



EHS Family Day Special

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A Lunchtime Legacy

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Finance Minister Meets Bapco Senior Management to review NAC report on Sales and HR activities



H.E. Shaikh Ahmed bin Mohamed Al-Khalifa, Minister of Finance, Minister in Charge of Oil and Gas Affairs and Chairman of the National Oil and Gas Authority (NOGA), met with the senior management of Bapco. During the meeting, Bapco's Chairman Mr. Adel Khalil al-Moayyed reviewed results of Bapco's follow up of the final report of the National Audit Court NAC on HR and Sales of Bapco and underlined the Board's continued desire since it took over on 01st April 2012 to implement all NAC remarks and recommendations.

The Chairman confirmed that Bapco finished implementing over one half of NAC recommendations in record time,

and will complete implementation of the larger portion of them (42%) within the next three months, noting that only 6% of recommendations will require more time for implementation due to their intricacy with other ministries and establishments, including for instance a recommendation regarding the financial independence of the company.

The Minister directed Bapco to enhance internal audit systems and address any shortcomings within a prompt, integral and comprehensive frame of governance. He thanked NAC officials for their dedicated efforts in safeguarding public money and underlined Bapco's Board and Management commitment in complying with the NAC recommendations and enhancing performance towards achieving the aspired excellence.

Bapco earlier received a total of 113 remarks and recommendations from the NAC and promptly dealt with all of them in a spirit of positive attitude and readiness. The Chairman said Bapco considers those remarks an effective tool in improving its overall performance and addressing any deficiencies.

Yearly Reports discussed at Board Meeting



A regular meeting of the Bapco Board of Directors was held on Wednesday, 7 November at the Bapco Refinery. The meeting was chaired by Mr. Adel Khalil Almoayyed, Chairman, and present were all Board members. The meeting was attended by The Chief Executive and other senior executives. The Board reviewed the operational & financial reports for the year to date and expressed satisfaction on the continued excellent performance. The Board reviewed reports by the Audit & Finance, the Human Resources and the Compensation & Remuneration Committees covering various policies & procedures related to Financial, Compliance, Organisational, Human Resources aspects and provided appropriate directives. The Board was updated on the progress of development of the 2013 Budgets and appropriate guidance was provided to the Management.

The Board also discussed the progress of implementation of NAC (National Audit Court) audit recommendations on HR and Sales and noted that Bapco had completed implementation of more than half of NAC recommendations,

and has directed the executive management to complete the balance recommendations in the next 3 months. The Board stated that Bapco will continue to deal with NAC recommendations in a spirit of positive attitude and readiness and that the recommendations would be used to improve the overall efficiency and work practices towards enhancing Bapco's leading role in fostering the national economy of the Kingdom.

On behalf of the Board, the Chairman expressed thanks and appreciation for the valued continuous support of the Wise Political Leadership and pledged to make every effort to enhance Bapco's positive contributions to the Kingdom. The Chairman thanked His Excellency the Minister of Finance & Minister in Charge of Oil & Gas for his guidance and support in the ongoing success of the Company.

The Chairman Mr. Adel Almoayyed and the Board thanked Executive Management and employees for their ongoing excellent contributions for the success of the Company and looked forward to working together to achieving further growth and prosperity.

Bapco Launches its Environment, Health and Safety EHS Week 2012

Bapco organized the Environment, Health and Safety EHS Week 2012, which was launched on Sunday, 4 November 2012. The theme of Bapco's EHS Week 2012 was 'We Care' which underlined Bapco's commitment towards fostering environmental compliance and its support for efforts aimed at the preservation of the environment and community welfare. The theme also underlines Bapco's ongoing commitment to enhance EHS values not only among its employees and their families, but also for contractor employees and the entire community. Bapco Chief Executive Mr. Gordon Smith said EHS Week is one of the key events on Bapco's calendar and one of the most popular activities in Bahrain. "This activity aims at increasing public awareness of EHS concepts through a series of educational activities, competitions, quizzes, workshops and prizes," he said. "Over the years,

Bapco's EHS Week has acquired a special dimension in the Bahraini community and has become a popular event among our employees, contractors and their families, with over 25,000 people visiting EHS Week 2010 Family



Day. This large number proves the success in delivering the key EHS messages," he continued. Mr. Smith thanked Bapco's EHS Organizing Committee for their dedicated efforts in ensuring the success of this significant event.



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Safety Tip

Minimize use of electrical appliances or equipment during long absences from the workplace

Bapco Provides Gold Sponsorship at Career Expo 2012

Bapco participated in the Career Expo 2012 which took place from 6-8 November 2012, under the patronage of HE Shaikh Khalid bin Abdullah Al-Khalifa, the Deputy Prime Minister. The event was held at the Bahrain Exhibition and Convention Centre, the Kingdom of Bahrain. The Career Expo 2012 targeted the Bahraini secondary, higher education and

vocational students, job-seekers, and the community at large, in an effort to enhance Bahraini students' and job-seekers' better understanding of the professional world and to guide them towards a wide array of career opportunities available to them, and to provide them with relevant information and guidance. Many key organizations had taken part in this prestigious event, in which Bapco is one of the main gold sponsors. Bapco held a stand at the event and was represented by a delegation from the Human Resources and Administration, Training and Development, Public Relations departments, among others. The delegation shared information with job-seekers regarding the work that they do, the training undertaken, career aims and information in general on the work environment. Career Expo 2012 is a high profile event, which will have a positive impact on Bapco's image, and will further promote its corporate goal of being the employer of choice in Bahrain.



Saudi-Aramco Delegation Visits Bapco's Refinery



A high level delegation of Saudi-Aramco has recently visited the Refinery of the Bahrain Petroleum Company "Bapco". During the visit, the delegation toured in a number of operational units of the refinery and the Wharf, and was acquainted with the operations carried out at the refinery. The delegation hailed the high standard of performance and Bapco's commitment to comply with latest technologies in oil industry. The visit is part of the technical expertise exchange and the ongoing cooperation between Bapco and Saudi-Aramco over long years. It is also envisaged as part of Bapco's continued interest in fostering relations with leading oil establishments in the region. Upon the conclusion of the visit, Saudi-Aramco delegation thanked Bapco's management for organizing the visit which allowed them to get acquainted with Bapco's latest services and accomplishments in upgrading oil industry. Members of the delegation wished Bapco continued success and prosperity. For its part, Bapco expressed pride in the visit, lauding Saudi-Aramco's prestigious status and the close cooperation ties between them in long decades towards enhancing oil industry regionally and globally.

Bahrain International Garden Show 2013 showcased at diplomatic gathering

Opportunities on offer to international investors through Bahrain's agribusiness sector were highlighted at a diplomatic gathering on 6 November 2012. The event was held to promote the 2013 Bahrain International Garden Show (BIGS), which will showcase a wide variety of consumer and industrial goods and services.

The meeting was coordinated by the Jusoor programme, an initiative designed to establish communication channels with female diplomats, including the wives of ambassadors at

Princess Sabeeka Park in Awali to shed light on the show. Shaikha Maram bint Isa Al Khalifa, General Coordinator of BIGS, spoke to the guests about the show's objective of bolstering investment in Bahrain's agriculture sector and how they can help encourage cross-cultural exchange by promoting it to contacts in their own countries.

"Agribusiness is an area that has experienced much underinvestment in recent years, contributing less than 1% to the Bahrain's Gross Domestic Product (GDP). BIGS will be shedding light on the many opportunities that exist in this sector," she said.

"BIGS has grown from a local event to an international expo in recent years, with exhibitors coming from US, France, Spain, Italy, the UK, Germany, Turkey, Egypt, Sudan, Syria, Iran, Thailand, Japan, Jordan, Iraq, Lebanon, Yemen and Tunisia, in addition to all the GCC countries," added Shaikha Maram. BIGS, which is organized by the National Initiative for Agricultural Development (NIAD), will take place from 27th February to 2nd March, 2013 at the Bahrain International Convention and Exhibition Centre. It will be held under the patronage of His Majesty King Hamad bin Isa Al Khalifa and with the support of Her Royal Highness Princess Sabeeka Bint Ibrahim Al Khalifa, wife of the King of Bahrain, and President of the consultative council of the National Initiative

for Agricultural Development. Thousands of visitors attend BIGS every year, including VIP's, architects, consultants, developers, and other industry professionals, as well as hobbyists and retail consumers.

Headed by Shaikha Wesal bint Mohammed Al Khalifa, wife of Foreign Minister Shaikh Khalid bin Ahmed Al Khalifa, the Jusoor programme introduces female diplomats and the wives of diplomats to the local culture, heritage, and achievements of the Kingdom of Bahrain. It creates social and networking opportunities to assist its members to adapt quickly into Bahraini society and promotes cultural exchanges.

Bapco will participate in BIGS 2013 with a stand as part of its continued support for the agricultural sector of the Kingdom of Bahrain.



Bapco's Human Resources Division Honours Long Service Employees

As part of its ongoing commitment to honour long service employees and recognize their dedicated efforts in serving the company and contributing to its progress and prosperity over the past years, Bapco's Human Resources Division has recently held a service award ceremony to honor a number

of its long service employees who spent 25 years in serving Bapco. The ceremony was held at the Bapco Club in Awali. During the ceremony, General Manager HR Mr. Ghassan Mohanna gave a brief speech in which he thanked the awarded employees, hailing their dedication and loyalty in

serving Bapco and achieving its aspired goals over the past years. Upon the conclusion of the ceremony, certificates of recognition were presented to the awardees. The activity was attended by a number of officials and colleagues of the Human Resources Division of Bapco.



Bapco Participates in ADIPEC 2012

Bapco participated in the 15th edition of the Abu Dhabi International Petroleum Exhibition & Conference (ADIPEC) which took place from 11-14 November 2012 at the Abu Dhabi National Exhibition Centre (ADNEC), UAE. Bapco participated with a high-level delegation comprising senior officials of different divisions and departments

of the Company. Bapco's stand featured its latest projects and activities and was a good opportunity for visitors to learn more about the company's latest projects and initiatives. Bapco is a regular participant in this event as part of its ongoing commitment to enhance its global presence as a leader in the oil sector. This is also in line with Bapco's continued efforts to further enhance its global profile and prestigious status amongst leading industrial organizations worldwide. ADIPEC is the largest exhibition for the Middle East oil and gas industry. This year, it hosted over 1,500 exhibitions and attracted more than 45,000 attendees. It served as the ideal place for oil and gas industry professionals to get together and experience, discover, network, discuss and debate core industry issues.



Bapco Provides Financial Support to Bahrain Chinese Friendship Society



Bapco recently presented financial aid to the Bahrain Chinese Friendship Society as part of its ongoing commitment towards supporting the various institutions and organizations in the society. Bapco's Chief Executive, Mr. Gordon Smith received the Director of the Bahrain Chinese Friendship Society, Mr. Ali Al A'am at Bapco's Guesthouse, Al-Dar, in Awali. During the meeting, Mr. Smith presented the cheque and hailed the key role of the Bahrain Chinese Friendship Society in fostering the bilateral relations between the Kingdom of Bahrain and the People's Republic of China on various cultural, social and economic arenas, wishing the Society every success. On his part, Mr. Al A'am expressed sincere thanks and appreciation for Bapco, for its ongoing support for the Society, hailing its role as a key contributor of the social development in Bahrain. He wished Bapco all the success and progress in serving the goals and aspirations of the Kingdom.

TÜV Functional Safety Certification of Bapco Engineers



In line with Bapco's drive towards enhanced safety and pursuant to the stated requirements of the industry, the Engineering Division recently engaged a leading functional safety certification course provider, RISKNOLOGY, to set up and organize a TÜV Certification Course. The course was conducted at the Bapco Club. Seven Engineers from Process Control and Instrumentation (PC&I), Risk and Reliability Management (RRM), and Plant Maintenance departments successfully passed

the certification examination with excellent credentials and have thus become TÜV Functional Safety Professionals (FSP). Currently, nine Bapco engineers have been accredited with the prestigious TÜV certification. Getting nine Bapco engineers to be TÜV certified underscores the high level of commitment to system functionality and safety on the part of Bapco management. Bapco operations involve numerous processes and equipment that are required to be safely operated within specified

limits or critical and controlling parameters. This is the essence of Osool Bapco 1 which states: Always work within design or environmental limits. Within the framework of our OEMS (Operational Excellence Management System) the primary means of ensuring that process parameters remain within safe limits is provided through our process computer control systems (i.e. the DCS-Distributed Control System) and known as the Basic Process Control Systems (BPCS) in risk management terminology.

Red Crescent Society delegates visit Oil Museum



Bapco hosted delegates of the Bahrain Red Crescent Society as honoured guests on November 19, 2012 at the Dar Al Naft Oil Museum. The event was part of its ongoing activities to foster its relationship with Bahrain societies of prime importance. The delegation comprised Mr. Hassan Besharat – Deputy Regional Representative of the International Committee of the Red Cross (ICRC), Dr. Fowzi, Secretary General of the Red Crescent Society, and Executive Director of the Bahrain Red Crescent Society, Mr. Mubarak Al-Hadi. The visit consisted of a full tour of the Dar Al Naft Oil Museum, which enlightened the delegation and helped them understand more about the oil and energy business in Bahrain. The gentlemen then thanked Bapco for hosting a well organised visit and hailed the company's role in strengthening relations with key partners during the visit.



Children's Bahrain Academy Delegation Visits Oil Museum

A group of students from the Children's Bahrain Academy has recently visited the Oil Museum. The visit is part of the ongoing efforts of Bapco to foster mutual cooperation with the various organizations and institutions of the Kingdom. During the visit, the group toured the various sections of the museum and was briefed on its collections and possessions. The children viewed the rare exhibits of the museum which gave them a good idea about Bahrain's history and heritage. Upon the conclusion of the tour, the academy officials thanked Bapco for arranging the visit, and wished the company continued progress & prosperity. The museum, currently managed by Bapco, features various exhibits and collections which seek to preserve and disseminate knowledge on the history of oil discovery in the entire region. The Oil Museum has developed over the years into an educational center and a major tourist and educational attraction. It is dedicated to the theme of oil, its exploration, discovery and development in Bahrain, and its impact on the life of the people of Bahrain.



Bapco EHS Family Day 2012

Message from Acting DCE (R&M) Khalid Sabbagh

On Saturday, 11th of November, Bapco celebrated the grand finale of EHS week at the Bahrain International Circuit. The ceremony was inaugurated by His Excellency the Minister of Finance and Minister in Charge of Oil and Gas Affairs and was attended by the Bapco Board of Directors and Executive Management. Over the twelve hours of the event, more than 25,000 Bapco and contractors' employees and their families visited the site and had a great time.

The occasion was truly enjoyable and fun-filled. I believe everyone had a good time, especially the children, who enjoyed the interaction, quizzes and the games. Many received giveaways or won prizes by participating in the various games and quizzes. There were stands set up by various Bapco departments, contractors, schools, government directorates and private entities promoting EHS themes, allowing visitors to participate in games, quizzes and of course enjoy the prominent food stall. The event ended with a grand draw with many valuable prizes.

The event was a success by all measures. This is a testament to the good organisation

and hard work put in by the EHS Week committee members. I noticed during my visit to the site during the preparation for the family day that members were in high spirits and enthusiasm. Everyone was putting in great effort and hard work, not to mention spending long hours away from their families, to get everything ready for the big day.

I believe this EHS Week Family Day was the most successful event since we started celebrating EHS week. I attribute its success to the commitment, good organisation and dedication of the EHS Week committee members. It was an outstanding example of teamwork.

On behalf of Management and the EHS committee members I would like to thank all those who contributed towards the success.

Best Regards

Khalid E. Sabbagh

Acting DCE (R&M) and EHSC Chairman



Bapco EHS Family Day ... As It Happened



By:
Dinesh Ramanathan

The Bapco Environment Health and Safety Family Day 2012 kicked off in great splendor as HE the Minister of Finance, Minister in charge of the Oil and Gas Affairs and Chairman of the National Oil and Gas Authority, HE Shaikh Ahmed bin Mohammed Al Khalifa and esteemed Board members arrived at the Bahrain International Circuit in Sakhir. The inauguration took place on the red carpet at 9 AM, to commence proceedings on a morning that began with pleasant weather conditions, but displayed trademark Bahraini heat and humidity as the morning progressed.

It was a fluctuating influx of visitors during certain stages in the day time, but as the EHS Family Day lapsed from day to night, the BIC came to life with a rejuvenated roar, the electricity imminent among the multicultural crowd swarming the floodgates of the venue. Abuzz with energising Arabic music pouring through the BIC village, the occasion brought together a swarm of families who will remember the EHS Family day 2012 for a long time to come.

The Islander was on its beat, blending in with an interestingly diverse crowd and getting a crystal clear feel of what it was like to be a Family Day visitor. Some valuable insight from the masses ensued, with guests expressing their views on arrangements, activities, and

what drew them to the BIC.

Mohammed Larbi, Bahrain Karate Federation coach and Mohammed Mashallah from the Buchen Group were two such visitors that The Islander rubbed shoulders with. Mr. Mohammed said, "I'm here today with my grandkids since 2:30 in the afternoon. I'm particularly interested in visiting the car show, and my kids are looking to explore the kids' play area. Every year, the EHS ensures that there are lots of activities for employees as well as their families, for whom the entire programme has turned out very educational. On the side, though, I wish there was more water available for visitors, as it's a very humid evening."

Expatriates were out in full force as well, as Shanavas Ali, from MSCE said, "This is my third time here. I like the fact that I can learn new things about safety here, and pass that information on to others. I think the more people are willing to participate in the activities and visit stalls, it helps improve the overall level of safety since people can retain the information in mind when faced with a real life situation. Bapco has put up some fantastic stands, but for the next edition, I hope to see more involvement from the contractors."

The involvement of non-employees was tremendous too, as much of the evening brought on curious guests from around Bahrain. John Robin, from Xerox, was one such visitor with his family. "I'm here at Bapco's EHS Family Day for

the first time. My family and I had heard about it the last time too, but this time some friends from church were visiting and insisted we join. I decided to give it a try, and I must say there are some fantastic arrangements for children's activities. This is a new environment for us, very carnival like, and I've only been here 45 minutes and already feel like I've learnt a lot about health and safety."

In the midst of all the enjoyment, guests were ever ready to offer their valuable feedback so as to help make EHS much bigger with every passing edition. Rishi Raj, Sales Engineer at Ideal Project Link, said, "I think it can be a little more organized. There can also be more games for the kids. I was given a few coupons by Al Komed traders, and that motivated me to visit. I'm really looking forward to the cars, the Mustang GT in particular which is my personal favourite."

Mahendra Murthy, a recent inclusion to Bapco's workforce, works as a control operator and was spotted with a big smile near the giveaway stand. He said with much enthusiasm "This is my first year in Bahrain, and I've just come over with a couple of friends. It's nice to see so many companies taking part in Bapco's EHS day; it actually allows you to gain an understanding of the event management side of things as well. I'm really impressed with the kind of demonstrations and arrangements that are being carried out here today."

However, comments and input weren't limited only to spectators. Fred Castro, manning the Lost Paradise of Dilmun stand exclaimed "The turnout is massive – I never imagined this kind of a crowd! It's non-stop fun for visitors today!" The event's Family element couldn't get any more obvious, with people flowing in in groups of three, four and five. Ashok Kunder and family looked happy as ever at Bapco's EHS day festivities, with Mrs. Kunder cheerfully remarking, "This is a well arranged event here today. It gives us a fantastic break



from our daily routines. There are some really useful giveaways being handed out, and the kids are glad to be here today as well. So I think it's a great family event overall."

Naveen and Judith Mendonca made a contended couple at the BIC village. Naveen, one of Bapco's own, said, "We visit Bapco's EHS Day every time. It is a well arranged programme this year, and the kids were bent upon making it today as

they wanted to join in the fun and activities. I'm also looking forward to the vintage car collection." Judith, a nurse at Awali hospital, pointed out insightfully "One thing that we've found particularly helpful is that all the giveaways can be collected from a single stand. It's very convenient for families to have a one-stop destination at the end of all the activities."





Vintage Car Show

By:
Dinesh Ramanathan

With all the talk about the car show and scores of visitors admiring the automobiles in awe, gems from the past duly justified the time renowned phrase, 'Old is Gold'. It was a classic car fiesta, with legendary American muscle adorning the BIC village unhinged. Age-old legacies like the Pontiac Trans Am, the Ford Thunderbird, Chevelle SS and the Chevrolet Impala stole the spotlight at the village, to name just a few. The Islander took to the asphalt with two very proud car owners. Ali Abbas is the proud owner of three show stoppers on display at the BIC; the Chevrolet Impala '69, the Chevy Malibu SS and the Cadillac '66 De Ville. He said with great excitement, "My cars are a true celebration of American muscle, and were specially ordered from the US. I even get parts for them shipped from the States in a matter of weeks, and sometimes this even

turns out more economical for me. I've taken the Impala to four car shows already", he remarked with a smile, and to no surprise. The Chevrolet Impala was unanimously one of the headliners of the vintage car show, with its trademark robust stature and mile-long chassis shimmering in a coat of golden paint under the BIC's floodlit stage. But maintenance is always an intricacy with a car that has delighted many for all of half a decade, as Ali explains, "My classics only see the road maybe once or twice a year – they're not for daily use, they're my pride and joy. I even have a special cover for under the hood to make sure that the engine remains in optimum condition. Even if I could choose between a Lamborghini and one of these, I would go with the classic because its uniqueness is what draws me to it. I've spent over 1500 dinars only on painting this car. Little things like the spark plugs and the white rings around my tires are shipped in from suppliers in California and Texas. But I make

sure everything's authentic, because each and every part is an investment when it comes to my vintage cars." Mahmood Greepaly, owner of Greepaly Garage in Salmabad, has brought a 1957 Mercury Turnpike Cruiser to the show that commands respect like a kingpin. Boasting a layer of incredible blue, the Turnpike is the first car of the lot, and rightly so with its undeniable appeal. Mr. Greepaly, seated comfortably beside his classic, says off-handedly, "The first time I took this car to a show was in Durrat Al Bahrain and it won second place. I've metamorphasised the car; taken it apart, done repairs, repainted it, registered and insured it. You name it, I've done it." It makes you wonder as a spectator though, as to what drives these gentlemen to treat their cars like a member of the family, if not better. "Since my dad was involved in the automobile business, I've had a lifetime love for muscle cars. I love the Lincoln '69 Intercontinental among many others," he adds, stroking the hood proudly.





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"IT IS UP TO OIL TO DO THE JOB"

Keeping pace with Europe's economic renaissance

Enormous oil investment will be required in the near future to keep pace with Europe's economic renaissance, according to *Oil Progress*, quarterly magazine published by the Caltex Group of petroleum companies, of which Bapco is a member.

These investments, the article predicts, will be required for vastly enlarged transportation, storage, and distribution facilities. They will particularly affect the steel industry since vast quantities of steel will be needed to complete the expansion programme.

"Many observers feel," *Oil Progress* states, "that the availability of steel now will have a direct effect upon the ability of the oil industry to supply energy in the years ahead."

The magazine points out that increasing demands on the oil industry spring from a two-fold source: Europe's great industrial growth since the war, and the fact that coal as a source of energy will not keep pace with that growth.

The article, based on a study by Dr. Francis McIntyre, chief of the Economics Department, California Texas Oil Company, Limited, points out that in Belgium coal supplies are running out and the cost of production is high. Further, Denmark will have an 11 per cent decline in available coal in 1956.

Imports from U. S.

The Netherlands imported 1.6 million tons from the United States in 1955 and expects to need 3 million tons this year.

France now mines 54 million tons per year and it is now likely that, with present methods of production, 60 million tons will be the ceiling.

Sweden, relying on imports, has already felt an availability decline—from 7.7 million tons in 1938 to 4.2 million in 1955.

In Great Britain, the Organization for European Economic Cooperation has estimated that, by 1975, 125 million tons of coal equivalent will have to be supplied by oil—even if atomic energy will then be supplying the equivalent of 40 million tons of coal.

Needs doubled

All over Western Europe, *Oil Progress* concludes, "It is up to oil to do the job. Economists do not believe that oil will supplant coal completely, especially in coal-producing areas; on the contrary, they maintain that fuel oil will supplement coal, picking up the burden of supplying the expanding future energy needs."

The future, according to William F. Bramstedt, president, California Texas Oil Company, Limited, will see "Europe's needs for petroleum products at least . . . double in the next twenty years." And that petroleum supply will only be possible "with the cooperation of the people

of many lands, of many industries, and of many governments. At the same time," he points out, this task "within the considerable experience of the industry and its customers, will best be accomplished in a competitive atmosphere."

"Competition has always been strong in the oil industry," Mr. Bramstedt said, "Out of this competitive situation has arisen a healthy and efficient industry that has met, and is geared to meet, any challenge of increased need."

CAST CHOSEN FOR "TWO DOZEN RED ROSES"

With so much talent to choose from, casting for "Two Dozen Red Roses" provided a knotty problem for Mike Jones and the committee at an Awali Hall audition last week.

More than 40 A. R. T. S. Members attended. It is hoped the production will be ready for presentation at Awali Theatre in about eight or nine weeks.

The cast was finally selected as follows:

Marina, Pat Rodger; Rosina, Jean Fry; Alberto, Wally Hammond; Bernardo, Martin Smyth; Thomas, Stuart Clarkson.



120 TONS OF STEEL COMES GENTLY TO EARTH as the B. J. Project team lower one of the disused coke chambers on the Thermal Crackers preparatory to moving it to the site of the new Platformer. There it will be used for hydrogen storage.

DEADLINE FOR RETURNING OF OLD BADGES

For any Bapco employees who still have the old type of identification badge, August 15 is the deadline for turning them in and getting new ones.

"After that date," warns a Management announcement, "the old type badge will not be acceptable for drawing pay, bus tokens, etc., and will not serve as admission to any restricted area."

Few, if any, of the old badges are still in use. And with the completion of the change-over on August 15, badge regulations will be strictly enforced.

"From that date," Frank Excell, Head Security Officer, told the *Islander*, "everyone going into a restricted area will be expected to wear his badge at all times."

As most employees know by now, the new badges have two colour identification squares—green for the Refinery, Drum Plant and Sitra Tanks, and red for Sitra Wharf.

In addition, as an aid to locating employees, badges issued to members of the Maintenance and Operating Departments have distinguishing borders of yellow and black, respectively.

Vacuum Unit goes out to California

The first truck loads of No. 6 Vacuum Distillation Unit were delivered this week-end to the ship *Steel Age* at Sitra Wharf for shipment to Socal (Standard Oil of California) in California.

The Unit was originally intended for erection as part of the Quality Improvement Project, but changing market demands resulted in a change of building programme which excluded for the present further vacuum distillation.

Duane Brumagim, Project Manager, told the *Islander* that about half the unit has been sold, including the main column, furnaces and heat exchanger equipment. In all, about 600 tons of equipment will be taken on board the *Steel Age* during the next day or two.

To move all this cargo from the Project site in the refinery, Transport Department is using a fleet of 14 trucks and will work round the clock.

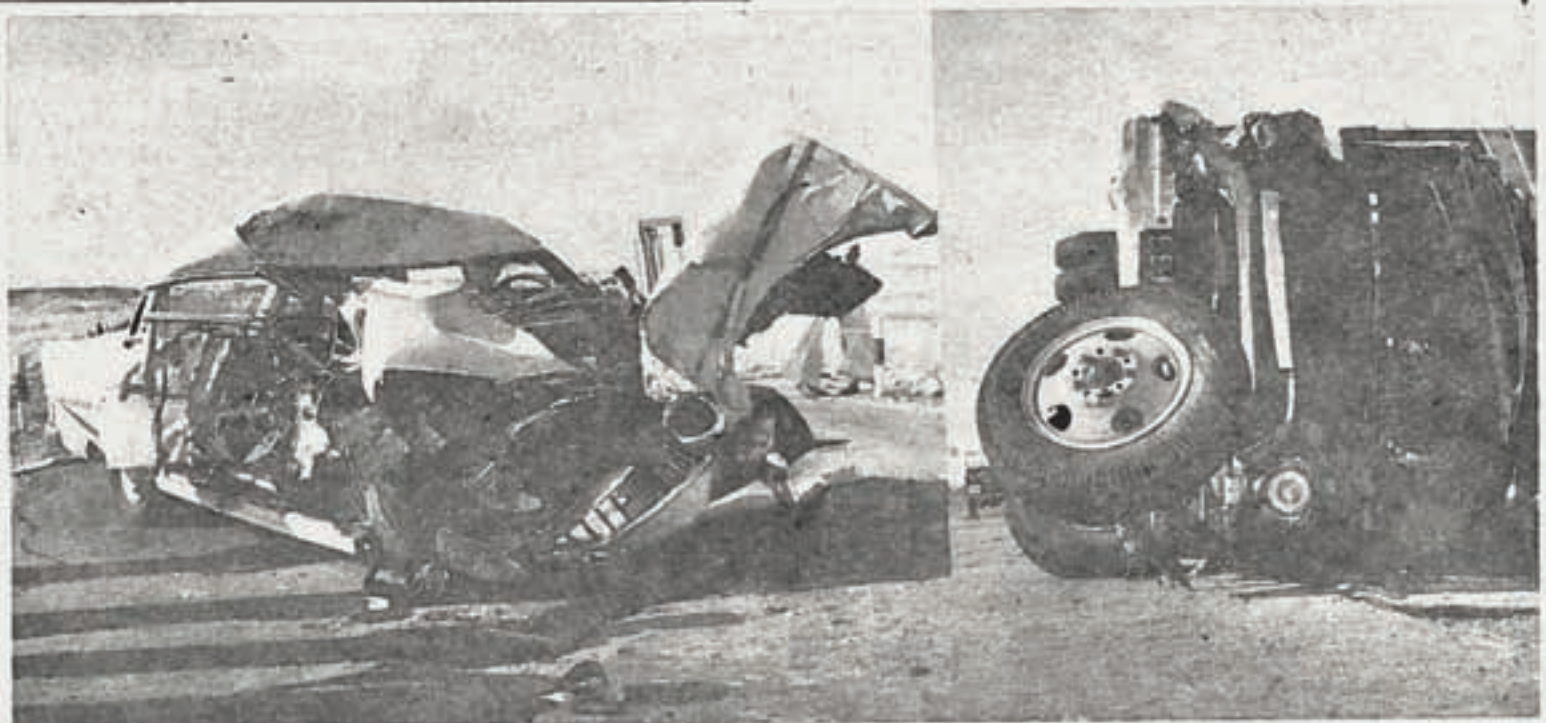
25 big lifts

John Box, Superintendent of Transport Department, said: "There will be about 25 big lifts during the course of the operation, the biggest of them being 28 tons. We shall be using low loaders for these."

For Stores Department, the shipment has involved all the paper work relating to 922 packages. Eric Hawthorn, Acting Superintendent, said, "This is the first export of a unit we have ever handled. Usually dry cargo is moving in the other direction."

Comment from Mr. Brumagim: "Know anyone who wants to buy the remaining half of the V. D. U?"

Woman killed in crash on Manama road



A WOMAN WAS KILLED and a taxi-driver injured in a collision between a bus and a taxi at the bottom of Rifa's Hill on the main Awali - Manama road on Sunday afternoon. The driver of the bus escaped with only slight injuries and fortunately there were no passengers on the bus. The taxi-driver is still in hospital, but his injuries are not serious.



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EDITORIAL

IDEAS

The subject "Ideas" has been discussed many times recently in Bapco Management meetings, and the question has been asked: "Does everyone know how to get his ideas across?"

It has been suggested that an employee may have ideas which could benefit both the Company and his fellow employees but that he may not know the best means of having them put into effect—or may even fear that his suggestions would not be welcomed.

But of course all ideas are welcome. There must always, in an operation like ours, be channels through which any possible good suggestion can be routed. And in Bapco there are three possible channels for action. They are:

1. Through the line of authority
2. Through the suggestions scheme
3. Through Personnel Department.

If an idea relates to a man's particular field of the operation, then obviously the best route for his ideas is through his immediate superior. That does not, however, preclude him from using the other routes and, for example, his idea submitted through the suggestions scheme would be considered *anonymously*, for only the secretary of the scheme knows the origin of ideas—part of the special form provided is detached by him before the remainder is submitted for departmental consideration.

Then, too, an employee may have ideas which could not be classed as "suggestions" and are outside his own particular field. In that case he might consider going through Personnel Department.

But whatever route he chooses, his ideas and interest will be appreciated. There may be some good reason why his suggestion cannot be put into effect—but he will be given an explanation.

Your ideas are needed.

FOR SALE: 1948 Studebaker
Champion Saloon (blue). Price Rs.
2700, House 617B, Phone 1351.

'Islander' Takes a Peep at the

Dining Hall

Catering for bachelors

"The figure of about 61,000 is a normal monthly turnover of meals served from the Awali Dining Hall kitchens," said Doug Patten, Supervisor Dining Halls, when we took a peep into the Awali Dining Hall this week.

Not all these meals, of course, are eaten in the Awali Dining Hall itself because, in the big well-equipped Dining Hall kitchen, food for the Awali canteen and the Refinery Dining Hall is prepared and cooked.

Running a daily meal service for thousands of people is always a highly complex business and in this case it is more complicated because it must cater for shift workers. So Doug Patten, who has to think in terms of several places at once and many different sets of hours, is also faced with the fact that time schedules have to be met.

"In the Dining Hall we run from 5 a.m. until 2 a.m. the next morning," he told us, "thus our operations continue for 21 hours out of each day."

Long Hours

These long hours include the nightly process of bread-making. For all bread sold in the Commissary and eaten in the dining halls and canteens is baked in the Dining Hall, and after the last meal at night is served, baking still goes on until after two o'clock in the morning.

Again Doug consulted his monthly figures. "During the month of May," he reported, "we baked 18,400 lbs of bread for the Commissary alone, plus 12,200 lbs for use in the dining halls."

"And our flour consumption over a month for bread-making is around 22,000 lbs," he added.

Apart from serving breakfasts, luncheons, dinners and suppers, the Dining Hall provides and dispatches lunch boxes as required.

We asked how the menus for meals were planned. First, Doug works out quantities and puts his orders for food through the Commissary. "We make out a month's menus like this," he explained as he showed us a detailed course-by-course chart.

"Every meal is carefully planned so that we give a balanced diet, but it is all, of course, subject to availability of certain foods in season."

Short Notice

The Dining Hall caters, primarily, for bachelors and bachelor girls. "All our facilities are at their disposal," Doug said, "and the private dining room is there so that bachelors can have friends to dinner or have the opportunity to return hospitality."

The Dining Hall caters for functions at Awali Hall and also for such occasions as Service Pin parties, gatherings by the various societies here and for entertainment for groups of visitors to Awali.

Nothing can surprise Doug or his staff. "I received fifty minutes notice the other day," he told us, "to prepare for 250 people to sit down to lunch!" And they did, without a hitch!

All restaurants suffer breakages and the Dining Hall is no exception. "Our replacement of china in June was 1,650 pieces," Doug said, "and this included chipped as well as smashed crockery. We try as much as possible to keep chipped pieces off the tables."

Replacements in silverware during June amounted to 800 pieces.

The Dining Hall is always ready and willing to help with parties in private homes. Cocktail snacks can



A WAITER in Awali Dining Hall collects a lunch order from the Service counter.

be ordered and they have made many beautiful wedding cakes. "We also try to help people out if they want a cook or waiter for a private party," Doug told us.

The Dining Hall has a staff of 233, which includes cooks, waiters and storemen, who work in shifts to keep the service going. Many of this staff have been with the company for a long time. Mohammed Sharif, who is well known to many people as an assistant head waiter during the night shift, has now been with Bapco for almost 20 years.

When we left, lunch-time was well over and the Hall was empty. The gas stoves in the kitchen had cooled down and the automatic ice cube-making machine had, for the moment, thermostatically turned itself off. An air of peaceful anticipation hung over the place and even the chairs seemed to be taking a brief rest in their positions on top of the tables in preparation for floor wash.

Brief Rest

But it was a deceiving peace. Plans were already well advanced for the next meal and, before two hours had gone by, the doors of the Dining Hall would once again be swinging on their hinges and the first early diners would be sitting down to a good meal before the next shift or before spending a quiet evening at the pictures.

Letter to the Editor

Dear Sir,—It is well known that the staff of the Mail Office daily perform miracles under the most adverse conditions—not excluding a 20-knot "shamal." Customers' exasperation could be somewhat offset if the harassed staff were able to devote more time to them and less to handling and re-handling insufficiently addressed correspondence, chiefly internal.

Could not individuals' Box Numbers be more widely disseminated? Master P. Q. Smith is dismayed because that party invitation reached him only the day after the event. His mother, Mrs. X. Y. Smith, thinks it odd there is no news of that dress she was after. But no more than a wild guess on the part of the sorter would have these communications delivered correctly and immediately into Box 999, A. B. C. Smith, breadwinner concerned. As it is, many members have to be "tried," probably at 24 hours delay per try.

It might be possible to publish Box Numbers by circular, Notice Board or Telephone Directory. In any event it would obviously be of the utmost assistance were letters intended for members of an employee's family to be addressed in care of the employee by his full name and initials.

Yours etc.

"ONE OF THE SMITHS"

Editors Note: Receipt of this letter prompted us to check with the Mail Office and we find, for example, that there are 16 employees with the name Smith, 9 employees named Taylor, and so on—to say nothing of the wives and children in the families. Inadequately addressed mail therefore makes it very difficult for the sorters. If all letters are addressed with the name, initials and Box Number of the employee concerned, this would overcome much of the trouble. Lists of Awali residents showing their mailbox numbers are available for reference at the Mail Office or Communications Section.

LOCAL BEAUTY SPOT is this water garden on the Manama road close to the Bapco bus compound.

THE BAHRAIN SCENE



WORLD NEWS BRIEFS

BY KEN OGIER

Egypt

The consequences of Colonel Nasser's decision to nationalize the Suez Canal Company are impossible to foresee at the time of writing.

But the action does serve to point up the importance of the canal in world trade. Vessels of nearly fifty nations passed through the Suez Canal in 1955, sailing to almost as many different countries.

In recent years tankers have formed an ever larger part of the traffic; last year they carried 76 million tons of the 116 million tons of merchandise passing through the canal. Through Suez, according to the *Times*, comes more than half the quantity of oil and petroleum products imported into Western Europe, as much as seventy-five per cent of those imported into Britain. Fifteen percent of United States consumption of oil products also passes through the canal.

One effect of Colonel Nasser's action will almost certainly be a speeding-up of the construction of high-speed super-tankers. The *Times* quotes the latest issue of the "Petroleum Press Service" written before the nationalisation, as saying that "it is already cheaper to route a ton of oil in a super-tanker from the Persian Gulf to the United States east coast via the Cape than to send it in a smaller tanker through the Suez Canal."

U. S. A.

The strike which had paralysed the greater part of steel production in the United States ended on July 27 when the employers and unions signed a three-year, no-strike agreement which also provided for an increase in wages.

It is estimated that the wage increases will add ten dollars a ton to the cost of steel. The strike had lasted for 27 days.

U. K.

It was announced last week that the American company, Capital Airlines, is to buy fourteen Comet IV jet airliners at an estimated cost

of £19 million. The first aircraft are due for delivery in 1958.

Capital Airlines were the first American company to use British aircraft. Thirty Viscounts are already in service and a further forty-five are on order. According to reports, they are proving "outstandingly successful."

It was reported on Friday that the Bank of England is to introduce a new £5 note next year. The new note will be slightly larger than the present £1 note and will be printed on the same type of paper. The present large, flimsy £5 notes will then be slowly withdrawn from service.

Sport

This year's 24-hour race at Le Mans, which has always attracted a large British entry, was won by a Jaguar driven by Flockhart and Saunders. Moss and Collins came in second in an Aston-Martin, and there were six British cars among the first eight home.

Recreation Calendar

FRIDAY, August 3:

Scottish Country

Dancing 8.15 p.m.

SATURDAY, August 4:

Water Polo Practice 6.00 p.m.

Softball 8.00 p.m.

Modern Dance Club 8.00 p.m.

TUESDAY, August 7:

Mixed Choir Practice 8.00 p.m.

Tennis Club Evening 8.00 p.m.

WEDNESDAY, August 8:

Water Polo Practice 6.00 p.m.

Softball 8.00 p.m.

Watch Bulletin Boards for team selections and other announcements.

Tentative:

Water Polo v Combined Service Monday, August 6,

Water Polo v Kuwait Friday, August 10

Future:

Novelty Swimming Gala Friday, August 24.

SERVICE PINS

Twenty Years

August 1 — Haji Mohd. Ali bin Haji Ahmed.

Ten Years

July 29 — Jassim bin Abdullah
July 30 — Mohamed bin Ibrahim.

July 31 — Makki Haji Hassan, Hussein bin Haji Nasser.

Five Years

July 26 — Ali bin Mohamed, Ahmed bin Kadhim, Jassim bin

Mohamed, Abdulla bin Haji Makki, Mohamed bin Salman.

July 28 — Idris bin Abdulla, Salman bin Ibrahim, Makki bin Ahmed, Ali bin Kadhim, Sayed Abdul Nabi bin Sayed Hussein.

July 29 — Hussein bin Ghulan, Mohsin bin Abdulla, Mansoor bin Abdulla, Salman bin Ali, Jumma bin Mohamed.

July 30 — Ahmed Shamsuddin, Mansoor bin Jawad, Sayed Mohamed bin Sayed Ahmed, Hassan bin Mohamed, Ali bin Abdul Wahab, H. Hoult, H. Huddleston.

July 31 — P. G. F. X. Gomes, Sayed Hassan bin Sayed Ashoor, Sayed Taki bin Sayed Ibrahim, Awadh bin Hamed, Jassim bin Haji Mohamed, Abdulla Rashid.

August 1 — Sultan bin Esma, Kadhim bin Jumma, Sultan bin Abdulla, Abdulla bin Jumma, Ahmed bin Abdul Aziz, Sayed Hashim bin Sayed Alawi, Abdulla bin Jassem, Jumma bin Hamid bin Sager, Mohamed bin Amer Mohamed, Esma bin Ali bin Salman, Abdulla bin Ali Ahmed.

FREAK WEATHER

It actually **RAINED** in Awali on Monday! The official recording equipment in Engineering Department showed "a trace"—the first time such a thing has happened in July since the weather log was first kept in 1936.

Shortly after 8 a. m. a few heavy drops fell on the centre of Awali. Some residents living out on the outskirts, however, reported "No rain here."



AT THE CONTROLS of one of the Haynesworth's light A. A. guns, Kenneth McKim takes aim on an imaginary target.



OUT FROM THE MAIN GUN TURRET come Richard Lewis and Nicky Axlotes

Children's visit to U. S. ships

About 50 of the senior children of Awali School last week visited the U. S. destroyers *Haynesworth* and *Weeks*, which spent a few days at Sitra anchorage.

A Bapco launch took Junior IV and Senior I children to the *Weeks*, and Junior III to the *Haynesworth*, on a visit which had been arranged at short notice. Both ships were due to sail the following morning.

On board the ships, the children were divided into small groups and members of the ships' companies conducted them over the vessels.

Then the youngsters were given the complete freedom of the ships, and a full morning's programme included the serving of light refreshments.

Acting Headmaster Maurice Bowler told the *Islander*: "The ships' companies were excellent hosts."

POLICE DUTY OFFICER

The Bahrain State Police announce that a Duty Officer post has now been established at the Headquarters of Bahrain State Police. A police Duty Officer is on duty during the hours from 6 p.m. to 6 a.m. daily. In addition on Fridays and Public Holidays a Duty Officer is on duty from 6 a.m. to 6 p.m.

In event of any member of the public requiring to report any offence, or other emergency or requesting any police assistance, they should telephone to the Police Duty Officer, telephone number 3876.



EXPLANATION OF TORPEDO TUBE is given to Headmaster Bowler and a group of the boys of Junior III by Ensign Hall.



DEPARTURE from the Haynesworth for girls of Junior III.

♦ London Diary ♦

Off with the Old...

One of London's best-known entertainment spots will make way for a fashion store if present plans go through.

The Tivoli Cinema in the Strand will be closing in the autumn because it has been running at a loss for several years.

The fashion house—Peter Robinson—wants to demolish the Tivoli and build a three-floor shop to cater for business women working in the area.

Way back in the 1860's the site of the Tivoli was a refreshment centre. The famous music hall was built there in 1890 and the cinema started running in 1929.

Covent Garden Opera House is also losing money but it won't have to close.

But, says chairman Lord Waverley, the production of English operas may be cut because of the financial problems.

"English operas may be artistically excellent," he says, "but they tend to produce inferior box office returns compared with the classics sung by foreign performers."

On with the New

Brighter outlook on the entertainment horizon is provided by the news of a new home for the National Film Theatre.

The film theatre will stay on the Thames South Bank in London but will move under a Waterloo Bridge abutment. The new cinema is expected to be opened in June next year.

Furnishings and equipment alone for the new building are expected to cost about £17,500.

Big Stride in TV

Meanwhile the enemy of both cinema and theatre—television—is preparing to strengthen its attack.

Both the B. B. C. and Independent Television (commercial) are doubling the power of their London transmitters this autumn.

Nearly two million more people will then be in viewing range.

17th Century Bell

Piccadilly will soon have a church steeple again. Work will start soon on the tower of St. James's, which was extensively damaged during the war.

The interior of the church was restored two years ago but the tower is leaning and has to be underpinned. St. James's is a Wren church but the steeple, though built in his time, was the work of a local man.

When the steeple is restored its clock will have three bells, one of which dates back to the 17th Century.

Historic Hall

Also being restored is the historic Carpenters' Hall at the corner of London Wall and Throgmorton Street.

The premises of the Carpenters of the City of London were built about 75 years ago but were wiped out by German bombs.

Work on the new building has already started.

Ready for Football

Nothing historic about Griffin Park—home of Brentford Football Club—but that is getting a new look, too.

The stands at the ground have been renovated by the supporters' club in preparation for the first home game of the season—on August 18.

Butter Tub Treasure

Unusual sight in the Tower of London recently has been a man with a device for identifying metal.

He is Charles Quarrell, secretary of the Speleological Society, and he is looking for treasure.

The treasure—reckoned to be worth anywhere from £7,000 to £40,000—is supposed to have been hidden in butter tubs in the Tower in the 17th Century.

Bun Fight

The fine old English custom of throwing currant buns at people will be watched later this year by the Queen—from a safe distance.

The bun throwing is a traditional ceremony at Abingdon, Berks, on special occasions. The buns are thrown by local aldermen and councillors at the townsfolk. If anyone catches one of the missiles and gives it to the council it will be preserved in a glass case with ancient specimens from previous bun fights.

"Conkers" in Trouble

Another old custom—the children's game of conkers—is threatened in Tottenham. Chestnut trees in part of the borough are being trimmed because they are dangerous—and the supply of conkers will be much lower than usual.

Children's Dream

Schoolchildren all over the country are hoping that an education officer's gloomy prediction will come true.

Chief education officer S. W. Hobson said at Hull that the teacher shortage is so acute that by next year schools may have to have only a four-day week.

The Cost

Expense 1.—It has been estimated that it cost almost £4,000 for a ceremony in Edinburgh in which the Queen presented a new cavalry pennant to the Royal Scots Greys.

Expense 2.—An American has spent almost £4,000 keeping a promise to his English bride—Audrey Issett from Walthamstow. He pledged that she could visit her parents in England every time she had a baby—and she is here now for the fourth time.

Odd Job

Situation Vacant: Shepherd wanted full-time to round up stray sheep and ponies in the main streets of Merthyr Tydfil.

Social Climber

The jellied eel—once unheard of as a dish in social circles—is raising its status.

Fishmongers report that they are now getting big orders for eels from high-living Mayfair for society parties.

New use for Fivers

A letter to a London evening newspaper comments on the flamboyance of counter clerks in an unspecified post office. The clerks, says the writer, clean their spectacles with £5 notes.

THE BAHRAIN AQUARIST SOCIETY

A "Swop Night" for fish and plants has been arranged for Monday, August 6 at 8.15 p.m. This will be held at House 466A. Any Bapco Club member who is interested is invited to attend.

WOMEN TALKING

WHAT DO THE HANDS SAY?



IT IS NOW POSSIBLE to wear a full make-up when swimming or taking a shower. A new lipstick, by a famous firm, has just been added to the waterproof range of skin cosmetics.

With care they can flatter you

BY ANNE YOUNGMAN

One of the most important clues to a woman's character is the way she uses her hands. Grace, self-consciousness or shyness can be spotted as easily by relaxed or tight fingers and expressive gestures as they can be by her manner of speaking.

Nothing is more revealing than the condition in which the hands and nails are kept—and in these bright days of barefoot sandals, toe nails must not be forgotten.

To keep the hands and nails in tip-top condition is simple, but demands as much care and patience as you give to your face. There is, in fact, no short cut to elegant fingers, but constant attention will keep the nails in such a way that no long sessions with soap suds and cuticle cream will be necessary.

Dry skin sufferers may find a tendency to fast growing cuticles in this climate. The soundest way of dealing with this trouble is to set aside time each week to push the skin well back with a cotton wool-tipped orange stick dipped in cuticle oil or cream, after soaking for a couple of minutes in warm soapy water. In addition, try to remember in between manicures to push down the cuticles after a bath or when washing the hands, but never be tempted to cut adamant skin.

Split nails need real patience and there is, unfortunately, no quick cure for this condition. Once they have started to flake off in layers it is very diffi-

cult to call a halt. Cut broken or split nails as low as possible and give them a rest for a time from nail varnish. If you frequently suffer from soft or brittle nails start taking calcium tablets immediately, but this treatment must be strictly followed for months. Do not expect immediate improvement, but in the long run the nails will grow healthier and stronger. The results are well worth the trouble of remembering to take the little pills.

Same Rules for Pedicure

Pedicure follows the same rules as manicure, but a very common trouble encountered with toes is an ingrowing toenail. Unlike finger nails, toe nails should always be cut straight across and if there is a tendency for the big toe nail to ingrow, cut it straight across with a pair of curved scissors with the curve held towards the cuticle. This makes a slight indentation in the centre of the nail. Never cut the sides of the nail away; this makes them worse.

This question of patience in manicure is, I find, carried right through to the varnishing stage. There are times when it seems as if it will never dry hard. The humid atmosphere does make a difference to the drying time and it is never a wise plan to leave varnishing to the last minute before a date. Smudgy varnish looks horrid and is usually the result of a quick coat of paint a few minutes before deadline.

Nail varnish has twice the staying power if a hair line is made on each nail when applying new varnish.

We are not bothered with rough or chapped hands in this country, but frequent swimming and the somewhat drying atmosphere does tend to drain the hands of their natural softness. Stimulate them by massaging frequently with a good hand cream, smoothing the skin back from the nails, over the knuckles and over and round the wrist. This will keep them soft, supple and a perfect foil to well cared-for nails.

Aircraft refuelling is now a complex operation

The advent of jet and turbo-prop aircraft has turned refuelling from a relatively simple operation into an extremely complex one.

This is explained by George A. Flynn, writing in *Oil Progress*, quarterly publication of the Caltex Group of companies.

Mr. Flynn, manager, Aviation Sales Department, California Texas Oil Company, Limited, points out that each new giant of the air represents an investment of \$5,000,000 or more. Because of this, he says, the plane demands maximum use and a minimum of ground time. Yet, all new planes have a huge capacity and a voracious appetite for fuel and are equipped with high pressure refuelling systems. These factors, he declares, are forcing suppliers to modernize their servicing equipment.

"The intercontinental models of the Boeing 707 and the Douglas DC-8," Mr. Flynn writes, "will have a fuel capacity of about 23,000 U. S. gallons."

300 gallons a minute

At the end of a nonstop trans-Atlantic flight, it will be necessary to refuel 15,000 to 20,000 gallons in the shortest possible time. With four refuelling points, each receiving fuel under pressure at a rate of 300 g. p.m., maximum time allowed for the complete operation is expected to be 20 minutes. While the job could conceivably be done with four 5,000-gallon refuellers, the economics of such an operation would be very poor. Caltex's answer to the problem rests in the use of hydrant systems—refuelling through pits or hydrant carts—for although initial costs are high, refuelling is simplified and unit delivery costs are lowered considerably.

Airline customers of the Caltex Group are being refuelled by this

system in Japan, Fiji, Egypt, and Madagascar. Mr. Flynn reveals, adding that new systems are under construction in the Philippines and Mauritius, and are planned for other areas.

Organization changes

Maintenance Department

The following organization changes are effective immediately:

Mr. M. Corbett, Craft Foreman, Machine Shop, 'phone 2254;

Mr. C. R. Chapman, Repair Foreman, Area 'C' 'phone 2356;

Mr. J. S. Alexander, Zone Supervisor, Area, 'C' 'phone 2356.

Refinery Operating Department

Mr. J. J. Rule will assume the duties of Assistant Foreman Transfer Pumphouse (Acting).

Effective August 1:

Mr. J. S. McKerracher will assume the duties of Sitra Terminal Section Foreman (Acting).

Mr. A. T. Annesley will act as special assistant to Mr. McKerracher.

Mr. J. R. Wilkinson will be on special assignment pending his departure on F. S. V.

CHALLENGE MATCH

A challenge water polo match between a Combined Services team and Bapco is expected to be played on Monday. Details will be announced on Notice Boards when final arrangements have been made.

The Services team will include the pick of the Royal Navy, the Army and the Royal Air Force teams in Bahrain.

Bapco Launches Sadeem Card in Buhair Service Station



Bapco has launched the new Sadeem Card at the Buhair service station in October. To mark the occasion, a Sadeem Promotional Stand was opened in the nearby Oasis Mall in Riffa. The promotional stand was open from Thursday, October 18 until Wednesday, October 24 2012. The stand featured a number of promotional items which provide valuable information on the benefits and privileges of the Sadeem Card, which aims at enhancing the experience of fuel supply for the ease and comfort of valued customers. The stand was visited by many people who expressed satisfaction with the Sadeem Card and its many benefits which are meant for the comfort of the customers. During the promotion, Sadeem Card buyers will have the chance to enter a raffle draw, enabling them to win free credit in the card. The Sadeem Card

is a payment method that can currently be used at any participating Bapco service station. It enables customers to improve their fuel consumption management and control through applying smart card technology, similar to debit and credit cards. However, it is linked directly to the fuel pumps, which allows the customer to pay only for the dispensed fuel volume. This also enables customers to monitor their consumption reports over a period of time, which enhances their accounting and control tasks too. The Sadeem Card is currently accepted at the following 10 Bapco stations: Al-Nuzha Station, Al R a w d h a Station, Awali Service Station, Buhair Station, Exhibition Road Station, Central Market Station, Adliya Station, Tubli Station, Estiqlal Station, and Seef Station.



لاديم
Sadeem
ENERGISED by BAPCO

Bapco's Strategic Plan

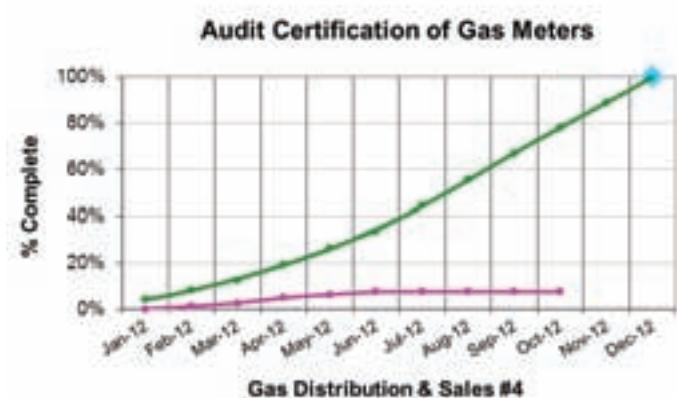
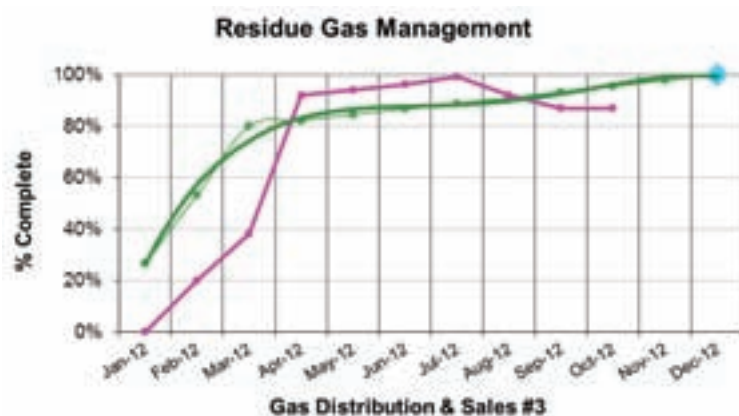
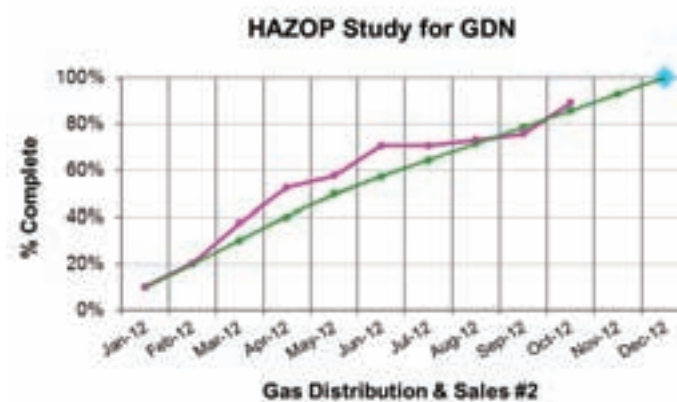
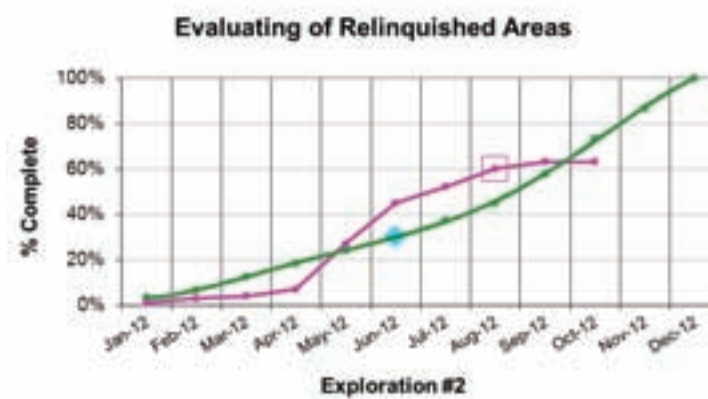
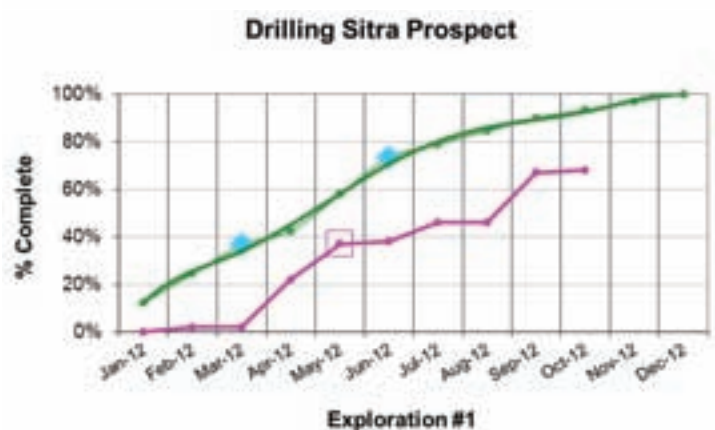
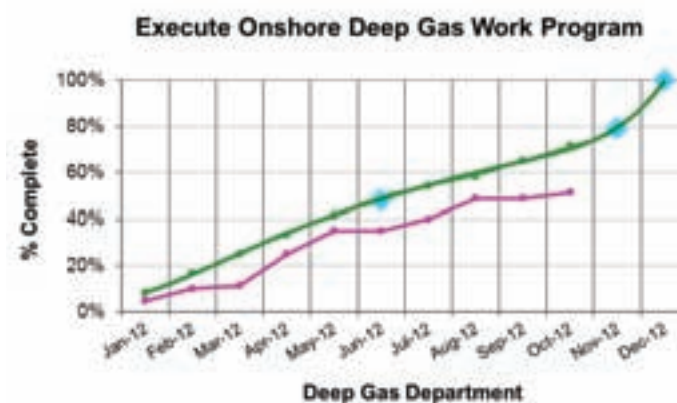
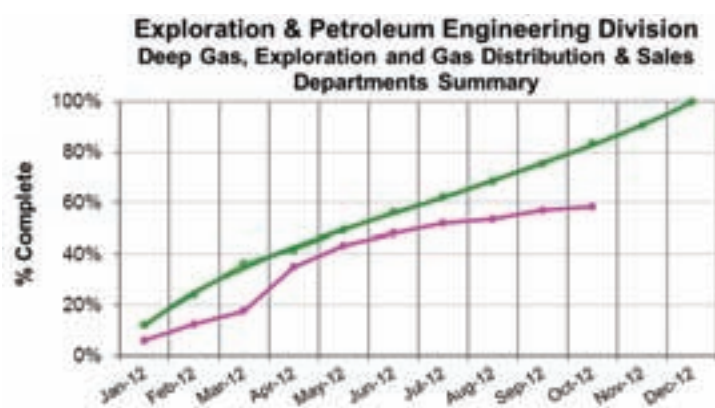
EXPLORATION & PETROLEUM ENGINEERING DIVISION

Progress Review Of Strategic Initiatives at 1 November 2012

Facilitators:
Khalid Abdulla

BAPCO'S Strategic Plan defines what the company has to do to position itself for continued success in a changing energy business environment. Divisions and departments have developed strategic initiatives with annually updated action plans.

Collectively, these plans define how the company will reach its strategic targets. It is therefore very important to know whether these actions are being progressed as planned. The implementation of the strategic initiatives is monitored on a monthly basis, and the results for different divisions are published so that all employees are better informed of the progress that is made towards achieving our goals. Published below are the results for the Exploration & Petroleum Engineering Division, which has seven strategic initiatives. Milestones are important events (such as Board Approval, Tender Board Decisions, Issue of Report etc.) that influence the implementation schedule of each initiative.



Bapco Organizes Al-Bander Visit for Children of Friendship Association of the Blind

As part of EHS Week 2012 ongoing activities, Bapco organized a trip to Al Bander Hotel and Resort for the children of the Friendship Association of the Blind. An excellent program was arranged which included the use of the pool area and a range of indoor activities and games which were enjoyed by all children. During the visit, they enjoyed a tour at the pool area which was a great experience for children who enjoyed the splash. Other children enjoyed a relaxing time by the pool and took in the

lovely sea breeze. Following all the fun at the pool the children made their way to the resort cafe for a warm welcome with a variety of snacks which were enjoyed by all. Later, the children made their way to the indoor activity area and were met by two teachers who arranged a well thought out program which catered for the children. There was so much enjoyment by all children as they listened to the music which incorporated for a variety of games. To round off the day, they all received gifts which were

greatly appreciated. The officials of the Friendship Association for the Blind thanked Bapco and Al-Bander officials for arranging the trip which was described by the children as a wonderful & enjoyable experience.



Children receive Bapco EHS prizes



Over 120 children aged 4-18 received prizes for their participation in Bapco's Environment, Health and Safety (EHS) Week 2012 Children's competition, at a ceremony held at the Bapco Club in Awali. Prizes were presented by Bapco Chief Executive, Mr. Gordon Smith, in the presence of members of the management, parents, and members of the EHS Organizing Committee.

The

children were winners of different quizzes on energy conservation, noise pollution, and other safety and health aspects. Commenting on the occasion, Mr. Smith thanked the parents for encouraging their children to participate in the competitions, which aimed at increasing awareness of environment,

health, and safety issues. "Our EHS slogan this year is "We Care", which expresses our concern for our employees, our contractors and their families," said Mr. Smith. He also said Bapco's many achievements in the area of EHS are only possible with the support of Bapco's employees and contractors. EHS Week is a regular event and a highlight of the Bapco calendar, aimed at further raising awareness of environment, health and safety issues at the workplace, at home, and on the road.



SAFETY ALERT

Area outside operator twisted his right ankle while exiting the work station



General Information

Location: #2 Hydrogen Plant work station east entrance (LSDP Section)

Nature of Incident: First Aid injury

Date of Incident: November 07, 2012

Incident Description

At 08:45hrs while an Area outside Operator was leaving #2 Hydrogen Plant workstation he Twisted his right ankle when his foot slipped on the step and landed on an angle. The employee was taken to Refinery Clinic for evaluation and treatment.

Early Learning Points

- Always be in focus on the job and pay attention to your path.
- Follow 4 - Keys to Safety all the time.
- Follow OSOOL #2
- Do it safely or not at all.
- BOOST Critical Behavior: 1.3 - eyes on path, 1.5 - ascending/descending

Immediate Actions

The employee was immediately taken to the Refinery Clinic for evaluation and treatment.

Corrective / Preventive Actions

- Pay careful attention to your steps, don't rush.
- Avoid distractions & always use the handrails. The handrails are installed to guide the person walking on the stairs to ensure additional safety to prevent you from falling and being injured.
- The incident is to be discussed among unit crews to increase awareness of the need for eyes on path and using handrails.



As part of Bapco's Environment Health and Safety EHS Week 2012 Bapco's Health Promotion Committee Organizes Campaign against Colon Diseases



Bapco's Health Promotion Committee held a campaign against colon diseases. The campaign was held as part of the activities of the Environment, Health and Safety (EHS) Week 2012 which was held by Bapco from 3-10 November 2012. The 2-day campaign included a presentation and an exhibition on colon diseases. The first day of the campaign was held at the Bapco Club in Awali, and the second day was held at the Training Center of the Refinery. Many Bapco and contractor employees participated in this campaign, which was attended by Bapco's Chief Executive, Mr. Gordon Smith and members of the Management. The campaign's main objective is to promote the healthy lifestyle not only of the employees but also all members of the society.



Upon conclusion of the first day, participating employees expressed delight towards the health campaign organized by Bapco and said it was useful and informative in

raising their awareness of the colon diseases and means of combating them to help society members enjoy a healthy lifestyle.



Keep Hydrated

Drinking water has the following advantages



1. Weight loss

Water is one of the best tools for weight loss, first of all because it often replaces high-calorie drinks like soda and juice and alcohol with a drink that doesn't have any calories. But it's also a great appetite suppressant, and often when we think we're hungry, we're actually just thirsty. Water has no fat, no calories, no carbs, no sugar. Drink plenty to help your weight-loss regimen.

2. Heart healthy

Drinking a good amount of water could lower your risks of a heart attack. A six-year study published in the May

1, 2002 American Journal of Epidemiology found that those who drink more than 5 glasses of water a day were 41% less likely to die from a heart attack during the study period than those who drank less than two glasses.

3. Energy

Being dehydrated can sap your energy and make you feel tired -- even mild dehydration of as little as 1 or 2 percent of your body weight. If you're thirsty, you're already dehydrated -- and this can lead to fatigue, muscle weakness, dizziness and other symptoms.

4. Headache cure

Another symptom of dehydration is headaches. In fact, often when we have headaches it's simply a matter of not drinking enough water. There are lots of other causes of headaches of course, but dehydration is a common one.

5. Digestive problems

Our digestive systems need a good amount of water to digest food properly. Often water can help cure stomach acid problems, and water along with fiber can cure constipation (often a result of dehydration).

Over 25,000 attend Bapco EHS Family Day



Under the patronage of HE the Minister of Finance, Minister in Charge of the Oil and Gas Affairs and Chairman of the National Oil and Gas Authority, HE Shaikh Ahmed bin Mohammed Al Khalifa, more than 25,000 Bapco employees, contractors and their families attended Bapco's Environment, Health and Safety Family Day 2012 which took place on Saturday, November 10 at the Bahrain International Circuit (BIC) in Sakhr. The event was attended by Bapco's senior officials and senior executives of the major companies in the Kingdom. H.E. the Minister toured the dozens of stalls which featured a wide range of environment, health and

safety topics. Each stall offered a quiz or game, a fun give-away, and interesting information and displays on various EHS related topics. There was also a large children's corner with interactive EHS related games, food stalls, entertainment throughout the day, and raffle prizes. "I am pleased to see that Bapco's well established and award-winning EHS culture is being extended into the wider community," said HE the Minister commenting on the occasion. "This year's chosen theme -- 'We Care' -- perfectly encapsulates this new direction towards extending Bapco's caring attitude towards the surrounding environment, and Bapco's total commitment to EHS issues in every area of our

lives. "Today's Family Day is the perfect ending to what has been an entertaining and educational EHS Week, in which many of our employees, our contractors and their families learnt more about EHS issues by taking part in the many quizzes and competitions, and attended a number of very successful events and activities related to EHS issues," said Bapco's Chairman Mr. Adel Khalil Al-Moayyed. "The main aim of Bapco's EHS Week is to increase awareness of environment, health and safety issues through fun activities such as competitions, quizzes, entertaining exhibits and educational giveaways. This year's EHS Week theme -- 'We Care', underlines Bapco's ongoing commitment to enhance EHS values not only among its own employees, contractors, and their families, but also among the entire community, with special attention to the surrounding environment", he added. "Through these community events, Bapco makes more personal its multi-million dollar investment in protecting the environment, encouraging a healthy lifestyle and safeguarding the safety of employees at work and the entire community", he concluded.

Upstream, Downstream

A quick glimpse of global oil and gas trends

Williams to provide gas processing in Canada's oil sands

Williams Companies Incorporated has recently signed a gas processing agreement with an undisclosed producer in the Canadian oil sands, as per an announcement made by the company. It has, however, been suggested by various sources that the gas processing entity could be , of Calgary, Alberta. Williams has envisioned a takeaway pipeline and liquid extraction process at the site of production, which is estimated to incur an expenditure of over \$ 600m.



Williams Inc. aims to engage in the entraction, transportation, fractionation, ownership, and marketing of the NGLs and olefins recovered from the offgas at the Fort McMurray, Alta., and upgrader. The recovered NGL and olefins are projected to touch 12,000 b/d by 2015, reported the company, further

rising to levels of 15,000 b/d by 2018. Fractionation of the NGL-olefins mix will take place at Williams's Redwater plant outside Edmonton, Alberta into an ethane-ethylene mix, propane, polymer-grade propylene, normal butane, an alkylation feed, and condensate. The 'ethane price risk' associated with the agreemen has been checked, as per company reports, by a previously announced agreement to supply up to 17,000 b/d of ethane and ethylene to the Joffre, Alta., ethylene and polyethylene plant of NOVA Chemicals Corporation, Canada.

The recovered propane will be marketed to the local propane buyers and could be feedstock to Williams's proposed propane dehydrogenation plant. Other produce will be marketed to established markets, where Williams sells existing NGLs and olefins produced within Canada. Williams envisions new liquids extraction and supporting facilities at the upgrader and an extension of its 261 mile, 12 inch Boreal liquids pipeline to transport the NGL-olefins mix to its expanded Redwater plant. The estimated total capital expenditure for the project hovers around the \$600 million mark.

Noble Energy in deep-water gulf oil discovery

An assembly from Noble Energy Incorporated. has met with 150 feet of net oil pay in two high-quality Miocene reservoirs at a deep-water discovery in the Gulf of Mexico. The prospect went to 15,989 feet in 7,200 feet of water on Mississippi Canyon Block 698.

Noble Energy said the Big Bend well results appear as good as their predrill mean resource expectations and safeguarded their Troubadour, their offset prospect. Combining

excellent reservoir properties, fluid characteristics and a high working interest in the project is also projected to yield significant production and cash flow in the future.

Noble Energy is an operator with a 54% working interest in Big Bend. W&T Energy VI LLC, a unit of W&T Offshore Inc., has 20%, Red Willow Offshore LLC 15.4%, and Houston Energy Deep-water Ventures V LLC 10.6%.

Hurricane Sandy prompts shutdown of two refineries

Two East Coast refineries in the United States were in the process of being closed in the wake of Hurricane Sandy's wrath, with the latter expected to make landfall near the New Jersey-Delaware border around the beginning of November, as per reports supplied by the US Department of Energy Office of Electricity Delivery & Energy Reliability. Phillips 66 was made to shut down its 238,000 b/d refinery in Linden, New Jersey, and a shutdown of Hess Corporation's 70,000 b/d refinery in Port Reading, New Jersey was expected. The Port Reading refinery, although not a producer of crude and crude products, is a key producer of gas oil. However, PBF Energy Incorporated was reportedly operating its 182,200 b/d refinery in Delaware City and its 160,000 b/d refinery in Paulsboro, New Jersey at condensed rates. Monroe Energy was also running its 185,000 b/d refinery in Trainer, Pennsylvania at lessened runs, as did Philadelphia

Energy Solutions (Sunoco), operating at 335,000 b/d courtesy of its Philadelphia refinery.

The Department of Energy Office of Electricity stated that Colonial Pipeline was continuing its operations, with contingency plans being made for shutting down its mainstream operations in the Northeast.



New Zealand Energy gauges Taranaki basin encounter



Oil production is set to be monitored at the New Zealand Energy Corporation's discovery well, Waitapu-2, in the Taranaki basin of New Zealand, in a bid to decide on the continuation of trucking oil or the laying of a 1.3km pipeline.

Waitapu-2, the corporation's fifth oil discovery in the basin, has recovered 1,880 bbl of oil from the Miocene Mount Messenger formation and is flowing 325 b/d of 40° gravity oil and 800 Mcfd of gas on a 24/64-in. choke. It went to 2,085 m measured depth and encountered 6.2 m of net pay. New Zealand Energy is trucking the sweet crude 45 km north to the Shell-operated Omata tank farm, where it is sold at Brent pricing.

The company said the Waitapu-2 discovery well is flowing from natural reservoir pressure, similar to its Copper Moki wells, further confirming the geological model, whereas most Mount Messenger wells require artificial lift almost instantaneously.

New Zealand Energy continues to refine the geological model based on continual drilling success to date and the interpretation of the recently completed 3D seismic survey. The company said it has many prospects to drill that it believes are similar to the Copper Moki and Waitapu discoveries. The corporation has reached a target depth of 2,380 m MD and is preparing to run casing at Arakamu-2, third well in its current eight-well program.

Oil and Gas Economy: Oil, gas prices decline in uncertain market

Oil and stock prices dipped this past week, with markets' hopes clouded over an apparent lack of progress on a monetary budget in Washington, DC. Natural gas fell 4% on milder fiscal forecasts.

Oil prices continued to flounder in early trading despite claims that the United States consumer confidence index rose 0.6 points to 73.7 in November, the highest in nearly half a decade. Employment prospects had also reportedly escalated in the last quarter.

However, traders are still not confident that all of this could signal a high in the demand for oil.

Energy prices

The January contract for benchmark US sweet, light crudes



bbl from \$87.38/bbl on Nov. 21, the last day the US spot markets were open.

Heating oil for December delivery dropped 3.06¢ to \$3.05/

declined 54¢ to \$87.74/bbl Nov. 26 on the New York Mercantile Exchange. The February contract decreased 53¢ to \$88.37/bbl. West Texas Intermediate at Cushing, Okla., increased to \$87.74/

gal on NYMEX. Reformulated stock for oxygenate blending for the same month was down 1.76¢ to \$2.73/gal.

The December natural gas contract fell 17.1¢ to \$3.73/MMbtu on NYMEX. On the US spot market, gas at Henry Hub, La., increased to \$3.77/MMbtu from \$3.68/MMbtu Nov. 21.

In London, the January IPE contract for North Sea Brent retreated 46¢ to \$110.92/bbl. Gas oil for December lost \$3.75 to \$948/tonne.

The average price for the Organization of Petroleum Exporting Countries' basket of 12 benchmark crudes was down 40¢ to \$108.48/bbl.

Source: www.ogj.com

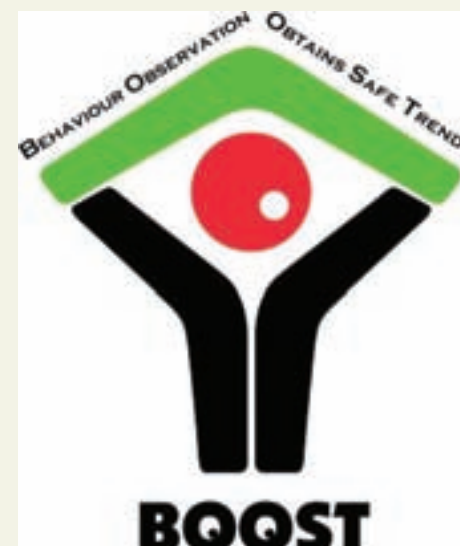
BOOST committee emphasises observation procedure

The newly formed BOOST steering committee has been working hard behind the scenes to get the safety process re-BOOSTed and more robust. Recently, the steering committee attended a training session and got BOOSTed, and are ready to roll their sleeves up and get to work. The committee drew up an action plan of ten items. This includes refresher training for supervisors and observers, better software and providing access to BOOST results to all. The committee is also committed to data analysis rather than just data collection. One highlight of the process has been the difficulty of the observers to reach the target of two observations a week, especially for the shift worker. In the initial phase of

the process this was required due to the minimum number of observers and the need to generate data for analysis. The process is more mature now and there are more observers in the field. It has been agreed with the Deputy Chief Executive that the minimum number of observations will now be one per week. With only one per week, the observer will be able to focus on performing quality feedback. The number of observations may change in the future, depending on the number of active observers, number of people in the area and the risk level. The goal is to make sure everyone has a conversation about safety and at-risk behaviors at least one to two times per month.

Just doing observations does not make us safer. Conversation, feedback, engagement and commitment change behavior. It needs to be remembered that the primary focus of BOOST observations is the feedback from that conversation at the end. Observations can be done all day long, but if the people are not engaged in meaningful conversation at the end and begin to agree that the behavior is at risk and they're willing to change it, then nothing will change. When we all come to work wanting to work safer and looking for ways to eliminate at-risk behaviors, then we can have an injury-free work place and all go home to our families and friends safe and sound.

GET BOOSTED! BE OBSERVED.



'Presentation Skills' workshop organised for employees



As part of Bapco's continuous efforts in developing the human element and retaining talented resources, a 30-hour Presentation Skills workshop was conducted at Training Center in the Refinery. This two-day course was the result of the successful Presentation Skills Awareness course that was held this summer over August–October 2012, which was piloted by 8 employees from the Oil Processing Department, Fire Health & Safety Department and Financial Accounting Department. Many studies have found that public speaking is the number one fear amongst most people. It is also one of the skills that can make or break a person's career. The workshop underlined that it is important that a

strong set of skills that complement the current presentation skills of the employees must be provided, which will in turn build a better opportunity for the trainees to influence and persuade their audience and their colleagues. The course provided strategies to help employees improve their formal oral presentation skills through lectures and discussions, group activities, demonstrations, hands-on guided practice, and hands-on independent work. Additionally, the course also provides multiple opportunities to give presentations and receive feedback. Trainees were videotaped, and the viewing of the videotapes was an integral part of the self-assessment process.

Bapco Conducts Teamwork Workshop for 72 Employees



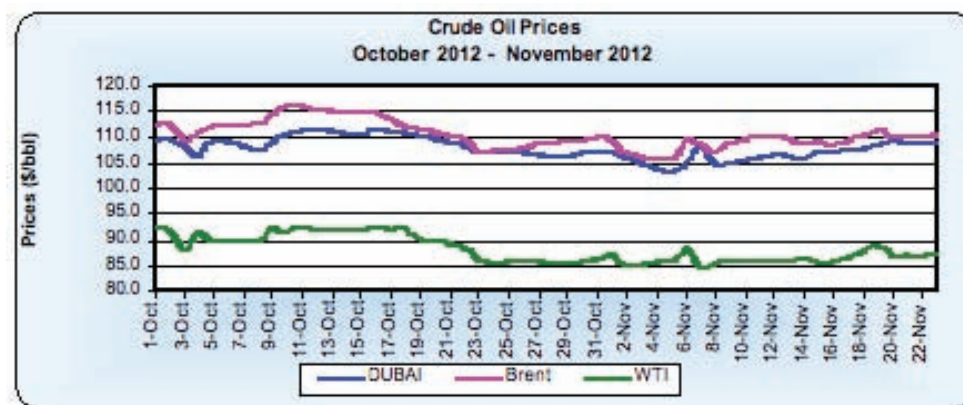
As part of its ongoing commitment towards encouraging and retaining talented resources, Bapco recently conducted a workshop titled 'Teamwork in the Workplace' for 18 participants. The course was held at Bapco's Training Center in the Refinery.

The three-day workshop aimed to increase the awareness of the benefits and challenges associated with teams working together to achieve workplace improvement. It encouraged participants to explore different aspects of a team, as well as ways that they can become a top-notch team performer. The course underlined the learned key skills which formed a major part of the discussions on team development. Common goals of the team drove forward their purpose to unite and through their opinions and suggestions, problem solving became a team process. The first batch of the course was attended by 18 participants, with the workshop aiming to reach a number of 72 employees from the Operations Department.



GCC poised for production high

1. Abu Dhabi National Oil Co (ADNOC) will lease oil storage facilities in South Korea capable of storing six million barrels of crude for three years, state-run Korea National Oil Corp (KNOC) said on Thursday 22 November. This is the first time that ADNOC has leased storage in South Korea, a KNOC spokesman said. It becomes the twelfth international company to hold storage facilities located in the world's fifth-largest crude importer, joining other producers, oil majors and investment banks.
2. The Pearl gas-to-liquids (GTL) plant in Qatar - a joint development by Qatar Petroleum and Royal Dutch Shell - will deliver the first commercial-scale volumes of GTL jet fuel to Doha airport and Qatar Airways before the end of the year, marking another milestone that fortifies Qatar's position as the GTL capital of the world.
3. Citadel Capital SAE has formed a joint venture with Qatari investors to import liquefied natural gas (LNG) into Egypt from mid-2013, the Egyptian private equity firm said on Thursday 22 November.



Crude Prices: Benchmark crude prices averaged last week, from 19th to 23rd November 2012 as follows:

WTI: 87.4 \$/bbl (+1.6 \$/bbl w-o-w), Brent: 110.4 \$/bbl (+1.6 \$/bbl w-o-w), Dubai: 108.8 \$/bbl (+2.1 \$/bbl w-o-w), Abu Sa'afah: 109.6 \$/bbl (+2.1 \$/bbl w-o-w) and OPEC Basket: 108.2 \$/bbl (+1.6 \$/bbl w-o-w).
USA inventories closed as follows: Crude 374.47 MMBbls (-1.47 MMBbl w-o-w), gasoline 200.39 MMBbls (-1.55 MMBbls w-o-w) and distillates 112.84 MMBbls (-2.68 MMBbls w-o-w).

BP sells North Sea interests

BP has agreed to sell its interests in a number of central North Sea oil and gas fields to Abu Dhabi energy firm TAQA for \$1.1 billion plus future payments which, dependent on oil price and production, BP currently expects will exceed \$250 million.

The assets included in the sale are BP's interests in the BP-operated Maclure, Harding and Devenick fields and non-operated interests in the Brae complex of fields and the Braemar field.

The sale is subject to third-party and regulatory approvals and the companies currently expect the sale to complete in the second quarter of 2013.

Bob Dudley, BP group chief executive, said: "This transaction is in line with BP's strategy to focus on a smaller number of higher-value assets with long-term growth potential and to continue the simplification of our portfolio with a further reduction of operated infrastructure and wells."



Lundin has gas find offshore Peninsular Malaysia



Lundin Petroleum AB, Stockholm, has a potentially commercial gas discovery on an unexplored part of the PM307 block offshore Peninsular Malaysia.

Lundin as operator drilled the Tembakau-1 well to 1,565 m in 67 m of water where it discovered a series of stacked gas pay sands in the target Miocene objective. The well

penetrated a combined 60 m of net gas pay in five high-quality sand intervals.

An extensive data acquisition program included rock and fluid samples, pressure profiles, and minidrillstem tests before the well was plugged. Lundin will work to estimate a recoverable resource range.

Lundin expressed

encouragement that Tembakau may be commercial as a stand-alone development given its proximity to infrastructure 30 km east. Lundin shot a large 3D survey in 2011 and sees further potential in the area. Lundin Malaysia BV has 75% interest in PM307, and Petronas Carigali Sdn. Bhd. has 25%. The fifth and last well in the 2012 exploratory campaign, Ara-1 on the PM308A block, is to spud shortly. Lundin is operator with 35% interest.

Oil, wet gas seen in second Kenya Lokichar discovery

Tullow Oil PLC and Africa Oil Corp. have made a second large oil discovery in the Lokichar basin in northwestern Kenya.

The companies said the Twiga South-1 exploratory well on Block 13T encountered 30 m of net oil pay in Tertiary sandstone reservoirs with further potential to be assessed on test. The well also encountered a tight fractured rock section with oil and wet gas shows over a 796-m gross interval.

Twiga South-1 has been drilled to a total depth of 3,250 m and successfully logged and sampled. Three sandstone reservoir zones, analogous to those in the companies' mid-2012 Ngamia-1 discovery on Block 10BB, were encountered and movable oil of higher than 30° gravity was recovered. Further potential exists updip of the well and will be subsequently appraised, Tullow said.

Tullow also sampled movable oil lighter than 30° gravity from the 796-m tight fractured rock section below 2,272 m. This tight fractured rock section is a new play-type for the region that will

require further evaluation to understand its extent and any productive potential, the company added. Elsewhere in Tullow's East African Rift basin acreage, a result from the Paipai-1 well in Block 10A in Kenya is expected by the end of 2012, and the Sabisa-1 well on the South Omo block in Ethiopia is expected to spud by the end of December.

Tullow has a 50% operated interest in Twiga South-1, and Africa Oil has 50%.



OPEC admits impact of shale oil on supply



The Organization of the Petroleum Exporting Countries (Opec) acknowledged for the first time that technology for extracting oil and gas from shale is changing the global supply picture significantly, and said demand for crude would rise more slowly than it had previously expected. In its annual World Oil Outlook, Opec cut its forecast of global oil demand to 2016 due to economic weakness and also increased its forecast of supplies from countries outside the 12-nation exporters' group.

"Given recent significant increases in North American shale oil and shale gas production, it

is now clear that these resources might play an increasingly important role in non-Opec medium- and long-term supply prospects," the Opec said in the report.

Opec has been slower than some to acknowledge the impact that new technologies such as hydraulic fracturing – known as "fracking" – may have on supply. Conoco's chief executive Ryan Lance has gone so far as to predict North America could become self-sufficient in oil and gas by 2025. In Opec's new forecast, shale oil will contribute 2 million barrels per day (mbpd) to supply by 2020 and 3 mbpd by 2035. For

comparison, 2 mbpd is equal to the current output of Opec member Nigeria, which is Africa's top exporter.

Fracking involves pumping chemical-laced water and sand into a well to open cracks that release oil and gas. The technology has transformed the production outlook in North America but drawn criticism from environmentalists, although the industry insists it is safe as long as wells are properly built. Opec said that in the medium-term shale oil would continue to come from North America only, but other parts of the world might make "modest contributions" in the longer term. Shale oil and gas may also play a role in Opec members themselves.

Previous editions of the Opec report saw no significant supply addition from shale oil. As recently as June, oil ministers including Rafael Ramirez of Venezuela played down the prospects as Opec met in Vienna for its last meeting to set output policy

List of New Books
at Awali Library

FICTION		
TITLE	AUTHOR	NO.
Toby's Room	Pat Barker	6722
Awakening	S.J. Bolton	6723
Now You See Me	S.J. Bolton	6725
Fall of Guinants (Book One of the Century Trilogy)	Ken Follett	6730
Winter of the World (Book Two of the Century Trilogy)	Ken Follett	6733
Tuesday's Gone	Nicci French	6734
Last To Die	Tess Gerritsen	6739
The Kingmaker's Daughter	Philippa Gregory	6740
The Mystery of Mercy Close	Marian Keyes	6741
Sweeth Tooth	Ian McEwan	6742
The Best Exotic Marigold Hotel	Deborah Moggach	6746
The Bat	Jo Nesbo	6749
In The Shadow of the Banyan	Vaddey Ratner	6753
Bones Are Forever	Kathy Reichs	6756
Watching The Dark	Peter Robinson	6757
The Casual Vacancy	J.K. Rowling	6759
N-W	Zadie Smith	6760

A Clean Home, A Green Home



1. Cleaning agents are some of the easiest things at home to switch, since the eco-friendly alternatives work just as well without compromising on the environment. The next time you go shopping for these, make sure you pick up some gentle, non-toxic alternatives.

2. Your grooming routine is another place which can surprisingly undergo an eco-friendly transformation. Vegan, organic, and all-natural bath and body products are very much in style, so they're in many households nowadays. FYI, most of those wonderfully smelling bath products you use smell so good because they're loaded with chemicals, which are no good for the environment.

3. The kitchen is also a great place to 'green up' your performance. Simple ideas include using cloth napkins as opposed to paper at the dining table. You could also try using cotton alternatives, and sponge. Replace your bleached white paper coffee filters with the unbleached, recycled paper version. Save large glass jars to use instead of plastic bags and plastic food storage containers for sauces, spices and so on. These also work well

for storing dried goods that can be purchased in bulk quantities.

4. Finally, your bathroom is one major area where you can prove your prowess as an eco-warrior. Besides the already mentioned eco-friendly bath and body products, try to find alternatives to non-biodegradable equipment. Many brands are available that are made from recycled plastic, and when you're done you can send the product back to the makers so that they may be recycled all over again. Remember, the road to a green world begins at home!



Rain in Bahrain



Word Search

E	U	V	K	Q	N	T	K	T	P	C	E	Q	H	V
B	N	H	Z	A	Z	P	B	O	R	I	C	R	U	F
X	T	V	L	S	D	Y	L	T	C	C	O	C	W	K
N	H	K	I	T	T	L	A	R	E	S	S	F	Y	W
C	Q	X	T	R	U	W	N	E	N	W	Y	H	I	F
Q	L	R	J	T	O	E	T	E	D	X	S	M	B	T
T	E	E	I	T	G	N	R	S	L	B	T	H	K	G
A	O	O	A	Y	Q	H	M	G	R	E	E	N	W	O
E	N	J	X	N	D	P	T	E	R	D	M	D	M	M
U	N	O	A	I	Z	T	B	L	N	Y	A	O	F	F
E	T	E	L	C	Y	C	E	R	A	T	A	R	I	V
I	O	O	T	W	H	X	N	P	H	E	I	F	Z	A
V	U	Z	B	Z	V	R								

CLEAN

ECOSYSTEM

ENVIRONMENT

GREEN

HEALTH

OXYGEN

POLLUTION

RECYCLE

SAFETY

TREES



A Message From The Chief Executive
Gordon Smith

Leaders Breed Leaders

Last week I talked about the importance of selecting one or two people to be ready to take your position to ensure your own promotability. In selecting these people, I advise you to choose people for their strengths and not their weaknesses. You can develop people's manners, behaviors, skills and knowledge, but you have to use people's personalities the way they are and not the way you would like them to be. Always look at a combination of performance and potential. With a proper focus on these, the leader can make high demands. One can always relax standards but it is exceedingly difficult to raise them once they are set in place. In selecting and developing your people the key has to be to focus on strengths and work actively together on the plan. All this takes a lot of effort. It is not easy and should not be undertaken lightly; developing leaders is hard but satisfying work. It makes huge demands on your time if it is to be done correctly. Remember that the job of leaders is to develop leaders not followers.

BOWLING BASICS

IT'S wondrous how various sports have come into existence over time, let alone how they have become the global phenomena that they happen to be today. Although ten-pin bowling, an indoor sport, has become popular the world over among the young and the old alike, it has vague, hazy beginnings. There are various theories with regard to the humble origins of bowling. One says that Flinders Petrie, an explorer, opened up an Egyptian Tomb in 1936, and found a set of objects that we refer to today as 'pins'. Historians feel that the caveman may well have pursued this from of the sport using rocks or pebbles to toss at other rocks or pebbles. If this is right, bowling traces its ancestry to 3200 BC. Then again, a German historian, William Pehle, insisted that bowling began in his country at around 300 AD.



The word 'bowl' can be derived from 'bolla' which meant "bubble" originally, but later denoted anything spherical. It could also find its roots in the Latin word 'bulla' or the Old French boule, both meaning "ball". In addition, most languages originating from the German region also use similar vocabulary to imply the same meaning. Despite its growing popularity, bowling did face its share of roadblocks back in the day. It turned a popular betting game over time, much to the displeasure of lawmakers, who eventually outlawed the game. An unknown sporting great is credited with having added the tenth pin to existing fray of nine. This transformed the game over time, and bowling was on its way to a new sense of respectability.

As with all humble beginnings, bowling pins didn't always stand up by themselves, the way they do today every time you score a strike. The pins were non-automated for many years, with pin-boys standing up fallen pins, until a mechanical genius, Fred Schmidt, invented the first pinspotter in his own backyard. The American Machine and Foundry Company took a liking to the invention and decided to approach it seriously.

A Basic Guide

The following is just a basic guide for a



newcomer. However, there are intense depths one can go to, in order to improve their knowledge as well as performance in the game.

Area

The place where bowling games take place is known as a bowling alley. Each alley consists of several straight narrow paths, also known as bowling lanes. The bowling lane is generally 60 feet from the foul line to the head pin. About 15 feet from the foul line are a set of guide arrows. The lane is 41.5 inches wide and normally consists of 39 wooden boards. A coating of oil on each lane starts from about 4 inches from the foul line and is applied for about 38 feet down the lane from that point.

Equipment

The bowling ball has a smooth surface with three holes for gripping. Its weight ranges from 6 to 16 pounds. After each bowl, the ball disappears into the end of the lane, only to be sent back to the player through a mechanical device.

A standard pin must be 15 inches tall and about 4.7 inches wide at its widest point, where a rolling ball would make contact. The ten pins are placed in an inverted triangular format.

Play

A game of ten-pin bowling is divided into ten frames. In each frame, every player is given two opportunities to knock down the pins. If the first ball knocks down all ten pins, it is called 'strike' and the frame is completed. When pins are left standing after the first ball, the player gets a chance to knock them down again. If he knocks all of them down, it's called a 'spare'.

Each bowler is allowed ten frames in which to knock down pins.

The maximum score in ten-pin bowling is 300. This consists of getting 12 strikes in a row in one game (one strike each from frames 1 to 9, and all three possible strikes in the tenth frame), and is also known as a Perfect Game.

Good luck, get bowling!



We regret to announce the passing away of Mr. Lou Best last month in the United Kingdom. Mr. Best retired from Bapco as General Manager Services and served in various managerial positions in the Maintenance divisions over a number of years. Mr. Best is fondly remembered by a number of his old colleagues and friends in Bapco. Condolence messages can be addressed to Mrs. Val Best at the following address or through their son's email address at

ian@intragulf.com
Val Best, Little Orchard
50 Wellington Road
Newpor, Shropshire



Bapco Interdepartmental Bowling League In the Ninth week

Mohammed Janahi Scored High game & high series Top player from Ladies team is Winnie



The ninth week of the Bapco Interdepartmental bowling league was played on Monday 12 November 2012 at Bapco Club and produced the following results :

In a challenging competition, the Refining team was defeated 6-2 by I.T. During this match, Jassim Ebrahim, the captain of Refining, scored 256 for the high game and 674 for the high series. From I.T, Abdulla Raees managed to score 232 for high game, while the team captain, Saeed Al Jaziri

scored 645 for high series. The Retirees team fared very well during their competition. During this game, Khalifa Khalfan scored 240 for high game and 633 for high series for Retirees. From the Ladies team, Winnie Sanchez notched up 197 for high game and 497 for high series.

The Security team bowed down to Projects 8-0. In this match, Felix Grefaldia from Projects scored 229 for high game and 641 for high series. Hassan Ahmed Qaed from Security managed to score 223 for high game, while colleague Nabeel Yousif scored 604 for high series. The Marketing team beat Engineering in a comprehensive encounter which saw Marketing skipper Mohammed Hassan Janahi scoring 259 for high game and 685 for high series for the week. From the opposition, Abdulla Saleh managed to score 220 for high game & 631 for high series.

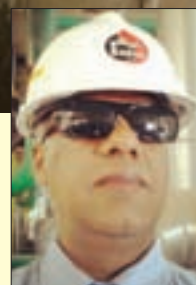
Production defeated Maintenance 6-2 in another one sided game, with

Khaled Al Shalan from Production scoring 255 for high game, while his colleague Ahmed Hassan Janahi scored 650 for high series. Abdul Latif Hassan from Maintenance racked up 237 for high game and his colleague Abdul Redha Haqiqi scored 653 for high series.

Upcoming matches will see Marketing take on team Ladies, Tatweer versus Refining, Security versus Engineering, Projects against Retirees and Production up against ITD. The Maintenance team receives a bye.



From the Archive



Hassan A Rasool
Operations Department, Awali

*Jackhammer and CP9
hand tools, as found in the
mechanical store in Awali.*