



قطر للغاز
QATARGAS

THE PIONEER

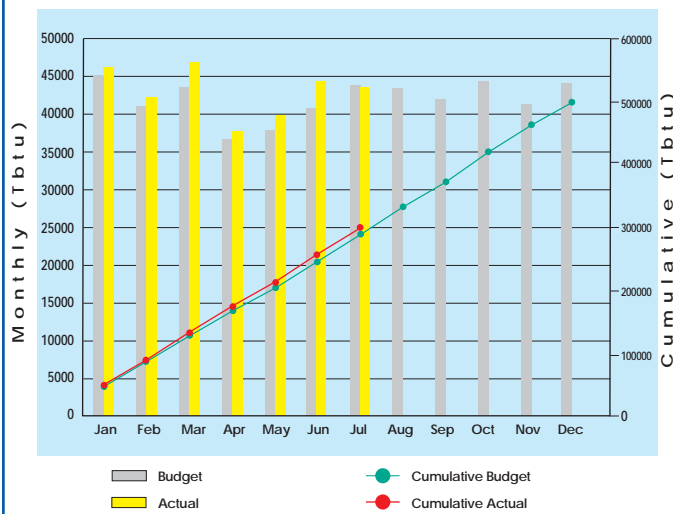
The magazine of Qatargas Operating Company Limited



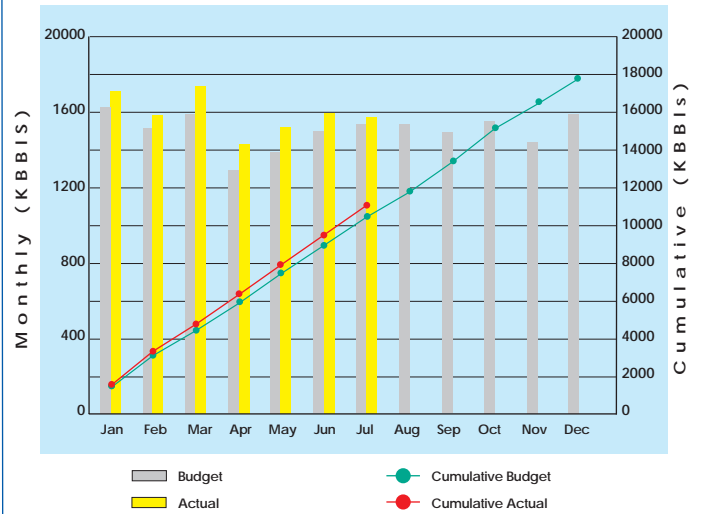
“MOZAH”, the world’s largest
LNG vessel

Scorecard 2008

Net LNG Production 2008



Field Condensate Production 2008



Qatargas SEQ Monthly Safety Statistics

| Event Description | Qatargas | Contractors |
|---|------------|-------------|
| Date of last LTA | 1-Jul-02 | 26-Apr-03 |
| Days worked since last Lost Time Accident | 2,222 | 1,923 |
| Personnel hours worked since last Lost Time Injury | 13,804,144 | 8,827,249 |
| Hours worked since last Lost Time Injury (04-26-03) | 20,627,740 | |

| Event Description | Qatargas | | QG 2008 Business Plan Targets | | Contractors | |
|---|---------------|--------------|-------------------------------|-----|---------------|--------------|
| | Current Month | Year to Date | | | Current Month | Year to Date |
| Number of Lost Time Accidents (LTA) | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Medical Treatment Cases (MIC) | 1 | 1 | 0 | 0 | 1 | 3 |
| Number of Occupational Illnesses (OI) | 1 | 1 | 0 | 0 | 0 | 1 |
| Number of First Aid Cases (FAC) | 0 | 0 | 0 | 0 | 2 | 13 |
| Number of Off the Job Injuries (OJI) | 0 | 0 | 0 | N/A | N/A | |
| Number of Major Fires | 0 | 0 | 0 | N/A | | |
| Number of Minor Fires | 1 | 4 | 0 | N/A | | |
| Number of Vehicle Incidents | 0 | 3 | 0 | 0 | 1 | 2 |
| Number of Env. Releases | 0 | 0 | 0 | N/A | N/A | |
| Number of Env. Spills | 2 | 5 | 0 | N/A | | |
| Number of Env. Waste Disposal Incidents | 0 | 6 | 0 | N/A | | |
| Number of Moderate to High Risk Potential Incidents | 5 | 136 | 100 | N/A | | |
| Number of Incident Notification | 25 | 396 | > 275 | | | |
| Number of STOP cards | 169 | 3,174 | > 4000 | | | |
| Days Lost due to LTA | 0 | 0 | | | 0 | 0 |
| Hours Worked this Month | 227,976 | | | | 67,824 | |
| Hours Worked this Year | 1,489,224 | | | | 481,680 | |
| Hours Worked combined (QG/Contractor) | | | 1,970,904 | | | |
| | Year to Date | | Industry Benchmark | | Year to Date | |
| LTA Frequency Rate | 0.00 | | 0.27 | | 0.00 | |
| LTA Severity Rate | 0.00 | | 2.00 | | 0.00 | |
| Total Recordable Incident Rate | 0.13 | | N/A | | 1.25 | |

Our aim is to create an "Incident and Injury Free" site at Qatargas. However, for statistical purposes, targets for motor vehicle incidents and medical treatments are based on Year 2002 actual figures.

Except for Near Miss Reports, we encourage reporting of all near misses so that the hazardous conditions can be eradicated as soon as possible, through corrective actions.

Total near miss cases also include those derived from different categories of incidents/accidents reported such as medical treatment, first aid, minor/major fire, vehicle incidents, spill/release etc.

These derived near misses were also included in the "Total Near-Miss reports" due to their potential to escalate into more serious incidents.

Please note the attached graphs giving an annualized overview of KPI statistics.

Note: Man-hours based on projected headcount of September and November.

You can contribute to 'The Pioneer'. Please send articles, comments or feedback to:

Rachele Sheard, Chief Editor
rsheard@qatargas.com.qa
and Nizar Ahmed, Editor
nahmed@qatargas.com.qa



Naming of the first Q-Max vessel: charting a historic course for QatarGas

July 11th was a historic day for Qatar and QatarGas when Her Highness Sheikha Mozah Bint Nasser Al-Missned named the first Q-Max (266,000 cubic meter) LNG carrier "MOZAH", the largest LNG vessel to be ever built.

We feel privileged to be able to name this ship in honour of Her Highness. This marks another major milestone in our journey to be the world's premier LNG company.

The pride and joy we feel when a vision turns into reality is unmatched. When the ship building project was launched a few years ago, we had set out on a mission that would re-define the parameters of global LNG transportation.

It was a bold enterprise in every sense. But we have yet again proved

that through hard work, determination and team work, there is no such thing as an impossible task.

The year 2008 marks the start-up year for our expansion projects. As we approach the commissioning and start up phases for Train 4, we have had a string of milestone achievements over the past several months, many of which were industry firsts.

Again, all of these achievements were made possible when all of the different teams working on the various projects and sub-projects worked towards achieving a common goal.

While many of us were away during the past couple of months, thousands of people have been working hard to complete the task at hand – and to complete it safely.

The excitement and anticipation is mounting as we get ready to pump out the first drop of LNG from the biggest LNG train ever to be built. However, we must not let ourselves get carried away and lose our focus on safety.

I would like to congratulate all of you for all the hard work you have put in so far and urge you to keep up the hard work. We are now in the most exciting phase of our company's evolution. We are at the threshold of a new and exciting era for Qatar and QatarGas.

Faisal M. Al Suwaidi

Chairman and Chief Executive Officer

“MOZAH”, the world’s largest LNG vessel



On July 11th, 2008, Her Highness Sheikha Mozah Bint Nasser Al-Missned named the first Q-Max (266,000 cubic meter) LNG carrier “MOZAH”, the world’s largest LNG vessel built to date. The special ceremony was held at Samsung Heavy Industries shipyard in Geoje Island, Busan, South Korea.

Attendees expressed their gratitude and congratulations to all contributors who helped execute this major milestone

H.E. Abdulla Bin Hamad Al Attiyah, Deputy Premier, Minister of Energy and Industry, State of Qatar, and Chairman of Nakilat, said; “Today history is made. This ship is not only the largest and most advanced LNG carrier in the world;

it also demonstrates our ability to achieve our vision of becoming the largest LNG shipowner in the world. In addition, it shows the vision and dream of a nation, the determination and capability of an industry, and the dedication and commitment of thousands of individuals from around the globe who have contributed to Qatar’s

LNG industry and to this remarkable achievement.”

Faisal Al Suwaidi, Qatargas Chief Executive Officer, said of the event; “Today is another first that Qatargas has pioneered. We feel privileged to be able to name this ship in honour of Her Highness Sheikha Mozah Bint Nasser Al Missned. Qatargas is proud to

“Today history is made. This ship is not only the largest and most advanced LNG carrier in the world; it also demonstrates our ability to achieve our vision of becoming the largest LNG shipowner in the world”

- H.E. Abdulla Bin Hamad Al Attiyah, Deputy Premier, Minister of Energy and Industry

contribute to the State of Qatar and play its role in meeting the vision for the country.”

Muhammad Ghannam, Nakilat Managing Director, said; “The naming of the LNG carrier Hull No. 1675 is a very special and key milestone for Nakilat as we are celebrating the very first of our 14 Q-Max ships. Hull No. 1675 is also the first of twenty-five wholly-owned LNG carriers in our fleet of 54

vessels which are being built in the Korea shipyards to service Qatar’s massive LNG expansion projects.”

“MOZAH” will be used to ship LNG produced by Qatargas 2, to customers in Europe.

In addition, Qatargas and Nakilat named two more of the world’s largest Q-Max LNG Carriers at a special ceremony held at Samsung Heavy Industries shipyard on Geoje Island on August 26th, 2008.

The first ship “Umm Slal” was officially named by Mrs. Fatima Al-Kuwari, spouse of Mr. Ghanim Al-Kuwari, Qatargas Chief Operating Officer-Administration while Mrs. Lori Woodbury, spouse of Mr. Jeff Woodbury Vice President of ExxonMobil Development Company LNG Terminals & Transportation, named the second vessel, “Bu Samra”.

Also, on August 28 Qatargas and Nakilat named three more Q-Max



MILESTONE

“Today is another first that Qatargas has pioneered. We feel privileged to be able to name this ship in honour of Her Highness Sheikha Mozah Bint Nasser Al Missned”

- Faisal Al-Suwaidi, Qatargas Chairman & CEO



vessels at another ceremony held at Daewoo Shipbuilding & Marine Engineering Ltd. shipyard. The first ship “Al Ghuwairiya” was named by Mrs. Pascale Darricarrère, spouse of Mr. Yves-Louis Darricarrère, President, Total Exploration & Production.

The second and third vessels, “Lijmiliya” and “Al Samriya”, were named by Ms. Hollis Kazmann, spouse of Mr. Tom Walters, Executive Vice

President ExxonMobil Development Company, and Mrs. Julia Richardson, spouse of Mr. Andy Richardson, Shipping Project Manager, Qatargas Operating Company Ltd., respectively.

The Q-Flex and the even larger Q-Max are a new generation of LNG mega-ships. The Q-Max has 80 percent more capacity than conventional LNG carriers with about 40 percent lower energy requirements due to the economies of

scale created by their size and the efficiency of the engines. Q-Max LNG carriers are unique and purpose built for Nakilat and will be on long-term charter to Qatargas.

Qatargas 2 shareholders are Qatar Petroleum, ExxonMobil Qatargas II Limited and Total E&P Qatargas II Holdings LTD. ■

Qatargas at the 19th World Petroleum Congress

Qatar Petroleum and subsidiary companies, including: Qatargas, RasGas, QAPCO, RLC, Mesaieed Industry City, and QAFCO, participated in the 19th World Petroleum Congress (WPC), held in Madrid, Spain.

WPC was officially inaugurated by His Majesty King Juan Carlos I of Spain. The congress, which started on June 29th, brought together more than 5,000 industry delegates from oil and gas companies across the world. The Qatar delegation was led by HE the Minister of Energy and Industry, Abdulla Bin Hamad Al-Attiyah.

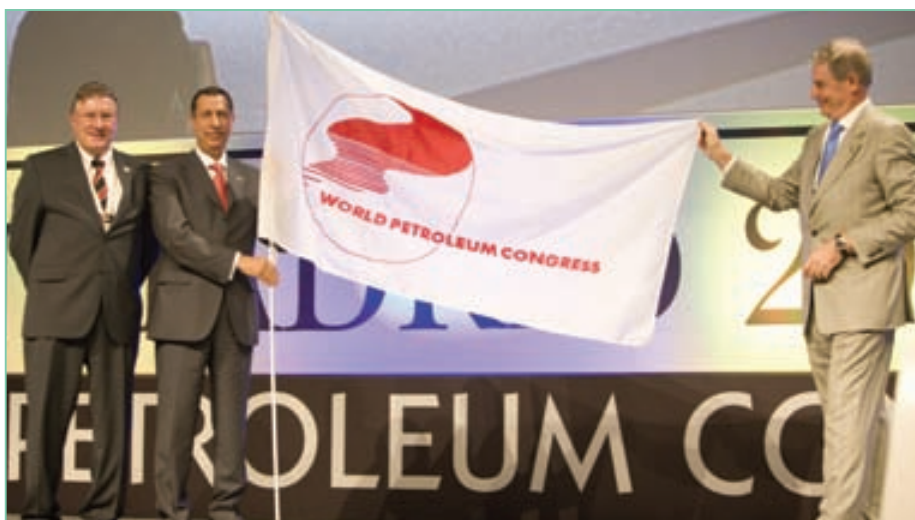
Mr. Ahmed Al Khulaifi, Chief Operating Officer – Commercial & Shipping, participated and presented at a round table on security of supply to Europe.

Marketing Director of Qatargas, Mr. Alaa Abu Jbara vice-chaired a session on natural gas. This forum discussed a wide range of issues pertaining to gas consumers and suppliers in a range of markets including Europe and the Americas. As well there was a discussion on the global LNG outlook highlighting challenges and opportunities.

Qatargas and Qatar have invested heavily in large trains, ships and import capacity in Europe to help increase diversity of supply leading to greater energy security for Europe.

Qatar Petroleum's stand showcased the enormous projects underway in Qatar in the energy and petrochemical sector. Meanwhile, the Qatargas booth focused on the new projects highlighting Qatargas 2 as well as a gallery of photographs of the current projects.

Since Qatar has won the bid to host the upcoming WPC in 2011, Qatar Petroleum took this opportunity to showcase the country, and to highlight the enormous economic and investment opportunities in



Qatar. At the Qatar pavilion, there were traditional artifacts, henna, traditional clothes and folkloric dances and music. It was a tremendous hit attracting many people. Delegates were invited to see the Qatar stand through handouts at the conference and at the Qatar Petroleum stand. There, they were able to sample a small taste of Qatar in preparation for their visit to the 20th WPC in Qatar.

The closing ceremony included speeches

by WPC Organization and WPC members. Abdulla Hussain Salat, Senior Advisor for the Minister of Energy, delivered a speech thanking the Spanish organization and looking forward to welcoming all delegates to the next WPC, in Qatar. Mr. Salat then ceremoniously took the WPC flag in symbolic handover of the 20th WPC. The official events were followed by a Qatari folkloric show and a reception hosted by Qatar.

Ramadan in Qatar

Ramadan is the ninth month of the Islamic lunar calendar (Hijri Calendar) and is considered the holiest month of the year. It's believed that during this month the the first verses of the Quran were revealed to the prophet Mohammed around 610 A.D.

During this month, Muslims change many aspects of their lifestyle by fasting from sunrise to sunset. Throughout the whole month Muslims try their best to be more generous in donating money, food and any assistance to those less fortunate.

Fasting is the act of abstaining from food, beverages and sexual activities, because of a religious purpose, for a period of time. Muslims fast because it is one of the five pillars of Islam. During this month, Muslims seek closeness to God by praying more and reciting the Quran more often than during any other time of the year.

Ramadan teaches Muslims to practice self-discipline, sacrifice, and sympathy towards the poor. It also encourages Muslims to be more generous and charitable. During Ramadan, family members and friends tend to meet more often and share more meals together. Ramadan provides sense of self-purification and spiritual reflections with one's self.

The daytime activities in Ramadan reduce drastically to accommodate Muslims especially in the Muslims countries. In Qatar, all major businesses have reduced working hours during the day and most restaurants remain closed during the daytime. They are, however, open during the evening with extended hours. Out of respect to Muslims and Islam, consumption of food and beverages is forbidden in public during the fasting hours from sunrise to sunset.

A typical day during Ramadan starts with an early meal, usually eaten with the whole family, before the dawn prayer. This meal should be nutritious enough to provide energy throughout the day. This meal is called Sahour. Then, Muslims wait for the dawn prayer and pray before continuing their sleep. When they wake up they will carry on with their daily routine.



Photo by Shuaa Al Ghanim

At sunset, Muslims will gather around the table or on the floor to break their fast with a huge meal. This meal is called Iftar.

The Iftar meal is considered the most important meal of the day. The setting of it is different from any meal. This meal brings family members together. After this meal, people usually visit their friends and relatives or watch television programs, which are produced specially to be featured during Ramadan.

Throughout the month of Ramadan, Muslims are encouraged to recite as much from the Holy Quran as time allows them to. So that

by the end of the month, Muslims will have read the entire Quran. Muslims take pride in completing the recitation of Quran, especially when read more than once. The recitation is viewed as a pious act to practice.

Since Ramadan is considered the month of devotion to God, Muslims perform special prayers after the night prayer during which they recite many verses of the Holy Quran. By the end of Ramadan, Muslims will have recited the whole of the Quran during their prayers. These prayers are called Taraweeh.

"Lailat Al Qader" is the holiest night of Ramadan. It is significant to Muslims because

Ramadan teaches Muslims to practice self-discipline, sacrifice, and sympathy towards the poor. It also helps Muslims to be more generous and charitable.



Photo by Shuaa Al Ghanim

During Ramadan, family members and friends tend to meet more often and share more meals together. Ramadan provides sense of self-purification and spiritual reflections with one's self.

they believe that this particular night marks the anniversary when the first verses of the Quran were revealed from God to the Prophet Mohammed. Muslims believe that on this night all prayers are answered. Therefore, the night is kept hidden from Muslims so that they will pray during all nights and not during the specific night only. That being said, some scholars believe that this night occurs on the twenty seventh day of Ramadan. Therefore, many Muslims pray extra hours during this night.

“Eid Al Fitr” marks the end of Ramadan. It falls either on the thirtieth or the thirty first

day after the onset of Ramadan depending on the sighting of the new moon. Eid Al Fitr means the festival of breaking the fast.

Ramadan ends with a big festival where Muslims meet family members and friends and get dressed in their finest clothes and give children money.

One will definitely notice major changes in Doha during this month. Most businesses' operating hours will be reduced to five hours during the daytime. Major streets will be filled with traffic during odd hours especially just before Iftar and late in the evening.

There will be major traffic on the Al Corniche Road before Iftar. Qataris and residents drive through the avenue to see their friends and be seen! There will be cars parked on the sides of the road, and people greeting each other with the warmest regards.

The other attraction is that major five-star hotels will host special Arab themed nights that are very entertaining and worth attending. They include many traditional foods, entertainment and offer all residents of Doha the opportunity to participate in Ramadan. ■

South Hook Gas Company Ltd.

– an overview

South Hook Gas Company Ltd. (SHG) is the UK gas import arm of the Qatargas 2 integrated project, handling the UK-based commercial arrangements for LNG cargo deliveries to the South Hook LNG terminal at Milford Haven in Wales. Established in 2004 and based in an office overlooking the River Thames in London, the company is a joint venture between Qatar Petroleum Gas Trading (QGII) Limited (70 per cent) and ExxonMobil Qatargas (II) Limited (30 per cent). The General Manager of SHG is Omran Al-Kuwari, who is seconded from Qatar Petroleum.

SHG's responsibilities are defined by three 25-year agreements which form a major part of the overall Qatargas 2 project agreement. Two of these agreements are Sales and Purchase Agreements (SPAs). One is with Qatargas 2 itself, for the purchase of LNG cargoes from its two mega-trains at Ras Laffan. The other is with ExxonMobil Gas Marketing Europe (EMGME) and covers the sale of regasified LNG from the terminal for onward sale in the highly-liquid UK market.

SHG's third major agreement is a Terminal Capacity Agreement with the

operating company of the terminal at Milford Haven, South Hook LNG Terminal Company Ltd. This gives SHG rights to use the full capacity of the terminal - enough to process all of QG2's 15.6 mtpa production. Given that it holds the full terminal capacity, SHG is also responsible for offering any spare capacity to third parties.

Omran leads a team of 15 people from the SHG offices at London Bridge, which overlooks the Thames to the City, St Paul's and Blackfriars. Five managers report to him: Kelvin Beer-Jones (Commercial Manager), Jeff Mannering (Finance & Administration



Back row: Kelvin Beer-Jones, Lee Harrison, Nicola Duffin, Nichola Handley, Lisa Dwyer, Jeff Mannering, Shahid Din, Falong Yan

Front row: Elena Bergami, Omran Al-Kuwari, Donovan Waite

Manager), Shahid Din (Planning & Scheduling Manager), Xanthe Marshall (General Counsel) and Falong Yan (Head of Business Process).

Altogether, the SHG organisation acts as the interface between Qatar and



the UK gas market, buying the LNG in from QG2 and selling regasified product on to EMGME for marketing in the UK – which is rapidly moving from a situation of self-sufficiency in gas to import-dependency as North

Sea reserves decline. The starkness of this change can be seen from figures showing that imports will account for 40 per cent of UK gas consumption this year, up from 27 per cent in 2007. By 2015 imports should make up around

75 per cent of the total. LNG will make a big contribution to these import figures, so SHG's role as importer will be crucial. ■

Qatargas summer internship program



Since 1998, the Qatargas Summer Internship Program has been run every summer. The program is designed to provide on-the-job training to students in their third year of study from colleges and universities in Qatar. In addition, Qatargas employees' children are also eligible for this program.

The Human Resources Department runs the Internship Program and is responsible for the selection and placement of the students in various departments depending on the applicant's major. Once placed in the respective departments they are provided with an intensive work-based program to help them understand the workplace culture and receive vital skills that will

enable them to transit from school to the corporate world.

In the first phase of the program, interns are required to attend the Company's mandatory safety courses where they become acquainted with the Company's Incident and Injury-Free culture. Safety at Qatargas is an abiding value around which no compromise is allowed. Therefore, it is important for all newcomers, even for a short period, to understand this.

Following the safety induction, interns are assigned a variety of job-related tasks in the actual work environment. Throughout the internship period, which can last for one to three months, interns are monitored carefully by experienced Qatargas professionals. Weekly and

monthly assessments of the students are made by the host departments and these are then reported to the students' institutions by HR's Internship Coordinator.

After successful completion of the Internship program, interns leave Qatargas not only holding work familiarization certificates but also in possession of invaluable newly acquired knowledge and experience gained from their exposure in Qatargas.

Meet some of this year's Interns:

Fatma Al-Kubaisi is studying chemical engineering at Qatar University. She learnt about the Qatargas Summer program through her university. Currently working with the Engineering

“My education has set the foundation. We know the basics, but the internship is the real knowledge.”



Department, Fatima notes “It’s with pleasure that I come to Qatargas. The staff are very friendly and helpful”. After graduation, Fatima plans to join Qatargas as a full-time employee.

Sharing the same office with Fatma are three other interns. Rashid Hassiba is in his third year at Texas A&M Qatar studying Chemical Engineering. He summarized his daily activities by saying, “We have visited the LNG plant, Main Control Room, Chemistry lab and environmental lab and have observed the daily routines that professional engineers have to undertake and the types of projects they are focusing on.”

Maha Kafood is another intern from Texas A & M University Qatar who is studying to become a chemical engineer.

About her experience at Qatargas, Maha said: “It is an interesting experience. I saw facilities and labs for the first time in real life.” Maha’s future plans after graduation is to seek a full-time position in a well known company that will help her enrich her knowledge and allow her to expand her potential in the chemical engineering field.

Mohamed Fiazudeen also from Texas A & M University Qatar is studying Petroleum Engineering. On how his education has helped him understand the work given during the internship, Mohamed commented, “My education has set the foundation. We know the basics, but the internship is the real knowledge.” About his experience at Qatargas, Mohamed says that the workload is not

much when compared to the one that the other employees carry daily. As for his future plans, Mohamed would like to seek higher education and obtain a Master’s either in Law or Business.

Mohammed Al-Omairi is majoring in Mechanical Engineering at Qatar University. His internship program runs for eight weeks. Throughout these eight weeks Mohammed covered the following areas: workshop center, fabrication center, and the plant. About his experience at Qatargas, Mohammed said that the staff were very helpful and didn’t hesitate to answer any of his questions. He concluded by revealing his future plans, “I want to work in a company which gives me lots of chances to learn and practice engineering.”

Qatargas new LNG berth topsides installed at Ras Laffan

On August 12th 2008, Qatargas installed its new liquefied natural gas berth 5 topsides module at Ras Laffan Port using marine transportation and installation vessel.

The module was fabricated at Adyard in Mussaffah, United Arab Emirates and sailed to Qatar following load-out. The module weighs approximately 1000 tonnes. It was lifted into place on the Berth 5 marine platform using two cranes working in tandem, each with a load capacity 900 tonnes.

The new berth is the first of its kind to be used in the region as it was built and installed as a modular unit. This innovation is typical of the Qatargas projects which have continuously tried to utilize the best available technology.

The modular build was used to reduce the overall schedule by allowing Berth 5 marine construction and module fabrication to proceed in parallel. The next berth is also adopting the modular topsides construction.

Mrs. Jayme Meier, Qatargas 2, Common LNG Sub-Project Manager said; "This project represents another pioneering milestone for Qatargas with the use of the modular topsides rather than building in-situ. By taking this innovative approach we have been able to build the marine platforms and topsides simultaneously and reduce the overall schedule by several months. However, the best achievement of this



project is that it was completed with no lost time incidents. I would like to thank Adyard and CTJV contractors for working with the Qatargas team to achieve this success."

The Qatargas 2 project is the first fully integrated value chain project in the industry and includes many different sub-projects and includes common infrastructure.

Berth 20 and 21 Handover

The official handover of berth 20 and 21 between Qatargas, RasGas, Dolphin Energy and Ras Laffan Industrial City was successfully completed at a ceremony held in Al Waha Club on July 17, 2008. The ceremony hosted many of the teams that helped with this achievement, including: Abdelkader Haouari, Expansion Start-up Manager, Trevor Davis, Ras Laffan Terminal Operations Manager- Qatargas, Sh. Khaled Al-Thani, Deputy Manufacturing Manager- RasGas, Peter Blackett, A/ Port Manager- Qatar Petroleum and Mike Ashby, Deputy Vice President Operations- Dolphin Energy.

The ceremony witnessed the handover of these facilities from Dolphin Energy and RasGas to Qatargas Expansion Start-up group as well as the final transfer from Qatargas Expansion Start-up group to Ras Laffan Terminal Operations.

The first shipment from berth 21 was loaded by the Expansion Start-up group



personnel on August 4, 2007, with sixty six more shipments before its transfer to Ras Laffan Terminal Operations.

Loading berth 20 started with a Liquefied Petroleum Gas shipment on March 5, 2008 and a total of twelve

Liquefied Petroleum Gas and four condensate shipments have already been loaded from this berth by the Expansion Start-up personnel prior to its transfer to the Ras Laffan Terminal Operations. ■



Laying Qatargas 3 & Qatargas 4 subsea pipelines

Qatargas 3 & Qatargas 4 Projects successfully laid the 38” sub-sea pipelines between the beach area at Ras Laffan and the three wellhead platforms in the North Field.

The two main pipelines are 66 km and 63 km long between the two wellhead platforms for pipeline number seven. The pipelines feed trains six and seven via a common slug catcher. In addition, two 22” spur lines will be installed to interconnect the third platform with the two main pipelines.

J Ray McDermott, currently fabricating the topsides for the three wellhead platforms in Dubai, has been contracted to install and test all the subsea pipelines, and work is now in a full swing using the KP1 pipe laying barge.

Tariq Saleem, Offshore Pipelines Interface Coordinator, said; “These lay barges are no small ticket items. They are similar to small towns, housing over 300 people. The barge works around the

clock to weld, test, anti-corrosion coat and install the pipelines which exit the stern of the vessel via a boom called a stinger projecting out of the back of the ship. One can compare it to a giant floating sausage machine laying a giant string of sausages from the shore to the platforms.”

The shallow depth of the water meant that the KP1 could not come closer than two kilometres to the Ras Laffan beach. There it anchored and the two pipeline “shore pulls” were performed by floating and pulling the 38” pipelines to the beach as they were being fabricated.

The shore pulls for pipelines were completed in May and July of 2008 respectively, despite the pipelines team having to contend with unseasonably severe weather, with high gusting winds and severe seas. The KP1 is now welding the North Field, laying the 66km pipeline.

Tariq said, “An important area is the pipeline and cable crossings. The

crossings are constructed prior to the pipe lay, by a separate vessel that lays concrete “mattresses” adjacent to existing lines or cables. It creates a suitable support to provide adequate clearance for the new pipelines when they cross over third party pipelines.”

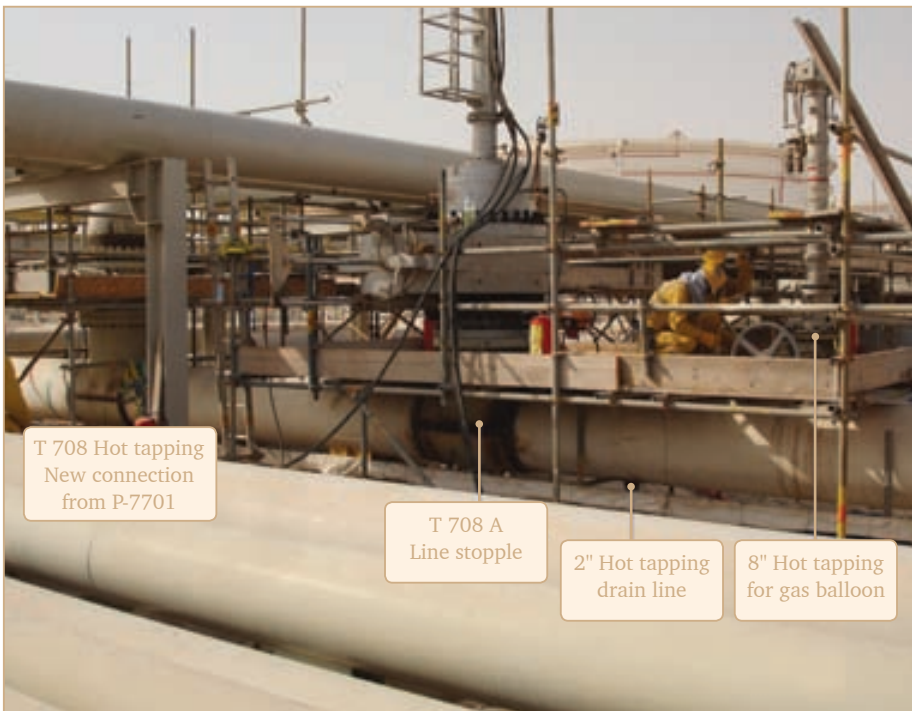
The existing Dolphin Energy gas pipeline has already been successfully crossed in this manner.

The 130-kilometre subsea pipeline, of Qatargas 3 & Qatargas 4 projects comes from Mitsui in Japan in average lengths of 12 metres. These were coated with anti-corrosion and concrete weight coating by pipelines coating specialist, Bredero Shaw in Ras Al Khaimah, UAE.

Throughout the pipe laying operation, a flotilla of smaller barges is used to maintain a constant supply of pipe lengths to the “mother vessel” KP1 and survey the pipe as it is laid on the sea floor.



Installation of hot taps



Manickam Ravichandran

As with many projects now being executed in Ras Laffan Industrial City, the Refinery Project has many great interfaces. The Project has interfaces that range from RasGas, Al Khaleej Gas, and Qatargas who supply the Refinery’s condensate feedstock; to Ras Laffan Industrial City for a myriad of items, including the land the Refinery sits on; to Kahramaa for the electrical power to run the plant.

The task of managing the three hundred interfaces rests with the Project Management Team’s Interface Coordinator, Manickam Ravichandran. Ravi has been with the Project for two years and has been managing the interfaces ever since joining the team.

Ravi says the most challenging interfaces are those requiring hot taps. A hot tap is when one cuts into a live line. Hot taps require a considerable amount of coordination and planning. Hot taps need

to be thoroughly planned to ensure they are performed safely, and they do not cause an operational upset. There is only one chance to perform a hot tap correctly.

The Project has performed hot taps into an existing 28” condensate jetty loading line at four locations. One of the hot taps was to install a full bore tie-in to the existing 28” line to connect a new line from Laffan Refinery loading pumps. Tying in a 28” line to another 28” line is extremely challenging. Typically, hot taps involve tying in a smaller line into a larger one. The other three hot taps to this line were 2” for drain connection, 8” for Gas Balloons and 28” for line stopple, which were used to facilitate a new valve installation on the existing 28” condensate loading header.

Before performing any work on the hot taps, Qatargas procedures require the Project to prepare a detailed management-

of-change dossier and prove the hot tap procedure on a full-size mock-up.

Through the solid planning by the PMT and other team members, including Qatargas, Ras Laffan Terminal Operations, Qatargas Expansion Start Up, Qatargas Operating Company, and the Refinery’s EPC contractor, GS-Daewoo, all four hot taps on the condensate jetty line were performed without any incident or injuries that could have interrupted the operations. This work was performed over a four week period, with the actual hot tap operations being completed safely and without incident in 48 hours.

Laffan Refinery Project Manager, Brian Boles, commented: “Successfully managing a Project’s interfaces is a key success factor, even though much of the work happens behind the scenes. The hard work on our interfaces by Ravi and others has certainly been of great benefit to the Project.”

Promoting Health, Safety and Environment

Over 2,500 people attended a day of fun and learning at the Health, Safety and Environment (HSE) Day held by Qatargas 3 & 4 Project at the Ritz Carlton Hotel on 18th of June 2008. The event was built on the success of the 2007 HSE Day.

The event was held to promote awareness on health, safety and the environment. It brought together 24 exhibitors, from across the oil and gas industry, as well as other organisations working in the HSE areas. Themes included heat stress, work hazards, safe driving, ergonomics and home safety.

The day was officially launched at 9 a.m. by Kerr Johnston, Chief Operating Officer for the Qatargas 3 & 4 Joint Asset Development team, and later was opened to welcoming family and friends.

Mr. Johnston said: "All of us are responsible for safety, at work and outside work. I am pleased that we have

been able to attract so much support for this event from various organisations and companies operating in Qatar. At Qatargas, safety is a core value and our focus needs to be continuous to ensure everyone goes home safe every day. That is why we all need to learn from each other and share safety ideas. This is what the HSE Day is all about."

Qatargas Medical team ran one of the busiest stalls, as thousands queued up to check their vital statistics. Stalls attracted people with various safety messages and 'spot-the-hazard' contest. There was also a variety of give-aways, from T-Shirts and golf balls to stationery kits for children. Exhibitors also ran games with lovely prizes, such as a fine dining certificate at one of the restaurants at the Ritz Carlton Hotel. Qatargas safety mascot, Salamah, paid a visit as the audience flocked around him to be photographed with him.

According to Ken Hudson, the HSE Project Manager for Consolidated Contracting International Company, the outcome of such an event is to get people out from a hectic work setting to a more relaxed environment. "People are usually focused on their work and don't always understand other resources that are required to support their work. Here, at the booths, there is some sort of representation of those resources, and this leads to awareness and appreciation. Safety is the key message of the Day, and if you care, you have to be there!"

The praise was echoed by Awatif Hussein, Senior Public Relations Officer for the Qatar Diabetes Association, who ran an extremely busy stall at the event. Awatif said, "The HSE Day is a great opportunity for us to raise awareness about diabetes. The HSE Day is a very good thing and we would be happy to take part in future events."



The Qatargas view of EMS

Qatargas Environmental Management System (EMS) is a part of the Qatargas Management System for Continuous Improvement (QMSI.) This was developed in line with the requirements of ISO 14001 Environmental Management System Standard.

Qatargas' EMS is a tool for responsibly managing the effects of Qatargas' operations, activities, products and services on the environment. It provides a systematic and structured approach to managing legal compliance requirements and the planning and implementation of environmental protection measures to achieve continuous improvement in performance.

Qatargas EMS is an essential tool which assists the department in achieving the following environmental aspects that are in line with the Qatargas Direction Statement:

- Identifying applicable regulatory requirements and ensuring compliance status.
- Identifying, understanding and minimizing environmental liabilities.
- Identifying environmental aspects and managing any associated risks.
- Maximizing the efficient use of resources.
- Reducing waste.
- Involving employees and management in dealing with continuous

environmental improvement throughout the organization.

- Increasing awareness of environmental requirements and concerns.
- Improving overall Environmental performance and the image of Qatargas in ensuring its positive contribution to society.

The Qatargas EMS is designed around the plan-do-check-act management system model,



which in turn represents the four main processes of the management system.

Various elements of the Qatargas EMS are integrated within the ISO 9001:2000 Quality Management System (QMS) and OHSAS 18001 Occupational Health and Safety Management System (OHSMS) under the umbrella of QMSI.

For the effective implementation of the EMS, and to ensure maintenance of the Environmental aspects register, an Environmental Facilitator has been

nominated from each department.

The responsibilities of Environmental Facilitators include but are not limited to the following:

- Carry out environmental aspects identification and determine significance as per the requirements of environmental aspects procedure.
- Maintain environmental aspects related records and update the environmental aspects register appropriately.
- Responsible for environmental aspects controls issue at the department.
- Periodically update the Head of Environmental Affairs over the performance of operational controls.

The Head of Environmental Affairs works closely with the department managers to establish the Environmental Management Programs associated with the department's

significant environmental aspects. The programs are reviewed periodically during management system audits.

To enhance the awareness of environmental issues at Qatargas, the Environmental Affairs Section conducts various training programs for Qatargas employees and Environmental Facilitators which includes specific training for Facilitators, EMS awareness training and waste management training to all employees and EMS internal auditors training for selected internal auditors. ■

Texas A&M University-Qatar delegates visit North Field Bravo

On June 29, 2008, North Field Bravo (NFB) welcomed a group of students and faculty members from Texas A & M University - Qatar headed by Leticia Salter.

The guests were welcomed by Akram Yousef, Offshore Installation Manager. The visit included a presentation about the North Field Bravo followed by a tour of the facilities which included the PU Control Room, PU Top, and Main Deck and Wellhead one.

After the tour, there was a brief discussion on environmental issues, and how NFB teams are approaching these issues proactively. Subjects included effective waste disposal and environmental protection programs.



Qatargas bags top prizes in badminton tournament

Qatargas employees and dependants won the majority of the top prizes at the third Chairman Cup Oil and Gas Badminton Tournament held recently in Dukhan. About 150 players representing Qatar Petroleum and subsidiaries participated in the annual event organized by Qatar Petroleum.

Channabasava Jyoti won the men's singles, boys under 19 singles and boys under 15 titles while Zulkarnain Abdul Aziz took the Veterans Singles title and Said Malawi and his partner won the men's doubles category.

Mr. Mohammed Ali Al Khaldy, Al Khor Community Director, distributed the awards to the winners.



A day in the life of Charlotte Vanreyk



Charlotte Vanreyk, who hails from Pune in India, has been with Qatargas for nearly 11 years. She has a Masters degree in Commerce and works as a General Ledger Accountant at Qatargas headquarters in Ras Laffan.

Charlotte joined Qatargas in October 1997. “I began my working career with Qatargas. I started as an Accounts Payables Assistant and have worked in a diverse spectrum of roles which have been professionally both challenging and rewarding.”, she says.

Like most other professionals today, Charlotte’s work-day usually starts off with checking her e-mail. She answers queries from the various cross functional areas in Accounting and other user groups whom her section supports. Once this is done, she gets

together with her team to review the activities for the day and check on the progress of assigned responsibilities.

“Currently, a lot of our work involves developing accounting business process plans for the various expansion ventures. As a result, a major portion of the work-day is spent in meetings with the Venture Accounting Teams and IT to understand the business requirements and work out ways of implementing effective accounting systems, solutions and controls that meet these requirements.” she said. In addition to this, there is also a lot of interfacing with the other user groups; helping them trouble-shoot system-related issues and interpret financial information as required.

When asked what the most interesting

aspect of her job was, Charlotte said; “The most interesting aspect of my job is the exposure that it gives me to people who come from different backgrounds and diverse work cultures. Inter-acting with so many talented professionals on a daily basis has helped broaden my perspective and made me more receptive to new ideas and changes. It also provides me with opportunities for continuous learning and self-improvement.”

According to Charlotte, the biggest challenge faced by the team this year was accelerating the month-end closing process to have the books closed within six work days. “The core activity of General Ledger Accounting is closing the financial books of the various QG joint-venture companies at the end of each month. With nine companies on board now, there has been increasing emphasis to close the books as early as possible so that the financial results presented to management, shareholders and other external parties is timely and relevant.”, she said.

“This was a major effort that required considerable support and commitment both from the various user groups and from the General Ledger Accounting Team. I am proud to say that we met our target and at the same time set a new month-end close record. This is indicative of the excellent team-work, dedication and high-standards that are distinctive of our people in Qatargas.”, she added.

“I am proud to say that we met our target and at the same time set a new month-end close record. This is indicative of the excellent team-work, dedication and high-standards that are distinctive of our people in Qatargas”

Charlotte’s family has been in Doha ever since her parents migrated to Qatar over three decades ago. Her father is a retired Civil Foreman who served with the Ministry of Electricity and Water and her mother is a retired teacher. She has two younger siblings, a sister and a brother, who are also working here in Doha.

When asked how she spends her spare time, Charlotte said; “As spare time is so

preciously short, I tend to spend most of it in the company of my family at home. Hanging out with my loved ones helps me de-stress after the high pressure and tough schedules at work. I also love to read and watch movies whenever I get a chance. On weekends I enjoy dining out in the company of my friends.”

Finally, we asked her what her aspirations for the future were, to which

she answered; “Through my work in Qatargas, I hope to gain valuable financial acumen and technical competency that will provide me with career flexibility and give me a competitive edge in the international employment market. At some point in my career I would also like to set up and run my own business and enjoy the privilege of being “my own boss”.

Operations trainees recognized

At the end of July at the Diplomatic Club in Doha, Onshore Operations organized a special recognition ceremony for thirty two Operations TAFE Trainees, who have achieved different levels of TAFE Certification. Operations Management wanted to recognize the dedication and hard work exhibited by our young national Trainees in the workplace. Fred Smeenk (COO-Operations), Hamad Al-Humaidi (Onshore Operations Manager) and Yvon Chapleau (QG-1 Asset Manager) took this opportunity to express their sincere appreciation for the contribution of each individual. They expressed their trust in the continuing commitment of everybody to develop the skills and knowledge required to operate as full professionals in the Qatargas workplace in the coming months and years. Operations team for its part would spare no effort in providing all necessary support and encouragement.

