Thursday, 23rd February 2017 – The MOGSC Oil & Gas HR Forum was held at Impiana Hotel, Kuala Lumpur and was attended by more than 150 attendees.

The objective of the forum was to bring together the HR Practitioners in the Oil & Gas industry to share common issues currently faced by the industry and to brainstorm possible actions that can be implemented to address the issues.

The highlight of the forum was the Panel Session with the theme “Skills Shortage in Malaysia – A Myth or Reality”, moderated by Ir. Megat Zariman Abdul Rahim, MOGSC Vice President and the Competency & Training Working Group Mentor and Chairman. The line of impressive panelists were Pn. Shareen Shariza bt. Dato’ Abdul Ghani, CEO of TalentCorp, Pn. Kartina Abdul Latif, Senior Executive Director of PwC, Pn. Nelly Francis, General Manager of Education & Learning, PETRONAS, En. Syed Azlan Syed Ibrahim, Senior Vice President of MPRC and Pn. Sharifah Zaida Nurlisha, MOGSC President. MOGSC is grateful to have YBhg. Dato’ Raiha Azni bt. Abd Rahman, SVP Group Human Resource Management, PETRONAS as the keynote speaker at the forum. Mr. Chandramohan M Saminathan, CEO of PETRONAS Technical Training Sdn Bhd (INSTEP) also shared on Transformation Learning Experience through INSTEP at the forum.
Dato’ Raiha highlighted that even though the industry is at a low point, companies should focus on the training and development of talent. This should be a continuous investment.

The Forum also marked the first time that the CTWG Roadmap was presented to the community. The feedback was extremely encouraging. Many participants appreciated the fact that MOGSC was taking the lead in driving the human capital agenda in the Oil and Gas industry. For a long time, the Malaysian Oil and Gas industry was lacking a champion on Human Capital related matters.

MOGSC was also grateful that one of its members, PwC provided the support for the event as well as shared its knowledge, expertise, and assessment of the Human Capital challenges faced by the different organizations in the Oil and Gas industry. The statistics and reports provided by PwC gave a valuable insight to all participants.

Finally, the forum featured a very vibrant panel discussion on the topic of Skills Shortage in Malaysia and whether this was a reality or a myth. MOGSC promised the participants that the forum would not just end there. Feedback was gathered and follow-up actions will be done. The main action was to follow through with the commitment that Dato’ Raiha has made on offering an industry roundtable setup within the Oil & gas community.

The Forum was attended by over 100 participants from various marine related service providers and marine related associations such as MASA, OSV Malaysia and Malaysia Joint Branch RINA & IMarEST.

The keynote speech was given by Ir. Dr. Karl Ng Kah Hou, Director, Data Economy Division, MDEC. There were 2 panel sessions moderated by Ir. Abd Malik Hussein bin Abdul Jalil and Ms. Farra Ahmad with 2 different themes “Embracing Digitization in the Marine Industry” and “The Future Needs of Digitization in the Marine Industry”.

A special thanks to the event sponsors - Bass Sdn Bhd, DNVGL, Satumarin Sdn Bhd, Caidmark Sdn Bhd, Sakata Oil & Gas Industry Services Sdn Bhd and AVEVA Asia Pacific Sdn Bhd for making the event a success.
“Embracing Digitization in the Marine Industry” and “The Future Needs of Digitization in the Marine Industry”

Panelists / Speakers for the morning panel session were En. Zainol Abidin Abdul Halim from PETRONAS ICT, YBhg. Dato’ Haji Rossid Musa from Marine Department of Malaysia, Mr. Muhundhan Kamarupullai from MDEC and Mr. Hernando Caceres from DNVGL. Discussion topics were on challenges in implementing digital technology in Malaysia and the incentives given to companies to encourage such efforts.

Panelists / Speakers for the afternoon panel session were YBhg. Dato’ Capt Haji Abd Rahim bin Abd Aziz from Dialog Group Berhad, Mr. Jonas Bergring from Eniram Ltd, En. Amir Mohd Noor from Sakata Oil & Gas Industry Services Sdn Bhd and Mr. Hanno Tam from AVEVA Asia Pacific Sdn Bhd. The afternoon session discussion topics were on Big Data & IoT application and implementing digital technology in the marine industry.
PwC-MOGSC Luncheon on ‘Fueling Sustainability: Financial Restructuring in the Oil & Gas Services Sector’

On Thursday, 16th February 2017, MOGSC in collaboration with PricewaterhouseCoopers (PwC) organized a Financial Restructuring talk with a focus on Offshore Support Vessel (OSV) companies. The speaker was Mr. Torbjørn Larsen, Partner of PwC Norway and an Offshore Industry Expert. He shared on the industry situation in the North Sea and how OSV players are restructuring and going through mergers and acquisitions amid the weak outlook.

Bursa Malaysia at MOGSC Meet-the-Members

On Tuesday, 14th March 2017, En. Salihudin Mohd Razali, Vice President, IPO Marketing, Bursa Malaysia presented to MOGSC members on the ‘New Market’. The 'New Market' hopes to provide SMEs with greater fund raising accessibility and visibility via the capital market to support their developmental and life cycle needs. It is to be part of the financing eco-system, to address the funding gap between P2P Equity Crowdfunding and the ACE Market.
MOGSC Recent Engagements

MOGSC-PETRONAS Annual Industry Review 2016 on Tuesday, 21st February 2017

Meeting with YBhg. Tan Sri Sidek Hassan on ‘Sustaining Women Workforce in Oil & Gas’ on Monday, 20th February 2017

Decommissioning Workshop on Tuesday, 7th February 2017

Fleming ‘Total Safety’ Seminar on Monday, 13th March 2017

Meeting with En. Dzafri Sham Ahmad, Vice President, Group HSSE, PETRONAS on Monday, 10th April 2017
MOGSC Recent Engagements

Engagement with the Malaysian Oil & Gas Engineering Council (MOGEC) on Wednesday, 1st March 2017

Engagement with the Malaysian Offshore Contractors Association (MOCA) on Friday, 10th March 2017

Engagement with the Malaysia OSV Owners’ Association (OSV Malaysia) on Tuesday, 21st March 2017

Engagement with Johor Petroleum Development Corporation (JPDC) on Thursday, 23rd February 2017

Launch of MPRC 100 Press Conference on Tuesday, 28th February 2017

MGA Workshop on Enhancing Utilisation of Gas on Wednesday, 29th March 2017
Visit to INSTEP

On Sunday, 9th April 2017, MOGSC together with 24 members visited the Institut Teknologi Petroleum PETRONAS (INSTEP) in Kuala Terengganu. The objective of the visit is to give an opportunity for MOGSC members to visit the training facilities available for manpower upskilling and to have a better understanding of how INSTEP delivers technical competence through experiential learning. The visit is also to provide feedback to INSTEP on industry requirements for training and competency development from the industry’s perspective.

Welcome New MOGSC Members

Corporate Members

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<thead>
<tr>
<th>No.</th>
<th>Company</th>
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<tbody>
<tr>
<td>1.</td>
<td>ARCADIS PROJEKS SDN BHD</td>
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<td>2.</td>
<td>DATARAN ELEKTRA SDN BHD</td>
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<tr>
<td>3.</td>
<td>COGDEV MALAYSIA SDN BHD</td>
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<td>4.</td>
<td>INTERWELL OIL &amp; GAS SOLUTIONS MALAYSIA SDN BHD</td>
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<td>5.</td>
<td>TECHNIP MHB HULL ENGINEERING SDN BHD</td>
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<td>6.</td>
<td>POLO ENGINEERING SDN BHD</td>
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<td>7.</td>
<td>CPD HOLISTICS SDN BHD</td>
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<td>8.</td>
<td>FIVE STARS LOGISTICS SDN BHD</td>
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Associate Members

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<tr>
<th>No.</th>
<th>Company</th>
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<tbody>
<tr>
<td>1.</td>
<td>INTERNATIONAL SOS (MALAYSIA) SDN BHD</td>
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<tr>
<td>2.</td>
<td>TRANSNATIONAL INSURANCE BROKERS (M) SDN BHD</td>
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</tbody>
</table>

MOGSC Members as of 11th April 2017 is 500
### Incident: Ammonia Release (Fatality & LTI)

Summary: Ammonia gas was released from flange N2 of the Medium Pressure Decomposer (MPD) at a Urea Plant. The gas release was due to backflow of solution containing ammonia and carbamate from the Medium Pressure Absorber (MPA), when a field commissioning operator opened a 14-inch block valve inlet to the MPA.

The field commissioning operator was in the process of pressurizing the Medium Pressure (MP) System with the flange N2 which was yet to be boxed-up following completion of several maintenance works upstream of the flange N2. At the time of the release, five (5) electrical contractors were working at a nearby area and were affected by the released ammonia gas.

### Incident: Fire Incident Resulting In Injuries

Summary: In September 2016, at around 1.23 am, a fire occurred during a scheduled outage at the alkylation unit of a refinery. The contractors were busy with a steam condensate line at the Alkylation Unit. The work required the replacement of a section of pipe.

On the night of the incident, the contractor decided to cut the pipe to the desired length without proper authorization. As soon as the contractor started to cut the pipe, a fire occurred resulting in injuries to five contractor’s employees. Two were hospitalized for further treatment.

### Incident: Food Poisoning

Summary: A food poisoning incident occurred during a company organized event which resulted in 26 people taken ill after consuming the food and beverage provided. The food was prepared by the in-house kitchen as well as outsourced from external vendors.

The ill persons (IPs) experienced fever, vomiting and diarrhea requiring further treatment, with 4 of them requiring admission to the hospital for further treatment. All the IPs have since recovered from their symptoms.

### Incident: Hand Injury

Summary: In September 2016, the Injured Person (IP) was releasing a lashing wire on an anchor chain upon completion of the bitter-end retaining pin installation.

While releasing the lashing wire, the anchor chain slipped, and tensed the wire, causing the IP’s right middle finger to be caught in between the chain link and the lashing wire. The IP sustained a fracture of the right middle finger.

### Incident: LOPC at Aircraft Parking Bay

Summary: In October 2016, a fuel leak incident due to drilling work by the contractor nearby an underground fuel hydrant pipeline at an aircraft parking bay was reported.

The affected pipeline was isolated, containment was done at the nearest monsoon drain and recovery activities were carried out at the Oily Water System (OWS).

The incident resulted in “No Fuel Supply” to some of the aircraft parking bays until further notice. Aircraft refueling operations at other areas were unaffected.

### Incident: Vacuum Residue Splash (LTI)

Summary: In November 2016, a field operator (Injured Person or “IP”) was splashed with hot vacuum residue while attempting to insert a blind at a heavy slop line.

The IP sustained burns on his body. He was brought to the in-house Occupational Health Centre and was sent to a government hospital immediately for further treatment.
MALIKAI, the first tension leg platform (TLP) in Malaysia, started production in December 2016. It is located 100 kilometres off the coast of Sabah, with a peak annual production of 60,000 barrels per day.

In the run-up to first oil, the project broke a world record for topsides skidding at height during superlift, and won awards for safety and innovation, both externally and from the Shell Group. At first oil, the project recorded 624 Goal Zero Days of No Harm or 27 million Goal Zero workhours.

Malikai is an example of the strength of Shell’s global deepwater business, applying TLP expertise from decades of operations in the Gulf.

In a lower for longer environment, oil and gas projects are subject to cost pressure, while demonstrating affordable level of investments and improved productivity. Join us to find out more about how Shell delivered Malikai on schedule and on budget, without serious injury to anyone.

**List of Speakers:**
- YBhg. Datuk Iain Lo, Chairman, Shell Malaysia
- Mamas Modon, Malikai Project Manager
- Shankar Baht, Tender/Riser Manager
- Edmund Adrian, Tension Leg Platform Manager
- Jillan Jenggi, Commissioning & Start-up Manager

**Time | Description**
--- | ---
2.30pm – 3.00pm | Registration
3.00pm – 3.05pm | Safety Briefing
3.05pm – 3.15pm | Welcoming Remarks by Pn. Sharifah Zaida Nurlisha, MOGSC President
3.15pm – 3.25pm | Opening Remarks by YBhg. Datuk Iain Lo, Chairman, Shell Malaysia Ltd
3:25pm – 3:30pm | Video: Delivering Malikai
3:30pm – 4:10pm | Malikai Presentation
4:10pm – 4:30pm | Q&A Session
4.30pm – 5.30pm | Networking & End of Event

*Programme is subject to change.*

**VENUE:**
MALAYSIAN PETROLEUM CLUB,
LEVEL 42, TOWER 2,
PETRONAS TWIN TOWERS, KLCC

**FEES:**
MEMBERS: RM 75
NON-MEMBERS: RM 100
*Inclusive of 6% GST*

**Contact:**
Syakira Najmudin
syakira@mgosc.org.my
03-2181 8781/8782/8783
MOGSC Upcoming Events

ANNUAL GENERAL MEETING 2017

WEDNESDAY
26 APRIL 2017
2.30 PM - 5.00 PM

Perdana Hall, Level 6,
West Wing,
Menara MATRADE

MOGSC-MGA
INDUSTRY GOLF

SATURDAY
MAY 20, 2017
TEMPLER PARK COUNTRY CLUB

For more information & registration :
shafiq@mogsc.org.my OR +603-2181 8761/8782/8763
putri@malaysiagas.com OR +603-2166 5139
### MOGSC 2017 Calendar of Events

<table>
<thead>
<tr>
<th>Month</th>
<th>Event Description</th>
<th>Location</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>MOGSC Meet-the-Members: Presentation by Shell Malaysia “Delivering Malikai, Malaysia’s First Tension Leg Platform”</td>
<td>Malaysian Petroleum Club</td>
<td>Tue, 18&lt;sup&gt;th&lt;/sup&gt; Apr. 3:00pm - 5:30pm</td>
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<tr>
<td>May</td>
<td>MOGSC 14&lt;sup&gt;th&lt;/sup&gt; Annual General Meeting</td>
<td>Dewan Perdana, Level 6, West Wing, Menara MATRADE, Kuala Lumpur</td>
<td>Wed, 26&lt;sup&gt;th&lt;/sup&gt; Apr. 2:30pm - 5:00pm</td>
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<td>May</td>
<td>“Successful Entrepreneurs Series” - YBhg. Tan Sri A K Nathan Executive Chairman and Group MD Eversendai Corporation Bhd</td>
<td>TBC</td>
<td>Wed, 17&lt;sup&gt;th&lt;/sup&gt; May 3:00pm - 5:00pm</td>
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<td>May</td>
<td>MOGSC-MGA Industry Golf</td>
<td>Templer Park Country Club, Rawang</td>
<td>Sat, 20&lt;sup&gt;th&lt;/sup&gt; May</td>
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<tr>
<td>June</td>
<td>MOGSC Meet-the-Members: Companies Commission of Malaysia (SSM) on the new Companies Act</td>
<td>TBC</td>
<td>TBC</td>
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<td>July</td>
<td>16&lt;sup&gt;th&lt;/sup&gt; Asian Oil, Gas &amp; Petrochemical Engineering Exhibition (OGA 2017)</td>
<td>KL Convention Centre</td>
<td>Tue, 11&lt;sup&gt;th&lt;/sup&gt; - Thu, 13&lt;sup&gt;th&lt;/sup&gt; July</td>
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<tr>
<td>July</td>
<td>MOGSC Hari Raya Open House</td>
<td>Malaysian Petroleum Club</td>
<td>Fri, 21&lt;sup&gt;st&lt;/sup&gt; July 3:30pm - 7:00pm</td>
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<td>August</td>
<td>MOGSC Bowling Tournament</td>
<td>TBC</td>
<td>Sat, 12&lt;sup&gt;th&lt;/sup&gt; Aug</td>
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<td>August</td>
<td>MOGSC Meet-the-Members</td>
<td>TBC</td>
<td>Wed, 23&lt;sup&gt;rd&lt;/sup&gt; Aug</td>
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<tr>
<td>September</td>
<td>MOGSC Meet-the-Members</td>
<td>TBC</td>
<td>Wed, 20&lt;sup&gt;th&lt;/sup&gt; Sept</td>
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<tr>
<td>October</td>
<td>MOGSC Futsal Tournament (Hari Sukan Negara)</td>
<td>Sports Planet Ampang</td>
<td>Sat, 14&lt;sup&gt;th&lt;/sup&gt; Oct</td>
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<tr>
<td>October</td>
<td>MOGSC Meet-the-Members</td>
<td>TBC</td>
<td>Wed, 25&lt;sup&gt;th&lt;/sup&gt; Oct</td>
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<tr>
<td>November</td>
<td>MGA-MOGSC Industry Gala Dinner</td>
<td>TBC</td>
<td>Fri, 3&lt;sup&gt;rd&lt;/sup&gt; Nov</td>
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<td>November</td>
<td>Oil &amp; Gas Career Fair</td>
<td>TBC</td>
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<td>November</td>
<td>MOGSC Meet-the-Members</td>
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<td>Wed, 22&lt;sup&gt;nd&lt;/sup&gt; Nov</td>
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<tr>
<td>December</td>
<td>MOGSC Meet-the-Members</td>
<td>TBC</td>
<td>Wed, 13&lt;sup&gt;th&lt;/sup&gt; Dec</td>
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