

## New guidelines for lifting operations

IMCA has published new industry guidelines for lifting operations, drawing on the cumulative experience of its members operating safely world-wide to set out clear, useful guidance that is already attracting much interest.

Lifting is a key part of almost all offshore and subsea operations. It can range from lifting of stores and spares handling through to complicated and heavy lifts and there could be in excess of 200 different lifting operations on a vessel. Each lift brings with it the possibility of injury to people and damage to equipment but, with proper planning, hazards can be identified and risks reduced or eliminated. Regardless of whether it is a complex and perceived high-risk project or a comparatively straightforward, every day task, proper risk assessment, comprehensive lift planning and safety awareness throughout a lift team can help to avoid incidents.

The new *Guidelines for lifting operations* (IMCA SEL 019/M 187) set out procedures and basic criteria based on the existing practices of members operating safely around the world. They are intended to show essential components that should be included in company procedures for lifting operations and to offer advice on the steps within a lifting operation process that will promote safety. While primarily aimed at subsea lifting operations, the principles described are relevant to all offshore lifting operations and to lifting operations anywhere.

The guidelines have been passed to the Lifting & Hoisting Task Force of the International Association of Oil & Gas Producers, which has indicated it will make reference to IMCA's guidance on this subject. At the same time, they are attracting much interest from members in all regions and membership categories, with copies flying off the shelves.

Produced in IMCA's updated glossy illustrated format, copies are available for purchase in printed form priced £15 (members)/£30 (non-members) or as a free download for members.

For information on the next projects being undertaken by the IMCA Crane & Winch Operations Workgroup, turn to page 13.



### Also in this issue:

#### Paris seminar breaks records

A record 350 delegates gathered in Paris earlier this month for the IMCA annual seminar, where both formal and informal discussions reached new heights.

For our special report on the event, turn to page 11

#### IMCA diving code updated

The *IMCA International Code of Practice for Offshore Diving* has been reviewed with wide industry consultation, updated and republished in an eye-catching new format.

This and more Diving Division news on page 12

#### Get involved at IMO

IMCA is highlighting its non-governmental observer status at the International Maritime Organization and the possibilities for members to get involved in its meetings and work.

For more information, turn to page 13

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### World Maritime University benefits from IMCA midsummer ball



*Hugh Williams presents a cheque for £2,500 to Roger Jones of the World Maritime University as Ian Giddings looks on*

Roger Jones, VP Business Development of the World Maritime University, recently visited the IMCA offices to receive a cheque for £2,500 – proceeds from June's IMCA midsummer charity ball held at Fyvie Castle, which we reported on in issue 44 of Making Waves.

Hugh Williams, IMCA Chief Executive, explained: "Education and training are of key importance to our members, so we can think of no more worthy recipient than WMU. Offering postgraduate courses, it serves the maritime community by providing high-level maritime

education and training, mainly to developing countries, to promote IMO's safety, security and environmental protection mandate. As graduates take up senior positions in the maritime field, many will interact with our members or may consider posts with our members around the globe. We are proud to be associated with the university."

Roger Jones thanked IMCA for its donation, advising: "This contribution will support the university's planned international conference in April 2008 on 'Professional Women in Maritime Development' and will help finance scholarship for our women graduates' participation in the conference. We look forward to talking to IMCA members about our work in the future, including the mentoring and fellowship programmes."

For more details on WMU and its work, please visit [www.wmu.se](http://www.wmu.se)

### Membership categories explained

Individuals with our member companies receiving IMCA material should be well aware of the range of issues the association covers, how it interacts with other bodies and the range of output and events that helps to deliver its objectives and work programme. However, they may not be so familiar with IMCA's membership structure and categories, so the following is a brief overview.

There are five categories of membership, as follows:

- ◆ **ICO** – International Contractor – currently eight major offshore contractors, which contribute significantly to the association's work through the various committees and workgroups and provide political direction and support through IMCA Council
- ◆ **Co** – Contractor – other marine contractors, active either nationally, regionally or on a global basis
- ◆ **S** – Supplier – companies supplying equipment and services to marine contractors. Also includes some vessel operators with mixed Contractor membership in the Marine Division but as suppliers in the Diving Division, providing vessel services to those acting as diving contractors
- ◆ **S\*** – Training Establishments and Personnel Agencies – companies offering training and personnel services to the offshore sector. Membership does not confer approval on any courses or certificates, but provides access to a wealth of industry guidance
- ◆ **C** – Corresponding – mainly oil companies, but also government agencies, classification societies and related associations which are not represented by IMCA but can benefit from its guidance and being updated on current work and industry developments.

Each member benefits from the core activities (SEL and TCPC) and general IMCA work, and joins in one or more of the four technical divisions relevant to its own operations – Diving, Marine, Offshore Survey and Remote Systems & ROV.

### Get involved

In this edition of Making Waves you can find a variety of ways in which you can get the most out of IMCA.

Here are a few pointers:

- ◆ Ensure your website and recruitment pages are linked from the IMCA directory listings see page 3
- ◆ Register for and circulate details on the 2008 IMCA safety seminar in February see page 4
- ◆ Send in your company materials to help IMCA promote careers in the offshore industry see page 5
- ◆ Discuss how you can work with IMCA on issues being addressed within IMO see page 13
- ◆ Contribute directly by joining a workgroup such as the Security Task Force or Crane & Winch Operations Workgroup see pages 4 and 13

Published quarterly to promote knowledge of safety and technical matters affecting the offshore, marine and underwater engineering industry.

Succinct, positive contributions of potential interest to a wide cross-section of members are welcome.

The views expressed on these pages are those of the respective authors and do not necessarily reflect the policies or positions of IMCA itself.

Editor: **Adam Hugo**  
([Adam.Hugo@imca-int.com](mailto:Adam.Hugo@imca-int.com))



## Changes to publications pricing

IMCA has undertaken a review of its publications catalogue, with the aim of introducing a simplified, consistent pricing structure. This has now been completed, with the results set out in a new-look catalogue.

Many prices have changed, often to a lower level, so those with a copy of a previous catalogue are encouraged to replace it with the version available at [www.imca-int.com/publications](http://www.imca-int.com/publications)

Previous collections of material have also been adjusted, to make it clearer to those wishing to buy, for example, all IMCA guidance on offshore diving, exactly which selections they need to make.

IMCA guidance is being bought and distributed in record quantities. It is hoped that these changes will further help promote the association and its objectives through the spread of key material.

*For any purchase enquiries, please e-mail [publications@imca-int.com](mailto:publications@imca-int.com)*

## Website linking

The online listing of IMCA members at [www.imca-int.com/members](http://www.imca-int.com/members) continues to attract ever greater numbers of visitors. The list can be filtered both by region and divisional membership and is split into the various membership categories described on page 2.

The listing serves a dual purpose: to enable verification of the membership status of a particular company; and also as a route for finding out more about the activities of and services provided by the association's members.

Many members already take advantage of this directory-style listing, with a link established to their company's own website. All new members are offered this opportunity at the point of joining, but perhaps at a time when there is much else to be taken in.

### Dedicated links help focus recruitment leads

Earlier this year, a second listing was added, of direct links to members' recruitment websites/web pages. This has proved popular as a route for those interested in careers in the industry to find out more about specific vacancies or to get information direct from potential employers. Such links are available to all contractor and supplier members. Visit [www.imca-int.com/careers/members/](http://www.imca-int.com/careers/members/) to view the list.

*Any members wishing to add a link to their company website and/or recruitment pages should contact [Adam.Hugo@imca-int.com](mailto:Hugo@imca-int.com)*

## London meeting space available

When not in use for IMCA committee meetings, the boardroom in IMCA's London offices is available for members to use for meetings.

The boardroom seats up to fourteen people and includes a conference-quality speakerphone, private telephone handset and facilities for computer projection. Wireless internet access is also available.

There is no charge to members for use of these facilities and the secretariat team would be pleased to meet with visiting members, where possible, to discuss IMCA's work and issues currently affecting them.

Travel and accommodation details are available to members online, with the secretariat team happy to assist with information on refreshments and catering.

*Please visit <https://members.imca-int.com/core/imca/meet/> for full details or contact [events@imca-int.com](mailto:events@imca-int.com) to make a booking.*



## From the President

The buoyant market we are experiencing in our industry is translating into a continuous increase in the number of IMCA members. This increase leads to further demand for existing

IMCA publications and new guidelines.

We are also seeing an increasing need for qualified diving personnel and note members' emphasis on addressing the shortage of skilled personnel in this area. The Diving Division Management Committee is looking at qualifying new personnel to meet the industry's demand and is considering issues such as initial diver training, how to encourage a more structured approach to the training of diving supervisors and whether additional guidance is needed on dive technicians. We are also very pleased to see that our members are taking seriously the responsibility of attracting new people by significantly increasing the numbers certified.

This is good news but covers only one discipline – there are many other positions in the industry where we will need to do likewise.

IMCA's annual safety statistics show a positive trend. One challenge which is probably not covered by our safety statistics but which is a significant problem is shipyard safety. We have had reports of several worrying situations and tragic accidents from vessels under construction or undergoing work in dry-docks. We don't want to enter into discussion here about who is at fault and who is responsible, but we need to remember that it is our vessels and from time to time our people that we send to the yards and hence we need to ensure a minimum level of safety in order to protect them.

The IMCA annual seminar attracted the largest audience ever and I was delighted to welcome the high level speakers from the operators to kick off the event with their keynote addresses. The topic of *New frontiers in marine contracting* truly covered the huge range of new challenges and made it a great event for all the participants.

**Knut Boe, Technip**  
IMCA President 2007

## News from IMCA's core activities – SEL and TCPC

# Security tops management agenda

Senior management group formed to raise the profile of security issues at high level and support the work of the IMCA Security Task Force on behalf of members



*Attendees gathered at the 5 October security event*

Senior representatives from nine oil and gas contracting companies gathered at Technip's offices in Paris on 5 October for a high-level workshop on security issues.

The workshop was organised in light of a need identified for a professional forum on the subject, which is viewed as a non-competition item.

Around 40 participants discussed common security issues, exchanging information and experiences.

The intention is to pave the way towards a common security culture, including:

- ◆ a common ethic of 'no compromise on security'
- ◆ a transparent approach to communications with staff

- ◆ the need to respect local culture and religion
- ◆ clearly defining client and contractor responsibilities
- ◆ joint technology monitoring
- ◆ more formal co-operation, including establishment of this new group.

The IMCA Security Task Force was identified as a key focal point. Current task force projects include:

- ◆ gangway security
- ◆ business continuity planning
- ◆ contractual issues
- ◆ security posters.

*For more details on these or other security issues, contact Philip.Wiggs@imca-int.com*

## New logbooks

IMCA publishes a range of logbooks to enable offshore personnel to maintain a record of their working experience, plus details of training, competence assessments and other relevant information.

Prompted by requests from members, two further logbooks are now being prepared – for offshore managers and offshore engineers – and are expected to be published early in 2008.

The current range comprises logbooks for the following:

- ◆ Crane operator
- ◆ Dynamic positioning
- ◆ Professional diver
- ◆ Diving inspection
- ◆ Diving supervisor
- ◆ Life support technician
- ◆ Technician
- ◆ Survey personnel
- ◆ ROV personnel.

*To place an order, please contact publications@imca-int.com*

## Safety seminar plans

Registration has opened for the 2008 IMCA safety seminar, which will take place on 12-13 February 2008 at the InterContinental Hotel, Abu Dhabi, UAE.

Following successful events held at major European sporting venues and a seminar in Houston, this event provides an exciting opportunity for members in the Middle East and India region, as well as delegates from all around the world, to come together for a unique opportunity to share safety information and learn lessons both from incidents and successful safety initiatives from each other.

The programme features a range of presentations from different perspectives – contractors and oil companies; management, legal and operational staff – as well as group discussion sessions that have proved highly useful in the past as a means of sharing best practice and prompting new ideas and actions for future work by IMCA.

A safety share fair will also take place, where contractor members are encouraged to bring along their own safety promotion materials for display, enabling delegates to review and discuss successful safety initiatives with each other. Please contact events@imca-int.com for details on participating.

*The full programme and registration brochure are available for downloading now, with full details and online booking available at [www.imca-int.com/events](http://www.imca-int.com/events)*

## Basic safety training – updated guidance

Following consultation and review within both the SEL and TCPC core committees, a revised version of guidance note IMCA SEL 007 has been sent to the Overall Management Committee for approval.

Some of the main areas updated are suggestions for vessel induction of non-marine personnel, which should include a general vessel tour, drills and the use of lifeboats, the permit to work system, waste disposal onboard, operation of watertight doors, and introduction to appropriate local legislation.

The document will be published with a new title – *Guidance on basic safety training and vessel induction for non-marine personnel working offshore* – to reflect the importance of undertaking an induction session for all personnel new to a vessel.

The section on basic safety training has been updated to include practical helicopter underwater escape training (HUET) as well as an introduction to the important aspects of offshore safety, sea survival training, and fire fighting and self-rescue.

## North Sea recognition of safety training certificates

Operator trade associations in Denmark (NSOC-D), the Netherlands (NOGEP), Norway (OLF) and the UK (Oil & Gas UK, formerly UKOOA) recently signed an agreement on mutual recognition of basic safety training that will further help facilitate the free movement of personnel through the four sectors.

Members were briefed via information note IMCA TCPC 13/07, which contained a copy of the agreement, together with a comparison table showing the various differences between national training courses and the additional top-up training required by individuals wishing to work in other sectors.



## HR Specialist Workgroup established

As part of IMCA's ongoing efforts to address the shortages of skilled personnel being faced by members, a new workgroup of human resources (HR) specialists has been established under the TCPC committee, with priority support given by the Overall Management Committee and IMCA Council.

The new workgroup is tasked specifically with identifying actions that IMCA and its members can take to help raise the profile of careers in the marine contracting industry and to attract potential new recruits on a global basis.

Representatives of all eight ICO members and other contractors held meetings in September and October, already identifying and prioritising a long list of potential work items, including:

- ◆ promoting and supporting offshore engineering related courses at university level
- ◆ promoting the industry at careers fairs and holding company and vessel open days
- ◆ expanding the range of careers material available by sharing company leaflets, videos, etc.
- ◆ studying further supply and demand issues, including the reasons why individuals join, stay in and leave the industry
- ◆ liaising with other relevant organisations, sharing initiatives and avoiding duplication of effort
- ◆ liaising with training establishments to share ideas, pool knowledge and set out industry needs.

For more details on the HR Specialist Workgroup, please contact [Hugh.Williams@imca-int.com](mailto:Hugh.Williams@imca-int.com)

## Attracting new recruits to the industry

IMCA has significantly expanded and updated its careers promotion materials in recent months – notably with the excellent *Open your horizons* brochure, as well as with updated careers information sheets and case studies of individuals working in selected offshore roles. Each is available online at [www.imca-int.com/careers](http://www.imca-int.com/careers) with copies available from the secretariat on request for use at careers fairs and other events.

At recent meetings, members have noted the excellent range of material produced by their own organisations and IMCA is keen to promote this more widely. In particular, a number of members have videos and virtual tours of vessels and worksites on their websites. IMCA plans to link to a selection of these from its careers area and is asking members to identify material.

Please contact [Hugh.Williams@imca-int.com](mailto:Hugh.Williams@imca-int.com) for more details.

## IMCA working with Pathfinder International

*Pathfinder International* is helping to promote a route which has been a significant source of recruitment world-wide for IMCA members.

*Pathfinder* is a magazine aimed at serving and former members of the armed forces and defence related industries facing the

transition to civilian employment, as well as anyone facing redundancy or a career change.

The magazine has published several articles prepared by IMCA on the range of careers available offshore.

Full details can be found at [www.pathfinderinternational.com](http://www.pathfinderinternational.com)



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## Regional news

### Americas Deepwater Section

The next meeting of the Americas Deepwater Section is due to take place on 15 November in Houston where, in addition to the regular updates and discussion of IMCA's work in the region and world-wide, guest presentations will cover personnel security, Arctic engineering and warranty surveying. A full report will follow in the next issue.

Meanwhile, the section's various sub-groups remain as busy as ever. The joint SEL/TCPC group in particular has seen a spectacular growth in participation and interest, having recently held a very successful meeting dedicated to the issue of client communication, where oil company representatives gave presentations and discussed safety issues with members. It is now planning a follow-up meeting on regulatory issues, to take place on 16 January. Members are asked to help organise the meeting, by inviting representatives of regulatory organisations and their own in-house legal and compliance staff to give presentations and attend.

The technical sub-groups are also busy addressing a range of issues. The marine group is particularly working on development of guidance on simultaneous operations (SIMOPS), which will then be delivered for world-wide review and publication. The ROV group, meanwhile, is focusing on training and competence needs in the region.

*Any member wishing to get involved in the Americas sub-groups should contact [imca@imca-int.com](mailto:imca@imca-int.com) for full details.*

### Asia-Pacific Section

The latest quarterly meeting of the Asia-Pacific Section took place on 23 August in Kuala Lumpur, Malaysia. Thirty-six members gathered for the early morning session, which included discussion of local issues. Albert Michael of Allied Marine gave an interesting presentation on certification and approval requirements for working in Malaysia for Petronas.

After the morning coffee break, twelve invited guests from local corresponding members (oil companies) and potential new members joined the meeting for a brief overview of IMCA then a series of updates on the current programmes of IMCA's core activities and technical divisions.

Two presentations followed, with IMCA Technical Adviser Nick Hough describing the new *Guidelines for the shared use of sensors for DP and survey*

*operations* and Dr Lee explaining ongoing work through the Asian Hyperbaric and Diving Medical Association (AHDMA) on the medical examination of divers, moving towards recognised international standards.

This was followed by three workshops where members were able to provide input to the current IMCA projects.

The next meeting will take place on Thursday 29 November in Bangkok, to be followed by a golf day for members on the Friday.

#### Annual seminar 2008

The section is already looking forward to later next year, when it will host the IMCA annual seminar for the second time. Plans are at an early stage, but the event will take place on 5-6 November in Kuala Lumpur, Malaysia. More details will follow in the next issue and via the website.

### Europe & Africa Section

IMCA has been a sponsor of the Offshore Europe (OE) exhibition and conference for many years and decided this year to hold a Europe & Africa Section meeting alongside the popular event. This choice encouraged attendance and we were delighted to welcome over 40 members and guests.

As well the usual agenda for the section and updates on the wider IMCA work programme, a specific discussion on the skills shortage was planned.

This was led by Mandy Aitchison of Acergy and Donald Strathdee of Source People. A lively discussion followed, facilitated by a panel including Colin Gibson (Subsea 7), Will Primavesi (Saipem) and Dave McKay (Fugro). The ideas and actions from this meeting will now be taken forward by the new HR Specialist Workgroup described on page 5.

OE itself was a resounding success this year. IMCA was among the exhibitors, with its eye-catching display stand well located among several IMCA

members and vessel operators, which helped attract lots of visitors.

A special focus on recruitment and schools on the final morning, particularly appropriate in the current climate, was well organised and successfully drew much interest and participation.

#### Oceanology International 08

The section's next meeting is now being planned, to coincide with the popular *Oceanology International* exhibition and conference at ExCeL in London on 11-13 March 2008.

Staging section meetings alongside such well attended industry events has proved a successful way of enabling members to participate in association business at the same time as undertaking other company roles.

Also planned at OI is an IMCA ROV seminar, to take place on the afternoon of 12 March (see page 14), as a follow-up to the popular event held in 2006. An IMCA drinks reception for members and guests is planned to close

### Middle East & India Section

As we send out this issue of Making Waves, the Middle East & India Section will hold its third briefing seminar of recent times in Doha, Qatar on 19 November. Following previous events in Abu Dhabi and Dubai, a variety of client guests and potential new members has been invited for a range of presentations on IMCA, its work and other topical issues. A good number of registrations have been received for the event and a full report will follow in the next issue. The quarterly section meeting will take place on the same day.

The next major IMCA event in the region will be the 2008 safety seminar – *Safety excellence in a global environment* – which will take place on 12-13 February in Abu Dhabi (see page 4). This will be preceded on the afternoon of 11 February by a section meeting, which will also be open to all members visiting from other regions.

A future briefing seminar in India is also being considered.



## Who to contact at IMCA:



**Hugh Williams**  
Chief Executive



**Jane Bugler**  
Technical Director



**Philip Wiggs**  
Technical Adviser



**Nick Hough**  
Technical Adviser



**Ian Giddings**  
Technical Adviser



**Paul Evans**  
Technical Adviser

**Vicki Graham**  
Certification Schemes Administrator  
for diving supervisors and LSTs

**Adam Hugo**  
Support Services Manager

**Nina Adams**, Senior Administrator  
- publication sales

**Parul Patel**, Administrator  
- seminars and committee meetings

**Claudine Bleza**, Administrator  
- social events and exhibitions

**Ann Barnatt**, Administrator  
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## Committee Members

To achieve its objectives and deliver its work programme, IMCA relies on elected member representatives who serve on the committees listed below as well as various individuals active on workgroups around the world.

### Overall Management Committee

#### IMCA President and OMC Chairman

Knut Boe, Technip

#### IMCA Vice-President

Johan Rasmussen, Acergy

Hugh Williams, Chief Executive

Jane Bugler, Technical Director

#### Regional Section Chairmen

##### Americas Deepwater

Roy Sijthoff, Helix Energy Solutions Group

##### Asia-Pacific

Andy Bolton, Technip Subsea 7 Asia Pacific

##### Europe & Africa

Ian Stevenson, Technip

##### Middle East & India

Steve MacMillan, J Ray McDermott

#### Committee Chairmen and Vice-Chairmen

**SEL:** Wallace Robertson, Helix ESG  
Dave Forsyth, Bibby Offshore

**TCPC:** John Greensmyth, Technip  
Mark Elder, Subsea 7

**Diving:** Alan Forsyth, Subsea 7  
Derek Beddows, Technip

**Marine:** Pete Somner, Technip  
Pete Fougere, Transocean

#### Offshore Survey:

Will Primavesi, Saipem

Walter Steedman, Subsea 7/Veripos

#### Remote Systems & ROV:

Andrew Beveridge, Fugro-Rovtech

Neil Milne, Subsea 7

### SEL Core Committee

*Chairman:* Wallace Robertson, Helix ESG

*Vice-Chairman:* Dave Forsyth, Bibby Offshore

Norman Smith, Acergy

Jos van der Horst, Heerema Marine Contractors

Mat Schreurs, Heerema Marine Contractors

Finn Brodersen, Maersk Supply Service

Sal Ruffino, Saipem

Alan Forsyth, Subsea 7

Allan Hannah, Technip

Bram Sluiskes, Van Oord

Foeke Tulner, Workshops Contractors

*Americas:* Wayne Seelbach, Helix ESG

*Asia-Pacific:* Des Power, Technip Subsea 7 Asia Pacific

*Middle East & India:* Mohamed Osman, Maridive

### TCPC Core Committee

*Chairman:* John Greensmyth, Technip

*Vice-Chairman:* Mark Elder, Subsea 7

Jennifer Cook, Acergy

Els Geven, Allseas

Steve Sheppard, National Hyperbaric Centre

Darren Bown, Subsea 7

Gavin Smith, Subsea 7

Roy Hay, Technip

Andy Stewart, UK Project Support

*Americas:* Vacancy

*Asia-Pacific:* Mike Kelly, Nautika SeaSafe

*Middle East & India:* Mohamed Omar, INW

### Diving Division Management Committee

*Chairman:* Alan Forsyth, Subsea 7

*Vice-Chairman:* Derek Beddows, Technip

Joar Gangenes, Acergy

Hans Berkhof, Bluestream

Alan Thomas, Cape Diving

Keith Noble, CUEL

Steve Nairn, Helix ESG

Jerry Starling, Integrated Subsea Services

Darren Brunton, KB Associates

David Smith, National Hyperbaric Centre

Norb Gorman, Oceaneering International

Calum Buchanan, RBG

*Americas:* Allan Palmer, Helix ESG

*Asia-Pacific:* RP Singh, Sarku Engineering Services

*Middle East & India:* Steve MacMillan, J Ray McDermott

### Marine Division MC

*Chairman:* Pete Somner, Technip

*Vice-Chairman:* Pete Fougere, Transocean

Arnfinn Vika, Acergy

Alan Allred, Aker Marine Contractors, Inc.

Mike Houdijk, Allseas

Anders Waage, DOF Management

Michiel Goedkoop, Heerema Marine Contractors

David Blencowe, Maersk Supply Service

Geir Karlsen, Subsea 7

Kjell Egil Helgøy, Teekay

*Americas:* Alan Allred, Aker Marine Contractors, Inc.

*Asia-Pacific:* Andy Bolton, Technip Subsea 7 Asia Pacific

*Middle East & India:* Alan Adamson, MENAS

### Offshore Survey Division MC

*Chairman:* Will Primavesi, Saipem

*Vice-Chairman:* Walter Steedman, Subsea 7/Veripos

Ray Morgan, Acergy

Stuart Reid, Andrews Survey

Perry Balls, DeepOcean

Jan Arvid Ingulfson, DOF Subsea

Ian McKenzie, Fugro Survey

Peter Thomas, Maritech

Brian Beard, Noordhoek Offshore

Martin Day, Subsea 7

*Americas:* Stephen Browne, Subsea 7

*Asia-Pacific:* Dave Scott, Fugro Survey Pte Ltd

*Middle East & India:* Darren Male, Fugro Survey Middle East

### Remote Systems & ROV Division MC

*Chairman:* Andrew Beveridge, Fugro-Rovtech

*Vice-Chairman:* Neil Milne

Colin Mackay, Acergy

Massimo Martini, DNT Offshore

John Davies, Global Marine Systems

Mike Arnold, Hallin Marine

David Rhodes, Integrated Subsea Services

Kevin Kerins, Oceaneering International, Inc.

Espen Ingebretsen, Oceaneering International

Keith Robathan, Saipem

John Pirie, Technip

Grant Cowie, TS Marine (Contracting)

*Americas:* Ian Edmonstone, Helix ESG

*Asia-Pacific:* Neil Forbes, Technip Subsea 7 Asia Pacific

*Middle East & India:* Chris Blake, Fugro Survey Middle East

### Regional Section Vice-Chairmen

*Americas:* Tony Duncan, Acergy

*Asia-Pacific:* Mark Shepherd, Mermaid Offshore Services

*Europe & Africa:* Brian Leith, Acergy

*Middle East & India:* Maurice Catt, Halul Offshore Services

## International Contractors

### Aceryg

### Allseas Group

### Heerema Marine Contractors

### Helix Energy Solutions Group

### J Ray McDermott

### Saipem

### Subsea 7

### Technip

## Contractors

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 Adams Offshore Services Ltd  
 Aker Marine Contractors AS  
 Aker Marine Contractors, Inc.  
 Algosaibi Diving & Marine Services  
 Allied Marine & Equipment Sdn Bhd  
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 Andrews Survey  
 Aqua Diving Services  
 Arabian Gulf Mech. Svcs & Ctrg Co.  
 ATCO Ports Mgt & Marine Svcs  
 Atlantic Towing Ltd  
 Bibby Offshore Ltd  
 BJ Services Co (UK) Ltd  
 Bluestream NL bv  
 Bluewater Energy Services BV  
 Boskalis Offshore  
 Bourbon  
 British Antarctic Survey  
 BUE Marine Ltd  
 C&C Technologies Inc.  
 Cal Dive International Pte Ltd  
 Cal Dive International Pte Ltd - ME  
 Cape Diving  
 CCC (Underwater Engineering) SAL  
 CDMS Ltd  
 CH Offshore Ltd  
 Clough Oil & Gas  
 CODERO  
 Combined Diving Inspection Services  
 CTC Marine Projects Ltd  
 CUEL Ltd  
 Dalgidj Private Company  
 DeepOcean  
 Diamond Offshore Drilling Inc  
 DNT Offshore srl  
 Dockwise  
 DOF Management AS  
 DOF Subsea (Australia & Asia Pacific)  
 DOF Subsea Norway AS  
 Dolphin Drilling Ltd  
 Dolphin Offshore Enterprises (India)  
 Dulam International Ltd  
 EDT Offshore  
 EGS (Asia) Ltd  
 Eidesvik AS  
 PT Ekanuri Indra Pratama  
 EMAS Offshore Pte Ltd  
 Fairmount Marine bv  
 Far Eastern Shipping Company  
 Finstaship  
 Five Oceans Services GmbH  
 LLP FSOS  
 Fugro Marine Services bv  
 Fugro-Rovtech  
 Fugro Survey (India) Pvt Ltd  
 Fugro Survey (Middle East) Ltd  
 Fugro Survey (Singapore) Pte. Ltd  
 Fugro Survey Ltd  
 GB Diving BV  
 Geo Century Ltd  
 GeoLab srl  
 Global Industries Asia Pacific  
 Global Industries Ltd  
 Global Marine Systems Ltd  
 GOGAS Gulf Oil and Gas LLC  
 Great Offshore Ltd  
 Gulf Dredging & General Contracting  
 Gulf Marine Services  
 Gulf Offshore (North Sea) Ltd  
 Gulmar Offshore Middle East LLC  
 Halani Shipping Pvt Ltd  
 Hallin Marine  
 Halul Offshore Services Company  
 Harbor Star Shipping Services, Inc.  
 HEISCO  
 Horizon Survey Company (FZC)  
 Hull Support Services Ltd  
 Huta Marine Works Ltd  
 Inchcape Shipping Services  
 Integrated Subsea Services Ltd  
 Intl Marine Works - Alexandria  
 Intl Naval Works - Abu Dhabi  
 IRSHAD  
 Island Offshore Management AS  
 Jumbo Offshore VoF  
 Lamnalco Group  
 PT Lancar Rejeki Berkas Jaya  
 LD Travocean  
 Louisiana Overseas Inc  
 Maersk Supply Service  
 Maridive & Oil Services (SAE)  
 Maridive Offshore Projects  
 Marine Consulting  
 Marine Logistics Solutions (MarSol)  
 Marine Survey & Services Intl  
 Master Tech Diving Services  
 Med Marine  
 MENAS  
 Mermaid Marine Australia Ltd  
 Mermaid Offshore Services Ltd  
 Mohn Drilling AS  
 Mutawa Marine Works Est  
 Nexans Norway AS - Energy Division  
 NICO Middle East Ltd  
 Noordhoek Offshore BV  
 Northern Marine Management Ltd  
 NPCC Survey  
 Ocean Works Asia Inc.  
 Oceaneering International (UK)  
 Oceaneering International Asia Pacific  
 Oceaneering International Inc.  
 Oceanteam 2000 Ltd  
 Oceanteam Power & Umbilical Ltd  
 Offshore Geo-Surveys Sdn Bhd  
 Offshore Oil Eng. Co. Ltd (COOEC)  
 Offshore Subsea Works Sdn Bhd  
 Offshore Technology Solutions Ltd  
 Olympic Shipping AS

OSM Schifffahrt GmbH & Cie KG  
 OSM Ship Management AS  
 Pacific Richfield Marine Pte Ltd  
 PT Patra Dinamika  
 Pelican Offshore Services Pte Ltd  
 Petra Resources Sdn Bhd  
 Petroleum Marine Services Company  
 PFCE Ocean Engineering Sdn Bhd  
 Pride International  
 Prosafe Offshore Ltd  
 Rana Diving & Marine Contractor srl  
 RBG Ltd  
 REM Offshore AS  
 Riise Underwater Engineering AS  
 Rolv Berg Drive AS  
 Sahara Petroleum Company  
 Saipem sa - Saibos Division  
 PT Samudera Biru Nusantara  
 Sapura Diving Services Sdn Bhd  
 Sarku Engineering Services Sdn Bhd  
 SAROST SA  
 SBM Offshore NV  
 Seacor Marine (International) Ltd  
 Seadrill Management AS  
 Seahorse Services Co. Ltd  
 Sealion Shipping Ltd  
 SEAMEC  
 Seaway Heavy Lifting Engineering BV  
 Seaways International LLC  
 Secunda Marine Services Ltd  
 Siem Offshore AS  
 SMIT  
 SMIT Subsea  
 SMIT Terminals Middle East LLC  
 Solstad Shipping AS  
 Stapem Offshore SA  
 Stena Drilling Ltd  
 Submersible Television Surveys Ltd  
 Subsea 7 Asia Pacific  
 Subsea Petroleum Services  
 Subtec Middle East Ltd  
 Superior Offshore International  
 Superior Offshore Intl SA (Pty) Ltd  
 Svitzer  
 Swire Pacific Offshore Operations  
 Technip Subsea 7 Asia Pacific  
 Technip USA, Inc.  
 Technocean AS  
 Teekay Norway AS  
 Tideway Marine & Offshore  
 Timsah Shipbuilding Company  
 TL Geohydrographics Sdn Bhd  
 Total Marine Technology Pty Ltd  
 Transocean  
 Troms Offshore AS  
 TS Marine (Contracting) Ltd  
 TS Marine Pty Ltd  
 Underwater Services Company  
 URS nv  
 Van Oord  
 Vastalux Sdn Bhd  
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 Workshops Contractors BV  
 Zakher Marine International

## Suppliers

### Suppliers of equipment

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 Air Products Singapore Pte Ltd  
 Analox Sensor Technology Ltd  
 Ashtead Technology (SEA) Pte Ltd  
 Bibby Offshore Ltd  
 Bourbon  
 Bridon  
 Brunvoll AS  
 Chesterfield Special Cylinders Ltd  
 Circle Technical Services Ltd  
 Comanex SAS  
 Convertteam Ltd  
 CUEL Ltd  
 Cynergetix Pte Ltd  
 Divex Asia Pacific  
 Divex FZE  
 Divex Ltd  
 Dominion Gas  
 Dominion Gas Asia Pte Ltd  
 Dräger Safety  
 Drass Galeazzi Underwater Technology  
 Franklin Offshore International Pte Ltd  
 Global Gas Supplies Pte Ltd  
 Global Gases & Chemicals FZCO (Dubai)  
 Global Gases Group (Singapore) Pte Ltd  
 Great Offshore Ltd  
 Guidance Navigation Ltd  
 Halani Shipping Pvt Ltd  
 Hydra Marine (Pty) Ltd  
 Hyperbaric Technology BV (Hytech)  
 JW Automarine  
 Kenz Figee BV  
 Kirby Morgan Dive Systems  
 Kongsberg Maritime AS  
 Kongsberg Maritime Ltd  
 L-3 Communications  
 Lexmar Engineering Pte Ltd  
 Measurement Devices Ltd  
 Modern Computing Services (MCS)  
 Nautronix plc  
 Navis Engineering Oy  
 Offshore Joint Services  
 Offshore Logistics (Asia Pacific) Pty Ltd  
 Pacific Commercial Diving Supply Pty Ltd  
 Perry Slingsby Systems, Inc.  
 Perry Slingsby Systems Ltd  
 Rolls-Royce Oy Ab  
 Rolv Berg Drive AS  
 ROV Supply Pte Ltd  
 Saab Seaeye Ltd  
 SBM OffshoreNV  
 Schilling Robotics LLC  
 Sea and Land Technologies Pte Ltd  
 Seaflex Ltd  
 Sealion Shipping Ltd  
 Seatools BV  
 Serimax Ltd  
 Sonardyne Asia Pte Ltd  
 Sonardyne International Ltd  
 Subsea Vision Ltd  
 The Tritanium Company  
 Unidive Marine Services Pte Ltd  
 Unique System FZE  
 Veripos  
 Vroon Offshore Services Ltd

### Suppliers of services

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 Advanced Marine Pte Ltd  
 PT Advanced Oil & Gas Consulting  
 Air Products Singapore Pte Ltd  
 Anglo-Eastern Group  
 Anglo-Eastern Group (Asia-Pacific)  
 Auto Dynamic Positioning Services  
 Bachrach & Wood  
 Blade Offshore Services Ltd  
 C-MAR Services (UK) Ltd  
 Construction Specialists Ltd (CSL)  
 DOWC  
 Electrical Power Engineering Ltd  
 Falconer Bryan Pte Ltd  
 Franklin Offshore International Pte Ltd  
 Global Gas Supplies Pte Ltd  
 Global Maritime



Goodrich, Riquelme y Asociados, AC  
GTC Group  
Houlder Insurance Services Ltd  
Imes Ltd  
Independent Risk Solutions BV  
KB Associates Pte Ltd  
Lexmar Engineering Pte Ltd  
London Offshore Consultants Ltd  
Marine Cybernetics  
Matthews-Daniel  
Modern Computing Services (MCS)  
Nautika SeaSafe Ltd  
Nautronix plc  
Navigare International Inc.  
Noble Denton Consultants Ltd  
Noble Denton Marine, Inc.  
Noble Denton Middle East Ltd  
Noble Denton Singapore Pte Ltd  
NUI AS  
Offshore Commissioning Solutions  
Offshore Joint Services  
OTECH Marine Services AS  
PAE Singapore Pte Ltd  
Perry Slingsby Systems Ltd  
Petroleum Development Consultants  
Poseidon Maritime (UK) Ltd (PML)  
Promarine Ltd  
QinetiQ Ltd  
Rolls-Royce Power Engineering plc  
Schilling Robotics LLC  
Sebastian AS  
Subsea Vision Ltd  
Thome Offshore Management Pte Ltd  
The Tritanium Company  
Velosi Certification Bureau Ltd  
Veripos  
Vroon Offshore Services  
Wavespec Ltd

#### Training establishments

AI Safety Training Consultants (1995) Ltd  
Aberdeen Skills & Enterprise Training Ltd  
Alesund University College  
Banff & Buchan College  
PT Barron International  
Bergen University College - Diver Ed.  
Bibby International Services Group Ltd  
Centre for Marine Simulation  
CFO - Centro Formazione Offshore  
Commercial Diving Academy  
De Moura Shipping Ltda  
Delphinus Services - ROV Training  
Divers Academy International  
Divers Institute of Technology  
Diving Diseases Research Centre  
The DP Centre Singapore  
Ecole Nationale de la Marine Marchande  
Falck Nutech bv  
Force Technology  
Fundação Homem do Mar  
Global Marine Systems - Subsea Training  
Holland College - Georgetown Centre  
Holland College - Marine Training Centre  
Hydrolab-HydroCAT  
IDESS Maritime Centre (Subic), Inc.  
INPP  
The Institute of ROVs  
Interdive Services Limited  
KBA Training Centre Pte Ltd  
Kirby Morgan Dive Systems  
Lowestoft College  
Maritech Group  
Maritime Institute Willem Barentsz  
Maritime Training & Competence Solutions  
MOG Industry Training Co. Ltd  
National Hyperbaric Centre Ltd  
National Oceanography Centre  
National Polytechnic College of  
Engineering and Oceaneering  
Netherlands Diving Centre  
Offshore Skills Training Centre (OSTRAC)  
The Ocean Corporation  
PetroVietnam Manpower Training College  
Poseidon Maritime (UK) Ltd (PML)  
Power & Generation Services  
Professional Diving Academy  
Professional Diving Centre  
Satakunta University of Applied Sciences  
PT SBS Indonesia  
SEATAG Offshore Ltd  
Seneca College - Underwater Skills Prog.

Ship Manoeuvring Simulator Centre  
SMTC Global Inc.  
Stord/Haugesund University College  
SubNet Services Ltd  
The Underwater Centre Fort William  
The Underwater Centre Fremantle  
The Underwater Centre (Tasmania)  
Underwater Engineering Ltd  
WA Maritime Training Centre - Fremantle  
West Coast Commercial Diving School

#### Personnel agencies

Ace Diving Services CC  
Amberjack Oil & Gas Recruitment Svcs  
Aqua Omega Services Pvt Ltd  
PT Bahana Galang Jaya  
Dave Oliver Hydrographics Services  
De Moura Shipping Ltda  
DOOR International BV  
Hydrosud Ltd  
Maritech Group  
Oceanscan Ltd  
Offshore Marine Services Pty Ltd  
Oilfield Medics UK Ltd  
Petrolis SA  
PR Offshore Services Ltd  
Seatek India  
SubNet Services Ltd  
SubServPro  
Superior Subsea Personnel Services  
Total Marine Services  
UK Project Support Ltd  
Underwater Engineering Ltd

#### Naval units

Royal Saudi Navy Forces  
Salvage & Marine Operations IPT  
Superintendent of Diving (UK)

#### Corresponding Members

Abu Dhabi Marine Operating Company  
Agip Kazakhstan North Caspian Op. Co.  
AISI  
Azerbaijan International Operating Co.  
Bapco - The Bahrain Petroleum Co.  
BG Group  
BHP Billiton  
BHP Billiton (Americas)  
BP America Production Company  
BP Exploration Operating Company Ltd  
BP Shipping  
BP West Java Ltd  
Brunei Shell Petroleum Company  
Cairn Energy India Pty Ltd  
Chevron Shipping Co.  
Chevron Thailand E&P Ltd  
CNR International UK Ltd  
ConocoPhillips China  
ConocoPhillips Indonesia  
ConocoPhillips (UK) Ltd  
Dana Petroleum plc  
Det Norske Veritas  
Esso Australia Pty Ltd  
GDF Production Nederland bv  
Gulf of Suez Petroleum Company  
Health & Safety Authority  
Kuwait Oil Company  
Maersk Oil Qatar AS  
Mobil North Sea Ltd  
Murphy Sarawak Oil Co. Ltd  
Nederlandse Aardolie Maatschappij BV  
Nexen Petroleum UK Ltd  
Oil & Natural Gas Corporation Ltd  
Petro Canada - Terra Nova Project  
Petrobras SA  
Premier Oil Natuna Sea Ltd  
PTT Exploration & Production plc  
Sarawak Shell Berhad  
Shell International E&P BV  
Shell Petroleum Dev. Co. of Nigeria Ltd  
Shell Todd Oil Services Ltd  
Sonangol Pesquisa & Produção  
Talisman Energy (UK)  
Total Exploration & Production  
Total Austral (Argentina)  
Total E&P Nederland BV  
Total E&P UK plc  
Wintershall Noordzee BV  
Woodside Energy Ltd  
Zakum Development Company

#### IMCA welcomes the following new members:

##### ◆ 32Group Mid-Water LLC

##### ◆ Adams Offshore Services Ltd

##### ◆ BP Shipping

The centre of marine expertise for the BP group, BP Shipping (BPS) has recently celebrated its 92nd year of operation. The company operates a fleet of almost 200 vessels, primarily tankers carrying hydrocarbons in bulk, with the BP-owned fleet average hull age being less than three years. The company comprises approximately 4000 seafarers and 400 shore staff, with primary offices in London, Houston, Chicago and Singapore.

Web: [www.bpshipping.com](http://www.bpshipping.com)

##### ◆ Bridon

Bridon is a specialist manufacturer of wire and rope solutions, with a range of high specification ropes for demanding applications including drilling lines, riser tension lines, anchor lines, mooring tethers, SPM and tandem offloading moorings and deepwater handling equipment. Detailed technical support, engineering, project management and service personnel are offered through design, specification, manufacture, supply, commissioning and maintenance.

Tel: +44 (0) 1302 344 010

Web: [www.bridon.com](http://www.bridon.com)

##### ◆ CH Offshore Ltd

CH Offshore Ltd, a Singapore-based public-listed company, operates a fleet of 17 anchor handling tug/supply (AHTS) vessels with bollard pull ranging from 50 tonnes to 150 tonnes, with a further six DP2 vessels capable of working in deep waters under construction. In the past 30 years and more, it has served most oil majors and other customers throughout the Asia-Pacific and Middle East regions.

Tel: +65 6861 1711

Web: [www.choffshore.com.sg](http://www.choffshore.com.sg)

##### ◆ Chesterfield Special Cylinders Ltd

Chesterfield Special Cylinders Ltd designs and manufactures high pressure seamless steel cylinders (APVs) for the semi-submersible offshore oil rig and diving support sectors. Capacities are available up to 2600 litres water volume with typical working pressures up to 350 bar. A complete service is offered, including supply of all peripheral components such as mounting boxes, valves, pressure relief valves and fittings.

Tel: +44 (0) 114 242 7500

Web: [www.chesterfieldcylinders.co.uk](http://www.chesterfieldcylinders.co.uk)

##### ◆ Dockwise

The Dockwise group of companies is one of the world's leading integrated heavy lift services providers. It currently owns a fleet of 22 vessels and is able to transport the heaviest cargos over vast distances. The group provides its customers with high value added services such as engineering, project management and front-end engineering design, particularly in the transportation and installation of offshore structures business.

Tel: +31 (0) 76 548 4100

Web: [www.dockwise.com](http://www.dockwise.com)

##### ◆ Dominion Gas

##### ◆ Dominion Gas Asia Pte Ltd

##### ◆ Eidesvik AS

##### ◆ Guidance Navigation Ltd

##### ◆ Halani Shipping Pvt Ltd

##### ◆ Harbor Star Shipping Services, Inc.

##### ◆ Inchcape Shipping Services

##### ◆ REM Offshore AS

##### ◆ Seatek India

##### ◆ Seaways International LLC

##### ◆ Stena Drilling Ltd

##### ◆ Superior Offshore International

##### ◆ Thome Offshore Management Pte Ltd

##### ◆ Troms Offshore AS

Troms Offshore AS operates a modern fleet of offshore service vessels and special purpose vessels, employed to support the oil and gas industry and research programmes world-wide. Based in Tromsø, the development of the oil and gas industry in the Barents Sea is of special interest for the company, together with developing its relationships with Russian companies.

Tel: +47 77 67 99 50

Web: [www.tromsoffshore.no](http://www.tromsoffshore.no)

#### Recent name changes

- ◆ Geoconsult AS is now DOF Subsea Norway AS

# You may have missed ...



This summary of recent IMCA documentation keeps all members updated on activities throughout IMCA. If you would like to receive a copy of any document, or for further information, please contact the secretariat.

## New publications:

- ◆ **Guidelines for lifting operations** (IMCA SEL 019/M 187)
- ◆ **IMCA International Code of Practice for Offshore Diving** (IMCA D 014 Rev. 1)
- ◆ **Diver-based concrete mattress handling, deployment, installation, repositioning and decommissioning** (IMCA D 042)
- ◆ **The shared use of sensors for DP and survey operations** (IMCA S 010 Rev. 1)

## Safety flashes:

- ◆ **Safety flash 07/07** - covering 5 incidents: Wire inserts in anchor line parted; Failure of chamber door hydraulic actuator; Failure of chamber door spindles and seals; Loss of subsurface buoys; Failure of air lift bag attachment points
- ◆ **Safety flash 08/07** - covering 1 incident: Failure of welding on hyperbaric rescue chamber medical lock door assembly
- ◆ **Safety flash 09/07** - covering 4 incidents: Pinch points on wires – hand safety; Uncontrolled lifts of hinged deck hatches; Lifting rigging on Frog personnel transfer capsule; Confined space fatality.

## Information notes:

### Safety, Environment & Legislation (SEL)

- IMCA SEL 11/07** - Anchor handling: New guidelines arising from the loss of the Bourbon Dolphin
- 12/07 USA offshore passport and personnel identification: Western Hemisphere Travel Initiative (WHTI): Update
- 13/07 UK Corporate Manslaughter and Corporate Homicide Act 2007

### Training, Certification & Personnel Competence (TCPC)

- IMCA TCPC 12/07** - USA offshore passport and personnel identification: WHTI: Update
- 13/07 Basic safety training: North Sea mutual recognition agreements

### Diving Division

- IMCA D 08/07** - Renewal of diver medic certification
- 09/07 Medical examination of divers: Asia-Pacific initiative
- 10/07 Diving activity statistics for 2006: North Sea
- 11/07 Minimum supervisory requirements for offshore diving operations carried out on the UK continental shelf: Revised guidance
- 12/07 IMCA International Code of Practice for Offshore Diving (ICoP): Gulf of Mexico appendix
- 13/07 IMCA ICoP: Middle East appendix
- 14/07 IMCA ICoP: UK appendix

### Marine Division

- IMCA M 14/07** - Consideration of chart source data in passage planning and execution
- 15/07 Anchor handling: New guidelines arising from the loss of the Bourbon Dolphin
- 16/07 USA offshore passport and personnel identification: WHTI: Update
- 17/07 Rolls-Royce marine anchor handling/towing winches
- 18/07 *General thruster specification and bid information questionnaire*: Proposed withdrawal of guidance note IMCA M 137 Rev. 1
- 19/07 *Common Marine Inspection Document*: Correction to Issue 6

### Remote Systems & ROV Division

- IMCA R 04/07** - Election results: Remote Systems & ROV Division Management Committee

If you aren't receiving documents that you think should have been sent to you, please contact the secretariat to check your representation and contact records so that we can keep you up to date:

[imca@imca-int.com](mailto:imca@imca-int.com)



## IMCA Annual Seminar 2007 – Paris

### Paris seminar breaks records

Over 350 delegates gathered at the Paris Rive Gauche Hotel & Conference Centre on 6-7 November for the 2007 IMCA annual seminar.

A wide range of participants included offshore and onshore management and operational staff, together with specialist consultants, oil company representatives and regulators.

This year's theme was *New frontiers in marine contracting* and presentations covered a wide range of subjects from new technological developments through to the challenges raised by the current skills shortage.

Ian Stevenson, Chairman of the IMCA Europe & Africa Section, welcomed delegates to the event and introduced what proved to be an excellent session of keynote presentations. IMCA President Knut Boe (Technip) noted that, while the market

was the most buoyant it had been for 25 years, there were a number of challenges facing the industry, including recruitment of skilled personnel to sustain the industry into the future, security of personnel and operations and increasing complexity as operations move into ever deeper waters. Tim Bass of BP continued with an overview of contracting with an oil super-major. Antoine Serceau of Total highlighted the need for competent staff, while Subhash Varma of Reliance Energy set out the challenges and opportunities presented to those marine contractors active in Indian waters.

The conference then split into dedicated marine and diving sessions on more specialised technical matters, which were discussed further in the afternoon workshops, with a similar pattern of technical presentations and workshops followed on day two.



*Ian Stevenson, IMCA President Knut Boe and Hugh Williams with keynote speakers Tim Bass, Subhash Varma and Antoine Serceau*

Notable topics presented and discussed included use of the Common Marine Inspection Document, wire rope discard criteria (see below), dive competence, medical support needs, rock dumping in deep waters, the technical challenges associated with decommissioning and the latest developments in personal and saturation diving equipment.

The seminar was very well received by delegates, with interesting presentations, constructive debate and wide-ranging discussions. A CD of the presentations and summaries is being prepared.

The 2008 event is already being planned, with a very high standard having been set for it to beat in Paris. Join us on 5-6 November in Kuala Lumpur for more!

### Biggest ever exhibition too

Sixteen companies participated in the seminar exhibition, held in the magnificent foyer also used for the coffee and meal breaks, where delegates were able to browse and learn about the range of latest products and services, as well as networking with friends and colleagues old and new.

Those taking part were Abermed, C-MAR and The DP Centre, Converteam, Divex, Drass Galeazzi, Fugro Seastar, Hytech, INPP, Kongsberg Maritime, Marine Cybernetics, National Hyperbaric Centre, Noble Denton, Poseidon Maritime (PML), Serimax, Sonardyne and Veripos.



*Claudine Bleza and Jane Bugler manning the IMCA stand*

### Taking expert input onboard

An example of how IMCA uses its events to feed into its work programme was provided by the well-attended workshop on wire rope discard criteria.

Initial debate centred on criteria for diving bell hoist ropes, which required an ultimate strength test to be carried out and the rope discarded if the minimum breaking load had reduced by 10% or more from new.

An interpretation two years ago was that this should be applied to the actual breaking load of all wire rope, leading to the formation of a cross-industry workgroup involving contractors, manufacturers and regulators.

By gaining expert input from those involved in a variety of operations around the world, the workgroup has much more to work with as it aims to develop industry guidance on the topic.

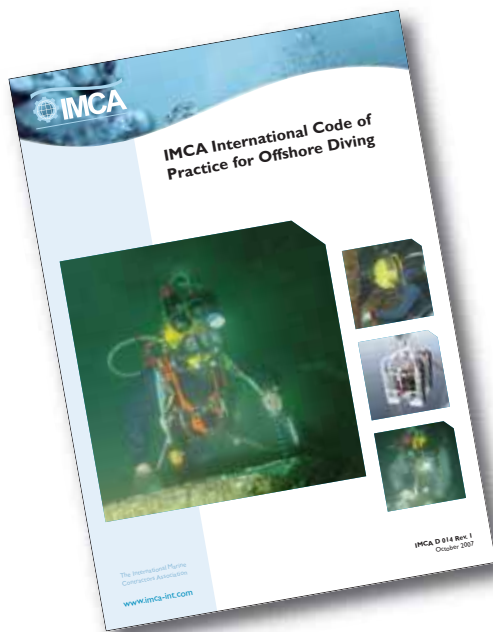
### Social programme

The seminar's social programme included a drinks and buffet reception on the preceding evening, a river boat cruise and dinner on the Seine and a closing drinks reception on the 56th floor of the Tour Montparnasse, providing spectacular views of the French capital.





## Diving Division



### Diving code updated

The new edition of the *IMCA International Code of Practice for Offshore Diving* (IMCA D 014 Rev. 1) has now been published.

Since its original issue in 1998, the code has been adopted widely by diving contractors and their clients around the world, particularly in areas with little or no national regulation, as an appropriate basis for undertaking safe and efficient offshore diving operations.

The code has been fully reviewed and updated to reference additional IMCA/industry guidance and reflect developments in technology and operational practice.

Produced in IMCA's updated glossy illustrated format, copies are available for purchase in printed form priced £15 (members)/£30 (non-members) or as a free download for members.

### Verification of diver certificates

IMCA has been alerted by the UK Health & Safety Executive (HSE) to an increasing number of cases where divers have used, or attempted to use, falsified qualifications gain employment or as a prerequisite for further training.

This has obvious safety implications and HSE has set out the following recommendations for diving contractors to reduce their chances of employing a diver who does not hold an appropriate qualification:

- ◆ When employing a diver for the first time, look carefully at certificates and logbooks – forgeries have often been found to be poor quality
- ◆ Follow up references or contact previous employers
- ◆ Check certificates against other photo ID, e.g. passports
- ◆ Check against lists of invalidated certificates
- ◆ If in any doubt, contact the issuing body. Information note IMCA D 06/05 sets out contact details for HSE and all IMCA-recognised bodies.

### Supervisors

Much has been written about the shortages of skilled personnel being faced by members around the world. A particularly acute shortage is in relation to diving supervisory personnel and IMCA recently facilitated a workgroup of senior diving/HR personnel from its contractor members.

One particular aspect related to UK regulatory requirements, where discussions involving HSE resulted in the clarifications set out in information note D 11/07.

A further note is being prepared setting out example company procedures for identifying, supporting and putting forward candidates for IMCA exams.

### Diving medicals

IMCA has received reports and examples of diving medical certificates or endorsing rubber stamp marks bearing IMCA's name, logo or reference.

IMCA is pleased to support its members by publicising regional agreements between them to jointly recognised doctors, but IMCA is not involved in approval of doctors and any such materials should be withdrawn and replaced. The individual medical examinations themselves remain valid, however, and do not need to be repeated if undertaken by a company-recognised doctor.

For any enquiries on this issue contact Jane.Bugler@imca-int.com



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- ◆ Project HAZIDs
- ◆ Arbitration

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- ◆ Client representatives
- ◆ Diving co-ordination
- ◆ Inspection personnel
- ◆ SDPO and DPO
- ◆ Diving system FMEA
- ◆ HES environmental testing

#### Training

- ◆ IMCA diver medic (DMT)
- ◆ IMCA diver medic refresher
- ◆ IMCA trainee air and bell diving supervisor
- ◆ IMCA assistant life support technician
- ◆ IMCA exam refresher
- ◆ NEBOSH international general certificate
- ◆ IOSH managing safely
- ◆ IOSH working safely
- ◆ Risk assessment
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## Marine Division

### IMO opportunities

IMCA seeks to give members the full benefit of its observer status within the International Maritime Organization through briefing, representation and more

In 1999, IMCA was granted non-governmental observer status by the International Maritime Organization (IMO).

This status has provided the opportunity for IMCA to attend meetings of IMO's various committees, with the secretariat's experienced technical personnel hearing and contributing to discussions that could affect members' operations.

The benefits of observer status have been clear:

- ◆ Involvement at the discussion and drafting stage, both at IMO meetings and through correspondence groups, has enabled IMCA to help inform and shape international regulatory developments, based on its members' experience
- ◆ Members receive briefing, through both dedicated alerts on specific high-priority issues and periodic general updates, on a broad range of topics being considered at IMO
- ◆ IMCA has had the opportunity to submit and promote acceptance of important guidelines, such as *The training and experience of key DP personnel* (IMCA M 117 Rev. 1), thus promoting industry self-regulation

IMCA is keen to use the benefits of observer status to the full and would welcome requests from members who wish to be directly involved in a particular issue where they can contribute expertise, either via correspondence or by joining the IMCA delegation at IMO for relevant meetings.

One of the current issues of high interest is the review of the STCW code, which will commence in February 2008 in the IMO Standards of Training and Watchkeeping sub-committee.

Please contact [Philip.Wiggs@imca-int.com](mailto:Philip.Wiggs@imca-int.com) if there is a specific issue you wish to follow or you have particular input to give.

### DP drilling trials

The use of the traditional annual DP trial, where tests are carried out at a specific time once a year, has not been widely accepted and taken up for mobile offshore drilling units (MODUs) as their continuous work does not usually provide suitable non-operational periods that can be used for such an approach.

IMCA is currently consulting on draft guidelines setting out how the programme of trials could be performed incrementally throughout the year.

Once the MODU guidelines are published, IMCA will be updating its existing DP trials guidance, but will maintain the preference for one-stop trials for other vessels.

### IMCA M 103 update

An updated version of the Marine Division's key *Guidelines for the design and operation of DP vessels* (IMCA M 103) is currently being finalised and should be published by the end of this year.

The update reflects technological developments since the previous (1999) issue of the guidelines, which are widely used around the industry.

It is intended to carry out a more radical restructuring and revision of the guidelines during 2008, for which members' input would be welcome.

For more information on the review, contact [Ian.Giddings@imca-int.com](mailto:Ian.Giddings@imca-int.com)

### Lifting workgroup reaches first goal

Now that it has completed the IMCA *Guidelines for lifting operations* (see cover), the Marine Division's Crane & Winch Operations Workgroup has turned its attention to the rest of its extensive work programme.

Key items on its agenda include:

- ◆ finalisation of guidance on operational communications in lifting - a second volume following that on bridge-to-diver control issued in 2005 (IMCA M 175)
- ◆ review of IMCA guidance on competence assurance and assessment for lifting-related positions, together with other training and competence issues
- ◆ crane testing guidance
- ◆ oversight of groups considering wire rope discard criteria (aiming at extending the guidance in IMCA SEL 012) and chain lever hoists, in the light of failures experienced by members.

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## Offshore Survey Division

### Shared use of sensors

The IMCA *Guidelines for shared use of sensors for DP and survey operations* published earlier this year have been revised and are now available with the reference IMCA S 010 Rev. 1.

The guidelines aim to complement the earlier publication on sharing of DGPS (IMCA S 009) and to assist those involved in DP and survey operations by identifying the various issues – technical, operational, classification society-driven and contractual – raised by sharing of sensors.

Following the initial publication, useful feedback has been received from members. This was submitted to the Offshore Survey and Marine Division Management Committees, which have worked to produce this revised version.

A number of small changes to the wording have been incorporated throughout the document, aiming to improve clarity and the user-friendliness of the guidelines. The underlying conclusions of the document, which provide guidance for use at all levels where shared operations may be considered, are unchanged.

### New and updated guidance on DGPS systems

The Offshore Survey Division is currently working on two separate projects aimed at updating and extending IMCA guidance on DGPS systems.

Guidelines on the installation and use of DGPS are being developed. This work began following the presentation and workshop at the 2007 IMCA annual seminar in Copenhagen.

A scope of work is also being drafted for the preparation of

guidance on DGPS specification, intended as an update of the 1997 document IMCA M 141 – *Guidelines on the use of DGPS as a position reference in DP control systems*. It is intended that a third-party consultant will be commissioned to draft the new version.

For more information on these projects, please contact Nick.Hough@imca-int.com

## Remote Systems & ROV Division

### New faces in IMCA's ROV committee

Andrew Beveridge of Fugro-Rovtech is the new Chairman of the Remote Systems & ROV Division Management Committee, following the recent election.

Neil Milne of Subsea 7 has taken over his previous role of vice-chairman. Both will also serve on the Overall Management Committee, reporting from and representing the division and its members within wider discussions and decision making.

The election and subsequent co-option have brought a number of new faces to the committee, adding fresh ideas and international perspectives. The new members are Massimo Martini of DNT Offshore (Italy), Mike Arnold of Hallin Marine (Singapore/UK) and Grant Cowie of TS Marine (UK/Australia).

Our thanks to those who served on the committee over the previous two years and to all who stood or otherwise participated in the election.

### IMCA planning ROV seminar at OI08

Following the success of a similar event held in 2006, IMCA is planning to hold a seminar on ROV issues alongside the popular Oceanology International (OI08) event next March at ExCeL in London, UK.

Plans are at an early stage, but it is intended to hold the seminar on the afternoon of 12 March (the middle day of the OI event), lasting around two hours and including presentations and discussion on a range of topical issues. The seminar will close with a drinks reception for delegates and other invited guests.

Members are invited to submit suggestions for topics, papers and speakers to Jane Bugler, IMCA Technical Director. Suggestions already put forward include dynamic positioning for ROV operations, robotic convergence and metocean measurement and monitoring.

For more details on OI visit [www.oceanologyinternational.com](http://www.oceanologyinternational.com)

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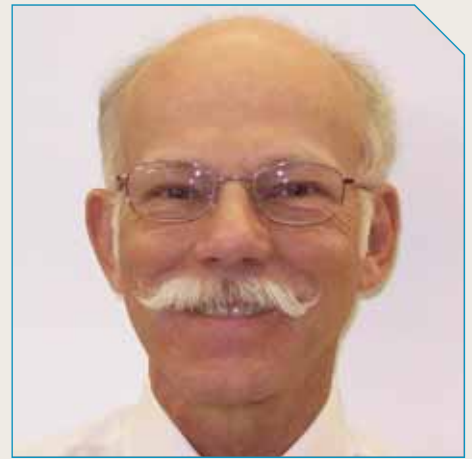
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## Spotlight on Pete Fougere

Pete Fougere is a Senior Engineering Manager with Transocean and serves as Vice-Chairman of the IMCA Marine Division Management Committee. In this article, he discusses his 'day job' and provides a personal insight into the work his committee is currently undertaking on behalf of members.



### Please tell us about your company and what it does

Transocean is the world's largest offshore drilling contractor, with a fleet of 82 mobile offshore drilling units.

The company's fleet, consisting of a large number of high-specification deepwater and harsh environment drilling units, is considered one of the most modern and versatile in the world due to its emphasis on technically demanding segments of the offshore drilling business. The fleet currently includes 20 DP MODUs, with eight more under construction.

I am particularly proud of Transocean's management for their support for technical leadership and for DP excellence.

### What is your current role within Transocean?

I am a member of the Core Expertise group in Engineering. As such, I provide technical leadership, mentoring, and engineering quality assessment. Also, I often have several projects of my own, most often related to DP reliability or to

establishment of key technical standards, both within the company and industry. The latter enables me to contribute to the formation and review of IMCA guidance documents.

### Tell us a little about your career and how you got to your current role

I have worked in the offshore drilling industry for 31 years, first with a European drilling contractor and since 1984 with Transocean, as Engineering Discipline Manager for Power and Controls. I have been in my current job as Senior Engineering Manager since 2003. One of the highlights in my career was being awarded the Transocean FIRST Excellence award in 2000. That award is given to employees who live out our core values of FIRST (Financial discipline, Integrity, Respect and Technical leadership).

**The Marine Division features a growing range of contractors – construction, drilling, offshore support and more. What attracts such a diverse membership?**

One thing that helps is that much of the guidance set out in IMCA's documents is quite applicable over a wide range of vessel applications, as well as being useful over a broad range of company size. IMCA tries to serve the marine contracting community worldwide.

### What do you see as the key areas affecting the industry at the moment?

The rise in utilization and acceptance of DP by our clients is very significant but brings with it very high expectations of DP reliability. Vessel owners are making use of improvements to design, procedures and training to meet the expectations of the clients. The expansion of the industry, with associated dilution of experience, has raised the criticality of recruitment, training and assessment activities.

### How can these issues be taken forward?

IMCA is active in these areas by improving guidance documents or by new documents that address rising issues, for example the

revision of M 103 – *Guidelines for the design and operation of dynamically positioned vessels* – and the current work on a SIMOPS guidance document. IMCA initiatives also support attracting newcomers to the industry and then provide guidance on training and assessment.

### How do you think IMCA makes a difference?

It helps all companies by providing a framework for 'self-regulation' and by providing guidance on many critical topics for members.

### How do you see the future?

The increased support for self-regulation, as seen by greater reference to the IMCA guidance documents in contracts by clients, is important and likely to increase.



## Forthcoming events

29 November 2007

**Asia-Pacific Section**

Bangkok, Thailand

21-23 January 2008

MEOST - Middle East Ocean  
Science & Technology Expo  
Abu Dhabi, UAE

12-13 February

**IMCA safety seminar**

**Safety excellence in a  
global environment**

Abu Dhabi, UAE (see right)

26-27 February

OSJ annual conference  
London, UK

11-13 March

Oceanology International  
ExCeL, London, UK

12 March

**IMCA ROV seminar**

alongside Oceanology International

12 March

**Europe & Africa Section**

alongside Oceanology International

3-4 April

China Offshore Summit  
Beijing, China

15-17 April

SPE 9th HSE Conference  
Nice, France

28-30 April

Middle East Workboats  
Abu Dhabi, UAE

5-8 May

OTC - Waves of change  
Houston, Texas, USA

21-22 May

All Energy Opportunities  
Aberdeen, UK

26-29 August

Offshore Northern Seas  
Stavanger, Norway

5-6 November

**IMCA Annual Seminar 2008**

Kuala Lumpur, Malaysia

*Third party IMCA-supported events  
are listed above in plain (not bold) text*

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events, including downloadable  
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please visit the website:

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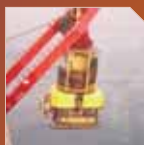


## Safety Seminar 2008

# Safety Excellence in a Global Environment

12-13 February 2008

InterContinental Hotel, Abu Dhabi, UAE



Registration is now open for the 2008 IMCA safety seminar, which will take place on 12-13 February 2007 at the InterContinental Hotel, Abu Dhabi, UAE.

Following successful events held at major European sporting venues and a seminar in Houston, this event provides an exciting opportunity for members in the Middle East and India region, as well as delegates from all around the world, to come together for a unique opportunity to share safety information and learn lessons both from incidents and successful safety initiatives from each other.

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- ◆ Incident analysis
- ◆ Group discussions
- ◆ Social events
- ◆ Seatbelt simulator

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