Squad decommissioned the engine room while the rig was en route to Singapore, so that it could be removed immediately upon arrival at the yard in April.

The repair team onsite synchronised special survey and remedial works while undertaking

swift execution of top-grade steel and piping renewal works. The hull was also refurbished to mint condition.

Donald Bradford, Project Manager from Stena Drilling, shared, "It has been an absolute pleasure to undertake Stena Clyde's SPS and upgrading works at Keppel FELS. The planning and execution phase of the project was clearly well-considered and daily updates and feedback were essential to meet the tight deadlines.

"In addition to the original contractual scope, the shipyard also took on additional work within the allocated time. Stena wishes to express our sincere gratitude and congratulate Keppel FELS for its excellent service, quality and professionalism."

Over in Brazil, Keppel's BrasFELS yard has completed the repair and upgrading of Pride International's semi, Pride Carlos Walter. Arriving at the yard on 20 March 2010, the work scope included steel repairs, riser bay upgrade, mechanical system upgrade, as well as recoating of the columns.

KC Kwok, President and CEO of Keppel FELS Brasil, said, "This successful project marks another feather under the cap for BrasFELS, as we continue to strengthen our position as Brazil's preferred partner in offshore rig design, construction and repair."

Both Stena Clyde and Pride Carlos Walter have returned to satisfied owners for deployment in Australia and Brazil respectively.

# The best offshore yard



Wong Kok Seng, ED of Keppel FELS (centre) receiving the Offshore Yard Award for Keppel FELS from Olav Eek Thorstensen (left), Chairman of Thome Offshore and Chris Hayman (right), Chairman of Seatrade

Keppel FELS edged four other finalists to win the Offshore Yard Award at the Seatrade Asia Awards 2010.

Held on 26 April 2010 at the Shangri-La hotel, the awards aim to raise the profile of maritime development across Asia and underscore the excellence, innovation and success of its companies in the region.

Receiving the award on behalf of the company, Wong Kok Seng, ED of Keppel FELS, said, "Keppel FELS's global renown is built on a vital combination of strong execution capabilities and proven technology, which we continually harness to deliver value-added solutions to our customers, wherever they are. Imbued with the Keppel Can Do! spirit, we have a young, committed and motivated team who strive to deliver to the customers' satisfaction.

"This has enabled us to deliver an industry record of 24 rigs over a period of two years. The prestigious Offshore Yard Award from Seatrade is an affirmation of the hard work of our people and the winning partnership we have with customers and vendors, whom we call partners.

"I am confident that with their continuous support, Keppel FELS will continue to grow from strength-to-strength, bringing forth innovative solutions for the offshore industry safely on time and within budget."

In support of the industry, Keppel O&M also sponsored the Tanker Owner operator award which Nelson Yeo, MD (Marine) of Keppel O&M presented to the winner, BW Fleet Management.

# A mighty lift

Asian Lift celebrates 25 years.



Asian Lift, the operator of some of the world's most powerful floating shearleg cranes has been consistently providing quality heavy lifting services to ports, shipyards and major civil projects for over 25 years

**"My team forms the backbone of this organisation and have been like family to me."**

*John Chua,  
GM  
Asian Lift*

Asian Lift had much to celebrate. The operator of some of the world's most powerful floating shearleg cranes has consistently provided quality heavy lifting services to ports, shipyards and major civil projects for over 25 years. It has a strong presence in the Asia Pacific region, and enjoys growing demand for its services in Europe and Central America.

CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M, commented that Asian Lift's business has been resilient through the years, with the company deploying their cranes to markets such as Canada when business was less hectic in Asia.

He highlighted a little known fact that cranes are registered civil resources in Singapore and can be called upon for construction and to clear wreckage during national emergencies.

Asian Lift was forged from a strategic partnership between Keppel FELS and Smit Singapore in 1985. Part of the reason for the company's steady growth in scale and spread lies in the complementary capabilities of its two founders.

Thus, the silver anniversary was not only a celebration of Asian Lift's achievements but also a tribute to the winning partnership between Keppel and Smit.





Keppel, Smit and Asian Lift managements raise their glasses to rewarding partnerships and enduring success

In his address, John Chua, GM of Asian Lift, gave special thanks to CB Choo and Abel Dutilh, MD of Smit Salvage & Smit Transport Heavy Lift Division BV, who have given Asian Lift and its team much guidance and support, especially during its formative years.

John Chua also expressed appreciation for his dedicated team. He said, "They form the backbone of this organisation and have been like family to me."

Under the stewardship of John Chua and with support from employees, customers and business partners, the resilient Asian Lift is set to extend its mighty reach and enjoy more good years ahead.



John Chua, GM of Asian Lift (left) and business representatives from Keppel celebrate Asian Lift's silver jubilee on 27 May 2010

# Solid progress



Keppel Shipyard, Frontier Drilling and Shell celebrated the naming of Bully I, which has achieved over five million man-hours without lost-time incidents to date

Keppel O&M celebrated several key construction and naming milestones with their offshore and marine customers in the months of May and June.

## FIRST BULLY NAMED

On 19 June 2010, Keppel Shipyard celebrated the naming of the drillship Bully I. It is the first of two Bully drillships Keppel is undertaking for a company jointly owned by Frontier Drilling and Shell.

Held at Keppel Shipyard, Tuas, the vessel was named by Lady Sponsor, Susan Ward, Head of Mergers & Acquisitions and Commercial Finance, Americas, Shell.

The project was a culmination of

the close cooperation between Keppel and Frontier Drilling. This partnership extended to the drillship's hull assembly production phase at Shanghai Shipyard, where Keppel Shipyard provided a team on site to collaborate with Frontier Drilling during the block erection phase prior to the vessel's arrival here in 2008.

## STRONG FOUNDATIONS

Project teams from Keppel FELS and Ensco plc celebrated the keel-laying for ENSCO 8506, the seventh unit of the ENSCO 8500 Series® semisubmersible drilling rigs built exclusively by Keppel FELS on 25 May 2010.

Backed by strong execution abilities and familiarity with

the ENSCO 8500 Series® design, Keppel FELS is well on track for the construction of the remaining four rigs.

## CUT OF FINESSE

History was in the making at the strike steel ceremony for Saudi Aramco's first purpose-built KFELS Super B Class jackup at Keppel FELS on 4 May 2010.

The cutting of the rig's first steel comes just about three months after contract signing between Keppel FELS and Aramco Overseas Company. This rig is slated for delivery in the second half of 2012 for work in the Middle East.

## Kudos to excellent service



Songa Mercur underwent safe and efficient inspection and maintenance works at Keppel FELS

Keppel FELS continues to add to its reputation as the trusted offshore rig repair and upgrading specialist worldwide.

Songa Mercur has returned to exploration work off Sakhalin Island, following the on-time, on-budget completion of special periodic survey (SPS) works.

The semisubmersible rig, belonging to Norwegian driller Songa Offshore, departed Singapore on 11 May 2010.

Trond Christensen, COO of Songa Offshore, commended the project teams, saying, "Thanks for a safe and efficient SPS and operational preparedness work carried out on Songa Mercur.

"The massive job and tasks undertaken have been carried out to highest standards, exceeding our expectations and we are very pleased to see that the rig leave the yard in good condition, ready for the next five years of service."

## Launching into action

It was a milestone occasion for the employees and customers of Keppel Singmarine, who gathered to celebrate the launch of a Multi-Purpose Supply and Support Vessel (MPSSV), H344, on 15 May 2010.

Amid favourable weather, the vessel slid gracefully into the waters, along the 180-metre long slipway at Keppel Singmarine.

Constructed for Greatship Global Offshore Services Pte. Ltd (Greatship), a member of the Great Eastern Shipping Group of India, H344 is expected to be delivered by third quarter 2010. Hoe Eng Hock, ED of Keppel Singmarine, said, "We are proud



Keppel Singmarine celebrated the successful launch of H344, the fourth state-of-the-art vessel it is building for Greatship

to be building the fourth state-of-the-art vessel for Greatship, which will be a powerful addition to their fleet. With our expertise and commitment to deliver this fine vessel, we look forward to many more milestones to be achieved in the months ahead."

This 94-metre long vessel has been equipped with two units of electrically driven 2600KW Azimuth thrusters and three units of 1050KW tunnel thrusters to achieve a Dynamic Positioning II capability.

# Keppel connects in Houston



Industry magnates worldwide renew ties and forge new partnerships at the 2010 Offshore Technology Conference and Keppel cocktail reception

Some 72,000 people, including offshore energy industry experts from 110 nations across the globe, flocked to the world's foremost event, Offshore Technology Conference (OTC) in Houston from 3-6 May 2010.

Keppel O&M showcased its expertise in offshore rigs,

shiprepair and conversions, specialised shipbuilding at the exhibition, a competency that has helped put Singapore on the global offshore and marine map.

Overseas business units such as Keppel Verolme and Keppel FELS Brasil and associate company Floatec, LLC, also participated in OTC.

Another key highlight of OTC was the highly anticipated 'OTC Reception' hosted by Keppel O&M. Over 600 customers, business associates and friends turned up for the most talked about party where food and drinks flowed freely as acquaintances were renewed and new friendships forged.

Founded in 1969, OTC is the world's foremost event for the development of offshore resources in the areas of drilling, exploration, production and environmental protection.

#### CELEBRATING 20 YEARS OF EXCELLENCE

For the past two decades,

Keppel AmFELS has grown and transformed itself into the most well-equipped offshore shipyard in the Gulf of Mexico.

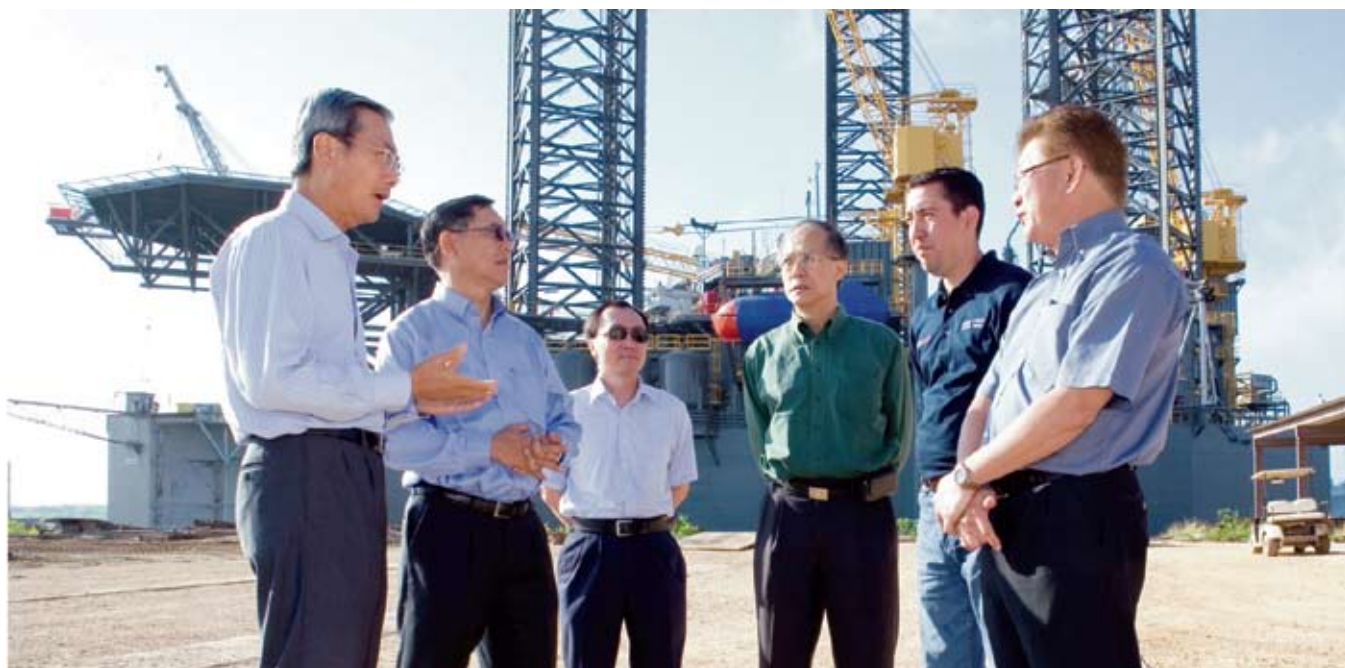
The Company has also established good relationship with the people of Brownsville through its consistent support of education and community development.

Enroute from OTC to Brownsville in May, Dr Lee Boon Yang, Chairman of Keppel Corporation and CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M visited Keppel AmFELS and were warmly welcomed by Keppelites, local dignitaries and community leaders. Dr Lee and CB Choo were also presented with Honorary Texans certificates and US flags

with certificates of authenticity endorsed by Texas State Senator Eddie Lucio Jr.

A congratulatory letter by the US Congressman Solomon Ortiz was also read out, where he commended Keppel AmFELS for its twenty years of excellent service to the economy and community of Brownsville.

G.S. Tan, President & CEO of Keppel AmFELS, also gave the senior management an update on the yard's capabilities, strategies and challenges, as well as investment opportunities in Brownsville during their tour at the yard.



Dr Lee Boon Yang (extreme left), Chairman of Keppel Corporation and CB Choo (second from left), CEO of Keppel Corporation and Chairman of Keppel O&M, toured Keppel AmFELS yard and office facilities

# Engaging global stakeholders



Keith Teo, GM (Marketing) of Keppel FELS (fourth from right) gave a comprehensive brief of Keppel O&M's businesses as the Brownsville delegates enjoyed the panoramic view of the yard from the Keppel O&M Tower

Keppel O&M showcases its professional expertise and commitment to quality to diverse stakeholders, who called at the Group's various facilities.

## FROM PORT TO PORT

Honouring this longstanding partnership, Eduardo Campirano, Port Director & CEO of Port of Brownsville, Ralph Cowen and Martin Arambula, both Commissioners of Port of Brownsville, as well as Jason Hilts, President & CEO of Brownsville Economic Development Council, made a visit to Keppel O&M on 10 to 11 June 2010.

Keppel O&M's relationship with Brownsville goes back some

20 years, and has grown from strength to strength. Brownsville is the location of Keppel AmFELS, an offshore facility in the US which has been part of Keppel's global network of yards since 1990.

Dr Lee Boon Yang, Chairman of Keppel Corporation, CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M, CH Tong, CEO of Keppel O&M and Ho Cheuk Yuen, Senior GM (Group Procurement) of Keppel O&M, warmly welcomed and hosted lunch for the visitors.

## CONNECTING WITH INVESTORS

Keppel FELS was a key stopover for two groups of international investors who were in Singapore

to attend investor conferences organised by Deutsche Bank and Nomura Singapore.

The investors engaged Keppel's senior management on topics such as the outlook of the offshore and marine industry, company outlook and expansion plans, the Petrobras tenders and the impact of the oil spill in the Gulf of Mexico.

Such site visits to the Group's facilities enable the investing community to have a better understanding of Keppel's O&M's businesses, as well as its competitive advantages.

## MEETING VIETNAM'S



The Deutsche Bank conference participants gained better clarity of Keppel O&M's project management skills through a guided yard tour

### ENERGY NEEDS

With Vietnam's first semisubmersible drilling tender (SSDT) being constructed by Keppel FELS in Singapore, senior executives from PetroVietnam called in at the yard on 15 April 2010.

From Vietnam's national oil and gas group, Phung Dinh Thuc, President & CEO of PetroVietnam, and Do Van Khanh, President & CEO of PV Drilling, were warmly welcomed by CH Tong, CEO of Keppel O&M and Wong Kok Seng, ED of Keppel FELS.

The meeting discussed the on-schedule construction progress of the rig, which is being built to Keppel's proven KFELS SSDT™ 3600E design. The design was conferred the ASEAN outstanding engineering achievement award in December 2009 for its eco-friendly features and sustainable operations.



Deepening engagement between the companies are CH Tong (left), CEO of Keppel O&M and Phung Dinh Thuc, President & CEO of PetroVietnam

# Safety all the way



Keppel O&M management and workers pledge their commitment for a strong safety culture

## LENDING A SAFETY HAND

Playing its part to promote safety beyond its workplace, Keppel O&M supported the National Workplace Safety & Health (NWSH) campaign 2010 by actively participating in various competitions.

Spanning three months, the campaign was launched on 29 April 2010 by Minister for Manpower, Gan Kim Yong. This year's campaign slogan "Safety is in my hands" aims to change mindset, and build a strong safety culture across the different industries in Singapore.

This is the third year that Keppel is supporting the National safety efforts with a contribution of \$100,000. Taking the lead, senior management from Keppel came together to pledge

their commitment to safety through a video.

From the over 800 entries in this year's competition, Kenny Xu, an engineer (Mechanical/Machinery) from Keppel Singmarine won the silver award for the Short Video/ Film segment.

## SUSTAINING BEST PRACTICES

This year's HSE Excellence promotion campaign at Keppel FELS focused on reminding everyone to work safely at heights. To reinforce the message, the committee adopted the slogan – G.U.A.R.D.S. – which in short stands for "Go Up And Return Down Safely".

At the opening ceremony, CH Tong, CEO of Keppel O&M

encouraged staff, contractors and customers to join hands with Keppel FELS in striving towards a safe and healthy workplace for all as "sustained improvements in HSE require strong commitment from everyone".

## INNOVATIVE REWARDS

At Keppel Shipyard, 11 teams presented ideas on ways to save lives and prevent workplace injuries at its annual Safety Innovation Team convention on 11 May 2010.

Team 'E' Star from Alpine's electrical department win the gold award for their project "Improving Multi Cable Transit and Cable Coaming Installation" which significantly reduced the installation time and exposure to hazards.



Taking the silver was the Hull department from Keppel Shipyard (Gul) for a gangway design which does not obstruct the shore crane on the quayside and can be used safely at high or low tide. Meanwhile, the Hull section from Keppel Shipyard (Benoi) clinched bronze for its portable man-hole access cover that improves the safety of workers in confined space and working at height.

#### AIMING FOR ZERO

Partnership and teamwork are key aspects of ensuring safe operations. Keppel Shipyard works closely with its customers and contractors to encourage a culture of safety and to aim for zero lost-time incidents in all projects.

On 4 May 2010, Keppel Shipyard with its partners Woodside and SBM dedicated their time to "Stand Together for Safety" for the FPSO Okha conversion project. The event aims to reinforce the message of 'Safety First' to workers, supervisors, line managers and contractors.

Kevin Gallagher, Executive Vice President of Woodside thanked the project team and the 1,200-strong workforce involved in the conversion for their efforts in achieving and maintaining its current perfect safety record in over 4.1 million man-hours worked.



Kenny Xu (fourth from left) from Keppel Singmarine showcases on his award-winning video on the consequences of unsafe behavior to Minister Gan Kim Yong and Keppel management



Keppel Shipyard's safety partner Woodside gets hands on with safety – a customer representative demonstrates the safety procedures at work

# Keppel Safety Training Centre opens



Guided by experienced trainers, the new safety training facilities provides a conducive learning environment for the workforce

Dr Lee Boon Yang discusses safety aspects of

Keppel O&M took another stride towards a zero-incident workplace with the opening of its new integrated safety training facility, the Keppel Safety Training Centre. Located at Keppel Shipyard (Tuas), the Centre offers a complete range of safety training and certification courses in both trade-specific and broad-based skills for its workforce across all levels.

The Centre is one of the key elements of Keppel Shipyard's Safety Excellence (SE) 2015 initiative, through which the company seeks to foster a pervasive safety culture and impart relevant safety

competencies to its 14,000-strong multinational workforce, including subcontractors.

The Centre was declared open on 10 June 2010 by Mr Hawazi Daipi, Senior Parliamentary Secretary for Manpower & Health. He said, "I am pleased to be here to launch this first-of-its-kind centre that is run by a company for its workforce. Centres like this will help to extend this training to benefit even more workers."

Nelson Yeo, MD of Keppel O&M (Marine) and Keppel Shipyard, said, "The Centre draws on the

combined resources and expertise of Keppel and our safety partners to provide critical programmes and infrastructure to raise the safety standards of our workforce.

"Training at the Keppel Safety Training Centre will be a prerequisite for all workers at Keppel Shipyard. We will sponsor all our direct and subcontract workers for the same set of courses so as to imbibe in them a common safety mindset and attain a uniform level of competencies across the board. We need to be aligned at all fronts so that no one gets hurt."



g (left), Chairman of Keppel Corporation and Guest-of-Honour Mr Hawazi Daipi (centre) are acquainted with the specific marine trades at the Keppel Safety Training Centre

Core competency and safety leadership development programmes, as well as Workforce Skills Qualifications courses certified by the Singapore Workforce Development Agency, are some of the key training modules conducted by qualified, full-time instructors at the Centre.

Mr Hawazi Daipi added, "As we aim to raise our national safety standards in the marine sector, big players like Keppel and its various partners will play a pivotal role in influencing those who work for or with them to adopt proper risk management.

"Last year, the Keppel O&M group committed to help all its subcontractors to achieve bizSAFE Level 3 by 2012. I am pleased to note that 100% of Keppel Shipyard's resident subcontractors have already attained this standard, way ahead of the target. As part of Keppel Shipyard's SE 2015 initiative, it has also committed to help its subcontractors develop further to reach bizSAFE Level 5 and put in place comprehensive WSH management systems."

Joining Keppel Shipyard in creating an incident-free workplace are safety partners Exxon Mobil,

**"The Centre draws on the combined resources and expertise of Keppel and our safety partners to provide critical programmes and infrastructure to raise the safety standards of our workforce."**

*Nelson Yeo  
MD  
Keppel O&M (Marine) and  
Keppel Shipyard*

*Continues on page 20...*

## SPECIAL FEATURE

Continues on page 20...



Nelson Yeo, MD of Keppel Shipyard, shares how the new semi-automated pipeshop has improved safety and productivity for workers



Dedicated and professional trainers help impart safety ownership and facilitate lively discussions

SBM, Shell, Prosafe Production, BW Offshore, Woodside, Statoil, Maersk FPSOs, BP and Frontier Drilling.

### SAFETY EXCELLENCE 2015

As part of its safety journey which began in 2002, Keppel Shipyard continues to focus on strengthening its safety culture through the SE 2015 initiative, imparting relevant skills and work habits to its workforce and reinforcing ownership for safety at individual and collective levels.

The cumulative effect of Keppel Shipyard's safety journey has lowered its Accident Frequency Rate from 0.26 in 2008 to 0.15 reportable injuries per million man-hours worked at the end of 2009.

### LONGSTANDING SAFETY PARTNER

Rendering its full support to Keppel Shipyard's commitment to achieve an incident-free workplace is Heatec Jietong. The company is a longstanding supplier of heat transfer and piping systems to Keppel Shipyard since 1990 when it was formed. It currently has more than 800 of its 1,200-workforce working at Keppel Shipyard.

Chua Eng Seng, GM of Operations (Piping) at Heatec Jietong, shared, "We are greatly encouraged that Keppel Shipyard has always keenly involved and engaged us in its safety journey.

"Our workers who work at Keppel Shipyard had previously undergone

and benefitted from thorough and rigorous safety training provided at Keppel O&M Training Centre. We are pleased that they will deepen their safety knowledge and competencies at the new Keppel Safety Training Centre, sponsored by Keppel Shipyard.

“Equipped with a full range of multimedia and training tools and a risk-free simulated learning environment, I am confident that the training centre will continue to raise the safety quotient of our workforce.”



Mr Hawazi Daipi, Senior Parliamentary Secretary for Manpower and Health, tries his hand at a safety test at the e-learning corner of the Keppel Safety Training Centre

## Keppel Safety Training Centre



The Centre comprises a main building with classrooms and a safety journey hall, a replica of the middle segment of a vessel as well as other technical skills training terminals

Keppel Safety Training Centre comprises a three-storey building equipped with classrooms, an e-learning zone, and a safety journey hall with multimedia and interactive training stations.

It also features the Mid-Ship Module, a life-size replica of the mid-section of a tanker with various technical training areas to provide a suitable context for hands-on learning.

The Mid-Ship Module is a six-level steel structure complex built to simulate working conditions in the mid-section of a tanker. Some of the main courses conducted here include Confined Space Safety, Hotwork Assessment, Observation and Intervention Skills and Risk Assessment.

Keppel Shipyard is committed to sponsor all its 14,000 direct and indirect workers to undergo safety training at the Centre for free. The courses offered at the Centre include a Core Competency course, Workforce Skills Qualifications, Safety Leadership and Safety Promoter Scheme.

# In the company of comrades



CH Tong, CEO of Keppel O&M attributes the Medal of Commendation Gold Award he received from NTUC Secretary-General Lim Swee Say, to the collective efforts of the management team, union leaders, and workforce

Constant innovation. Productivity improvements. Strong leadership. Solid tripartite management-union-labour-relations. These are just some of the ingredients to Keppel O&M's success and leadership position.

This May Day 2010, Keppel O&M's senior management and union leader are honoured by the National Trades Union Congress (NTUC) for their significant contributions towards people development initiatives and good industrial relations.

## LEADING THE DRIVE

### CH Tong

For his positive contributions to

the Labour Movement and in promoting harmonious labour-management relations, CH Tong, CEO of Keppel O&M was bestowed the Medal of Commendation Gold Award by NTUC.

CH Tong shared, "People are the backbone of our organisation. Sustained efforts in nurturing and training employees during the good and bad times have allowed Keppel to develop and maintain a resilient and capable workforce, which drives value for our customers.

"We also owe our success to the win-win relationship forged with our unions over the years. Together, we have worked hand-in-hand through some of the most challenging economic situations to help the Company save costs and stay competitive, whilst ensuring the welfare of our employees. "

CH Tong has been a consistent supporter of the three unions under the group's care for the last 30 years. A strong believer in skills upgrading, he supported NTUC initiatives like the Marine Job Re-creation Programme, the Skills Programme for Upgrading and Resilience and the Association of Marine Singapore's Super V & V2 programmes.

### Abu Bakar Mohd Nor

A strong advocate of workplace safety, Abu Bakar Mohd Nor, Senior GM (Operations) of Keppel Shipyard, also GM of Health,



Abu Bakar Mohd Nor



Mohamed Yusop Mansor

Safety and Environment (HSE) of the Keppel O&M, has championed numerous safety awareness initiatives including the Workforce Safety and Health Council.

At Keppel Shipyard, Abu Bakar oversees a daily workforce of more than 14,000 workers, ensuring that

## Partners in productivity

Cheaper, better, faster (CBF) has long been a part of Keppel FELS's competitive advantage and business philosophy. At the NTUC May Day Awards (Institutional Category) 2010, the company was honoured with the CBF Model Partnership Award.

The award recognises and rewards outstanding organisations that have made a significant impact in enhancing productivity, upgraded their capabilities and responded quickly to market changes and ensured their competitiveness.

Wong Kok Seng, ED of Keppel FELS, said, "This award acknowledges the dedication put in by all our employees and union leaders. Our solid



Keppel FELS was honoured the Cheaper, Better, Faster Model Partnership Award at the NTUC May Day Awards

partnership has enabled Keppel FELS to maintain its leadership position and reap greater efficiency gains over the years."

every one of them returns home unharmed.

For his support towards workers' welfare and NTUC's programmes and projects, Abu Bakar was honoured with the Medal of Commendation Award.

### MOHAMED YUSOP MANSOR

He joined Keppel Employees Union as a Sectional Delegate in 1990, and was elected into the Executive Committee in 1993. In 2006, Yusop Mansor became the Union's

President, a position he still holds today.

In October 2009, he successfully signed a MOU with management on older workers, allowing them to be re-employed on the same terms and benefits.

For his dedication and passion towards serving the Keppel Employees Union, Yusop Mansor was recognised with the Comrade of Labour Award.

# Innovation tops

15 teams from Keppel FELS did the company proud by bagging three Gold, nine Silver and three Bronze awards at Singapore's National Innovation and Quality Circles (iQC) Convention 2009.

Management and the winners celebrated the achievement at an awards ceremony held on 24 May 2010. The awards were conferred based on an assessment by the Singapore Productivity Association.

The teams were selected to enter the national convention after performing outstandingly at Keppel FELS's annual in-house iQC Convention, organised by the Quality System department during Innovation Month in September 2009.

Then, 48 teams had pitched a slew of creative proposals that could generate collective savings of up to \$5.24 million per annum.

Vincent Neo from the Subcontract Management department, whose team Q-Box won Gold, shared that management's support was imperative. "We received great support from our bosses and also the co-operation of colleagues from other departments and sections," he said.

Q-Box's solution to restructure electrical unit rates by cable types was implemented on seven

semisubmersibles since first quarter of 2009 and has enabled the company to save some \$5 million so far.

Another Gold award-winning project was by STARNOVA

from Production (Electrical & Instrumentation) department. The team designed a new storage rack for cable drums that has raked in man-hour savings in cable-pulling activities and better housekeeping.

## Rooms for improvement



Ideas flow and garner momentum at i-Corners in Keppel FELS

There is always room for improvement at Keppel FELS and the yard has taken a literal step towards increasing efforts to promote innovation for improvement by setting aside a dedicated room in each of its workshops for idea-generation.

In these special rooms, which are named i-Corners, employees are

encouraged to exchange ideas and discuss suggestions that can better any aspect of their work, adopting the KFELS "3A's" approach to innovation – Adopt, Adapt, Advance.

Knowledge is shared with others through presentation materials that are showcased at the i-Corners.



# Superior solution

Floatel Superior is in full operation for ConocoPhillips in the Bayu Undan field outside East Timor.

The floatel is playing a critical role as an integrated housing, office and recreational complex for the 500 people estimated to be deployed to support the operation of the Central Production and Processing (CPP) complex.

Floatel International's Project Manager for this charter, Henrik Woodbridge, said, "Expertly designed and constructed by Keppel FELS to offer superior living quarters, modern recreational



Floatel Superior (in red) in action in the Bayu Undan field outside East Timor

facilities, added safety features and advanced support services, Floatel Superior is proven to be unrivalled by existing fleets."

Keppel FELS is currently building a second accommodation rig, Floatel Reliance.

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## Partners at work and play



Keppel FELS's Sundowners party is a hit with customers and staff seen here playing a game of bingo

Whirling the wheel of fortune at Keppel FELS's Sundowners party brought big smiles to customers and staff on 23 April 2010.

Brimming with exciting games such as bingo, a spin of the wheel of fortune and lucky draws held at the top floor of KOM Tower, the evening was a fun-filled get-together, organised by Keppel FELS for its customers and partners.

The informal get-together enables Keppel FELS to deepen its customer

relationships and engagement. Over time, the teams have become both friends and partners at and outside work.

As one of the party-goers, Jens Rasmussen, Site Manager of Floatel International, said, "We enjoyed the evening of merriment and games but more importantly, the opportunity to get to know our counterparts at Keppel FELS better outside the realm of work."

# Champions for green practices

Keppel FELS was among 49 Founding Partners which have pledged to drive energy efficiency in Singapore.

The Energy Efficiency National Partnership (EENP) programme was launched on 29 April 2010 by the National Environment Agency (NEA), Energy Market Authority and Economic Development Board.

The voluntary public-private sector initiative aims to help companies adopt energy productivity improvement projects at the organisational level to minimise wastage.

CH Tong, CEO of Keppel O&M, said, "We are always looking for ways to enhance energy efficiency in our operations. By doing so, we have been able to become more cost-effective and add greater value to our business, at the same time reduce our carbon footprint.

"We are very enthusiastic about being a Founding Partner of EENP, to help advance Singapore's sustainable development blueprint as well as to step up our continuous efforts to adopt best practices."

The manufacturing industry, with

sectors like petroleum refining, petrochemical, electronics and pharmaceuticals, accounts for almost 60% of total energy consumption and has the potential to maintain economic competitiveness by adopting energy efficient solutions.

Other Founding Partners include 3M Singapore, GlaxoSmithKline, Pfizer Asia Pacific, Shell Eastern Petroleum and Keppel Digihub.

EENP partners will be expected to work towards the adoption of an Energy Management System, where each company will appoint an energy manager, establish objectives and targets, develop energy policies and implement energy efficiency projects to meet these targets.

Partners can look forward to preferential rates for EENP learning events and benefit from NEA's incentive schemes. They will also have opportunities to network and participate in benchmarking studies with peers, workshops and seminars.

Recognition will be given to companies that have implemented excellent energy management practices and achieved substantial savings as a result.



Recognition will be given to companies that have implemented excellent energy management practices and achieved substantial savings as a result

# Strengthening ties with Nantong



CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M, receiving the appointment plaque as the advisor for SSTIP from Ding Dawei, Mayor of the Nantong Municipal Government on 10 June 2010

Reflecting the strong friendship between Keppel and Nantong, CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M, was appointed as an advisor for the Suzong Science & Technology Industrial Park (SSTIP) in Nantong, China, on 10 June 2010.

The Mayor of Nantong Municipal Government, Ding Dawei and his delegation were in Singapore to formally appoint the advisors for SSTIP at Ritz Carlton Hotel. Joining CB Choo were five other representatives from several leading Singapore companies who had agreed to serve on SSTIP's advisory panel.

Formally launched in May 2009, the SSTIP is a collaboration project between Nantong Development Zone, the Suzhou Industrial Park and China-Singapore Suzhou Industrial Park Development Co., Ltd. It is a new international high-tech park located to the north of Yangtze River, adjacent to the Suzhou-Nantong Bridge. SSTIP aims to create a model for high-tech and eco-friendly development, and will become a new growth driver for Nantong's economy.

Keppel's links with Nantong started in 2005 when it acquired and invested in an inactive shipyard in Nantong, which has become the present Keppel

Nantong Shipyard. Investment in the facility has augmented Keppel's newbuilding capacity for specialised vessels. This helped to meet the increasing demand for vessels from the growth in liquefied natural gas terminals and maritime ports, as well as to serve the burgeoning offshore field development market.

The Nantong delegation also called on Mr Mah Bow Tan, Singapore's Minister for National Development, to update him on the latest developments in SSTIP and related activities taking place in Singapore.

# A squeaky-clean solution



Close-up pictures of the tank surface conditions before and after cleaning using Bio-OSR

The surface condition

Tank cleaning is a necessary procedure for tankers before they undergo repair or conversions. The conventional tank cleaning method can be a potentially dangerous operation as it requires a large number of workers to enter the tanks to manually scrape off the oily sludge attached to the bulkheads and the interior.

After the sludge has been removed from the tanks, tank surfaces, both bulkheads and the interior of the tanks have to be thoroughly cleaned. Conventional petrochemical-based solvents are normally used to clean the surface. These solvents are made of non-renewable petroleum and petrochemical products, and they are highly flammable. In addition,

they also contain Volatile Organic Compounds, which are toxic to human beings.

In view of the potential hazards, KOMtech has developed a more environmentally-friendly, effective and safer solvent, Bio-Oil & Sludge Remover (Bio-OSR) for tank cleaning.

Unlike conventional cleaning solvents Bio-OSR is formulated with biodiesel and some special additives, to meet the safety standard and heavy duty cleaning requirement. Bio-OSR is effective in removing oily contaminants associated with oil storage and production systems. It has been tested in the shipyard and received positive feedback.



of FPSO heavy fuel oil tank before and after the cleaning with Bio-OSR



Tank cleaning is a necessary procedure for tankers before they undergo repairs or conversions

In terms of physical and chemical properties, impact on human health and the environment, and effectiveness in tank cleaning, Bio-OSR has advantages over the conventional OSRs. Bio-OSR is much less flammable and combustible. It is not harmful to humans or the environment. It is ten times less toxic than table salt and does not contain any hazardous air pollutants or ozone depleting chemicals.

Bio-OSR is highly biodegradable. If it is spilled accidentally, Bio-OSR biodegrades four to five times faster than petroleum diesel. In addition, it is made from renewable feedstock, and its production process generates less hazardous waste than that of petroleum diesel.

In addition, Bio-OSR is an excellent solvent for heavy, waxy oil and sludge as it has a Kauri-butanol (KB) value as high as 60. Conventional OSR and petroleum diesel, by comparison, only have a KB value of around 50. Another feature of Bio-OSR is its natural lubricating property. It will lubricate the equipment and machinery parts being cleaned.

Currently, an enhanced version of Bio-OSR is being developed and provide a dry surface without any oily residual.

# Passion and compassion



Topping off an inspiring 39-year career with the group, Goh Boon Kiat shares his passion for the business and compassion for the people

In a transient job market, five years might seem like a long time to stay in one company. After all, according to the latest statistics from the manpower ministry, the average Singaporean stays in his or her job for a tad under two years, before making the switch for another.

“A management style that over emphasises performance doesn’t breed loyalty. Even at senior levels, the people tend to be shortsighted – they are driven by figures not ownership. They do what is required, and that’s it.

“The challenge is how we can motivate people to give their best, and think and act in the interest of the company over the long term,”

said Goh Boon Kiat, who recently retired as a Director of Keppel Singmarine, and for Technology Foresight at KOMtech.

“I think this is something that, at Keppel, we have managed to do well,” mused the gentleman of 62, who had spent his entire career as a Keppelite, playing pivotal roles in the offshore and marine businesses, including the integration of Keppel O&M in 2002.

The ‘secret’ that continues to fuel generations of resilient Keppelites like himself, Goh reveals, is a simple combination of passion and compassion – passion for the business and compassion for the people.

“We have to know the strengths and weaknesses of our people, and match the right persons to the right jobs. In order to know our people, we have to spend time with them. Bosses must set good examples and show their people that they care for them,” he said. “Chua Chor Teck always showed his concern for the young people and gave them opportunities to shine. This is something that I have also come to embrace.”

Goh remembers being packed off on his first overseas stint in the mid 70s by Chua Chor Teck, the late MD of Keppel Shipyard. “I was assigned to study the feasibility of setting up a Philippine yard, after just three to four years in Keppel. Back then, I didn’t even know the proper methods of assessing commercial acquisitions,” he said.

The Philippines was a captive market served by some 3,000 ships that provided the main mode of transport across its 7,000 islands. The fleet owners, 90 percent of whom were Chinese, were largely dissatisfied with the services provided by a handful of poorly run local shipyards.

“I thought that if we were there, we would be able to serve the customers much better,” said Goh, who returned to headquarters with a positive recommendation, only to be sent right back again to set up the new yard. “Chua Chor Teck told me, ‘If you think it’s good, then you go!’”

“All I can say is that, it was a leap

of faith," Goh laughs. "We didn't even have a piece of land to begin with. He had literally put CB Choo and me there to start up from scratch."

And from scratch it was in Batangas where Keppel established its first overseas yard. "A lot of ground work was needed. We even had to develop a pool of subcontractors to support our operations. These people were mainly fisherman and farmers who worked for us on a part time basis and we had to provide training for all of them," Goh recalls.

Goh eventually became the VP of Keppel Philippines Shipyard, and one of the pioneers of Keppel Group's first significant overseas venture. Upon returning to Singapore in the 80s, he went on to assume several senior positions across Keppel's subsidiaries

including that of GM and Director at Keppel FELS.

Then, in 2000, he was thrown another challenge to lead a taskforce in the restructuring of Keppel's offshore and marine businesses, a move that would thrust the group as the global industry leader.

"In the first year of the integration, we were able to achieve cost-savings of about \$17 million, just by putting people together and keeping them focused," he said.

Following the successful restructuring exercise, Goh was assigned to head specialised shipbuilding arm, an instrumental role for which he is well-remembered.

"I chose to focus Keppel Singmarine on the building of

Offshore Support Vessels (OSVs) because the offshore market was picking up and there would be a need for such vessels," he shared. "Moreover, the main shipyards with that were experienced in the construction of offshore support vessels were located in Europe, where costs are high; Keppel Singmarine would have a cost advantage over these European yards."

Under Goh's leadership, Keppel Singmarine quickly rose to become one of the world's foremost shipbuilding yards with its own designs and engineering expertise for OSVs and tugboats.

"I couldn't have done it all alone. A leader must be supported by good people. I had the opportunity of picking a formidable team for Keppel Singmarine – including Hoe Eng Hock, Lee Tai Kwee, Toh Ko Lin and Edmund Lek – who worked well with one another, and who stayed with me throughout," Goh said.

"When I was planning to retire, I knew that my people were ready to takeover," he added confidently.

As Goh closes an exciting chapter of his career at Keppel, he plans to spend more time with his family and friends, as well as to perfect his swing on the greens. But most of all, he looks forward to continue his lifetime vocation as a mentor, sharing his time, counsel and resources generously with whoever needs it.



Goh Boon Kiat (second from left) sharing a light moment with Hoe Eng Hock (second from right), ED of Keppel Singmarine, and colleagues at a naming ceremony

# Model student at work

A young supervisor with the Electrical section at Keppel Singmarine, earned the Lee Kuan Yew Model Student/Trainee Award 2010 after completing his two-year course in Marine Electrical Technology.

Koh Chong Boon, 29, was one of 40 students of the Institute of Technical Education (ITE) who received the Award for academic excellence and leadership qualities on 25 May 2010.

During the first year of his studies at the ITE, Chong Boon was attached to Keppel O&M Group Training Centre

to undergo an apprenticeship training programme. Thereafter, he commenced with on-the-job training at Keppel Singmarine in the second year.

This was not an easy feat for Chong Boon, who had to juggle work and studies. He shared, "I am thankful to Keppel for encouraging me to upgrade my skills and nominating me to take up this course. It took a lot of self-discipline to study and work at the same time, and that also meant I had less time for myself, friends and family."

Achieving this award has



Chong Boon (left) is eager to upgrade himself further

motivated Chong Boon to submit his sponsorship application for a Diploma course in Technology (Electrical) at Ngee Ann Polytechnic.

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# Gold for Keppel Dragons

Keppel Recreation Club's dragon boat team took its first gold at the Gallop of the Dragons 2010 race, held in the Singapore

River from 15 to 16 May 2010. The Keppel Dragons completed the 200-m Inter-Corporate (Men) Category race in 49'60 seconds to

emerge champion against their tough opponents.



The Keppel Dragons team emerged winner at the Gallop of the Dragons 2010 race in May 2010



# The amazing maritime race



Some 900 participants from Keppel took part in the four-hour race which was supported by Keppel O&M

Scrambling around Singapore was not how 21 year old Tan Wei Zhen, an intern at Keppel Singmarine, expected to learn about Singapore's rich maritime history. That, however, was what she and her team mates did when they took part in the Amazing Maritime Race, Singapore's first maritime treasure hunt.

On 25 April 2010, some 900 participants, including 13 teams from Keppel took part in the four-hour race which was supported by Keppel O&M. Through interactive puzzles and interesting locations, the race provides a platform to educate the public on the country's vibrant maritime industry.

Travelling only by public transport

or by foot, Wei Zhen and her team visited 14 race check points around Singapore. Their journey took them to different locations with rich maritime history and significance, including Marina at Keppel Bay, the former site of Keppel Shipyard, as well as Singapore Polytechnic.

She shared, "It was an exciting and educational race for us. We visited places we had never seen before and discovered a different side of Singapore. I am definitely more appreciative of Singapore's maritime history."

Helping to coordinate the Keppel teams, Aionn Haji Mohd Taib of the Keppel Recreation Club Sports Organising Committee,

said, "For Keppelites, this was an opportunity to support the industry and promote teamwork in a competitive yet educational way. The teams have to stretch their resourcefulness and mental prowess to solve clues, complete tasks and answer questions on Singapore's maritime cluster and heritage."

Organised by the Association of Singapore Maritime Industries, together with the Maritime and Port Authority of Singapore, Singapore Maritime Foundation and Singapore Shipping Association, the Amazing Race was part of a series of activities under the Singapore Maritime Week 2010.

## KEPPEL GROUP NEWSBYTES

### REWARDING BUSINESS EXCELLENCE

Keppel Group garnered a total of five accolades at the Singapore Corporate Awards ceremony on 10 May 2010.

Keppel Corporation's 10-member Board was named the Best Managed Board among Singapore-listed companies with \$1 billion and above in market capitalisation. CB Choo, CEO of Keppel Corporation and Chairman of Keppel O&M, was named Best CEO in the large market capitalisation category.

For the Best Annual Report, the Group swept away three awards with Keppel Corporation, Keppel Telecommunications & Transportation and K-REIT Asia bagging Gold in their respective categories.

### STRATEGIC LAKESIDE DEVELOPMENT

Keppel Land has won the highly competitive tender for a prime residential site right next to Lakeside MRT station in the Boon Lay / Lakeside district for \$302.98 million. Apart from Keppel Land, keen bids for the land parcel came from 13 other local and foreign developers.

The 1.6-ha site will stand to benefit from development of the Jurong Lake District which is envisioned to become a world-class business and leisure destination set amidst a picturesque lakeside environment.



Keppel received five honours at the Singapore Corporate Awards



The opening of the new Hiep Phuoc Distribution Centre will enable Keppel T&T to serve the urban and industrial regions in Vietnam better

### TRIPLING LOGISTICS FOOTPRINT IN VIETNAM

Indo-Trans Keppel Logistics Vietnam Co., an associated company of Keppel Telecommunications & Transportation (Keppel T&T) boosted its presence in Vietnam

with three new distribution centres.

With these centres, Keppel T&T is now able to serve the urban and industrial regions in North and South Vietnam faster and better.

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# Magnificent five



Greatship Mohini and Hadi 28 are the latest vessels delivered by Keppel Singmarine to satisfied customers

Keppel Singmarine has demonstrated its commitment to meet the needs of customers with the timely and safe deliveries of five ships.

They are a Multi-Purpose Supply and Support Vessel (MPSSV), an Anchor Handling Tug Supply (AHTS) vessel and three tugboats, all of which have demonstrated exceptional performance and exceeded their contractual bollard pull and speed during the sea trials.

Hoe Eng Hock, ED of Keppel Singmarine, said, "These successful vessel deliveries reinforce Keppel Singmarine's ability and commitment to provide reliable and versatile solutions that meet

the requirements of offshore frontier. We strive to provide value-added services for our global clientele, and ensure that the vessels entrusted to us are completed on time, safely and within budget."

The 94-meter long MPSSV, Greatship Mohini, was delivered to Greatship Global Offshore Services (Greatship), a member of the Great Eastern Shipping Group of India.

Equipped with Dynamic Positioning II capabilities, Greatship Mohini is the second state-of-the-art vessel that Keppel Singmarine has built for Greatship. This vessel has since been acquired by Norwegian offshore shipping company, Rem Offshore ASA.

Keppel Singmarine also delivered Hadi 28, an AHTS to long-time customer Hadi H. Al-Hamman Establishment for deployment in Saudi Arabia. In addition, two 50-tonne bollard pull twin-screw Azimuth Stern Drive (ASD) tugboats, Mirbat and BT Bontang 08, have been delivered to Salalah Port Services Company SAOG of the Sultanate of Oman and PT. Badak NGL in Indonesia respectively.

Over in China, Keppel Nantong Shipyard has also delivered a 65-tonne bollard pull twin-screw ASD tugboat, KST 56, to Keppel Smit Towage.