

Busy in every region

The global industry continues to see high numbers of projects, exciting new technical achievements and commercial successes, but in such a busy marketplace there are constantly new challenges. IMCA is helping address these wherever they occur, through its world-wide work programme and the regional sections.

The four IMCA regional sections are all busy with their local work and providing input into the global programme. In just a short time the association, through the active involvement of members at regional meetings, has grown to provide a vital forum for members in each region to meet, be informed about a variety of topical issues, discuss matters of local interest, provide input to work going on in the world-wide committees and share both lessons learnt from safety-related incidents and good practices developed in members' operations.

This growth and member commitment has further strengthened the association's international focus, with all new guidance gaining expert input from all regions and the major seminars now arranged around the globe.

Indeed, the 2007 annual seminar will take place in Paris, France (see page 3), before probably moving to Kuala Lumpur, Malaysia for the 2008 event. In between, the next safety seminar will be held in Abu Dhabi in February (see page 4).

The **Americas Deepwater Section** has developed a successful new format for its quarterly meetings, inviting guest speakers on the main issues of the day and bringing in clients and potential members.

Next meeting: 15 November, Houston, USA

Meanwhile, the section's SEL and TCPC sub-groups have followed a similar approach, with themed meetings bringing

contractors together with a variety of others. The most recent, on how clients and contractors can successfully work together to improve safety performance, attracted record attendance, with the next meeting focusing on lawmakers, compliance and self-regulation. *Next meeting: 26 September, Houston, USA*

The **Asia-Pacific Section** has adapted its already successful meetings to include guest presentations, which has further swelled attendance. Since establishment in 1999, the section has seen membership soar, to stand at over 90 companies today. Many of those who join have been encouraged by what they have seen and learnt at these meetings.

Dialogue with Australian regulators, representing members with the National Offshore Petroleum Safety Authority (NOPSA) and others, shows how IMCA's reputation and skills liaising with governments on members' behalf demonstrated in Europe over many years are successfully being put to good use elsewhere.

Next meeting: 23 August, Kuala Lumpur, Malaysia

The **Middle East & India Section** is the oldest of the sections, dating back to before IMCA's formation through merger. It could be forgiven for resting on its laurels, after successfully promoting IMCA diving guidance to a range of clients and improving operational practices in the region. However, that's not enough for members in the region, who have recently embarked on a further drive to increase membership and the section has

Regional news continues on page 6



Also in this issue:

New careers brochure

Open your horizons has now been distributed to members and a wide range of educational and careers establishments around the world.

For more details on this and other ways IMCA is addressing skills shortages, turn to pages 4-5

Explore new frontiers in Paris

Registration has opened for this year's IMCA annual seminar, with an exciting range of presentations, workshops and social events planned.

For more details on the seminar, turn to page 3 or visit www.imca-int.com/events

STOP PRESS - Membership hits 400

IMCA has welcomed its 400th member. Having doubled in just five years, the association now has members active in 47 countries around the world.

For the full list of members, turn to page 8 or visit www.imca-int.com/members

In this issue:

News from around IMCA 2

From the President 3

Regional news 6

IMCA Directory 7

Secretariat staff and committees 7

Current members 8

You may have missed ... recent documentation 10

Divisional news 11

Diving 11

Marine 12

Offshore Survey 13

Remote Systems & ROV 14

Spotlight 15

on Wallace Robertson

Forthcoming events 16

Fyvie Castle hosts 'outstanding' ball as IMCA raises £2,500 for WMU

The 2007 IMCA midsummer ball, in aid of the World Maritime University, was intended to be an event with a difference this year, but the guests' feedback attests that it far exceeded expectations, and was full of surprises.

A piper welcomed the 250 guests to this National Trust for Scotland castle, where a champagne reception took place in the castle with guides and musicians to create a historic atmosphere.

A marquee on the castle lawns was ready for dinner and dancing. Harpist Marie Main transferred from the castle to quietly serenade guests before interruption by waiters who turned out to be the stunning performers of *Opera on the Run*.



After dinner, the game of 'A Wing and a Prayer', led by intrepid wing walker John Greensmyth, together with a casino, raised £2,500 for the World Maritime University.

WMU was established in 1983 by IMO to offer high level maritime education and training - a worthy cause of great significance to IMCA and its members.

Frits Janmaat of Allseas was presented with a print of St Andrews golf course by IMCA President Knut Boe to thank him for his marked contribution as president during 2005-6.

The evening continued with dancing and music, before a grand finale of fireworks and marching pipe band brought the event to a close.

Golf day goes with a swing at Newmachar

Will Black of Shell (pictured below) won the IMCA Quaich for best individual player at the 2007 Golf Day, held on 15 May at Newmachar, just north of Aberdeen, with a Stableford score of 42 points over the Swailend course.

This year's event - IMCA's third - was novel, with a new course and a shotgun start format.



The new and generously contributed Poseidon Maritime Challenge Trophy team prize was won by the Helix team with a four-man aggregate Stableford score of 142 points.

After earlier torrential rain, players were fortunate to have another dry day for the tournament (the third in succession) and Newmachar

offered a beautifully presented course, as well as delicious lunch.

An array of individual, team, 'skins' and novelty prizes was shared amongst the eighty competitors, including a generous golf outing donated by Saipem.

Photographs of the event, kindly sponsored by Heerema Marine Contractors, have been sent to all the teams as a reminder of a great day. These can also be seen at www.aberdeenphoto.com with copies available from the secretariat to remind members and guests of a great day.

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:

- ◆ Make sure you don't miss out on this year's annual seminar - *New Frontiers in Marine Contracting* in Paris see [page 3](#)
- ◆ You could also help develop the programme for next year's safety seminar in the UAE see [page 4](#)
- ◆ Contribute your own company material to help IMCA develop a generic risk assessment matrix see [page 4](#)
- ◆ Report DP incidents to make this year's report even more useful see [page 12](#)
- ◆ Help identify specialist university departments to undertake ROV research see [page 14](#)

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)

Document register

The first issue of the *IMCA Document Register* has been circulated to members. Created as a Microsoft Excel workbook, it lists all current IMCA documentation containing guidance, including publications and selected information notes, to provide a useful reference for members.

The register has attracted much interest and positive feedback from members at recent meetings, with many keen to use it within their company's own quality assurance and documentation regimes. The Excel format means that the register can easily be extended and linked into such existing systems.

The register will be updated periodically, with the latest version available for downloading at <https://members.imca-int.com/documents>

Feedback from members on this first issue would be welcome.

Annual seminar returns to Paris

With the theme of *New Frontiers in Marine Contracting*, this year's annual seminar will feature cutting edge developments and the key issues facing those at the forefront of the industry.

The event will take place on 6-7 November at the Paris Rive Gauche Hotel & Conference Centre, where day one will open with a plenary session involving keynote speeches and discussion from IMCA President Knut Boe of Technip and senior oil company representatives on contracting issues and the challenges and opportunities presented by the industry's new frontiers.

Each day also includes plenary presentation sessions of broad interest and dedicated parallel marine and diving themed sessions.

The afternoons include a series of workshops to facilitate discussion on topical issues, including some of those raised in earlier presentations. These always prove lively and interesting sessions, with useful input gathered for IMCA's committees to take forward.

The regular exhibition of supplier members has attracted a record 13 companies, eager to demonstrate the latest products and services available to assist the contractor membership.

The programme brochure has been circulated widely, with registration now open. Full details are also available at www.imca-int.com/events

Welcome Ann

The secretariat has welcomed another new member of staff, with Ann Barnatt joining the support team as its fourth Administrator.

Ann has some knowledge of IMCA and its history, as she had previously worked for IMCA and AODC on an as-required basis from 1984 to 1998. However, the association has grown and changed markedly since that time and Ann is enjoying learning about IMCA in the twenty-first century.

Ann's particular area of expertise is document production, having used many systems with a variety of publishing companies. As well as helping with the increasing number of guidance documents, information notes and minutes on a day-to-day basis, Ann is also leading efforts to complete the set of Marine Division guidance available online on the members-only website. Currently only part of the catalogue is available, but members will see this built upon in the coming months.



From the President



There is a high level of activity in IMCA at the current time. The requirement from our members for IMCA to take onboard industry issues and to develop these in the best interests of our members continues to increase. This is a reflection of the activity level in our industry and also a reflection of the people shortage we are experiencing amongst all of our members. Finally, it is a reflection of the continuous growth in members within IMCA, which has now reached 400 - doubling in five years.

The arrival of new members, which is very welcome, seems to be continuing. To cope with this expanding number of members and to respond to their higher demands, the secretariat has, this year, increased its staff and will continue to do so as necessary.

Safety has always been a top priority for IMCA. The importance of focusing on this is increasing, due to the large number of new and less-experienced people who are entering our business.

An element of safety which is causing growing concern is security; security of our people when they operate from countries where the security situation is such that special precautions need to be implemented to protect them.

I believe I have our members behind me when I say that the life and health of our people is an area which should not be deemed part of the normal and sound competition which we have in our markets. Adequate security for our people should be a minimum requirement which we should never compromise.

In order to help our members avoid getting into situations where this could become an issue due to lack of definition, lack of clarity or driven by contractual situations, IMCA is developing guidance to support its members in this very important area. I hope our members will find this highly useful.

The IMCA Midsummer Charity Ball took place on 8 June at Fyvie Castle near Aberdeen. The castle and scenery were magnificent and contributed to what I believe was the most glamorous ball in the history of IMCA.

With this still fresh in our memories, I hope that it will encourage as many as possible of our members to join the IMCA annual seminar, which will take place in Paris on 6-7 November. *New Frontiers in Marine Contracting* should offer a topic of interest to all our members.

I look forward to seeing you there.

Knut Boe, Technip
IMCA President 2007

News from IMCA's core activities - SEL and TCPC

Open your horizons ...

IMCA's new careers brochure aims to attract new recruits to the exciting opportunities available offshore

Members around the world continue to report on the difficulties posed by skills shortages, with the IMCA Overall Management Committee having set tackling recruitment issues as its number one priority for the year.

IMCA's eye-catching new brochure 'Open your horizons' is the latest part of this effort and aims to provoke interest of potential new recruits both in education and among those looking to change direction.

Around 20,000 copies have already been circulated to members (for onward distribution) and direct to a variety of academic and careers-focused organisations around the world.

The secretariat would welcome advice on additional contacts who could make use of the brochure.

Members can also request the full set of print files which allow the incorporation of their logos and direct contact details to help those interested to find out more about the opportunities available to them.



IMCA advises on EU maritime policy

In June this year, the European Commission held a consultation on its 'Maritime Policy Green Paper', aiming to "launch a debate about the future maritime policy for the EU that treats oceans and seas in a holistic way". Issues relating to the environment, sea life and sustainability were covered in the document, together with a recognition of the importance of the maritime industry and the natural resources of the world's seas and oceans to the economic opportunities and wellbeing of all Europeans.

IMCA made a submission to the commission during this period on behalf of members. This recognised and supported, in general terms, the aims of the process. However, it stressed the need to consider wider international aspects when developing its future approach to European structures and regulations.

The maritime industry, including that sector which IMCA represents, is international and looks for its policy and guidance to the International Maritime Organization. IMO's requirements are brought into force through member states implementing them as national rules and regulations. Thus IMCA and its members would not wish to see an additional layer of regional requirements which may produce an over-regulated system with increased bureaucracy. The benefits that arise from industry self-regulation, as promoted through trade associations such as IMCA, were also highlighted.

The submission also addressed proposals on skills shortages and how the European Union needs to ensure that EU citizens are skilled for the global workplace and that its member countries can take advantage of appropriately skilled individuals from elsewhere.

Responses to the consultation are being collated, with a resulting EU Maritime Action Plan expected to be published in October.

SEL news in brief

2008 safety seminar

Following successful events held at European sporting venues, the next IMCA safety seminar will take place in the UAE in February 2008.

Based around the broad theme of 'safety in a global environment', a steering committee has been established and is seeking suggestions for themes and presentations. Submit your ideas to events@imca-int.com

New SEL vice-chairman

David Forsyth of Bibby Offshore has been elected as the new vice-chairman of the Safety, Environment & Legislation core committee.

He will support Wallace Robertson in leading the committee's work and also joins the Overall Management Committee, to represent the SEL core activity and help steer the work programme.

Addressing safety leadership training needs

A new syllabus is being prepared to provide guidance on safety leadership training, to meet a need identified by members.

They have identified that while people may be technically highly competent and suitable for promotion, such positions of responsibility also require supervisory competence and a deeper understanding of leading and management.

The proposed syllabus, intended for offshore supervisors and team leaders, aims to provide

guidance in particular on people management skills.

A draft is currently under review and will be the subject of a workshop at the next meeting of the Asia-Pacific Section, scheduled for 23 August in Kuala Lumpur, Malaysia.

The SEL and TCPC committees will then be working jointly to finalise and issue the syllabus.

Members wishing to find out more or to get involved in the review process should contact Nick.Hough@imca-int.com

Risk assessment matrix being drawn up

Another initiative arising from member feedback at regional section meetings is the development of a generic risk assessment matrix.

It was noted at a recent Middle East & India Section meeting that members used a variety of risk assessment formats. While each company has developed these to suit its own requirements, often

extremely well, it was agreed that industry guidance based on members' combined expertise would be helpful. Each member could then compare this to its own format to avoid any gaps and incorporate new ideas.

To contribute your company's documents for review and use in this development, please contact Nick.Hough@imca-int.com

Security culture continues to grow

The IMCA Security Task Force strives to help spread a security culture. Its members have noted the parallel with early safety practitioners developing a safety culture across the industry.

Indications that a security culture is becoming more evident are found in the reports received from members about their own security activities and events.

Such an event was a recent in-house security workshop arranged by Technip at its Abu Dhabi office, where the relevance of ISPS Code principles were discussed in relation to ongoing projects. Examples given were from the construction of an LNG tanker terminal and general port facilities for offloading of construction material, but it was clear how the ISPS Code principles could be applied to any large onshore project - especially the code's guidance on access to and egress from a secure site. Managers from different projects described their various problems and protective strategies used.

Fundamental points included:

- ◆ ensuring security is taken into account at the proposal phase of a contract

- ◆ formalising security issues in procedures
- ◆ involving clients and contractors in security plans
- ◆ issuing clear guidelines
- ◆ training and competency issues and the wide range of competencies involved
- ◆ communicating experience gained

Describing practices and procedures across major projects in the region gave local managers a chance to identify and discuss best practices. Problem areas were examined and solutions acknowledged, demonstrating the advantage of such a workshop in drawing together the varied experience of those who attended. The workshop also made a significant contribution in identifying individual skills that could be shared.

The Security Task Force would be interested to learn of other members' initiatives and to gain additional input from around the world. To contribute to its work, which currently includes the development of security materials similar to the popular safety posters and pocket cards, please contact Philip.Wiggs@imca-int.com

Skills and recruitment remain the focus

The secretariat and TCPC committee are leading the attack on the skills shortages issue.

As well as the new brochure, other careers promotional materials are also proving highly popular, with the careers zone among the most popular on the IMCA website.

The 'I want to be...' series of careers guides, fully updated in recent months, has been extended to include an expanding range of case studies, which give a personal perspective on the

exciting possibilities a career offshore can bring. The latest of these, covering an offshore diver and diving supervisor, has just gone live on the site.

Meanwhile, IMCA is continuing to work with an expanding variety of organisations on skills and recruitment at the global, regional and national level.

Details on IMCA's work on careers and recruitment issues have also been set out in a new general factsheet, available now at www.imca-int.com/factsheets



SUBSEA TRAINING

The World's Leading Subsea Training Centre

The Underwater Centre in Fort William is the ideal place to train for work in the subsea industry. Offering a full range of courses for diving, ROVs and ALSTs, we are the only centre to be approved for the full range of HSE commercial diving courses from Scuba to Closed Bell.

The Underwater Centre in Fort William offers:

- Industry tailored commercial diving courses
- Leading ROV course run to IMCA standards
- ALST training working with operational saturation system
- Instructors respected worldwide
- Excellent deep-water training site simulating offshore conditions
- Custom built on-shore facilities
- Proven record in subsea trials and testing

For more information contact us on:

+44 (0)1397 703786 info@theunderwatercentre.co.uk
www.theunderwatercentre.com

THE
UNDERWATER CENTRE
FORT WILLIAM • TASMANIA

SQA Approved
Centre

Training Opportunities

IMCA Offshore Air Diving Supervisor
 IMCA Assistant Life Support Technician
 Recompression Chamber Operator
 IMCA Diver Medical Technician

HSE First Aid at Work
 Basic Hyperbaric Medicine Course
 PADI Recompression Chamber Specialty
 DAN Automated Defibrillator
 DAN Oxygen Administration
 Emergency First Response
 DSAT Gas Blender

Training to meet the needs of the diving
 and hyperbaric medical industry

For further information contact: training@ddrc.org

www.ddrc.org



+44(0)1752 209999

Regional news

Busy in every region *continued from page 1*

organised briefing seminars to alert both new and existing clients to the full range of IMCA guidance. The success of these meetings is already being demonstrated by an expanding membership in the other divisions in the region and a continuing rise both in attendance at section meetings and the breadth of issues now being discussed. Following two successful seminars in the UAE in 2006/7 - in Abu Dhabi and Dubai - the next is being organised for Qatar on 19 November. Please advise events@imca-int.com if you are interested in attending or would like to suggest other invitees.

Finally, the youngest section - **Europe & Africa** - is busy too, as it prepares for a meeting alongside the popular Offshore Europe exhibition (see right) where skills shortages and how IMCA and its members can address them will be in focus.

Election result

Maurice Catt of Halul Offshore Services Co. has been elected as the new vice-chairman of the IMCA Middle East & India Section. He succeeds Sean Brunton, who has moved to a new role in the region.

Maurice presided over the most recent section meeting

in Jebel Ali, standing in for chairman Steve MacMillan (J Ray McDermott) at a well attended meeting, where plans for the next briefing seminar, in Qatar, were outlined.

Other issues aired included proposals to develop a generic risk assessment matrix (see page 4).

Europe & Africa Section at OE 2007

The next meeting of the IMCA Europe & Africa Section is to take place on the morning of 5 September at the Aberdeen Exhibition & Conference Centre.

In addition to the usual update on world-wide and local activities, the main theme will be skills shortages and what else IMCA and its members can do to address them, to build on the extensive efforts already being made. Mandy Aitchison of Acergy will give a presentation on the issue, to be followed by a panel-led discussion involving other industry figures.

The meeting will run alongside the *Offshore Europe* exhibition and precedes a lunchtime drinks and buffet reception for both members and their guests, aiming at raising the association's profile still further and hopefully attracting new members too.

Members attending OE from other regions are also welcome to join both the skills shortage session and reception that follows, with invitations also being extended to relevant third party organisations to help bring together all perspectives and produce some new ideas for IMCA to take forward.

IMCA at Offshore Europe

Visit the team on stand 851

and be sure to attend the Europe & Africa Section meeting and lunchtime drinks reception on 5 September



KB Associates Pte Ltd
A Member of IMCA

Your partner in providing independent service to the offshore industry and the only IMCA-approved training provider based in Asia providing the full range of IMCA diving supervisor, LST and DMT courses.

Providing you with unparalleled solutions for your business

Audits

Diving Systems
ROV Systems
Safety Management Systems
DP & Marine Vessels
Rig / MODU Audits

Consultancy

Equipment Valuation
Safety Management
Technical Authorship
Procedure Writing
Dive System Build
Project Risk Analysis
Project HAZIDS
Arbitration

Services

Client Representatives
Project Co-ordination
Inspection Personnel
SDPO & DPO
Diving System FMEA
HES Environmental Testing

Training - IMCA

IMCA Diver Medic (DMT)
IMCA Diver Medic Refresher
IMCA Trainee Air & Bell
Diving Supervisor
IMCA Assistant Life Support
Technician
IMCA Exam Refresher

Training - SAFETY

NEBOSH International
General Certificate
IOSH Managing Safely
IOSH Working Safely
Risk Assessment
Client Subsea Safety &
Diving Familiarisation



For more information contact us or visit our website
www.kbassociates.org

KB Associates Pte Ltd

Box 5045, Loyang Offshore Supply Base, Loyang Crescent, Singapore 508988
Tel: +65 6546 0939/+65 6546 0952 Fax: +65 6546 3986
Email: enquiries@kbassociates.org



Professional Diving Centre Durban, South Africa

Quality Commercial Diving Courses
IMCA Diver Medic Technician

Tel: +27 (0) 31-205 8019 Fax: +27 (0) 31-205 7504
www.profdivingcentre.co.za E-mail: pdccgrant@mweb.co.za



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
- document production and member records

Jean Carmichael, Bookkeeper

IMCA 5 Lower Belgrave Street
London SW1W 0NR, UK

Tel: +44 (0) 20 7824 5520

Fax: +44 (0) 20 7824 5521

E-mail: imca@imca-int.com

Web: www.imca-int.com

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:

Kevin Kerins, Oceaneering

Andrew Beveridge, Fugro-Rovtech

SEL Core Committee

Chairman: Wallace Robertson, Helix ESG

Vice-Chairman: Dave Forsyth, Bibby Offshore

Norman Smith, Acergy

Paola Santoli, Allseas

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: Robert Keith, Oceaneering

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

Ian McKenzie, Fugro Survey

Jan Arvid Ingulfen, Geoconsult

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: Kevin Kerins, Oceaneering International

Vice-Chairman: Andrew Beveridge, Fugro-Rovtech

Colin Mackay, Acergy

Michel Hebert, Bluestream

Terje Thomassen, Geoconsult

John Davies, Global Marine Systems

Angus Kerr, Helix ESG

David Rhodes, Integrated Subsea Services

Espen Ingebreetsen, Oceaneering International

Keith Robathan, Saipem

Neil Milne, Subsea 7

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 Maritime

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

Aceryg Asia Middle East
Aker Marine Contractors AS
Aker Marine Contractors, Inc.
Algosaibi Diving & Marine Services
Allied Marine & Equipment Sdn Bhd
AlMansoori Production Services LLC
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
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
DOF Management AS
DOF Subsea (Australia & Asia Pacific)
Dolphin Drilling Ltd
Dolphin Offshore Enterprises (India)
Dulam International Ltd
EDT Offshore
EGS (Asia) Ltd
PT Ekanuri Indra Pratama
EMAS Offshore Pte Ltd
Fairmount Marine bv
Far Eastern Shipping Company
Finstaship
Five Oceans Services GmbH
LLP FSDS
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
Geoconsult AS
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
Hallin Marine
Halul Offshore Services Company
HEISCO
Horizon Survey Company (FZC)
Hull Support Services Ltd
Huta Marine Works Ltd
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
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
Secunda Marine Services Ltd
Siem Offshore AS
SMIT
SMIT Subsea
SMIT Terminals Middle East LLC
Solstad Shipping AS
Stapem Offshore SA
Submersible Television Surveys Ltd
Subsea 7 Asia Pacific
Subsea Petroleum Services
Subtec Middle East Ltd
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
TS Marine (Contracting) Ltd
TS Marine Pty Ltd
Underwater Services Company
URS nv
Van Oord
Vastalux Sdn Bhd
Vroon Offshore Services BV
VTT Maritime
PT Wintermar
Workshops Contractors BV
Zakher Marine International

Suppliers

Suppliers of equipment

ABB Ltd
Advanced Marine Pte Ltd
PT Advanced Oil & Gas Consulting
Air Products Singapore Pte Ltd
Analox Sensor Technology Ltd
Ashtead Technology (SEA) Pte Ltd
Bibby Offshore Ltd
Bourbon
Brunvoll AS
Circle Technical Services Ltd
Comanex SAS
Converteam Ltd
CUEL Ltd
Cynergetix Pte Ltd
Divex Asia Pacific
Divex FZE
Divex 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
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 Seaeeye Ltd
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

Abermed Ltd
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
The Tritanium Company
Velosi Certification Bureau Ltd
Veripos
Vroon Offshore Services
Wavespec Ltd

Training establishments

A1 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 Nutec 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 Oceanengineering
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
SMTG 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
Petrodis SA
PR Offshore Services Ltd
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 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:

- ◆ **ATCO Ports Management & Marine Services**
- ◆ **CFO - Centro Formazione Offshore**
- ◆ **Commercial Diving Academy**
- ◆ **Divex Asia Pacific**
- ◆ **Divex FZE**
- ◆ **Five Oceans Services GmbH**

A multi-disciplined subsea engineering and submarine cable installation contractor operating vessels and related equipment world-wide, combining highly qualified personnel with state-of-the-art installation, repair and maintenance equipment.
Tel: +49 491 912 430 Web: www.fiveoceansservices.com

- ◆ **Fundação Homem do Mar**
- ◆ **Global Gases & Chemicals FZCO (Dubai)**
- ◆ **Global Gases Group (Singapore) Pte Ltd**
- ◆ **Global Marine Systems Ltd - Subsea Training**

A new training facility running IMCA-aligned courses in Portland, UK, including theoretical work and practical experience in the surrounding harbour. Training is open to Global Marine employees, individuals and other companies in the industry.
Tel: +44 (0) 1305 828 104 Web: www.globalmarinesystems.com

- ◆ **GTC Group**
- ◆ **Island Offshore Management AS**
- ◆ **Jumbo Offshore VoF**
- ◆ **JW Automarine**
- ◆ **Matthews-Daniel**

With a 40-year history, this company provides marine surveying, approval and certification, engineering and marine consultancy services through its integrated world-wide network of offices and carefully chosen professional staff.
Tel: +1 713 622 1633 Web: www.matdan.com

- ◆ **Mermaid Marine Australia Ltd**
- ◆ **Noble Denton Marine, Inc.**
- ◆ **Offshore Skills Training Centre (OSTRAC)**
- ◆ **Olympic Shipping AS**

Operator of a fleet of 17 offshore vessels, including six new builds, one research vessel and a modern deep sea trawler, with particular expertise gained from operations in the harsh far northern environment.
Tel: +47 70 08 12 00 Web: www.olympic.no

- ◆ **OSM Schiffahrt GmbH & Cie KG**

A joint venture between the German Nordcapital and Norwegian OSM groups, providing technical and commercial ship management of offshore supply vessels and tankers, with three PSVs under charter and a 14-strong new build programme.
Tel: +49 40 3008 0

- ◆ **OTECH Marine Services AS**
- ◆ **Pelican Offshore Services Pte Ltd**
- ◆ **Petra Resources Sdn Bhd**
- ◆ **PT Bahana Galang Jaya**
- ◆ **Rolls-Royce Power Engineering plc**

- ◆ **Seaflex Ltd**

With a 20 year history of manufacturing air lift bags and other dedicated buoyancy systems for pipes and cables, the company offers a hire stock of over 4,000t lift capacity to contractors through a network of agents world-wide.
Tel: +44 (0) 1983 290 525 Web: www.seaflex.co.uk

- ◆ **Sonangol Pesquisa & Produção**

- ◆ **Stapem Offshore SA**

Established in 1989 and based in Haguena, France, the company operates from bases in Luanda and Soyo, Angola, to provide support services for operators and companies in the oil and gas industry offshore West Africa.
Tel: +33 3 88 07 15 90 Web: www.stapem-offshore.fr

- ◆ **Superior Offshore International (SA) Pty Ltd**

- ◆ **Superior Subsea Personnel Services**

- ◆ **Veripos**

Owned by Subsea 7, Veripos operates world-wide providing data broadcast and support services for precise positioning applications, focusing on enhancing the accuracy, reliability and integrity of precise navigation and positioning.
Tel: +44 (0) 1224 877 993 Web: www.veripos.com

Recent name changes

- ◆ Geo Subsea Pty Ltd is now *DOF Subsea (Australia & Asia Pacific)*
- ◆ Seasafe Company is now *Nautika SeaSafe Ltd*
- ◆ Viking Offshore Services is now *Vroon Offshore Services Ltd*

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:

- ◆ **IMCA Document Register** - Issue 1
- ◆ **Underwater air lift bags** (IMCA D 016 Rev. 3)
- ◆ **Common Marine Inspection Document (CMID)** (IMCA M 149 Issue 6) and guidance on its use (IMCA M 167 (Revised))
- ◆ **DP station keeping incidents reported for 2005** (IMCA M 186)

Safety flashes:

- ◆ **Safety flash 04/07** - covering one incident: Forklift truck incident
- ◆ **Safety flash 05/07** - covering one incident: Interim measures after the Bourbon Dolphin incident
- ◆ **Safety flash 06/07** - covering two incidents: Diver injury using cavitation blaster; Weld failure on Kirby Morgan KM17B 505-055 neck clamp

Information notes:

Safety, Environment & Legislation (SEL)

- IMCA SEL 06/07 - Centre for Protection of National Infrastructure
- 07/07 New symbol to highlight radiation dangers
- 08/07 International Maritime Organization: Report of Meetings - June 2006-June 2007
- 09/07 Safety statistics for IMCA members: Report for the period 1 January-31 December 2006
- 10/07 Health and safety law - 'so far as is reasonably practicable' principle: European Court of Justice judgment on UK laws

Training, Certification & Personnel Competence (TCPC)

- IMCA TCPC 09/07 - Implementation of competence assurance and assessment schemes: IMCA member questionnaire results
- 10/07 New Australian requirements for Maritime Crew Visa
- 11/07 International Maritime Organization: Report of Meetings - June 2006-June 2007

Diving Division

- IMCA D 07/07 - Future requirements for medical support of diving - IMCA questionnaire

Marine Division

- IMCA M 10/07 - New Australian requirements for Maritime Crew Visa
- 11/07 New symbol to highlight radiation dangers
- 12/07 International Maritime Organization: Report of Meetings - June 2006-June 2007
- 13/07 The Nautical Institute DP Training Advisory Group (DPTAG)

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

IMCA members-only website

The members-only website is where members can find over one thousand documents available for downloading at any time, as part of their subscription (i.e. with no further charge).

Documentation available includes:

- ◆ **Safety flashes** - all flashes issued since 1997 are available
- ◆ **Guidance documents** - around two hundred current guidance documents, with more being added
- ◆ **Information notes** - all those issued since 1997 that are still considered current
- ◆ **Minutes of meetings** - the latest sets of minutes for the world-wide committees and regional sections, to help keep members updated on IMCA's work on their behalf



Designed as an extension of the public site (www.imca-int.com), documentation is organised by activity (core/divisional) and region, with additional links provided throughout the main web content.

Each member is assigned a unique username/password combination, which can be shared within a company as suits its needs.

If you don't know how to access the site, please contact the secretariat. The team will be happy to advise who holds your company's login details or to give details on how this can be set up.

<https://members.imca-int.com>

Diving Division

Certification scheme demand soars

Since 2002 the numbers sitting examinations under the IMCA Offshore Diving Supervisor and Life Support Technician Certification Schemes have more than doubled

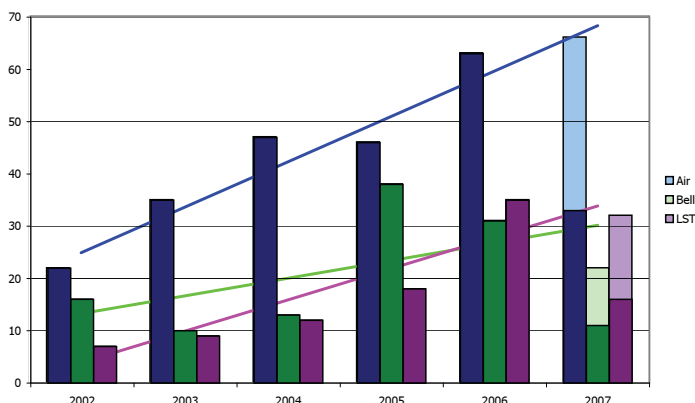
The first half of this year has been a busy one for most in the diving industry. This has been reflected in the soaring demand for IMCA offshore diving supervisor and life support technician (LST) examinations.

In the first six months of 2007, more certificates have been issued than in the whole of either 2002 or 2003. Indeed, the trend of certificates issued over the latest five years shows a steady, significant increase.

The IMCA certification schemes are being used ever more widely around the globe.

Over half of candidates sitting the air diving supervisor exam this year have done so in Africa and the Middle East, with the rest coming roughly equally from the Asia-Pacific region, Europe and India.

Notably, demand for trainee diving supervisor and assistant LST courses in the Asia-Pacific region remains significantly higher than in any other part of the world, prompting the expectation of a continued increase in the number of exam applications for candidates in that region in the next six months.



The dramatic rise in certificates issued by IMCA since 2002 (2007 bars include actual figures to June (dark) and projection (light))

Age survey update

In 2005, IMCA published the results of a three-year survey of North Sea diving personnel, itself building on an earlier world-wide IMCA study.

The results, contained in IMCA D 038, set out the experience and employment profile of divers and diving supervisors working during the period 2000-2003.

With the additional data, over a rapidly-changing period, interesting results were seen and possible trends identified.

The Diving Division Management Committee has now commissioned a further update, preparation of which is due to begin shortly.

At a time of global skills shortages in the industry, with more predicted, this year's results will help better inform IMCA committees and other parties on the shape of the workforce. Our thanks in advance to all contributors.

Updated guidance on underwater air lift bags

An updated version of IMCA D 016 - Underwater air lift bags - has been published.

The guidance addresses the initial and periodic examination, testing, certification and maintenance of underwater type bags (cylindrical totally enclosed, closed and open parachute bags) used to lift submerged objects. It also covers the operational use of open parachute type lift bags and the safety precautions that

should be taken during their use.

This latest version incorporates updated advice on operational aspects and has been extended to include additional examples of different types of lift, as well as minor editorial and formatting updates.

The new version is available for downloading from the members-only website or for purchase in printed form.

Competence assessments under review

In December 1999 IMCA approved the first of four organisations now authorised to undertake competence assessments of experienced surface supplied divers in areas with no national certification scheme to issue IMCA-recognised certificates.

The scheme is available to IMCA members and those diving contractors applying for membership, to enable the assessment and employment of suitably experienced and competent indigenous divers in such areas, thus expanding the pool of available personnel.

A Diving Division workgroup is now reviewing the competence assessment arrangements and updating the guidance and requirements for the four organisations. In particular, details on specific skills and tasks being assessed will be included, together with the equipment the contractor or assessing organisation will need to arrange.

Please contact Paul.Evans@imca-int.com for more information.



Unique System FZE

(A Unique Maritime Group Company)



✓ Commercial Diving Systems, Design, Manufacture & Refurbishment
 ✓ Commercial Diving Equipment Sales & Rental
 ✓ R.O.V Sales & Service
 ✓ N.D.T Equipment Sales, Rental & Service
 ✓ Hydrographic Equipment Sales, Rental & Service
 ✓ Marine Equipment Sale and Rental



Kongsberg
 ✓ Offshore & Merchant Marine
 ✓ Process Automation
 ✓ Dynamic Positioning



✓ On-Site Machining
 ✓ Hot Tapping & Line Stopping
 ✓ Under Pressure Leak Sealing
 ✓ On-Line Valve Lubrication & Sealing
 ✓ On-Line Safety Valve Testing
 ✓ Pipeline Repair Clamps
 ✓ Waterjetting Services

PO Box 42505, Plot 1D/07A, Near Roundabout 3, Hamriyah Free Zone, Sharjah, UAE
 Tel.: +971 6 5130333, Fax: +971 6 5130444
 Email: info@uniquegroup.com, www.uniquegroup.com

Marine Division

CMID enabling reduction in audits

The latest version of the Common Marine Inspection Document has recently been published and is seeing wide acceptance around the world.

The June 2007 update to the Common Marine Inspection Document (IMCA M 149 Issue 6) features an enhanced appendix for seismic vessels, as well as small updates to correct references to IMO codes.

New printed versions have been distributed to all Marine Division members, with user-friendly Microsoft Word versions allowing electronic completion, as well as ongoing updating on a vessel, available both via the members-only website and on a CD.

The intention is that by following this industry-developed and standardised inspection format, new or potential clients will be able to review, recognise and accept reports on a vessel prepared previously.

This can help avoid unnecessary variation in audit requirements set individually by each client and eliminate the need for repeat audits - costly and time-consuming for both the vessel operator and their customer.

As in earlier issues, 14 chapters address issues relevant to all vessels, covering: previous inspections; vessel particulars; certification and documentation; crew management; bridge, navigation and communication equipment; safety management; pollution prevention; structural condition; life saving appliances; fire fighting; machinery spaces and plant; general appearance and condition; and hazards.

Eight supplements address the specifics of individual vessel

types - DP, anchor handling, offshore supply, standby, seismic, diving and ROV vessels plus helicopter issues.

Guidance on use of the CMID is given in the accompanying revised IMCA M 167 (also included on the CD), which sets out how an inspection should be undertaken, how vessel crews can usefully prepare and parts that can be updated on an ongoing basis on a vessel to maintain the CMID as a 'living' document.

This year's IMCA annual seminar in Paris (see page 3) will feature a workshop on use of the CMID. With attendees expected to include clients, vessel operators, managers, crew and consultants, it will explore how the document is used in practice and how its use can be enhanced in the future.



Crane & Winch Operations Workgroup

Wallace Robertson will be a hard act to follow as chairman of the IMCA Crane & Winch Operations Workgroup.

Under his leadership, the group developed the very successful *Crane Operators Logbook*, embarked on the guidance on communications in lifting operations and brought the guidelines for lifting operations to near completion. Indeed, Wallace has still been involved in final amendments as the draft makes its way to the OMC for publication.

Caspar Berends of Heerema is the new chairman, with Doug Kerr of TS Marine as vice-chair.

A busy workload remains for the group, including:

- ◆ heave compensation issues
- ◆ communications, where development of guidance is progressing well
- ◆ crane testing
- ◆ personnel competency.

Wire rope discard criteria has become an issue so vital, with interest from across the industry, that a separate group has been formed to concentrate on that, with involvement from the UK HSE and the European Wire Rope Information Service - a trade association for wire rope manufacturers.

Reminder on DP incident reporting

Preparation of the report on DP incidents for 2006 is well underway. Any members yet to submit their reports for the year are asked to send them to lan.giddings@imca-int.com as soon as possible.

The reports can only be as useful as the information submitted to IMCA. By encouraging more reporting, the hope is to enable fuller analysis of trends and identification of key issues that lead to incidents. These can then be addressed in future work.

Reporting forms are available on request from the IMCA offices.

DP trials - MODUs

In the 1980s dynamic positioning systems onboard vessels were tested many times during a year, with the time required for repetitious testing events costly and inconvenient for both vessel owners and their clients. Such frequent testing also raised the risk of equipment damage.

Vessel owners came together, through IMCA's predecessor organisation DPVOA, with oil company and government representatives to discuss and rationalise auditing and testing, which resulted in the accepted guideline I 12 UKOOA Part 2 - *Guidelines for auditing vessels with dynamic positioning systems*. IMO circular MSC.645 reinforced the requirement for annual trials of important DP systems and components.

Since that time, however, annual trials have not been widely taken up for DP mobile offshore drilling units (MODUs), as their continuous work programmes do not usually provide suitable non-operational periods that can be used for such an approach.

Recognising the difficulties this can pose, but reflecting the importance of undertaking trials of DP systems and their components, IMCA has been developing separate guidance specifically aimed at MODUs which will set out alternative arrangements for completing a trials programme on an incremental basis during the year. The draft will shortly be ready for review, with IMCA notably intending to directly consult the drilling community.

While this guidance aims to address the particular situation of continuous MODU operations, it is explained and emphasised that the full trials programme should be undertaken in one session wherever possible.

The guidance in I 12 UKOOA is also to be reviewed and brought up to date to reflect current technologies and practices, resulting in an updated IMCA publication.

Offshore Survey Division

Deepwater acoustics guidance nears

IMCA guidelines on deepwater acoustic positioning are now nearing completion. Authoritative guidance has been developed by IMCA's consultant, focusing on the use of acoustic positioning systems and techniques for deepwater operations.

The document is designed to provide guidance on the use and operation of any of the main types of systems. It covers the basics of acoustics and signalling, equipment required, techniques and parameters and their limitations, factors affecting acoustic positioning performance including noise and interference, and the operation and performance of acoustic positioning systems. Further detail is included in comprehensive technical appendices. Publication is anticipated later this year.

Raising the profile of offshore survey

The Offshore Survey Division, while the association's smallest, has nevertheless seen an expansion in its membership and a growth in its work programme in recent years. Some 76 companies are now members in the division, with over 30 contractors across all regions.

With this extended base, the division's management committee

is keen to promote membership even more widely. A new promotional document is being prepared, to explain its activities together with the benefits that membership can bring.

All members are encouraged to promote membership to relevant organisations, with full details and application forms available at www.imca-int.com/join

Training course resource being updated

In April 2001, IMCA published a printed dossier on courses in offshore survey, survey electronics and the marine sciences offered by universities and colleges world-wide at that time.

The Offshore Survey Division Management Committee is now updating the dossier and is considering ways of making the information more widely available via the website. Members are asked to contribute details of courses they are aware of in their region by contacting Nick.Hough@imca-int.com

IMCA assisting UK recruitment group

IMCA has been working with a new UK group which is looking to develop national occupational standards for offshore survey and positioning personnel.

One of the main objectives is to attract and encourage new people to the industry - an aim that IMCA is striving to achieve around the globe.

The following offshore positions are receiving particular focus:

- ◆ Positioning technician
- ◆ Data processing technician
- ◆ Electronics technician

Will Primavesi, Chairman of the Offshore Survey Division Management Committee, is a

member of the UK group and is leading the IMCA liaison.

IMCA has provided the group with a range of documentation including competence and training, to help ensure the needs of companies operating internationally are reflected.

The full range of IMCA careers promotional materials, including updated factsheets and case studies, has also been provided to assist the group.

The association is keen to work with other relevant bodies to help boost recruitment. Any members aware of similar initiatives are asked to contact Hugh.Williams@imca-int.com



OMS, where the right people make all the difference

Drilling recruitment & manning

Marine recruitment & manning

Rig moving & positioning

Marine consultancy



Australia

Tel: +61 8 6310 5600

employment@omsau.com

www.omsau.com

UK

Tel: +44 1224 571572

employment@omsuk.co.uk

Always busy...



...helping power, propulsion, drilling and automation systems evolve

Achieving enhanced reliability and performance over extended lifecycles has never been easier thanks to the launch of ABB's *Evolution for Life* support program.

To find out more call +44 (0) 1224 592123, go to www.abb.com/marine, or visit us on stand 663 at Offshore Europe 2007

ABB Limited

Maritime House
21-25 Commerce Street
Aberdeen, AB11 5FE

ABB

**Power and productivity
for a better world™**

Remote Systems & ROV Division

Update of digital video review begins

IMCA published "Digital Video Offshore – a review of current and future technologies" (IMCA S 008/R 012) in September 2005. Rather than a specification document, it was set out as a review of technology. As it was recognised that digital video systems and practice would continue to develop, it was agreed to update the document on a regular basis.

Since publication, IMCA has kept watch on developments in digital video technology and its use offshore and in May it was agreed that review of the document should now start.

Digital video specialists from IMCA members in the Offshore Survey, ROV and Diving Divisions, as well as representatives from the digital video industry, including many of the members of the

workgroup which developed the original document, will participate.

The review will look at new digital video technology available, as well as practical changes that have occurred, particularly in the area of data delivery and storage. Using case studies of how digital video technology is being implemented both offshore and at the point of delivery to the client, it will explore how digital video experience has grown in recent years.

It is anticipated that the document will be ready for publication towards the end of Q1 2008.

If you would like to contribute to the review or assist with the digital video workgroup, please contact Nick.Hough@imca-int.com

Biennial ROV committee election underway

Under the IMCA constitution, each core and divisional management committee serves a two-year term before elections are due.

The Remote Systems & ROV Division Management Committee is currently undergoing such an election.

As we go to press, nominations have closed and the secretariat is currently checking with nominees whether or not they wish to stand in the election. Following this, ballot papers will be issued to all voting members of the division, with the new committee expected to be announced during September.

IMCA aims to fund research projects

In issue 43, we detailed proposals to commission engineering research studies for the benefit of IMCA's ROV operating company members.

Topics that could be addressed include:

- ◆ umbilical corrosion
- ◆ buoyancy
- ◆ composite materials
- ◆ 'environmentally friendly' hydraulic fluids

Unfortunately, response from those university departments contacted has been slow to


date, possibly as the European academic year was already drawing to a close.

IMCA is now seeking members' advice to help identify additional specialist departments that may be able to facilitate this work.

Options include funding a PhD student over a three-year period, but alternative proposals for undertaking the projects would also be considered.

Members should advise any relevant contact details to Nick.Hough@imca-int.com in order for them to be contacted.



Windermere Business Centre
Oldfield Court
Windermere
Cumbria
LA23 2HJ
United Kingdom

Phone: +44 (0)15394 48233
Fax: +44 (0)15394 88999
E-mail: enquiries@mtcs.info
Website: www.mtcs.info



ROV Training and Competence Assurance

MTCS Ltd specialise in providing training and competence assurance to the ROV industry on an international basis.

Our services include:

New Entrant Training

MTCS Ltd source and train personnel with suitable backgrounds who wish to gain a career in the ROV industry. We ensure all personnel have a suitable technical background and offer CVs to contracting companies to appraise prior to placing a candidate on a course. Successful candidates are then trained and can be passed direct to the contracting company for employment. We will not place a candidate on a course unless they have been approved by an ROV contracting company.

Training Portfolio

We offer a wide range of technical training to contracting companies. The courses are designed to develop the specific skills of personnel in order that they can effectively operate, maintain and repair the ROV systems in the field. Courses include:

- ◆ ROV Control Systems
- ◆ Fibre Optic Testing and Repair*
- ◆ High Voltage Safety Awareness*
- ◆ High Pressure Hydraulic Safety Awareness*
- ◆ ROV Hydraulic Systems
- ◆ Fault Diagnosis Techniques
- ◆ Umbilical Retermination Procedures*
- ◆ ROV Piloting Operational Training
- ◆ Planning Dive Operations
- ◆ Supervisory Leadership and Assessor Training

*These courses are available as a distance learning package or classroom based.

MTCS also assists companies with the implementation of competence assurance schemes including assessment and verification of competence.

Courses can be either run at our training facility in Cumbria or at client's location and are tailored to specific client requirements.

Trust has to be earned...


DIVEX

Divex customers choose the **WORLD LEADERS IN DIVING EQUIPMENT TECHNOLOGY** because they **trust us to deliver - every time.**

Customer confidence underpins everything that Divex does - confidence in our world class design expertise and engineering facilities, in the competence of our personnel, in the quality and reliability of the equipment that we supply and in the Divex Global Facilities Network, which serves the international diving community 24 hours a day, 7 days a week.

When you're looking for a company to trust - trust Divex.



DIVEX LIMITED
Enterprise Drive, Westhill, Aberdeen, AB32 6TQ, UK
Tel: +44 (0)1224 740145
Fax: +44 (0)1224 740172
email: info@divex.co.uk
www.divex.co.uk

Divex strives to remain the first choice for international underwater operators in products support services and technology.



Spotlight on Wallace Robertson

Wallace Robertson is QHSE Manager for Well Ops UK Ltd (part of the Helix Energy Solutions Group) and has served as Chairman of the Safety, Environment & Legislation (SEL) Core Committee since 2006.

In this article, he discusses his 'day job' and provides a personal insight into the work the SEL committee is currently undertaking on behalf of members.



Please tell us a little about your company and its activities

Well Ops UK Limited (WOUK) was established in July 2002 by Cal Dive International, now the Helix Energy Solutions Group. WOUK conducts well intervention and subsea construction work from the Seawell and from 2009 with our new vessel the Well Enhancer. As a diving contractor WOUK is also able to provide diving support to our well intervention and subsea construction activities.

Recently, Well Ops UK became part of the Well Operations global business unit within Helix Energy Solutions.

What does your current job involve?

Presently I manage the WOUK QHSE team, providing quality, health, safety, security and environmental advice and guidance to the management teams, supervisors and workforce of WOUK both offshore and onshore. In addition I have responsibility for liaising with legislative authorities.

How did you get to where you are in your career today?

I started working offshore on diving support vessels more years ago than I care to remember. This introduced me to the importance of HS&E in the working environment, over the years my interest grew in all aspects of the subject, which developed through natural progression into a full-time career. I have been an HS&E professional now for 15 years. In that time I have investigated many incidents. Unfortunately, three of these incident investigations have involved fatalities. Witnessing at first hand the devastation on a family following the death of a loved one is very moving and makes me even more focused on improving HS&E.

The offshore industry is a very much safer place these days, although the decline in incident rates has slowed recently. What is the SEL committee doing to help members reach the zero-injury goal?

The SEL committee has a broad remit. In recent years we have been focusing on guidance in specific areas of HS&E, including how IMCA members can change the behaviour of individuals at our worksites. Our safety conferences have focused on this subject by sharing IMCA members' experiences with a wider audience. Many IMCA members now operate globally and dealing effectively with the cultural differences of geographic areas can be more difficult than dealing with the behaviour of an individual.

Our next safety conference, scheduled for 12-13 February in Abu Dhabi, UAE, will focus on how we manage safety in the global environment.

You're obviously deeply involved in IMCA - what do you see as the main benefits of membership for you and your company?

As an HS&E professional, I find the discussions I have through IMCA with other members are beneficial to fulfilling my role within my own organisation. Participation in committees and seminars raises the profile of my company and its commitment to HS&E. My assistance in developing global guidance will help my company and should help other members.

The safety information that IMCA generates for members benefits us all as part of our ongoing effort to improve. In WOUK we: circulate IMCA safety flashes providing real-time advice about incidents that could happen to us; benchmark ourselves against the annual IMCA member safety statistics to see how we perform compared with all other contractors, the other ICO members who are our peer group and other offshore contractors (such as the drillers whose

statistics are available from IADC); and we refer to IMCA's incident databases to learn from the analyses, trends and solutions that are published.

These benefits are all in my area of safety, but I see benefits coming to WOUK and other members from IMCA's other areas of work, not forgetting the IMCA Security Task Force, which though only recently established has delivered on several fronts.

What other issues are affecting the industry at the moment?

Like many individuals within the industry I am concerned about the skills shortage. The combination of a loss of experienced personnel and the introduction of new less experienced people may, if we are not careful, see our industry HS&E performance deteriorate. This would be a major step backwards for this industry.

What can be done about these challenges and how can IMCA help?

IMCA has already started working on this issue by the promotion of the marine and subsea construction industry in universities and graduate employment websites. It is bringing together the expertise of members to minimise the effect of the skills shortage. It is early days in this process and we may only be able to judge our success in several years' time.

How do you see the future?

There are still many challenges both locally and globally for IMCA, WOUK and for me personally. I have enjoyed the challenge of being the IMCA SEL committee chairman. My hope is that my time as chairman will see our committee grow in stature especially within the wider oil industry and be even more effective in dealing with the concerns of IMCA members.

Forthcoming events

- 23 August
Asia-Pacific Section
including guest session
Kuala Lumpur, Malaysia
- 4-7 September
Offshore Europe
AECC, Aberdeen, UK
Visit IMCA on stand 851
- 5 September
Europe & Africa Section
Meeting & Lunch Reception
alongside Offshore Europe
AECC, Aberdeen, UK
- 6-7 November
IMCA Annual Seminar:
"New Frontiers in Marine Contracting"
Paris, France
- 15 November
Americas Deepwater Section, including guest session
Houston, Texas, USA
- 19 November
Middle East & India Section
briefing seminar
Qatar
- 12-13 February 2008
IMCA safety seminar
Abu Dhabi, UAE
- 28-30 April
Middle East Workboats
Abu Dhabi, UAE
IMCA will be exhibiting

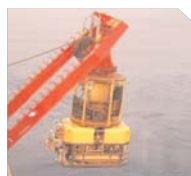
For full details on forthcoming IMCA events, including downloadable brochures, online registration and an extended calendar, please visit:

www.imca-int.com/events



New Frontiers in Marine Contracting

6-7 November 2007
Paris, France



Registration has now opened for this year's IMCA Annual Seminar. An exciting programme has been assembled, packed with a range of topics to interest all those active in the marine contracting industry.

The event features:

◆ Presentations

- A keynote session on contracting issues, with the IMCA President and senior oil company speakers participating
- Plenary sessions on topics of shared interest
- Parallel sessions on marine and diving topics

◆ Workshops

- A variety of discussion sessions, some building on the presentations given earlier each day, dedicated to key issues facing the industry

◆ Exhibition

- Supplier members of IMCA displaying their latest products and services

◆ Social events and networking opportunities

Book online now at
www.imca-int.com/events