

Safety gets personal

Biggest ever attendance and magic tricks as the IMCA safety seminar visits Anfield

140 delegates gathered at Liverpool football club's Anfield stadium on 1-2 February for the fifth annual IMCA safety seminar. The theme for this year's event was 'keeping safety personal' and what this meant was discussed in presentations detailing how safety and, in particular, behaviour based programmes were being managed within both member companies and their clients.

Wallace Robertson and Paul Blewett chaired the two days, which featured presentations, round table discussions and a bit of magic! During the first day, Jeff Burns of Fifth Dimension interjected on a number of occasions, performing tricks to reinforce, in a unique way using humour and magic, the key safety learning messages of the speakers, including the need to work together, to undertake the necessary risk assessment and to have appropriate dialogue.

David Forsyth opened with the presentation "What questions could I have asked?". He explained that keeping safety personal meant keeping safety real, communicating and sharing personal experiences and lessons learnt and creating a workplace environment and culture where no barriers, real or perceived, prevented questions from being asked. Other presentations discussed company-specific initiatives, providing much food for thought. Helge Jacobsen outlined the Statoil Safe Behaviour Programme, which focused on individual behaviour and integrated with long-term contractors, while Mat Schreurs outlined the Heerema @ease programme, focused on raising awareness of potentially dangerous situations through observation and discussion in a positive and educational way.



Thumbs up from delegates at Anfield during a Fifth Dimension session

On day 2, Matt Hort gave a thought-provoking presentation by posing a number of questions challenging delegates' understanding and implementation of behavioural-based safety. He looked at its common application in the industry and the drivers for its implementation, before outlining some of the difficulties in implementing effective behavioural-based systems. Through the use of case studies, he challenged the traditional focus, identifying that it concentrated on risk behaviour at the worksite, whereas management behaviour during all phases of a project also had a profound impact on safety performance.

The seminar also provided the opportunity of learning from incidents, with members presenting recent incidents and outlining the lessons learnt.

Round table discussion enabled all delegates to have their input. One session involved brainstorming the cultural and international barriers to making safety personal and identifying a solution to one of those barriers. This interaction proved very productive and IMCA intends sharing the solutions identified.

Also in this issue:

Addressing the skills shortage

Ensuring sufficient new recruits with the necessary skills enter the industry will be vital to ensuring its future success. IMCA has made this one of its major priorities for 2007.

[Find out more on page 5](#)

DP incident reporting

Member contributions to the IMCA reporting system have enabled the DP fleet to be ever safer with greater operational uptime, but more reports submitted could help even further.

[Learn how it makes a difference on page 12](#)

New faces at IMCA

Ian Giddings has joined IMCA as its third Technical Adviser. Meanwhile, IMCA has a new President in Knut Boe of Technip and long service at the secretariat has been celebrated.

[Meet the team on pages 2 and 7](#)

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

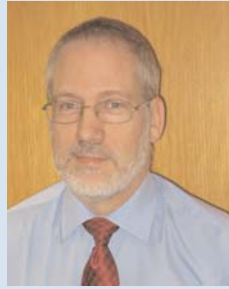
Remote Systems & ROV 14

Spotlight 15

on Derek Beddows

Forthcoming events 16

New faces at IMCA



Ian Giddings joined the secretariat team in December as its third Technical Adviser, working alongside Philip Wiggs and Nick Hough.

Coming from the Nautical Institute, where he was Director of Education and Training, with fourteen years' seagoing experience including time as a

DP operator, and having worked as a marine consultant and surveyor, he brings a wealth of skills which he is already putting to good use.

Ian will be working particularly to support the Marine Division, which has a particularly broad and deep programme of work.

Recruitment of diving adviser

IMCA is now seeking to recruit a fourth Technical Adviser, to support the work programme of the Diving Division Management Committee, with advertisements being published and full details placed on the website as we go to press.

For more details, see page 11 and www.imca-int.com

New IMCA President

Frits Janmaat of Allseas Group completed his two year term as IMCA President in December. During that time, membership rose by over one third (to stand at over 350 by the end of last year), while the work programme expanded into new areas and the association gained even greater recognition and support on a world-wide basis.

Knut Boe, Senior Executive VP with Technip's Offshore Branch, has now taken the reins as the new IMCA President (see article on p3) and Overall Management Committee Chairman.

Johan Rasmussen, Corporate VP and Legal Counsel of Acergy, is the new Vice-President.



Joe retires ...

After over 22 years working with AODC and IMCA, Joe Turner retired last month aged 87!

Having served under three secretariat heads - Tom Hollobone, Tony Read and Hugh Williams - in four office locations, Joe's role in recent years has been to prepare increasing numbers of logbooks and other IMCA publications for shipping, packaged into neat

parcels for safe delivery to members around the world.

At a lunch to celebrate Joe's service, Hugh Williams spoke for all his colleagues in noting how his dedicated work ethic would be missed, thanking him for his long service and wishing him every happiness in retirement.

Joe was presented with an inscribed clock/barometer set and bottle of whisky from IMCA plus a cashmere scarf from all of his colleagues.

... while Vicki marks twenty years' service

Vicki Graham joined secretariat colleagues in London in December to mark twenty years' service to AODC and IMCA as Certification Schemes Administrator, during which time the diving schemes have seen surging world-wide takeup and recognition.

Hugh Williams presented Vicki with a silver bracelet and champagne as an expression of IMCA's appreciation for her dedicated work over this time.



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:

- ◆ IMCA is collecting members' safety statistics for 2006 - are yours in? see page 4
- ◆ Do you have video footage that could feature in the new risk assessment DVD? see page 4
- ◆ Help IMCA to promote exciting careers in the offshore industry see page 5
- ◆ Provide any feedback now, as IMCA is updating its diving code of practice see page 11
- ◆ Report your DP incidents to IMCA and help improve industry safety and uptime see page 12
- ◆ Submit any suggestions ahead of the digital video review update see page 13
- ◆ Attend an event - see the IMCA calendar on page 16

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)

IMCA gains OTC supporter status

IMCA becomes a Supporting Organization of the Offshore Technology Conference and looks forward to a fruitful partnership.

Held annually in Houston, Texas, the Offshore Technology Conference, OTC, is among the most important in the global industry's calendar, attracting exhibitors, speakers for its technical programme and delegates from around the world for a broad and exciting programme.

While the event will be an important opportunity for IMCA to raise its profile with clients and potential members

in the USA, this partnership will also deliver benefits to OTC and its other industry participants, as IMCA members contribute their own experience and expertise to the technical programme and elsewhere throughout the conference.

This year's event takes place at the Reliant Center in Houston on 30 April-3 May.

Full details on OTC are available at www.otcnet.org



IMCA reception aboard HQS Wellington

IMCA is holding a reception aboard HQS Wellington, moored on the Thames in London, on 29 March 2007.

The event, already attracting a high level of interest, is aimed at bringing members and industry colleagues together for a social evening and to spread the word among a variety of guests, ranging from insurance brokers, underwriters and lawyers, through industry bodies and other associations, to member personnel and those who should be in membership.

The event takes place following the close of the MCE Deepwater conference which takes place in London on 27-29 March, where IMCA will be exhibiting on stand I0.

For more details, please contact Hugh Williams or Anna Jackaman at the secretariat - events@imca-int.com

Annual seminar 2007 takes shape

This year's annual seminar, entitled *New Frontiers in Marine Contracting*, will take place on 6-7 November in Paris. A call for papers has been issued and suggestions for topics or presentations would be welcome - e-mail events@imca-int.com

From the President



2006 was a good year for the marine contracting industry, with a high workload, lots of new projects entering the market and finally some signs of improvement on the balance in contractual terms and

conditions. Having said this, there is still a long way to go before we get close to the IMCA Contracting Principles.

For IMCA, 2006 was also a year of growth. This growth is seen both in members and in our staff, in order to provide our members with the best possible service.

For 2007, the picture remains positive for our industry and it is difficult to foresee anything other than the workload remaining at a very high level. This is good news for our industry, but it does not come without creating certain challenges as well.

The biggest challenge is related to people.

During 2007 and subsequent years we will see a lot of new tonnage entering the market. This is a necessity to satisfy the high workload. The new tonnage needs to be manned with highly skilled professionals in order to meet the requirements of the market with regard to execution and safety.

As an industry, we have a joint responsibility to attract new people and to provide them with the necessary training. Recruiting from your competitor will not contribute to anything except rising costs in the industry. In addition, raising our cost level above where we are today will not be good for the industry given the high cost increases we have already experienced during 2006.

Another challenge closely related to the people issue is safety. Working our people and assets harder, at the same time as recruiting people with less experience, will surely pose a safety challenge for all our members.

IMCA held its annual safety seminar on 1-2 February in Liverpool. Sharing experiences and learning from each other is probably more important than ever and we had both a big turn-out for and some great discussion at this event. IMCA is dedicated to contributing to the highest safety performance for its members.

Have a prosperous and safe 2007.

Knut Boe, Technip
IMCA President 2007

News from IMCA's core activities - SEL and TCPC

Call for safety statistics

Members are asked to submit their statistics for 2006 as IMCA undertakes its tenth annual benchmarking exercise

IMCA has issued its call to members for their safety statistics for 2006.

An annual report covering fatalities and injuries has been produced for the past nine years, with 51 contractor members contributing figures for 2005 - a record we hope to surpass again this year.

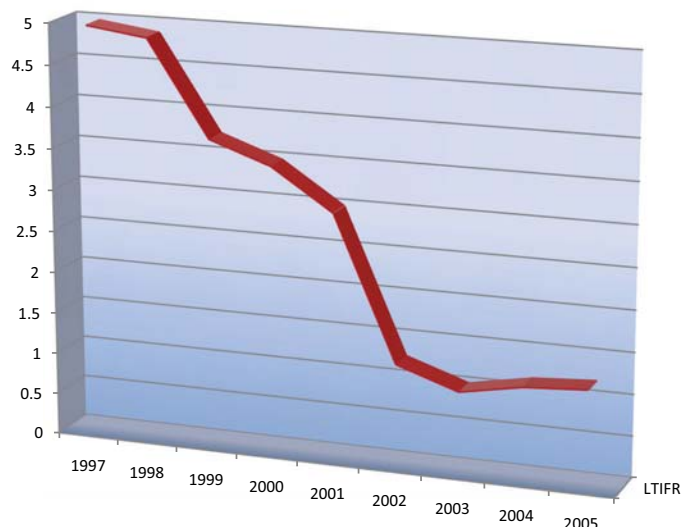
Although only one indicator of health, safety and environmental performance, safety statistics are nonetheless seen as providing a useful insight into the performance of a company in this area. The purpose of the statistics is to record the collective performance of IMCA contractor members each year and to enable them to benchmark their own performance.

For the fourth year, the resulting report will include analysis of leading performance indicators alongside the long-running lagging figures, plus the total recordable incident rate (TRIR) figure for members world-wide, allowing comparison with US data in line with OSHA definitions.

In-depth analysis

For the first time, IMCA is also asking members to contribute additional information on lost time incidents (LTIs) and fatalities.

Seven 'direct cause' categories have been set out for these: struck by; slips, trips and falls; vehicles; hazardous substances; caught between; dropped objects; and 'other'.



The lost time incident frequency rate for IMCA members, which has fallen from 4.96 incidents per million man hours in 1997 to under 1.2 in each of the past three years

At the time of writing, 20 contractor members had provided their data. If your company has yet to do so, please submit your figures - either using the IMCA Excel template provided or in your own company format - to

Nick.Hough@imca-int.com as soon as possible.

It is hoped to produce the final report on members' safety statistics promptly - members' assistance with this would be appreciated.

New IMCA security publications

The IMCA Security Task Force keeps up with its busy schedule of work to produce two new guides

Introduction to the ISPS Code (IMCA SEL 017)

IMCA members want to provide a safe and secure working environment for all of their workforces and fully endorse the International Ship & Port Facility Security Code (the ISPS Code). However, while vessel crews will be familiar with the code, others visiting the vessel or company port facility might not be.

This new guide has been developed not as an in-depth assessment of the ISPS Code, but rather an introductory note intended to aid those other parties with understanding the code and the reason for its implementation. It might also be useful as a general reference for all personnel.

Threat risk assessment procedure (IMCA SEL 018)

This new publication (IMCA SEL 018) outlines a procedure that is a simplified risk-based method of carrying out threat risk assessments.

The purpose of undertaking such assessments is to identify actual/perceived threats, then to initiate countermeasures and mitigating strategies to detect and deter threats, so reducing vulnerability to potential incidents.

In addition to improving security and safety, such an analysis may be a valuable aid in allocating resources, forward planning, contingency planning and budgeting.

Both documents have been circulated to members and are now available for downloading or for purchase in printed form.

Next safety poster being drawn up

Work has commenced on development of a third IMCA safety poster.

Once again, IMCA has commissioned a professional cartoonist, whose work is well recognised in the oil industry, to prepare a snappy and humorous poster on the

subject of working at height. The fundamental concepts for the poster, including its text, are based on the existing working at height safety pocket card (number 3).

It is anticipated that the poster should be ready around the end of the first quarter of this year.

Risk assessment DVD progressing well

The script for the forthcoming IMCA DVD on risk assessment has now been finalised by the workgroup responsible, which met recently to work on video footage and scenes for inclusion.

It is intended that the finished DVD will run to around 20-25 minutes. Various concepts were highlighted, based around the idea of changed circumstances and the need for risk assessment to be a working tool for practical safety that is personal to each worker.

The DVD may compare and

contrast today's safety culture with that of the early days of the offshore oil industry, before moving on to explain how risk assessment can assist in coping with everyday tasks in circumstances of increasing complexity and difficulty. In the final moments of the DVD, viewers will be asked how they have left the workplace a better, safer environment for their colleagues.

Members are invited to submit any video footage which could possibly be included.

Tackling the skills shortage

IMCA further strengthens efforts on behalf of members to attract new recruits to the industry

Economic growth is warmly welcomed world-wide. It ensures the future of countries, market sectors, companies and employees. Unfortunately, however, it brings its own set of problems - problems that the marine construction and offshore engineering sector is now being forced to face. A serious skills shortage is hitting the market.

IMCA has been an active participant in the skills shortage debate and wants to do more. In 2007, IMCA has committed additional funding to work publicising the exciting careers available in the offshore industry and to attract new recruits.

In December, IMCA issued a widely-publicised press release (available on our website) that used members' practical estimates of growth to quantify the additional future demand for personnel in key positions the industry will need to recruit.

In parallel, IMCA has been taking steps to address the supply of new personnel, by updating its careers material and pushing it strongly at a school, college and university level.

- ◆ IMCA's long-running 'I want to be' series of careers leaflets was fully reviewed and updated in 2006, republished as illustrated factsheets covering positions across the industry, available in printed sets or for free download (www.imca-int.com/careers). Each details a specific role working offshore, including education and training requirements.
- ◆ A new set of case studies is being developed, with those covering offshore survey disciplines newly live on the website. These combine personal descriptions of what each job entails with details on the individuals' own careers, the work opportunities they are presented with, the range of projects they've worked on and other highlights such as travel and global experiences.
- ◆ Further, IMCA has just commissioned the development of a glossy brochure on the vast array of exciting careers available offshore, aimed at those at school, college and university.

With this wealth of information on what readers of this newsletter will personally know as the attractions of the offshore industry, IMCA is now working with schools, colleges, universities and other education establishments, as well as careers and recruitment websites to make these materials more widely available to students and other potential recruits.

Further, IMCA is helping set out the need for relevant courses to be available that will help ensure new recruits are well prepared for the often technically demanding roles, both by promoting existing IMCA syllabi and more generally. An introductory/familiarisation course for offshore survey is a particular goal.

The committees and secretariat are working through various organisations and networks in pursuit of these goals. However, all members can assist by providing details on relevant organisations and establishments in their own locality, to help spread the message wider and deeper. Please contact imca@imca-int.com with your input.



SeaSafe

Marine and Safety Consultants

Your complete marine manning solution

We supply marine vessel officers and crews of many nationalities, complete with professional courses required by your charterers and with the visas and work permits required for the area of operation. Full vessel manning or part vessel manning contracts

**Please contact Mike Kelly on +673 8 777 230
mike.kelly@nautika.net**

SeaSafe Marine & Safety Consultants

Lot 5209, Lrg Setia Di-Raja
PO Box 895
Kuala Belait KA 3131
Brunei Darussalam

Phone: +673 3 332 759

Fax: +673 3 336 021

TRAINING FOR THE SUBSEA INDUSTRY



COURSES FOR NEW & SENIOR PERSONNEL

- DIVING FAMILIARISATION
- CLIENT REP COMPETENCY
- DIVE SYSTEM AUDITOR
- DIVE TECHNICIAN



NATIONAL HYPERBARIC
CENTRE

tel: +44(0)1224 698 895

www.nationalhyperbariccentre.com

Regional news

Elections update

Elections have taken place for a number of regional section officers in recent months.

The Europe & Africa Section has a new vice-chairman in Brian Leith, Vice President Marine Assets of Acergy.

Tony Duncan, Acergy Regional VP North America and Mexico, is the new vice-chairman of the Americas Deepwater Section.

There are various changes to the world-wide committees, with the full set of current regional representatives listed on page 7.

Thanks are extended to all those who participated in the elections and also to those who have served on the various committees and in sub-group leadership roles over recent years.

Asia-Pacific Section

The Asia-Pacific Section held a well-attended meeting in Perth last month. After the members-only session, the meeting was joined by a number of oil company personnel and guests. Representatives from the Australian National Offshore Petroleum Safety Authority (NOPSAs) also joined the meeting, providing an opportunity for useful discussion on issues arising from the Australian safety case requirements. NOPSAs updated members on its activities, including alerting members to two proposed forthcoming safety case workshops.

In the afternoon, Neil Yann of Technip gave a thought-provoking presentation on lifting in the marine environment, where he identified a number of the engineering aspects which need to be considered, particularly when lifting through the splash zone.

This was followed by two workshops: one on diving/ROV operations in the vicinity of piling operations and the use of divers and ROVs; and the other on competence of lifting personnel.

IMCA was pleased to welcome Paul Butler of the Australian Diver Accreditation Scheme to the meeting. ADAS has recently been developing its offshore diving supervisor scheme and Jane Bugler (IMCA Technical Director) joined with Paul Butler (ADAS Executive Director) to sign a memorandum of understanding for the mutual recognition of offshore diving supervisor certificates, pictured below.



IMCA E&A goes to Cape Town

The next meeting of the IMCA Europe & Africa Section is to be the first to take place in Africa.

A section meeting and briefing seminar has been arranged for 27 February at the Table Bay Hotel in Cape Town.

The day's programme includes the usual members meeting, followed by an afternoon seminar with presentations covering: current IMCA activities; the new South African diving

regulations; a member's own operational assurance auditing; health and safety statistics; and DESIGN audits of diving systems.

Invitations have been sent widely to members, potential members, clients and others involved in the local industry, with a good response so far.

Anyone with suggestions for additional invitees or wishing to register for the seminar should contact events@imca-int.com

Americas Deepwater Section

The section's quarterly meeting is taking place as we go to press. A full update will appear in the next issue.

Middle East & India Section

The section held a well-attended meeting in Jebel Ali in December. Following the successful briefing seminar in Abu Dhabi in September, it was agreed to hold a second such event.

Plans are now underway for this to take place in the morning of 2 April in Jebel Ali, with a client briefing seminar including presentations on IMCA and its guidance. A members-only section meeting will follow that afternoon. Details will be provided to members in the coming weeks.

Member request leads to new guidance on mooring plans

In information note IMCA M 02/07, IMCA sets out high-level general guidance for creating offshore mooring plans for support vessels and barges (but not pipelay vessels), such that a common format is available for use by all.

The development of this guide was initiated as a direct result of requests from members at meetings of the IMCA Middle East & India Section, followed by discussion and consultation at a world-wide level. This demonstrates the value of the regular quarterly meetings - if you haven't attended one recently, take the opportunity to do so soon!

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

Vicki Graham
Certification Schemes Administrator
for diving supervisors and LSTs

Adam Hugo
Support Services Manager
- documentation
- member records
- subscriptions
- website and IT issues

Nina Adams
Senior Administrator
- publication sales

Anna Jackaman
Senior Administrator
- events management

Parul Patel
Administrator
- events registration and administration
- meeting attendance responses

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
Paul Blewett, Acergy

TCPC: John Greensmyth, Technip
Mark Elder, Subsea 7

Diving: Alan Forsyth, Subsea 7
Derek Beddows, Technip

Marine: Pete Somner, Subsea 7
Pete Fougere, Transocean

Offshore Survey:

Will Primavesi, Saipem

Walter Steedman, Subsea 7

Remote Systems & ROV:

Kevin Kerins, Oceaneering

Andrew Beveridge, Fugro-Rovtech

SEL Core Committee

Chairman: Wallace Robertson, Helix ESG

Vice-Chairman: Paul Blewett, Acergy

Paola Santoli, Allseas

Dave Forsyth, Bibby Offshore

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

Fiona McKenzie, 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: Keith Lewis, Acergy Asia Middle East

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

Keith Noble, Hallin Marine

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, Acergy Asia Middle East

Middle East & India: Steve MacMillan, J Ray McDermott

Marine Division MC

Chairman: Pete Somner, Subsea 7

Vice-Chairman: Pete Fougere, Transocean

Arnfinn Vika, Acergy

Berend de Ruiter, Allseas

Anders Waage, DOF Management

Michiel Goedkoop, Heerema Marine Contractors

David Blencowe, Maersk Supply Service

Steve Woodward, Technip

Kjell Egil Helgøy, Teekay

Americas: Mark Canada, Transocean

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

Ray Morgan, Acergy

Stuart Reid, Andrews Survey

Keith McGregor, DeepOcean

Ian McKenzie, Fugro Survey

Peter Thomas, Maritech

Brian Beard, Noordhoek Offshore

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 Ingebretsen, Oceaneering International

Keith Robathan, Saipem

Neil Milne, Subsea 7

Dave Walker, Technip

Americas: Pat Mannina, Oceaneering International

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

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

Regional Section Vice-Chairman

Americas: Tony Duncan, Acergy

Asia-Pacific: Mark Shepherd, Mermaid Maritime

Europe & Africa: Brian Leith, Acergy

Middle East & India: Sean Brunton, SMIT Terminals

International Contractors

Aceryg

Allseas Group

Heerema Marine Contractors

Helix Energy Solutions Group

J Ray McDermott

Saipem

Subsea 7

Technip

Contractors

Aceryg Asia Middle East
 Algosaihi Diving & Marine Services
 Allied Marine & Equipment Sdn Bhd
 AlMansoori Production Services LLC
 Andrews Survey
 Aqua Diving Services
 Arabian Gulf Mech. Svcs & Ctrg Co.
 Atlantic Towing Ltd
 Bakri Navigation Company 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
 Dolphin Drilling Ltd
 Dolphin Offshore Enterprises (India)
 Dulam International Ltd
 EDT Offshore
 EGS (Asia) Ltd
 EMAS Offshore Pte Ltd
 Fairmount Marine bv
 Far Eastern Shipping Company
 Finstasht/Shipping Enterprise
 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
 Geo Subsea Pty 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
 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)
 Master Tech Diving Services
 Med Marine
 Mediterranean Survey and Services
 MENAS
 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 Oil Eng. Co. Ltd (COOEC)
 Offshore Technology Solutions Ltd
 Offshore Works Sdn Bhd
 OSM Ship Management AS
 Pacific Richfield Marine Pte Ltd

PT Patra Dinamika
 Petroleum Marine Services Company
 PFCE Ocean Engineering Sdn Bhd
 Pride International
 Prosafe Offshore Ltd
 RBG Ltd
 Riise Underwater Engineering AS
 Rolv Berg Drive AS
 Saibos sas
 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
 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
 Submersible Television Surveys Ltd
 Subsea 7 Asia Pacific
 Subsea Petroleum Services
 Subtec Middle East Ltd
 SvitserWijmuller
 Swire Pacific Offshore Services
 Technip Offshore Contractors Inc.
 Technip Subsea 7 Asia Pacific
 Teekay Norway AS
 Tideway Marine & Offshore
 Timsah Shipbuilding Company
 TL Geohydrographics Sdn Bhd
 Total Marine Technology Pty Ltd
 Transocean
 TS Marine (Contracting) 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
 Air Products Singapore Pte Ltd
 Analox Sensor Technology Ltd
 Ashtead Technology (SEA) Pte Ltd
 Bourbon
 Brunvoll AS
 Circle Technical Services Ltd

Converteam Ltd
 CUEL Ltd
 Cynergetix Pte Ltd
 Divex Ltd
 Drass Galeazzi Underwater Technology
 Franklin Offshore International
 Frontier Offshore
 Global Gas Supplies Pte Ltd
 Great Offshore Ltd
 Hydra Marine (Pty) Ltd
 Hyperbaric Technology BV (Hytech)
 Kenz Figuee BV
 Kirby Morgan Dive Systems
 Kongsberg Maritime AS
 Kongsberg Maritime Ltd
 L-3 Communications
 Lexmar Engineering Pte Ltd
 Marine Survey & Services Int
 Measurement Devices Ltd
 Modern Computing Services (MCS)
 Nautronix plc
 Navis Engineering Oy
 Offshore Construction Services
 Offshore Joint Services
 Offshore Logistics (Asia Pacific)
 Pacific Commercial Diving Supply
 Perry Slingsby Systems Ltd
 PT Advanced Oil & Gas Consulting
 Rolls-Royce Oy Ab
 Rolv Berg Drive AS
 ROV Supply Pte Ltd
 Schilling Robotics LLC
 Sea and Land Technologies Pte Ltd
 Seaeeye Marine Ltd
 Sealion Shipping Ltd
 Seatools BV
 Sonardyne Asia Pte Ltd
 Sonardyne International Ltd
 Subsea Vision Ltd
 SureSpek ISS Pty Ltd
 The Tritanium Company bv
 Umax Ltd
 Unidive Marine Services Pte Ltd
 Unique System FZE
 Viking Offshore Services

Suppliers of services

Abermed Ltd
 Advanced Marine
 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 Services Ltd
 DOWC
 Electrical Power Engineering Ltd
 Falconer Bryan Pte Ltd
 Franklin Offshore International
 Frontier Offshore
 Global Gas Supplies Pte Ltd
 Global Maritime
 Goodrich, Riquelme y Asociados, AC
 Houlder Insurance Services Ltd
 KB Associates Pte Ltd
 Lexmar Engineering Pte Ltd
 Marine Cybernetics
 Modern Computing Services (MCS)
 Nautronix plc
 Navigare International Inc.
 Noble Denton Consultants Ltd
 Noble Denton Middle East Ltd
 Noble Denton Singapore Pte Ltd
 NUI AS
 Offshore Commissioning Solutions
 Offshore Joint Services

PAE Singapore Pte Ltd
Perry Slingsby Systems Ltd
Petroleum Development Consultants
Poseidon Maritime (UK) Ltd (PML)
Promarine Ltd
QinetiQ
Schilling Robotics LLC
Seasafe Company
Sebastian AS
Subsea Vision Ltd
SureSpek ISS Pty Ltd
The Tritanium Company bv
Velosi Certification Bureau Ltd
Viking Offshore Services
Wavespec Ltd

Training establishments

Aberdeen Skills & Enterprise Training
Ålesund University College
Banff & Buchan College
PT Barron International
Bergen University College - Diver Ed.
Bibby International Services (India)
Centre for Marine Simulation
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
Energy & Mining Training Solutions
ex+med UK Ltd
Falck Nutech bv
Force Technology
Global Marine Systems Ltd
Holland College - Georgetown Centre
Holland College - Marine Training Centre
Hydrolab-HydroCAT
INPP
The Institute of ROVs
Interdive Services Limited
Kirby Morgan Dive Systems
Lowestoft College
Maritech Group
Maritime Institute Willem Barentsz
Maritime Training & Competence Solutions
MOG Industry Training Co. Ltd
National Hyperbaric Centre
National Oceanography Centre
National Polytechnic College of
Engineering and Oceaneering
Netherlands Diving Centre
The Ocean Corporation
PetroVietnam Manpower Training College
Poseidon Maritime (UK) Ltd (PML)
Power & Generation Services
Professional Diving Academy
Professional Diving Centre
Satakunta Polytechnic
PT SBS Indonesia
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)
WA Maritime Training Centre - Fremantle
West Coast Commercial Diving School

Personnel agencies

Ace Diving Services CC
Advanced Offshore Contractors
Amberjack Oil & Gas Recruitment
Services bv
Aqua Omega Services Pvt Ltd
Dave Oliver Hydrographic Services
De Moura Shipping Ltda

DOOR International BV
Gurkha International Manpower Svcs
Hydrosud Ltd
Maritech Group
Oceanscan Ltd
Offshore Marine Services Pty Ltd
Oilfield Medics UK Ltd
Petrodis
PR Offshore Services Ltd
PT SBS Indonesia
SubNet Services Ltd
Technocean AS
UK Project Support Ltd

Corresponding Members

Abu Dhabi Marine Operating Company
Agi Kazakhstan North Caspian Op. Co.
AISI
Azerbaijan International Operating Co.
Bapco - The Bahrain Petroleum Co.
BG Group
BHP Billiton
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
Kuwait Oil Company
Maersk Oil Qatar AS
Mobil North Sea Ltd
Murphy Sarawak Oil Co. Ltd
Nederlandse Aardolie Maatschappij BV
Oil & Natural Gas Corporation Ltd
Petro Canada - Terra Nova Project
Petrobras
Premier Oil Natuna Sea
PTT Exploration & Production plc
Sarawak Shell Berhad
Shell International E&P
Shell Petroleum Development Co. of
Nigeria
Shell Todd Oil Services Ltd
Star Energy (Kakap) Ltd
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

Naval units

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

Recent name changes

- ◆ Siem Rovde is now *Siem Offshore*
- ◆ SBM Production Contractors
is now *SBM Offshore*
- ◆ Sribima Maritime Training Centre
is now *SMTC Global Inc.*

IMCA welcomes the following new members:

- ◆ **Abermed Ltd**
- ◆ **Ace Diving Services CC**
- ◆ **Bourbon**
- ◆ **Chevron Shipping Co.**
- ◆ **Construction Services Ltd**
- ◆ **Dana Petroleum plc**
- ◆ **EMAS Offshore Pte Ltd**
- ◆ **Geo Century Ltd**

Geo Century, part of the Geo ASA group, provides survey, vessel, ROV and integrated remote subsea system technology services in all major offshore regions. The Geo ASA group operates a large fleet of modern DP II, light construction support vessels on a global basis.

Tel: +44 (0) 1224 285 999 Web: www.geoasa.no

- ◆ **Goodrich, Riquelme y Asociados, AC**
- ◆ **Great Offshore Ltd**
- ◆ **Huta Marine Works Ltd**
- ◆ **Independent Risk Solutions BV**

The company is an insurance broker and risk consultancy providing, in particular, services to the marine, offshore, contracting and dredging industry. Services offered include insurance arrangements and advice for all types of world-wide operational fleet and equipment activities, builders risks and construction works and relevant third party, contractual and employers' liability protection programmes, plus cargo shipments and towage risks.

Tel: +31 10 44 00 555 Web: www.irs-risksolutions.nl

- ◆ **National Petroleum Construction Company (NPCC) Survey**

NPCC, based in Abu Dhabi, UAE, for over thirty years, is a major EPC contractor to the oil and gas industry in the Middle East. NPCC Survey provides full land, offshore survey and ROV services in support of NPCC's operations in the Arabian Gulf and Indian sub-continent. NPCC Survey also provides survey services to external clients, addressing the full scope of construction, geophysical, hydrographic and geomatic services.

Tel: +971 2 502 3212 Web: www.npcc.ae

- ◆ **Navis Engineering Oy**
- ◆ **NICO Middle East Ltd**
- ◆ **Offshore Joint Services**

OJS is a specialist in the provision of coatings on offshore pipeline field joints. Its products and application services include: anti-corrosion protection coatings; field joint infill on concrete weight coated (CWC) pipelines; and thermal insulation coatings. Providing fast, reliable and high quality systems, the company also holds a number of world records.

Tel: +1 (281) 578 6223 Web: www.ojs.com

- ◆ **Offshore Oil Engineering Co. Ltd (COOEC)**
- ◆ **Petroleum Development Consultants Pty Ltd**
- ◆ **PT Ekanuri Indra Pratama**
- ◆ **PT SBS Indonesia**

SBS was incorporated in Jakarta in November 2004 in response to increasing demand for specialist underwater engineering support in the Indonesian offshore oil and gas industry and wider region. With additional support from its UK-based sister company established in 1989, the company delivers training in the mitigation of high-risk commercial oilfield diving activities.

Tel: +62 21 718 2223

- ◆ **Seneca College - Underwater Skills Program**

Seneca College of Applied Arts and Technology in Toronto has been offering its intensive underwater skills program since 1973, providing students with the required training to receive Diver Certification Board of Canada certification as an unrestricted surface supplied diver, while certification in underwater welding (CWB, AWS) and diver medic (IMCA) is also available.

Tel: +1 (416) 491 5050 Web: www.senecac.on.ca/uws

- ◆ **Solstad Shipping AS**
- ◆ **Submersible Television Surveys Ltd**
- ◆ **Total Marine Services**
- ◆ **Vastalux Sdn Bhd**
- ◆ **VTT Maritime 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:

- ◆ **Guidance on the investigation and reporting of incidents** (IMCA SEL 016)
- ◆ **Introduction to the International Ship & Port Facility Security Code (the ISPS Code)** (IMCA SEL 017)
- ◆ **Threat risk assessment procedure** (IMCA SEL 018)
- ◆ **Hazardous substances safety guide** (IMCA safety pocket card 15)
- ◆ **Contract for the provision of ROV, support vessel and associated work** (IMCA R 013)

Safety flashes:

- ◆ **Safety flash 13/06** - covering 2 incidents: Flash fire in gas supply equipment onboard dive support vessel; Open lifeboat - corroded tie band side plates
- ◆ **Safety flash 14/06** - covering 2 incidents: DP run-off incident - class 2 DP vessel; Near-miss - divers nearly hit by weight on taut wire

Information notes:

Safety, Environment & Legislation (SEL)

- IMCA SEL 27/06 - EU maritime policy green paper
- 28/06 Malaria management programmes
- 29/06 Marine Accident Investigation Branch (MAIB)
- 01/07 SEL documents issued in 2006
- 02/07 Surveys of ship security
- 03/07 USA offshore passport and personnel identification: Western Hemisphere Travel Initiative (WHTI)

Training, Certification & Personnel Competence (TCPC)

- IMCA TCPC 18/06 - DP operator training and logbooks
- 01/07 TCPC documents issued in 2006
- 02/07 Surveys of ship security
- 03/07 USA offshore passport and personnel identification: Western Hemisphere Travel Initiative (WHTI)
- 04/07 IMCA logbooks and competence records
- 05/07 Feedback sought: IMCA guidance on systems and methods of communication in lifting operations
- 06/07 Diving supervisor certification: Mutual recognition agreements

Diving Division

- IMCA D 10/06 - Changes to IMCA certification schemes: Age discrimination
- 11/06 Changes to life support technician training and certification requirements
- 12/06 Medical examination of divers: Middle East & India initiative
- 13/06 Diving cylinder threads and wall thickness
- 01/07 Diving Division documents issued in 2006
- 02/07 IMCA logbooks and competence records
- 03/07 Feedback sought: IMCA guidance on systems and methods of communication in lifting operations
- 04/07 Diving supervisor certification: Mutual recognition agreements

Marine Division

- IMCA M 26/06 - EU maritime policy green paper
- 27/06 DP operator training and logbooks
- 28/06 Marine Division Management Committee: Election results
- 01/07 Marine Division documents issued in 2006
- 02/07 Guidance on mooring plans
- 03/07 Surveys of ship security
- 04/07 USA offshore passport and personnel identification: Western Hemisphere Travel Initiative (WHTI)
- 05/07 IMCA logbooks and competence records
- 06/07 Feedback sought: IMCA guidance on systems and methods of communication in lifting operations
- 07/07 DNV hardware-in-the-loop developments

Offshore Survey Division

- IMCA S 01/07 - Offshore Survey Division documents issued in 2006
- 02/07 IMCA logbooks and competence records
- 03/07 Feedback sought: IMCA guidance on systems and methods of communication in lifting operations

Remote Systems & ROV Division

- IMCA R 01/07 - Remote Systems & ROV Division documents issued in 2006
- 02/07 IMCA logbooks and competence records
- 03/07 Feedback sought: IMCA guidance on systems and methods of communication in lifting operations

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

Diving Division

Diving supervisor and LST certification

As the latest update of IMCA's certification scheme document (IMCA D 013) is published, it seems an opportune moment to brief new members and remind old hands about how the scheme operates.

Certification is offered to suitable offshore air and bell diving supervisors and life support technicians who have followed the process of initial training, experience at trainee/assistant level then, following nomination by their employer to sit and successfully pass the relevant IMCA examinations.

All applications for examination entry must come from the candidate's current (or most recent) employing diving contractor and be signed by the company's nominated authorised signatory (the safety/diving/operations manager or person of similar standing), who should submit the application directly to the IMCA Certification Schemes Administrator, Vicki Graham, at least fourteen days before the proposed exam date. Once a candidate has been accepted to sit (which will be advised to the company and also to the candidate if an e-mail address has been provided), either the company or candidate contacts Vicki to arrange a date and venue for the exam.

It is possible to sit IMCA exams in most countries and dates are arranged on an as-required basis and, wherever possible, are arranged to suit the candidate. Companies (and candidates, where possible) are advised of the results as soon as they are known and certificates are usually issued within 28 days. In the case of failure, companies and candidates are advised of the procedures for re-sitting (at least 30 days from date of failure).

New information sheets for both companies and candidates setting out in full the procedures relating to IMCA examinations have just been produced and are now being made available to Diving Division members.

IMCA seeks diving Technical Adviser

IMCA is looking to recruit a fourth Technical Adviser, to focus on supporting the work programme of the Diving Division.

The role will cover a wide range of activities, including: preparing reports relating to good technical practice, health and safety; drafting and managing IMCA studies; committee work; and interacting with member companies, government and international agencies.

The successful candidate will have experience of offshore diving and marine operations, first class presentation skills (written and verbal) and a good knowledge of the offshore oil and gas industry. An engineering or related background would be preferred.

Advertisements have been placed as we go to press, with full details available on the website (www.imca-int.com). Please contact Hugh Williams for any further information.

IMCA diving code under review

The industry-leading *IMCA International Code of Practice for Offshore Diving* (IMCA D 014) is under review.

Originally published in April 1998, the code has helped contractors around the world ensure the safety and efficiency of their offshore diving operations and has provided a good, consistent document on which clients can base their understanding of contractor capabilities. In the intervening nine years, a substantial amount of IMCA guidance has been written or updated and technological advances have continued. A consultant has been commissioned to undertake revision and updating, together with a workgroup established by the Diving Division Management Committee.

Members are welcome to provide input - please contact Jane.Bugler@imca-int.com to submit your comments.

New DMAC publications

IMCA is pleased to support the work of the Diving Medical Advisory Committee (DMAC) - an independent grouping of diving medical specialists which provides advice on medical and certain safety aspects of commercial diving.

So far this year, the committee has published two guidance notes - the first is an updated guide to the arrangements for *Approval of Diving Medicine Courses* (DMAC

29 Rev. 1). DMAC has received a number of applications for approval, with details on currently approved courses and the approval process available online.

The second publication is a cautionary note on *Management in divers of osteonecrosis at Ficat stage 1* (DMAC 30).

Both publications are available as free downloads from the DMAC website at www.dmac-diving.org

Chain lever hoist workgroup formed

Principally as a result of an incident where a chain lever hoist failed in a subsea operation, IMCA recently facilitated a meeting to discuss issues arising from the subsea use of chain lever hoists.

A workgroup has now been formed, including representatives from Acergy, Subsea 7, Technip, BP, Shell, the UK Health & Safety Executive, the University of Bradford, Grampian Test & Certification and IMCA. The workgroup has discussed research proposals and the distribution of information relating to the initial incident.

Members should watch for the issue of an IMCA safety flash and information note. Any company which wishes to assist in the group or with the proposed research should contact Philip.Wiggs@imca-int.com


looking after the air YOU breathe!

Bell diving carries enough risks, let Analox help you remove some;



Fit an Analox Hyper-Gas MKII™, and you can protect your divers from the dangers of Hydrocarbon contamination due to offgassing.

With an Analox Sub MKIIF™ Analyser, the sensor modules can be sited within the Bell, giving speedier response, even at pressures up to 60 Bar.



Tried, tested, proven - Analox analysers the best solution

For further information or details of your nearest distributor go to our website www.analox.net

Marine Division

DP incidents

Marine Division keen to improve member reporting, to enable broader analysis and action to be taken on lessons learnt through its wider work programme.

Many industries have voluntary confidential incident reporting schemes and from the analysis of these incidents lessons are learnt and improvements to guidance, procedures and practices are made. The Marine Division is keen to improve the reporting of DP incidents by its members to enable a broader analysis to be made, to better identify trends and to take action on the relevant lessons learnt through its work programme.

Some incidents are repeated over the years clearly demonstrating that the lessons are not being taken onboard or are being forgotten by those who most need to learn from these.

For example, one recent incident involves the movement of a taut wire clump weight being moved in the vicinity of divers working on the seabed. Incidents similar to this have occurred since the early days of the use of DP for dive support vessels yet this continues to occur. It is obvious that this is an operator error and the lesson needs to be restated so that it is not repeated if possible.

This year an incident report has been received where the suggestion has been made that the lessons learnt should be incorporated into a DP training course. The sharing of this information through shore based DP training courses or onboard DP



training exercises, if time allows, is an effective way of alerting DP personnel to the causes and remedies in these incidents.

In 2005 a total of 36 incident reports, a similar number to the previous year but less than in many of the preceding

years, from across the full range of vessel types was analysed. This analysis will be published in due course.

Reporting forms are available on request from IMCA (imca@imca-int.com) or for downloading from the members-only website.

IMCA lifting guidelines taking shape

Good progress is being made on finalising the planned IMCA lifting guidelines, with much member input having been provided for this work.

The final document will include generic guidance on lifting, setting out how companies can plan, undertake and review

lifting operations, with appendices giving relevant examples.

Anyone interested in participating in the Crane & Winch Operations Workgroup, which is leading on this work, is invited to get in touch with Philip.Wiggs@imca-int.com

Review of offshore lifting communications

IMCA is seeking to gather information on communications used in offshore and onshore lifting operations to help us produce good practice guidance for members and others in the maritime industry.

It is increasingly recognised that there are significant risks associated with lifting activities which occur across different work sites, with a variety of lifting equipment and with a diverse range of personnel.

Under the Marine Division Crane & Winch Operations Workgroup, a consultant has recently been commissioned to

take this project forward and input from members is being sought.

The information requested specifically includes, but is not limited to:

- ◆ operating or communication procedures
- ◆ schematic diagrams of communication links
- ◆ guidance documents and other material used in planning and system use
- ◆ any problems or challenges faced in maintaining effective communications

To contribute, please contact Philip.Wiggs@imca-int.com

Addressing concerns over the use of hold-back vessels

Situations may arise where, as a result of a risk assessment, it is deemed necessary to provide additional safeguards to prevent a potential loss of position of a DP diving vessel. In recent years there have been some occasions where it has been decided that these additional safeguards may include securing a towing vessel to the diving vessel to act as an 'anchor' in the event of the diving vessel losing power or 'blacking out'.

New guidance from the Marine Division sets out the detailed concerns relating to such practices, identifying alternative risk control measures that should be considered first, then discussing the additional hazards that connection of a hold-back vessel to the diving support vessel introduces.

Should there be no reasonable alternative, factors to be considered when selecting an appropriate hold-back vessel - such as DP class, vessel size, bollard pull and DP/marine management - are set out, along with practical considerations covering wire selection, use of a weak link, wire connection, quick-release arrangements, towing point, wire length and catenary, relative positioning of vessels, pre-task planning, communications and actions to be taken in the event of position loss and other undesirable occurrences.

The new guidance is now being prepared for publication and should be available in the next few weeks.

Offshore Survey Division

Deepwater acoustics presentation

IMCA to present paper at prestigious Geilo seminar

Through the efforts of the Offshore Survey Division Management Committee, IMCA has been invited to present a technical paper at the prestigious annual conference of Norwegian offshore survey professionals, held at Geilo in the first week of February.

The committee agreed that the current work on deepwater acoustic positioning would make an appropriate topic for presentation, in light of the ongoing development of draft guidance by consultant Gordon Johnston, who has also agreed to deliver the presentation on behalf of IMCA.

The draft guidance is currently under review by a small technical workgroup under the committee, with publication anticipated during the first half of 2007.

Update of digital video review

IMCA published "Digital video offshore - A review of current and future technologies" (IMCA S 008/R 012) in September 2005.

At that time, it was intended that the document would act as a snapshot of the state of digital video technology available to the offshore industry. Because digital video is a new and fast developing area, it was intended to revisit the document regularly, to ensure it remains up-to-date.

The Offshore Survey and Remote Systems & ROV divisional management committees, which oversaw

the workgroup development of the original document, have discussed commencing a review and believe that the time may soon be right for this, in light of the technological advances and changes in digital video techniques that have occurred in the intervening months.

Any members with feedback on the current document are welcome to submit it to the secretariat in advance of the re-establishment of the workgroup, which will then take forward the review and updating process.

IMCA supporting Ocean Business event

IMCA is a supporting organisation of the newly launched *Offshore Survey 07* technical conference and *Ocean Business* event, taking place at the National Oceanography Centre, Southampton, UK, on 27-28 March 2007.

The *Offshore Survey* conference is a two-day technical event focusing on the business issues in the global field of offshore surveying. *Ocean Business* incorporates an exhibition with a hands-on training and demonstration programme utilising the vessels, test tank, dockside and classrooms of the centre.

IMCA will be present in the exhibition, with a number of members involved in the two events as exhibitors, technical presenters and/or delegates. We hope to see a number of familiar faces and to introduce IMCA Offshore Survey Division to an even wider audience.

For full details or to register, visit www.oceanbusiness2007.com or www.offshoresurvey.co.uk



Dynamic Positioning Training

'Sir Derek Bibby DP Centre'

Mumbai

Building on our 200 years of heritage, we are proud to provide crew management and training solutions to the global maritime and offshore industries.

For information on the training services provided by India's first fully accredited Dynamic Positioning Training Centre, contact:

Sir Derek Bibby DP Centre
 Tel: +91 22 244 63 565 Email: dpdesk@bis-india.com

For information on manning services provided by the Bibby International Services Group, contact:

United Kingdom Office Tel: +44 1624 687200 Email: enquiries@bisiom.com www.bisiom.com	India Office Tel: +91 22 2673 2630 Email: enquiries@bis-india.com www.bibbyindia.com	Philippines Office Tel: +632 671 5591 Email: bisman@info.com.ph www.bibby.com.ph
---	---	--




BLADE OFFSHORE SERVICES

We provides exceptional specialist services to the marine and offshore industry.

Our core services include:

- Failure Mode Effect Analysis (FMEA and FMECA)
- Critical Systems Analysis
- Drilling Systems Design
- Technical and Operational Risk Assessment (TORA)
- Safety Case Preparation
- Marine and Dynamic Positioning Operational Management Audit
- Marine and Vessel Audit, Inspection and Testing
- Marine and Technical Incident Investigation
- Due Diligence



Tel/Fax: +44 (0)1224 355310/355313
Email: bos@bladeoffshore.com

www.bladeoffshore.com

Remote Systems & ROV Division

New ROV contract available

New 'Contract for the provision of ROV, support vessel and associated work' (IMCA R 013) builds on industry standards to suit members' and clients' requirements

A new IMCA draft contract has hit the streets. Many contractors provide services, such as ROV services, from a vessel which they do not own but have hired from the market. The terms of hire are often the BIMCO *Supplytime 89 uniform time charter party for offshore services vessels*. In order for contractors to pass on these vessel terms to their client and include the terms for ROV services, IMCA was asked by members to develop a new contract. Building on BIMCO, the new contract was prepared under the direction of the Remote Systems & ROV Division Management Committee and Contracts Workgroup by Stronach's solicitors of Aberdeen.

This contract has been developed to raise awareness on contracting matters among members and their clients and is the latest in a series of such documents, including:

- ◆ *IMCA contracting principles*
- ◆ *Guidelines on identifying and assessing risk in construction contracts*
- ◆ *Terms and conditions for survey support services* (IMCA S 007)
- ◆ *Terms and conditions for ROV support services* (R 008)

We hope that members find this new document useful for ROV and other services but, as we point out on every occasion, each IMCA member is free to enter into whatever contracts it deems to be in its own interests.

ROV entry level requirements highlighted

Recent discussions on safe manning levels and skills shortages have led to the identification of 'choke points' that can hinder the training and recruitment of new personnel.

A number of reports show how newly trained personnel can experience difficulty in finding ROV-based work, if they do not have the well-established and publicised industry requirement for new entrants to have appropriate technical experience and/or technical qualifications.

Guidance note IMCA R 002 - *Entry level requirements and basic introductory course for ROV personnel* - covers these aspects in detail, while the newly updated careers guides also address the training and experience required.

IMCA is working with contractor members and training establishments alike to clarify industry's requirements, enhance the information available to potential recruits and facilitate smoother progression into offshore posts.

Attracting potential ROV recruits

Following the recent publication of an exciting new series of careers case studies for positions in the offshore survey industry, IMCA is finalising a similar careers case study for an ROV Pilot, highlighting the varied opportunities available in the industry for development of both technical 'people' skills, as

well as rapid promotion for the most able and well-motivated.

Illustrated with eye-catching photographs, the case study covers a number of important areas, including the challenges and opportunities of work offshore, as well as details of career path and reasons for choosing such a career.

Trust has to be earned...



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.



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 syllabus
- 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



Spotlight on Derek Beddows

Derek Beddows is Diving and Operations Support Manager with Technip and serves as Vice-Chairman of the Diving Division Management Committee and a member of the Overall 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 a little about Technip and its activities

I work for Technip UK Ltd, a major North Sea player in the offshore installation, construction and subsea intervention arena. Its UK/North Sea fleet includes three diving support vessels with a further two DSVs being ready and available in 2007 and 2008, notably one with a 24-man saturation system capability. In addition, there is also pipelay, heavy construction, trenching, burial, ROV and utility vessel support available through fleet and long term charter arrangements.

What does your current job involve?

Essentially, dealing with people, subsea operational issues and problems.

I lead a team of professional multi-skilled specialists providing operational, technical and safety support to Technip UK's project management teams. My group performs operational peer-type reviews of tenders and live projects, comprehensive problem solving, risk assessments and handles enquiries from offshore and other Technip operating regions.

On a personal level, I tend to deal with the diving operational and safety issues, maintaining frequent open dialogue with the vessel offshore managers and a close liaison with the HSE Diving Inspectorate.

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

Through hard work, personal sacrifice, never saying no to a reasonable job offer and being in the right place at the right time.

In the mid-seventies I had just left technical college, the North Sea diving industry was crying out for divers and one of the few

available diver training schools was located just a few miles from my home. A convenient and fortunate set of circumstances.

I worked as a commercial diver both in the North Sea and globally and, after gaining my bell diving certificate, I continued working as a commercial diver until the mid-80s. Then, after many years working as a client representative, I joined Coflexip Stena, working in projects and well operations before moving into this current role in 2001.

A fascinating and, sometimes, bizarre 30-year journey through the diving and marine construction industry.

What are the key areas affecting the diving industry at the moment?

My views on this are consistent with the previous interviews in this newsletter. On the one hand, we have an aging diving workforce with successful, long-serving and established saturation diving teams approaching retirement age. On the other hand, we have many surface supplied divers with little practical offshore construction experience going through mixed gas training and, due to the current industry demands, entering saturation diving operations without both relevant and appropriate levels of experience.

This problem is not confined just to the diving element either. The situation has occurred where life support personnel with good experience of supporting 4-6 divers find themselves with 15 divers in saturation and a twin bell operation to support.

Much of this training and experience shortfall has to be addressed 'on-the-job', as a consequence, and where it is permitted by the clients it is not uncommon to find a 'trainee' in

many three-man bell runs.

The often invisible result of this is increased stress for existing personnel who are working longer offshore trips and taking shorter leave periods plus the potential impact to schedules due to the extent of on-the-job worksite training that is required.

Becoming competent takes time; experience can not be taught.

What can be done about them?

It would be helpful if there was not such a short term view of the UK offshore diving industry and we planned for the future instead of just tomorrow.

I have seen the cyclic nature of our business result in the loss of many good people to other industries whenever there is a dip in the barrel price. We must learn from this because the North Sea subsea sector will be active for several decades to come - not only for exploration and production support but also abandonment.

Training must be taken more seriously - not just how to dive, almost anyone can do that, but also the tools training to enable effective work to be executed once at the subsea worksite.

Diving contractors and operators need to be encouraged to participate, invest and show more interest in the development of the diving industry workforce - our most valuable resource.

What are the benefits to the diving industry from collective work through IMCA?

As a trade association, IMCA is unique in the way that it exists to provide support to the offshore marine contracting business and maintains positive dialogue with operators, clients and legislative bodies, not just in our own back



yard but across the globe.

Over the past six years or so we have witnessed a significant increase in the understanding of what IMCA does for us as marine contractors.

IMCA's prominence today is due largely to the hard work of the secretariat and its supporting committees. Going forward, IMCA needs to be about increasing personal safety awareness within the offshore business and getting the message across that we must continue to put safety, training and operational efficiency at the forefront of our business.

Within Technip, project teams that may have had little previous exposure to IMCA material now routinely refer to key IMCA guidelines during procedures development.

Technip's Diving and Operations Support Group actively promotes IMCA guidelines and ensures that all our offshore sites receive IMCA information and safety flashes. As diving contractors, we are able to support the wider industry through the creation of IMCA guidelines that we develop based upon shared knowledge and lessons that we have learned. After all, we never stop learning!

How do you see the future?

Words like apprehensive and trepidation don't work for me - we need to be positive.

Provided that we learn from the lessons of the past, i.e. maintaining a trained and motivated workforce even if the current levels of demand decline a little, I can see an exciting and challenging future for the offshore subsea and diving industry.

Forthcoming events

- 27 February 2007
Europe & Africa Section
meeting and briefing seminar
Cape Town, South Africa
- 27-28 March
Offshore Survey 07 and
Ocean Business 2007
Southampton, UK
Visit IMCA at the event
- 27-29 March
MCE Deepwater Development
Alexandra Palace, London, UK
Visit IMCA on stand 10
- 29 March
**IMCA reception aboard
HQS Wellington**, London
- 2 April
Middle East & India Section
meeting and briefing seminar
Jebel Ali, UAE
- 2-3 April
China Offshore Summit
Beijing, China
- 30 April-3 May
OTC
Reliant Center, Houston, USA
- 15 May
IMCA Golf Day
Newmachar, Aberdeen, UK
- 8 June
Midsummer Charity Ball
Fyvie Castle, Aberdeen, UK
- 4-7 September
Offshore Europe
AECC, Aberdeen, UK
Visit IMCA on stand 851
- 6-7 November
**IMCA Annual Seminar:
"New Frontiers in Marine
Contracting"**
Paris, France

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

www.imca-int.com/events



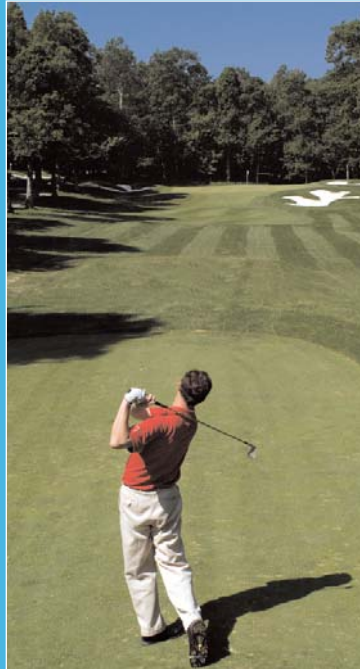
Reception aboard HQS Wellington

IMCA is holding a social reception aboard the HQS Wellington in London on **29 March 2007**.

The event, already attracting a high level of interest, is aimed at bringing members and industry colleagues together for a social evening and to spread the word about the Association and its work among a variety of guests.

Places are, understandably, strictly limited, so please get in touch soon if you wish to attend.

For full details on the event, please contact
Hugh Williams or Anna Jackaman at the IMCA secretariat.
e-mail events@imca-int.com or call +44 (0) 20 7824 5520



IMCA Golf Day 2007

The third annual IMCA golf tournament will take place on **15 May 2007** at the Newmachar golf course near Aberdeen.

Competing for the IMCA Quaich, members and their guests will have a morning shotgun start Stableford competition, lunch and prize giving.

Some sixty players joined in last year, with John Mair carrying off first prize, continuing the Subsea 7 tradition begun by Steve Wiseley in 2005. Can anyone beat them this year?

Booking opens early March

Full details to come at www.imca-int.com/events



Midsummer Charity Ball

This year's IMCA ball will take place on **8 June 2007** at a new and rather special venue - Fyvie Castle, near Aberdeen.

This National Trust for Scotland property set in stunning scenery will provide a magnificent and dramatic backdrop for a glamorous evening of dinner, dancing and entertainment, with the opportunity for ballgoers to tour the castle as the evening begins.

Arrangements are well in hand, so expect sumptuous menus, first class entertainment, good company and a great evening!

Booking opens mid March

Full details to come at www.imca-int.com/events