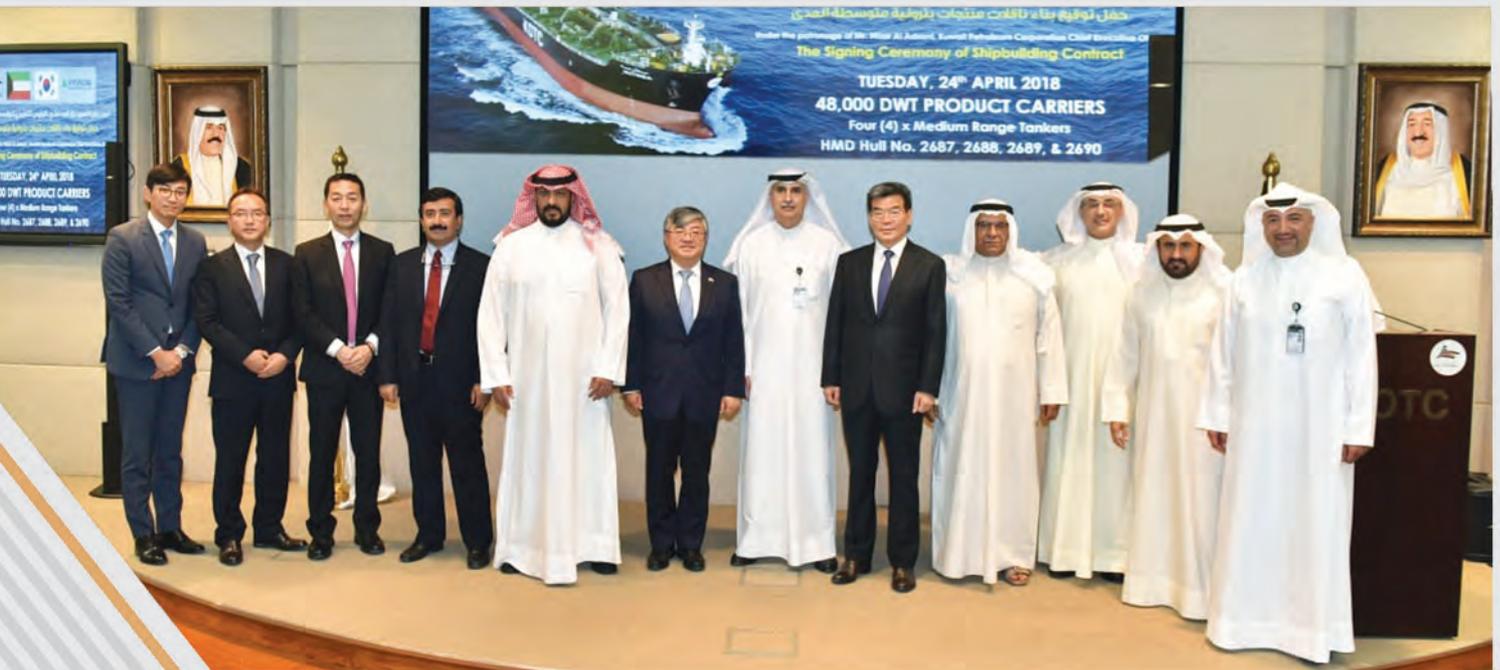


Nakilat



July 2018

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KOTC organizes Think-K 2nd Activity

"Our Sea is Our Wealth"... KOTC Environment Day Slogan

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Talal Al-Khaled Al-Ahmad Al-Sabah
Chief Executive Officer

Back to achievements

A few days ago, we celebrated Eid Al-Fitr with its meaningful amicability, warmth, generosity and tolerance. In this occasion, we wish all the best for HH The Amir of Kuwait Sheikh Sabah Al-Ahmad Al-Jaber Al-Sabah, may God give him long life, HH the Crown Prince Sheikh Nawaf Al-Ahmad Al-Jaber Al-Sabah, the big-hearted Kuwaiti people and all employees of KOTC. We pray to God to keep the Amir, the wise leader and source of pride for Kuwait. May Almighty God fulfill all our aspirations in maintaining progress and prosperity for dear Kuwait.

On this happy occasion, we renew our vows to keep the march of success and attain new achievements to be added to our past successes. While seeking to reach a brighter future at all aspects, mainly the oil sector, by the hands of our nationals, we also renew our solid solidarity with the country's leadership. All members of the oil sector have to realize that they are the drivers of success and the core basis of Kuwait economy. This major responsibility requires more effort and sacrifice to bring more out of our various projects. We have to develop ourselves in order to achieve our ambitions for Kuwait as a leader in all aspects. We are proud of our unprecedented achievements, in the development and modernization of our fleet, or boost our operation costs competency, care in environment, security, safety and protection of lives. We are now among the world's best in marine-transportation of oil and gas.

By persistence in keeping this prestigious status as a bright image of Kuwait, KOTC, by God's will, and under the wise leadership of the Amir and the Crown Prince, will make more achievements that are in line with oil sector 2040 strategy and enhance economic growth, stimulate business opportunities and contributes in bringing welfare and prosperity. We urge all employees to be up to the challenge the oil sector is facing today.

**Wish you all a happy Eid, and my God
keep Kuwait safe.**

To build 4 new tankers, 48 dwt each KOTC signs a US \$167.6 million contract with Hyundai Mipo Dockyard



■ CEO Sheikh Talal Al-Khalid at contract signing with Huyndai Mepo Dockyard

Under the patronage and presence of KPC CEO Mr. Nizar Mohamad Al Adsani, Kuwait Oil Tankers Company signed on April 24, 2018 a contract with Hyundai Mipo Dockyard Co. of South Korea for building and delivering four oil products tankers, US\$ 41.9 million each. The contract was signed for KOTC by CEO Sheikh Talal Al Khaled Al Ahmad Al Sabah and for Hyundai Mipo Dockyard Co. its chairman Mr. Sam Yun Ka, in the presence of the Republic of Korea Ambassador in Kuwait HE Yoo Yeonchul, KOTC Chairman Mr. Bader Al-Khashti, KPC MD

for HR Mr. Bader Al-Sharrad and KPC DMD for International Marketing Sheikh Khalid Al-Sabah, as well as directors, officials and team leaders from both companies. The US\$ 167.6 million contract for building and delivering 4 tankers was awarded to Hyundai Mipo Dockyard Co. upon the approval of the High Purchasing Committee of the Kuwait Petroleum Corporation and subsidiaries, and the Central Agency for Public Tenders. The contract will be in accordance with the latest modern international specifications in the

petroleum products sea transport, in addition to complying with the international stipulations, specifications and standards pertaining to environmental protection and pollution control, as well as limiting the emissions resulting from the tankers operations, people protection and security.

The actual construction process is to begin in February 2019, with the first tanker expected to be delivered in February 2020, whereas the fourth and last tanker in May 2020.

The four tankers constitute the last in the fourth stage of fleet modernization project. By the end of this stage, KOTC would be completing its fleet modernization and expansion project in accordance with the strategic directions of the KPC. KOTC would possess one of the world most modern fleet for transporting oil, LPG and petroleum products. This would enhance its world status, benefit the future of Kuwaiti oil industry and achieve sustainable development for our homeland.



■ Group Photo after signing the contract



■ KPC CEO Nizar Mohamad Al-Adsani honoring the Korean Ambassador in Kuwait

Sheikh Talal Al-Khaled received the Award at Dubai ceremony

KOTC wins Marine Infrastructure Development Award

KOTC keeps up with collecting regional and international achievements; among which the recently reaped “Port & Marine Infrastructure Development Award” given by the Marine and Coastal Engineering Forum. The Forum was held in parallel with the Global Infrastructure Congress in Dubai, April 2-3, 2018.

In a special ceremony at Dubai, the CEO Sheikh Talal Al-Khaled Al-Ahmad Al-Sabah received the Award. “Gaining this Award is another addition to our various achievements and represents a strong thrust for KOTC to maintain leadership in international sea-transportation industry,” Sheikh Talal said. “The Award reflects the company’s commitment to the highest quality standards and systems regarding the sturdiness and consistency of our marine installations and industries. It also highlights our commitment as a responsible, national, important and strategic



■ CEO Sheikh Talal Al-Khaled receives the Award

carrier for KPC,” he added.

Strong competition was seen among the marine industry major companies to win the Port & Marine Infrastructure Development Award.

“I present the Award to all KOTC employees for their sincere and persistent efforts for raising Kuwait’s name high in the marine industry international arenas,” Sheikh Talal concluded.

Awareness presentations for Commercial Services Coordinators

As part of its efforts to introduce the requesting groups to the information related to contracts and purchasing procedures, the Commercial Group held a series of awareness presentations for the Commercial Services Coordinators at the requesting Groups. The aim was to reduce of time needed to prepare the documents for tenders or purchasing orders.

The presentations were given at the conference room between March 25-29, 2018. They were divided into two sections. The first was dedicated to the Contract Section which was represented by the Team Leader of Administrative Contracts – Commercial Group - Eng. Jihan Al-Hubeishi, Eng. Meshal Al-Madi and Mr. Ahmad Hussain. The second section was for the Purchasing Department, represented by Mr. Salem Al- Kunaimesh, Eng. Basma Al-Dhubaibi, Eng. Nihal Al-Otaibi and Eng. Ahmad Al-Roumi.

Eng. Al-Hubeishi talked about the objectives and duties of the Contracts, such as focus on quality, best execution, continuous progress and adherence to the Cabinet Decision No. 49 for 2016 regarding public tenders.



■ Eng. Jihan Al-Hubeishi (center) with Commercial Group Team

The duties and work mechanism of Contracts, Purchasing, purchasing and tenders’ methods at KOTC were tackled at day one.

At day two, the Contracts Department representatives outlined the types of contracts, RCA application form preparation method as well as V.O. application form preparation and review method. The Purchasing Department tackled the service application procedures and cancellation of purchasing orders.

Day three included description about how to implement the mutually approved agreement SLA (by the requesting group

and Commercial Group) and carrying out all procedures related to floating of tenders, direct contracting and the documentary cycle. At day four, the Contracts Department covered the tender floating procedures, advertisement announcement through the company site (I-Sourcing) and how to prepare the pre-tender minutes of meeting. The Purchasing Department spoke about the payment of invoices.

At the last day, the evaluation of offers, awarding procedures, contract signing and pre-qualification of companies and contractors were explained.

Launched the “Maritime Community” for displaying Kuwait Marine Industry KOTC organizes Think-K 2nd Activity



■ Mr. Ali Shehab speaking

Seeking to enhance communication and exchange of experience among the KPC and its subsidiaries, KOTC organized the 2nd Think-K meeting on March 29th, 2018 at the Head Office Auditorium. Group managers attended the meeting.

The regular meeting is in line with KPC 2040 strategy and its logo “Performance through Integration.” The aim is to achieve integration inside the oil sector, boost the oil operations starting from extraction, refining, transportation and ending at the final consumer in order to achieve “top-to-base integration, i.e. from extraction to sale window.

Enhancing cooperation

In his opening speech, DCEO Fleet Operations Mr. Ali-Shihab said that the activities of KOTC Second Think-K expand communication and heighten cooperation between KPC and its subsidiaries so the whole oil sector will work as a one-entity. “I do hope that the meeting will achieve the aspired goals for the benefit of all employees, at KOTC and oil sector, being a single

organization, which serves Kuwait in the first place, and ensures welfare for current and future generations” he said.

KOTC achievements

A film was put on display about KOTC, its achievements since establishment till now and fleet modernization plan, according to KPC strategy and vision, to have a balanced and multi-purpose fleet that drives the company

to be among the world majors in oil, gas and petroleum products sea-transportation. The film also outlined the company’s pioneering role and achievements in the protection of environment. Afterwards, Manager Fleet Personnel Group Mr. Abdullatif Al-Azmi and Team Leader Fleet Training Capt. Bader Nasrallah inaugurated the “Maritime Community” Site, an electronic website project which took one year to complete, that includes everything related to Kuwait marine industry and KOTC. Nasrallah provided detailed explanation about the site, work process and access by KPC and its subsidiaries employees.

Discussion seminar

Team Leader Fleet Security and Operation Support Capt. Ahmad Al-Salem, Team Leader Maintenance (Shuaiba) Eng. Nawaf Al-Shatti and Team Leader Fleet Maintenance Bader Al-Najjar held a seminar in which the



■ Photo Group



■ Cap. Ahmad Al-Salem, Eng. Nawaf Al-Shatti and Eng. Bader Al-Najjar at the discussion forum



■ Mr. Abdullatif Al-Azemi and Mr. Bader Nasrallah inaugurating Maritime Community site

Shihab: the activities expand communication and heighten cooperation between KPC and its subsidiaries in the service of the oil sector and Kuwait

Al-Salem: The Maritime Community is a platform for discussion and rich with information about KOTC and future ambitions

Maritime Community project site was discussed. Dialogue style and Q&A examples were deliberated. As well, light was shed on the national cadres marine-related achievements.

Maritime Community
Captain Ahmad Al-Salem

described the “Maritime Community” as a highly-organized electronic portal which contains all information and data related to KOTC and Kuwait marine industry. The site lists all marine vocabulary, KOTC details, number and types of tankers,

date of construction and delivery, operation, KOTC new projects, human resources, directives, ambitions and future plans. “The site is just the start and will be a platform for discussion through which the company may meet the oil sector employees to exhibit matters of concern for the new generations and explain crude-to-carrier oil operations,” Al-Salem said. He added that the Maritime Community Committee was formed. It comprises all marine disciplines: operations, engineering, ship-building, marine human resources and other sectors.



■ Part of the attendance



■ PR Team registering the attendance

First collaboration with a Chinese Conglomerate VLCC Building Contract Signed for a value of US\$ 79.7 Million

Boresli: Economic and Environmental aspects taken into account on all new tankers

The Kuwait Oil Tanker Co. continues its execution of the fourth phase of its fleet modernization project according to a Pre-planned that serves its targets, in accordance of the KPC strategic directions.

As part of this phase, in March 2018 the company signed a contract with the Chinese BSHI to build and deliver a VLCC at a cost of \$79.7 million after the necessary approvals. The contract was signed on behalf of "KOTC" by the CEO Sheikh Talal Al Khalid Al Ahmad Al Sabah and on behalf of BSHIC its President Sun Dongming in the presence of the Ambassador of the People's Republic of China H.E. Wang Di, managers, officials and team heads from both companies.

"Nakilat" Magazine met Superintendent Naval Architect Mohammad Boresli for further information about new VLCC



■ Eng. Mohammad Boresli

• What are the specifications of the new tanker?

The new VLCC has the same specifications of the previously built VLCC in terms of dimensions (length – width – height – tonnage – speed – etc.), but differs in fuel consumption, flexibility and speed of loading and unloading of cargo operations. It is 330 meters long, 60 m. wide, 30.5 m. deep from baseline to main deck with a scantling draft of 22.5 m. and a dead weight of approximately 318 thousand metric tons. The designed speed will be 15 sea knots, suitable for this type of tankers. The loading time will not exceed 16 hours, and the unloading completed in under 20 hours.

• What environment-protection devices will be used in the new VLCC

to control pollution and restrict emissions?

Previous international regulations were lax regarding the treatment of ballast water and reducing exhaust emissions.

IMO issued a package of binding environment protection rules for all marine companies.

Therefore, the Company took into consideration the economic and environmental aspects in all the tankers it acquired, ensuring that every attribute in the new tankers is matched by an economic advantage, either to enhance its potential for leasing or lowering its operational costs or increasing the efficiency of the tankers maintenance program (dry docking) and even scraping them at the end of their service life.

• Tell us about the means employed by the Vessel to

achieve safety and security and to protect life's?

All tankers are equipped with a CCTV covering all areas, even the engine room and accommodation, plus look up tours.

All new tankers have been fitted with anti-piracy appliances and equipment, and the provision of internationally accredited security squad trained for crisis control. The tankers were modified so that the Aft deck is at the same level of the Main deck's (Flush) while it was previously 4 meters lower than the main deck. The pirate attacks focused on this part because it was easier to climb. The engine room entrances have been thickened; they are fitted with cameras and control systems, communication systems and locks that can be opened from the inside only, making it an



■ KOTC CEO Sheikh Talal Al Khalid Al Ahmad Al Sabah at the contract signing with the President of Bohai

Chinese Ship Yards have achieved in the last few years a steady growth in work volumes reaching an impressive levels

"KOTC" draft its contracts in a professional technical manner that guarantees the required specifications, quality and punctuality of delivery dates

“emergency room”.

• The building of most previous tankers was by Korean companies; why this shift toward Chinese companies?

In the past Japan dominated the tankers building industry; that domination moved to Korea and now China has entered this domain. The future of this industry is certainly in China.

In the last few years the majority (if not all) of the national marine transport companies owned by the Arabian Gulf states chose not to have their tankers built in China. That was due mainly to the unreasonably long delays in delivery which could be as much as a year or more, in

addition to the obvious bias of the contracts to the Chinese Shipyards at the expense of the companies. lately, the Chinese Shipyards have been achieving impressive levels of remarkable growth in the volume of work and competing strongly with the Korean Shipyards which have dominated this industry for more than 20 years.

KOTC has overcome these obstacles by drafting its own solid contracts to protect its interests. The company applies this process to all tanker-building contracts. It rejects ready-made contracts drawn up by the manufacturers and, through its vast experience in this field, drafting its contracts

with precision that safeguards its interests and realizes the specifications, quality and punctuality of deliveries as required by the Company. The contracts take into account all the requirement of the KPC and the relevant oversight authorities.

The contract with Chinese BSHIC for the new tanker is the first commercial cooperation with Chinese mega corporations in the field of building commercial ships, especially oil tankers.

• When will the company take delivery of the new tanker? How many and what types of tankers have been contracted for in the fourth phase?

According to the contracts, building will begin in March 2019, and it is expected to take 18 months, which means delivery in the last quarter of 2020.

The tankers contracted for in the fourth phase of the fleet modernization project are three VLGC with the Korean HHI. Their contracts were signed in January 2018; a VLGC with the Chinese BSHI. whose contract was signed in March 2018; 4 MR tankers whose contracts with Korean HMD were signed in April 2018. This brings the total number of tankers under building to 8 different tankers. By the end of 2018, the total number of the tankers in the fleet will be 28. By the end of 2019, with taking delivery of some of the tankers under construction, the number will be 32.

Hosted by KIPIC under the slogan “Work in harmony and integration to draw future” KOTC at Oil Sector Leaders Annual Meeting



■ Mr. Nizar Mohamad Al-Adsani speaking



■ Sheikh Talal Al-Khalid with the oil sector leaders at the meeting inauguration

KOTC CEO Sheikh Talal Al-Khaled Al-Ahmad Al-Sabah participated in the Oil Sector Leaders Annual Town hall 2017/2018. Kuwait Integrated Petroleum Industries Company (KIPIC) played host for the meeting, which was attended by KPC CEO Nizar Mohamad Al-Adsani, CEOs of

the subsidiary companies and a group of oil leaderships. “Despite the challenges, the performance of KPC and subsidiaries was outstanding and progressive,” Al-Adsani said in his opening speech. “After long months of discussions, KPC completed the upgrading of collective

Strategy-2040.”

“The Strategy-2040 upgrading was not easy; it came as a result of persistent discussions among those concerned at KPC and subsidiary companies. We succeeded in upgrading the Mission, Vision and long term Strategic Directives for KPC’s various activities. The efforts, dedication and one-team spirit reaped fruit.”

The meeting was organized at Al-Zour oil complex under the slogan “Work in harmony and integration to draw future.” It commemorated the completion of KPC and subsidiaries 2040 strategic directives which depicted the Kuwait oil sector future road map locally and regionally to boost competitiveness for leadership.

The oil sector leaderships toured Al-Zour complex to view the projects latest developments. The projects include Al-Zour Refinery Project, LNG Permanent Import Facilities Project and Petrochemical Project.

Al-Adsani: Despite challenges, KPC and subsidiaries performance is outstanding



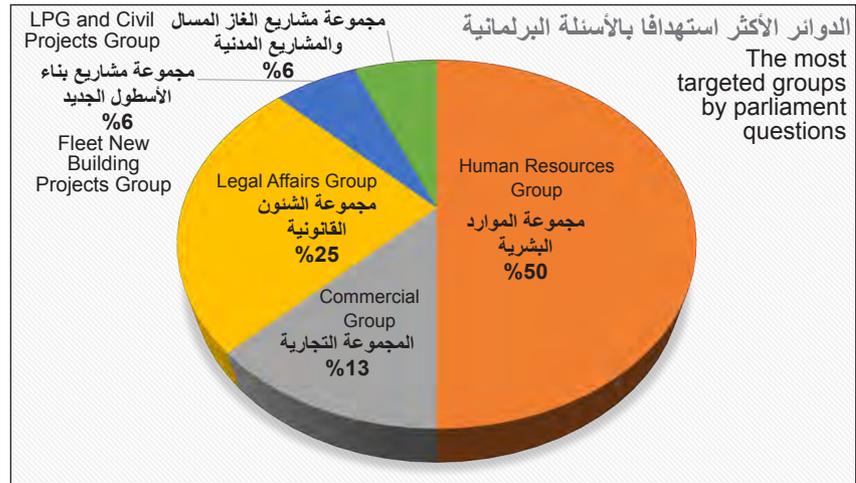
■ Wide attendance by oil sector leaders

Replied to 100% of the Legislative Authorities in a record time Outstanding performance for Government & Parliament Relations Team

The persistent effort, which were exerted by the KOTC Government & Parliament Relations Team, are crowned with all-level outstanding performance and close cooperation with the legislative authorities.

The statistics reflect the Team's fruitful efforts for expanding cooperation with the National Assembly and fulfil its legislative and supervisory role. The required information was supplied through replies to members of parliament questions.

From September 24, 2017 and until April 1, 2018, 11 questions were addressed by the MPs to KOTC which included 49 items. 100 % of the questions were answered by the Government



الدوائر الأكثر استهدافا بالأسئلة البرلمانية
The most targeted groups by parliament questions

& Parliament Relations Team, and in cooperation with the concerned departments.

The Human Resources Group took the lion's share with 50% of the questions, the Legal Affairs Group was second with 25%, LPG Projects and Civil Projects Group was third with 6%, and the Fleet Building

Projects was last with 6%. By succeeding in providing 100% answers, the Government & Parliament Relations Team completed the replies in a record time. This achievement indicates KOTC concern in cooperation with all government institutions, particularly the legislative authority.

In support of Earth Day Celebration

KOTC participated in the Scientific Center Activities

On April 19, 2018, KOTC, represented by PR & Administrative Services Group, participated in the Scientific Center World Earth Day activities. The participation is part of the company's effort in disseminating environmental and scientific awareness.

A rich program was set by the Scientific Center to mark the Day, which included several events, such as animal adaptation in original environment and workshops about plastics and its effect on environment. Other participants, including KOTC, provided environment-related activities, such as distribution of plants, painting by recycled materials, talking birds and other delightful and scientific shows. "Hurricane," a new release for IMAX film, was also put into display. The film detailed the formation of hurricanes and their positive impact on the environment despite its devastating power.

The ceremony aimed to boost the audience awareness about the importance of environment protection against pollution, facing the life-threatening risks and urge the people to be part of making Kuwait cleaner and greener.

Kuwait Institute for Scientific Research, KPC, EPA, Palm Friends Society and many parties.



Side of events

Organized by Fleet Personnel Group in cooperation with KOC

Awareness presentation for students accepted in Marine Scholarship Program



■ Group photos

Fleet Personnel Group, in cooperation with Kuwait Oil Company (KOC), held an awareness presentation for the students who successfully enrolled in the Marine Scholarship Program (2017/2018) to explain the necessary steps and procedures to be taken to complete the Scholarship program, The presentation was held on April 5th, 2018 at KOTC Auditorium and

was also attended by the students' parents. "19 students had passed the initial stage out of over 500 students who applied for joining the program, Mr. Abdullatif Al-Azemi – Manager Fleet Personnel Group congratulated the accepted students. "This is the first batch under the partnership between KOTC and KOC regarding the investment in the development of the



■ Mr. Abdullatif Al-Azemi presenting the scholarship program procedures

national human element." Mr. Azemi outlined different stage of the Marine Scholarship Programme before obtaining the Higher National Diploma (HND) and Certificate of Competency - Officer of Watch Keeping Navigation - OOW/ Navigation - OOW/ Engineering from the certified marine colleges. Furthermore, Mr. Al-Azemi outlined the study period for the Marine Scholarship Program, thereby mentioning the different English schools and colleges in the UK with the students will be going there. in addition, he explained the allowances and bonuses for students at each stage of the Marine Scholarship. Finally, Mr. Azemi pointed out that the students who successfully pass the program of the Marine scholarship, will be employed by Kuwait Oil Company (KOC), according to the requirements of the company. Towards the end of the presentation, copies of code of conduct and the contracts were distributed to students and their parents to be signed, and the Marine Scholarship contract was signed by students and parents.



■ The Team from KOTC and KOC



■ A number of students with their parents

Organized by Quality, Health, Safety, Security, Environment and Corporate Risks Management Group "Our Sea is Our Wealth"... KOTC Environment Day Slogan



■ Sheikh Talal Al-Khalid at the ceremony

KOTC continues its efforts to enhance awareness about the importance of preservation of environment and natural resources. Initiatives, activities and events are organized around the year. In this respect, Quality, Health, Safety, Security, Environment and Corporate Risk Management Group organized an Environment Day on Wednesday 9 May 2018. The Day, held under the slogan "Our Sea is Our Wealth," aimed to enhance the company employees awareness about environment. The activities began with a lecture by Mr. Hussein Al-Qallaf, from the Kuwait Dive Team (Sinair) of the Voluntary Work Centre. Al-Qallaf introduced the Team and its efforts in the protection of environment. He said that the Dive Team is an important voluntary service provider in the country that aims to re-construct the sea environment

through watching the beaches and coasts, ceasing transgressions and spreading awareness about sea life and culture. He said that the team made many achievements in the environment-related aspects generally, and in sea environment issues specifically. The team was

involved in many contributions and operations, which include: cleaning debris from bottom of the sea and mooring facilities, protecting Qaruh island from erosion, protecting green turtles from extinction, and coral reefs nursery. In turn, Mr. Bashar Al-Henedi – from Kayak 4 Kuwait Team,

Environment Protection Law Presentation

In the same context, and seeking to raise environmental awareness, the Quality, Health, Safety, Security and Corporate Risk Management Group organized a lecture for company employees about the environment protection law No (42) for 2014. The lecture held on Monday 9 April 2018, in the company main theatre. The Head of the Marine Creatures Observation Department in the Environment Protection Authority Dr. Fahd Al-Ajami introduced it. Al-Ajami previewed the development of environment legislations in the State of Kuwait until the Environment Protection Law was issued in 2014 in its current formation. It was modified in 2015, and its executive rules were issued in 2017. Al-Ajami noted that the Law contains texts about environment protection in general, and land, agricultural environment, sea environment, air protection, drinking water and ground water protection, biological diversity, prevention of overgrazing, and control on Ozone layer depleting materials. The Law also includes penalties and civil liability.

gave a presentation about the Team's efforts in environmental awareness. He previewed the Team's rowing journey from Kuwait to the Sultanate of Oman, to spread awareness among the Gulf society about the environmental issues. The 90-day journey covered a 2000 KM distance. "The journey aimed at disseminate awareness about how to preserve the seas from pollution, and convey that message that the sea environment is open and any pollution affecting one part at a Gulf State may affect the other States. "Our Gulf is Only One" and preserving it is everyone's responsibility," he said. Afterwards, KOTC CEO, Sheikh Talal Al-Khaled Al-Ahmad Al-Sabah, presented honorary shields for Al-Gallaf and Al-Henedi. He praised their efforts in broadening awareness about the environmental issues. "The Kuwaiti youth has the efficiency and ability to engage in such adventures that aim to deliver awareness messages aiming at sea environment protection in the Gulf States," Sheikh Talal said. "KOTC is concerned in organizing such activities that help in establishing the environment preserving concepts, and shed light on the challenges the State of Kuwait is facing in relation to sea environment in particular and environmental affairs as a whole." In conclusion, the attendance toured the Environment Exhibition organized in the company entrance hall. Sinair Team, Alfa Divers Team, Kayak 4 Kuwait Team, the General Committee of Environment and Public Authority for Agriculture & Fish Resources participated in the Exhibition.



■ Sheikh Talal Al-Khalid honoring Mr. Hussein Al-Qallaf



■ And Mr. Bashar Al-Henedi

New Achievement Puts KOTC as Elite of International Marine Transport Companies in its optimal Implementation of Power Management System

Eng. Ayad El Samra stated that the "Kuwait Oil Tankers Company" achieved the ISO 50001 Energy Management

KOTC achievements continue day by day, whether in implementing its strategic plans to modernize and expand the fleet vessels or in the optimal operational for its fleet through the best energy management systems and environment protection from pollution.

As a result of its international efforts and commitment to protect the environment, Recently KOTC received an international standard ISO 50001 certificate for implanting the Energy Management System from DNV-GL

The Certificate was received by the KOTC CEO Sheikh Talal Al Khalid Al Ahmad Al Sabah who affirmed on the occasion that obtaining this certificate by the "Kuwait Oil Tanker Company" was in line with its pioneering vision in the field of sea transport of oil and liquefied gas. The best application of the energy management system helps reduce the green-house causing hidden gases emissions in order to protect the environment in line with international regulations and the new relevant decisions.



■ Engineer Ayad El Samra

To discuss this new achievement of the KOTC, "Nakilat" met Engineer Ayad El Samra, Superintendent of the Fleet Engineering Group in the company, who explained that the international standard (ISO 50001) represented specifications and standards for the energy management system, established by the International Standards Organization (ISO) in 2011. These standards set requirements for establishing, executing and improving energy management. A proper energy management system would enable the company to adopt an efficient and continuous methodology in energy management, raising its efficiency, and ensuring the security, rationalizing and saving its consumption, reducing its costs as well as limiting the emissions of the gases that harms the environment and causes the green-house effect.

Qualification Phases

Eng. El Samra ensured that the Company obtained the (ISO 50001)

certification after examining its headquarters and a specimen of its tankers by the classification Society. (DNV-GL) and ascertaining that the Company met all the requirements of the standards. He explained that the requirements for obtaining this approval involved great efforts by the company and proper planning that began several years ago, with the Fleet Engineering Group dividing the stages of preparations for obtaining this certificate into two phases.

Phase I

It began in early 2015 in cooperation with a group of specialist consultants. All requirements of the (ISO 50001) standard were studied in the company and its fleet. The base line was established to improve the energy management system with great support and assistance from the Company top management. That was followed by a precise plan and timetable for achieving the goals of this phase.

Phase II

The following were set and carried out:

- Installed (Eco-Insight) program in 26 tankers of the Company fleet.
- Issuing a new and amended system for managing energy efficiency (SEEMP) in the Company fleet in order to reduce fuel consumption and environment - harmful carbon gas emissions.
- Organized trainings and introductory courses for the Company employees and the fleet personnel about the (ISO 50001) Energy Management standards.
- Organized extensive training courses and workshops for the Company employees and the fleet personnel about the (Eco-Insight) program.
- Initiated commitments to conduct field visits to the Company tanker fleet and carried out internal, regular and continuous inspection to ensure the best application of the standard requirements.



■ The ISO Certificate

- Carried out the required amendments to the (HSE Manuals) for the fleet and the Company.
- Appointed an Energy Management officer and defining his responsibilities.
- Auditing to ensure the continuity of compliance and commitment to the standard requirements.
- Conducted various studies to find the best methods and the best operation devices that help proper energy management resulting in financial savings for the company and reduction in greenhouse gases emissions.

Benefits

The benefit of this certification to the Company, El Samra said: "By obtaining the (ISO 50001) certification, the Company joined the world of elite marine shipping companies in the area of best application of energy management system and environment protection and a confirmation of its international obligations towards the protection of Marine Environment." He also added that "We are witnessing a real change in individual and public awareness in relation to saving the fuel in our tankers and reducing consumption rates which would reflect positively on the environment and its protection." He stressed that by applying this standard the Company



■ The KOTC CEO Sheikh Talal Al Khalid Al Ahmad Al Sabah receiving the certificate

Energy Management System enables the company to adopt an effective on-going methodology in energy management, cutting its consumption and reducing its costs

The Fleet Engineering Group conducted continual studies to obtain the highest returns on the best application of the Energy Management System

aims to reach the utmost savings of fuel in its tankers fleet which would reduce operational costs and obtain maximum profits.

The International Classification Society (DNV-GL)

The International Classification Society (DNV-GL) is an independent agency based in Norway which evaluates several industries including Marine Shipping.

He added that the Classification Society is mainly concerned with rating world ships and marine units and that it worked closely and intensified its experience and energies with KOTC to achieve this result. A close follow up with the company was made to have the energy management system implemented in the fleet. Al Samra explained that there are many world companies and institutions which could issue energy management programs, but (DNV-GL) was chosen for reasons, the most

important of which were:

- Scientific qualifications, management and efficiency.
- Long experience in the Company's ships.
- Conforming to KOTC terms, being on the Company's list of accredited companies.

Future Plans

El Samra concluded by stressing that the KOTC performs considerable efforts to achieve the best implementation of the energy management system and environment protection, with a large number of concerned individuals to determine the proper implementation of the requirements of this standard is in order, to achieve the best results. Continuous inspections are carried out to make the necessary corrections to ensure quality. The Fleet Engineering Group conducts several studies and looks for new and modern methods to enable the Company to achieve the maximum returns in this field.

KOTC Qureish, prizes and pleasant Ramadan atmosphere



■ Mrs. Dalal Al-Asfour receiving her prize



■ Side of Attendance

In presence of CEO Sheikh Talal Al-Khaled Al-Ahmad Al-Sabah and DCEOs, the Public Relations Department organized the annual Qureish event at the Head Office lobby on May 15th, 2018. Group managers, team leaders and a huge number of employees attended the ceremony. Every year, KOTC holds this event to commemorate the advent of the holy month of Ramadan. It was a fine occasion for

all employees to meet and exchange the well-wishes. Under pleasant and delightful atmosphere, a number of employees brought Ramadan dishes to share with other colleagues. A draw was made for prizes in addition to another draw offered by KIB. On this occasion, CEO Sheikh Talal Al-Khalid Al-Sabah congratulated HH Sheikh Sabah Al-Ahmad Al-Jaber Al-Sabah The

Amir of Kuwait, HH Sheikh Nawaf Al-Ahmad Al-Jaber Al-Sabah the Crown Prince, HH Sheikh Jaber Mubarak Al-Hamad Al-Sabah the Prime Minister, may God give the long life, the government and the all Kuwaitis. He wished everyone blissful and pleasant Ramadan. Sheikh Talal Al-Khalid thanked those involved in organizing the event and bringing it into success.

Field visit at KOTC LPG Filling Branch (Shuaiba) A learning experience for the students of Australian College of Kuwait(ACK)



■ Australian College students with Eng. Ahmad Ashkanani and Eng. Rashed Al-Hamadi during the visit

A group of Mechanical Engineering students from Australian College of Kuwait visited KOTC LPG Filling Branch Shuaiba on 6th November 2017 under the supervision of their associate professor Dr. Ahmad Sadagat. The purpose of visit

was to gain knowledge on LPG Pumps, Valves and its related technologies from the experienced engineers & technicians in KOTC, hence to develop a greater understanding of how engineering theory is put into practice.

Mr. Ahmed Ashkanani, Senior Operations Engineer – GFB(Shuaiba) guided students and took things further. He gave presentations on LPG, the basic fundamentals of pumps & valves technology, KOTC pump designs, various parts and it's working principles. Mr. Rashid Al-Hammadi, Operations Engineer took the students around the plant and during the tour, all aspects of the plant's activities were explained by Mr. Ahmed Ashkanani – from plant safety to the wide range of operations and processes. This surely was a learning experience for the students and they returned from the plant with an insight into its functioning and operations.