### FORTHCOMING REGIONAL WORKSHOP & OIL SPILL RESPONSE EXERCISE

As previously announced, a Regional Workshop on "Building an Effective National and Regional Preparedness and Response Capacity" in conjunction with an Oil Spill Response Exercise Code Named "Golden Horn-Istanbul" will be organized under the patronage of the Ministry of Transport Maritime Affairs and Communication and Ministry of Environment and Urbanization of Republic of Turkey and in cooperation with Turkish Petroleum (TP) and MEKE Marine; MOIG members; from 06 to 08 November 2018 in Elite World Hotel Istanbul-Taksim in Istanbul-Turkey.



The event will open on Tuesday, 06<sup>th</sup> November 2018 at 08:00 hours and is expected to close on Thursday, 08<sup>th</sup> November 2018 at 13:00 hours. The main objective of this Workshop are to reinforce and develop Sub-Regional contingency plans, to enhance National and Regional coordination capacity, to share information, lessons learned and best practices of the previous exercises as well as to stay abreast of the newest technologies and benefit from Responders and Manufacturers technical expertise.

The first two days workshop programme will include, a priori, technical oral presentations and panel session hinged around the six following topics:

- 1. T1: Contingency Planning & Regulatory and Legal Requirements
- 2. T2: National and International Response Management Level
- 3. T3: Oil Spill Response New Technology
- 4. T4: Oil Spill Response Services
- 5. T5: Oil Spill Response Equipment Industry
- 6. T6: National and Regional Oil Spill Exercises

The third day event will be dedicated to Oil Spill Response Exercise code-named "Golden Horn-Istanbul" that will be conducted by MEKE Marine. The exercise will comprise a water deployment of marine response equipments including containment booms, skimmers, storage tankers using vessels and boats, according to oil spill scenario that shall be communicated to you later.

#### FORTHCOMING REGIONAL WORKSHOP & OIL SPILL RESPONSE EXERCISE - CONTINUED

This event will host representatives from Government, Oil and Gas Industry, Responders, Manufacturers, National and International Organizations, Shipping Companies, Academics, CEOs, Directors, Managers, experts, consultants and Engineers and will be a good opportunity to exchange ideas to improve knowledge and skills on Oil Spill Prevention, Preparedness and Response as well as to network and develop new contacts.

The working languages of the event will be English and Turkish. Turkey-English translation will be available.

In order to enable MOIG to have all logistic arrangements made on time, it would be appreciated if you could upload the Registration Form on the following link: <a href="http://www.moig.org/docs/RegistrationForm.doc">http://www.moig.org/docs/RegistrationForm.doc</a> completed and returned to houcine.mejri@moig.org.tn or info.moig@planet.tn at your earliest convenience but not later 12<sup>th</sup> of October 2018.

We would like to bring to your kind attention that participation in this event could not be guaranteed for nominations received after the abovementioned deadline. Whilst looking forward to your very early response but in any case prior to the above mentioned nominations deadline, please do not hesitate to contact MOIG Secretariat should you require any further information and assistance.

For hotels booking, please contact Ms. Sena Elik by Email from Elite World Istanbul Hotel (05 Stars) and Elite World Prestige Hotel (04 Stars) at <a href="mailto:sena.elik@eliteworldhotels.com.tr">sena.elik@eliteworldhotels.com.tr</a>, both hotels are next to each other.

We rely on your active participation to make this event a memorable success.

The Management Committee Members would like to thank Turkish Petroleum, hosting company and MEKE Marine, technical partner for agreeing MOIG request to perform the forthcoming Regional Workshop and Oil Spill Exercise in Istanbul-Turkey.

#### FORTHCOMING MOIG GENERAL ASSEMBLY MEETING

The Management Committee is very pleased to announce that the up-coming General Assembly Meeting would be held in conjunction with the Regional Workshop on Building an Effective National and Regional Preparedness and Response Capacity on 07<sup>th</sup> November 2018 in Istanbul-Turkey and shall see the changing of the current Management Committee Members.



The MOIG has achieved a lot through its current Management Committee and would has helped steer the MOIG to the position we are today, whilst we thank and all fully appreciate the efforts of the existing Management Committee it is imperative that we utilize the experience and expertise available within our members to nominate suitable individuals to replace the existing Management Committee.

#### FORTHCOMING MOIG GENERAL ASSEMBLY MEETING - CONTINUED



We would like to draw your kind attention that the forthcoming General Assembly will coincide with the 26<sup>th</sup> Anniversary of MOIG and we are very proud with the outstanding performance of MOIG over the last years, where great efforts were exerted to enhance oil spill prevention, preparedness and response in the Mediterranean region and we would like to continue with the same enthusiasm shown during 2014-2018 activities.



It is important to remind all our members that the Management Committee Members role is to facilitate communications with and between the MOIG members and technical partners and garner support for the MOIG activities and other collaborative activities related to oil spill prevention, preparedness and response. The activity of the MOIG is such that a person with a relevant background and experience in matters related to oil spill prevention, preparedness and response would be best suited for nomination on the next Management Committee.

We cordially invite you all to nominate any MOIG member that you may feel can affectively support the management of the MOIG. Any appointment within the MOIG Management Committee requires a participation which should be active and supported by his company at conference calls, meetings and working group according to the MOIG Business Plan. Nominations should be submitted to MOIG Secretariat by Email to <a href="https://example.com/houcine.mejri@moig.org.tn">houcine.mejri@moig.org.tn</a> or by Fax: +216 71 888 439 no later than 05<sup>th</sup> October 2018. The Agenda of the Meeting will be communicated to members at least 30 days in advance before the General Assembly date.

#### AMILCAR PETROLEUM OPERATIONS JOINED MOIG AS A MEMBER



03 January 2018, The MOIG Management Committee members are very delighted to welcome the new member Amilcar Petroleum Operations (APO). APO is a 50/50 Joint Venture Company between ETAP (Tunisian National Oil Company) and Shell Tunisia Upstream (STU) created on 06 May 2014 as the Operator of Hasdrubal field.



Onshore Hasdrubal Plant - Sfax

Hasdrubal field is located in Amilcar permit about 100 km from the coast in the Gulf of Gabes in Tunisia produces gas and condensate. The production facilities consist of an unmanned offshore platform, an on shore gas, condensate & LPG processing plant in Sfax and and LPG storage & export terminal in Gabes. The gas is sold to STEG at APO's Ben Sahloun metering station whereas the condensate and LPG (propane & butane) are transported by pipeline respectively to TRAPSA in Skhira and to APO's LPG storage & export terminal in Gabes.

APO considers environmental protection as a core value of its business; its operated facilities are certified ISO-14001. It has a Tier 1 response capability package to combat oil spills, composed of offshore boom, skimmer and storage tanks. The Management Committee would like to thank Amilcar Petroleum Operations (APO) for its confidence in MOIG.

# 14<sup>TH</sup> EXPLORATION PRODUCTION CONFERENCE (EPC'2018) - NEW DATE

05 January 2018, The 14<sup>th</sup> Exploration Production Conference (EPC'2018) initially scheduled to be organized from 23<sup>th</sup> to 25<sup>th</sup> April 2018 in Tunis-Tunisia by the Tunisian Company of Petroleum Activities (ETAP), MOIG member and supported by the European Association of Geoscientists&Engineers (EAGE), the American Association of Petroleum Geologists (AAPG) and the Mediterranean Energy Observatory (OME) was postponed to October 22-24, 2018.



This conference ensures, through its challenging programme including 14 topics, 04 workshops and 02 field trips. MOIG submitted an abstract and full text titled "Lessons Learned from Tunisian Previous Oil Spill Response Exercises" that we hope to be accepted by the Exploration Production Conference Steering Committee and presented as an oral presentation in Topic 13 related to Data Management/Health-Safety-Environment (HSE) /Corporate Social Responsibility (CSR).

### **UPDATE OF MOIG BROCHURE "VERSION 2018"**

20 February 2018, MOIG produced its brochure Version 2018. The brochure contains 06 pages including information on MOIG framework, Guiding Principles, Membership, Members and Technical Partners and benefits.

The updates have been made on the front page, benefits section containing some photos of activities of the previous year and Members and Technical Partners sections for those who joined MOIG in 2018.



### PARTICIPATION TO UTIQUE EXERCISE IN BIZERTE-TUNISIA

28 February 2018, MOIG was invited as evaluator by OMMP-Bizerte and STIR to UTIQUE Exercise performed in Bizerte city in Tunisia under the auspices of Tunisian Ministry of Transport. The exercise was organized jointly by OMMP-Bizerte and STIR assisted by the Civil Protection (ONPC), Security Forces from the Ministries of National Defence and Interior.



STIR Jetty: Fire fighting operations of the Oil Tanker

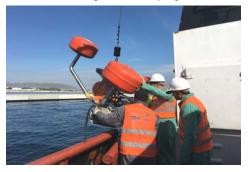
### PARTICIPATION TO UTIQUE EXERCISE IN BIZERTE-TUNISIA, CONTINUED



Marina: Exercise Coordination



Joumine Tug: Boom Deployment



Journine Tug: Skimmer Deployment



Journine Tug: Evacuation of Injured



Marina: Ambulances

The selected exercise scenario included Safety, Security and Environment Protection aspects and consists of simulating a terrorist act on board of tanker ship berthed at STIR A jetty oil terminal followed by a fire on board in the forecastle and accidental oil spill (Crude oil) estimated at about 10 m<sup>3</sup>.

The exercise covered the following operations: Alert, area evacuation, establishment of crisis unit and Emergency Operation Center, first investigation by security forces, explosion causing a fire on board and oil spill into the sea, evacuation of injury and casualty, fire fighting and oil spill response. An Emergency Operations Center was established at the Marina CAP 3000 in order to coordinate UTIQUE exercise.

The crisis unit was composed of representatives from OMMP-Bizerte, STIR, Bizerte Governorate, ONPC, National Marine and Ministry of Interior.

The Oil spill exercise comprised a full scale oil spill response equipment deployment of STIR and OMMP such as: fence and inflatable booms, skimmers and fastanks from STIR Jetty and Journine tug.

At the same time, emergency evacuation drills of victims and injured persons were performed by ONPC and STIR from the Oil Tanker, jetty and Joumine tug. An advance medical posts and ambulances from ONPC, STIR and Ministry of Health were positioned in the Marina CAP 3000 and STIR jetty to provide first aid and evacuate injured persons to the Regional Hospital of Bizerte.

A great number of delegates from Tunisia, USA, France and UK embassies based in Tunisia observed in real time from CAP Marina 3000, Joumine tug and STIR Jetty the first hands of actions packed of Security, Safety, Oil Spill Response and Emergency Evacuation drills.

The general feedback was highly positive and participants are to be congratulated for their efforts and professionalism throughout all conducted operations.

UTIQUE exercise is a good example of successful cooperation and coordination between relevant stakeholders from government and oil and gas industry by working together and sharing expertise and resources, thus clearly demonstrating the ability to deal with large and complex incidents.

The MOIG Management Committee Members would like to thank both OMMP-Bizerte and STIR for their kind invitation and warm welcome.



Marina: ONPC Adcanced Post



Marina: Observers

### PARTICIPATION TO INTERSPILL CONFERENCE & EXHIBITION LONDON 2018



13-14 March 2018, The MOIG Director participated to Interspill 2018, the Leading European Oil Spill Conference and Exhibition organized at Excel Centre in London. The conference was opened by M. Kitack Lim, the General Secretary of the International Maritime Organization (IMO).

The event gathered International associations and organizations, responders, manufacturers, services companies and experts working on oil spill prevention, preparedness and response from all over world to meet and share knowledge.

The conference featured Science Workshops on Shoreline Survey, HNS Pollution, Marine Pollution Impacts and Response in Cold Environments as well as Poster Presentations.

The programme included also Conference Sessions on a diverse set of topics including Panning & Delivery, Preparedness, Surveillance in Practices, Offshore / E&P, Surveillance Technologies, Wildlife, Situational Awareness for the Spill Prevention & Response Community, Dispersants, Government/Industry Partnerships, Making Training Work, Inland Spill Issues, IMS & OOW, Effective exercising, Shipping & Salvage Risks, Strategic Aspects of Preparedness and Case Studies.

During this event, the MOIG Director had the opportunity to meet the representatives from attending members and technical partners, International organizations and associations as well as training centers such us MEKE Marine, Janaf, DESMI, OSRL, Cedre, IPIECA, REMPEC, ATRAC, TULIP, ISAA and Vikoma.

We are very delighted with the outcome of these meetings which led to undertake fruitful discussions on oil spill prevention, preparedness and response in the Mediterranean region paving the way to further strengthen cooperation and exchange of information and experience between MOIG and attendees at this event.

This conference was also a good opportunity to promote the forthcoming Regional Workshop & Oil Spill Exercise scheduled to be held from 06 to 08 November 2018 in Istanbul-Turkey in cooperation with Turkish Petroleum (TP) and MEKE Marine.



Meeting MEKE-REMPEC-TULIP-MOIG



Meeting Cedre-MOIG



Meeting Janaf-Atrac-MOIG



Meeting DESMI-MOIG

## PARTICIPATION TO 40 ANNIVERSARY OF AMOCO CADIZ, Cedre, BREST- FRANCE





Panel 3: Ecological Impacts of Marine Pollution



Station A: Identification of Pollutant



Station B: Response in Water



Station C: Shoreline Cleanup

16-17 March 2018, MOIG was invited by the Centre of Documentation, Research and Experimentation on Accidental Water Pollution (Cedre); Technical Partner; to the 40 Anniversary of AMOCO CADIZ that took place in Oceanopolis and Cedre site in Brest-France. This event was placed under the signs of "40 Years of Developments" and "On the Road of AMOCO CADIZ" and opened by M. Francois Cuillandre, President of Cedre.

The event gathered relevant stakeholders involved in case of oil spill incidents, International Organizations, Environmental Associations, Scientific Institutions and Local Communities such us: the Secretariat General for the Sea, National Marine, Ministry of Interior, Ministry of Environment, Directorate General of Security and Crisis Management, Directorate of Maritime Affairs, Harbor Authorities, Frensh Shipowners, OMI, ITOPF, Vigipol, LPO and INERIS.

The first day event was held in the Oceanopolis and included four panel sessions focusing on topics relating to "Prevention in Maritime Transport", "Preparedness, a Key Element in Response", "Ecological Impacts of Marine Pollution" and "Restoration: Example of Local Authorities Representatives".

The Second day event was held in Cedre site and comprised Conferences-Debates on "Show, Describe and Predict the Ocean", "Impacts of Brittany Oil Spills on the Monitoring of Marine Environment and Knowledge of Ecosystems" and "Highlights of Cedre Activities.

During this event, we had the opportunity to make a tour through Cedre facilities visiting four stands and meeting with Cedre experts, who explained the techniques applied for identification of pollutants, response on water, shoreline cleanup and post-pollution. We afforded also the opportunity to see a shoreline Cleanup live demonstration.

We were honoured to participate in that event and very impressed both by the high level of organization and quality of debates, discussions and exchange of information and experience.

The MOIG Management Committee would like to thank Cedre for their kind invitation and warm welcome during this visit.



Station C: Cleanup Live Demonstration



Station D: Post-Pollution

### ATRAC JOINED MOIG AS A TECHNICAL PARTNER



29 March 2018, following to Interspill 2018, the Management Committee is very delighted to welcome the new technical partner, the Adriatic Training and Research Center for Accidental Marine Pollution Preparedness and Response (ATRAC). The institution was established by Primorje-Gorski kotar County within the EU financed project Strengthening common reaction capacity to fight sea pollution of oil, toxic and hazardous substances in Adriatic Sea" - HAZADR.

ATRAC's key role is to provide training and education to the personnel from all Adriatic countries in all matters related to oil spill preparedness and response and its main goal is to improve cross-border cooperation and communication, so as to prevent the risk of oil spills and manage the crisis situation resulting in marine pollution. The Centre strives to harmonize national legislations within the region, by continuously monitoring all the activities related to prevention, preparedness and response to accidental marine pollution in the whole Adriatic-Ionian region.

#### ATRAC's main activities include:

- Education of personnel involved in national and regional systems for preparedness and response to oil spills and spills of hazardous and noxious substances (HNS);
- Preparation and organization of oil spill response exercises, of all scales;
- Studying different response strategies and techniques;
- Publication of relevant technical papers and documents related to fighting oil pollution at sea;
- Gathering and processing useful information for improvement of national/regional preparedness and response;
- Networking between institutions and experts involved in existing preparedness and response system in the region systems;
- Offering technical advice to responders in case of an incident;
- Writing, revision and update of contingency plans;
- Preparing operational agreements in order to improve local/regional, national and cross-border cooperation in case of an incident;
- Advising the local, regional and national authorities in case of an incident;
- Research of methods and techniques for combating oil spills at sea and on shore;
- Testing and developing response equipment for combating oil spills at sea and on shore.

#### ATRAC provides service to:

- Competent national, regional and local authorities responsible for oil spill prevention, preparedness and response;
- Coast Guards from all Adriatic countries;
- Navy and Ministry of Defence involved in national preparedness and response system;
- Civil protection services of all Adriatic countries;
- Public and private companies specialized in combating oil spills;
- Ports and port authorities;
- Oil and chemical industries;
- Coastal power plants;
- Other coastal industries;
- Maritime / charter sector, including shipowners, Marines;
- Tourism sector, including coastal objects;
- Fisheries and aquaculture sector;
- Volunteers and NGOs involved in protecting the Adriatic Sea from pollution;
- All other stakeholders interested in protecting the Adriatic Sea from pollution.

MOIG will benefit through ATRAC accession the technical support in the form of technical assistance, knowledge transfer and capacity building on oil spill preparedness and response, receipt of ATRAC newsletters and other benefits. The Management Committee would like to thank ATRAC for agreeing MOIG request to be a technical partner of MOIG. For more information about ATRAC, please visit the website on <a href="https://www.atrac.hr">www.atrac.hr</a>