



The International Marine Contractors Association

Representing offshore, marine and underwater engineering companies

Issue 31

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IMCA in the 21st Century

As it should, this publication keeps members and others (in fact over 4,000 industry contacts world-wide in printed form alone) abreast of IMCA's latest developments. However, regular readers will have seen a wealth of information in recent issues on organisational change, so it seems timely to set out what IMCA stands and works for in 2004.

The IMCA Constitution was revised in December 2003 to update the Association's structure and objectives. Now a truly global association with a world-wide focus, IMCA's broad remit continues to be fulfilled by the key committees overseeing two core activities and four technical divisions. In addition, every member now has a local section which helps tackle regional issues through regular meetings and sub-groups. The sections also play a vital role in providing input and feedback for the global work programme, which is reflected by:

- The IMCA Annual Seminar, to take place this year in Singapore on 2-3 December, with a programme of interest to those in the region and around the globe (see page 2);
- The second Europe & Africa Section seminar (see page 6 and below), with a particular focus on newer areas of work for the Association;
- Work throughout the Americas Deepwater Section's six sub-groups leading to the publication of several updated guidance documents which reflect good practice based upon members' world-wide operational experience;
- Development of new draft documents by the Asia-Pacific Section, which is to consider guidance on Selection of Vessels of Opportunity for Offshore Diving Operations at its forthcoming meeting in China.

As noted in the box to the left of this piece, IMCA's membership now stands at almost 250 and is growing in every region and every technical sector. This means more organisations benefit from shared experience and the Association can spread its messages more widely. It also gives IMCA the resources to expand its own work programme to better assist members in their own operations, to represent the membership more widely with client and regulatory organisations around the globe and to tackle new work items wherever it is felt working together can better serve the wider good of the industry.

Historically IMCA has worked mainly in the development of safety and technical guidance. Today IMCA's focus now extends to cover such issues as contracts and insurance, where new workgroups are working hard to assist members. That IMCA is recognised as a suitable forum for tackling such cross-industry issues was shown recently at a conference held in Houston addressing risk in the offshore sector. As a result, IMCA has been tasked with the development of a risk matrix and will work with members and oil companies on this.

IMCA's technical work programme also continues to expand:

- Building on the experience and documentation produced by other Marine Division members, IMCA is developing DP guidance for supply vessels;
- Work is underway to examine safe use and operation of helicopters/helidecks offshore, in conjunction with

Membership Continues to Rise

At 20 April 2004 membership stood at 249, with a further ten applications recently approved or under consideration by the Overall Management Committee. By the time you read this IMCA will have broken the 250 mark. When the Association was formed in 1995 membership stood at 100 and it took a further seven years to move to 200 members. The growth in membership is now taking place world-wide and across all categories, prompted in part – no doubt – by the enthusiastic participation of members in their local sections and by promotion of IMCA's values by members to their clients and others active in their region. Revised affiliate arrangements took effect from 1 January and have seen good take-up, with 40 companies (including a dozen new members) receiving the full benefits of membership, better communication and reduced subscriptions.

continued overleaf

Get involved in new IMCA Forums!

While IMCA has a proud history of working through its elected committees to develop best practice guidance based on members' cumulative global experience, and of issuing secretariat-produced briefing and consultation documents, it continues to use new media to spread its key messages and for its work programme.

Following extensive development and testing, the member-only forums (<https://members.imca-int.com/forums/>) are now live and provide the means for taking collaboration within the industry to new levels. Examples of ways in which the forums can be used include:

- Promotion of successful safety initiatives – what your company has used that has helped promote safe operations and avoid incidents;
- Feedback on existing publications and suggestions for where such guidance can be applied and for similar future guidance – the new pocket safety cards being a good example – what cards would your personnel find useful?
- Input into the development of work items and draft guidance documents;
- Information sharing on emerging concerns or industry developments of interest to others including local regulatory or safety issues not covered previously by IMCA.

Guidance is provided on the ways in which members should use the forums, with examples of the types of topic that can be discussed. For those unfamiliar with discussion forums, detailed help is also available online about every aspect of using them. Alternatively you can contact the secretariat for help and information.

While the secretariat will not be monitoring the forums full-time, it is confident this facility will prove beneficial to members. All members are encouraged to promote use of the forums and access to the wider documentation website amongst their colleagues, including their offshore personnel who have valuable experience to contribute from which everyone can learn.

IMCA websites gain search facilities

As part of a wider updating process, the IMCA websites (both public and members-only) have been given a fresh new look, updated content and, as widely requested, search engines. The top right-hand corner of each page now has a search box, providing up-to-date results from over 500 web pages on each site, helping you find what you're looking for more quickly. A more advanced search facility is also available – see the links at the bottom of each page.

At the current time, the peculiarities of PDF files means that a full text search of all downloadable documentation on the members-only website is not possible, but as all of the titles are listed separately, this

IMCA in the 21st Century *continued from p1*

other offshore associations;

- Members are being helped with the latest developments in the offshore survey sector, including the use of digital video, storage of multibeam data and XML-based data exchange formats.

Plus, all of the time IMCA continues to find new ways to deliver support to its members, to put its message across to clients and regulators more effectively, and to communicate its broader messages on offshore safety, equitable contracting and other key objectives through developments such as:

- use of e-mail for day-to-day communications
- expanded websites with more information, enhanced functionality and yet easier access and navigation
- new formats including CDs, DVDs, pocket safety cards and posters

All this adds up to a lively twenty-first century association that is building on its past achievements while growing and adapting to reflect members' current needs more closely and to better represent their interests. So that's where IMCA stood in April 2004. Here is the news ...

IMCA Annual Seminar 2004

This year, all four IMCA technical divisions – Marine, Diving, Offshore Survey and Remote Systems & ROV – will be combining for a joint annual seminar on 2-3 December in Singapore. A varied and interesting programme is being assembled, with joint and parallel sessions to share expertise, opinions and ideas while enabling sector-specific issues to be tackled.

Topics identified for inclusion so far are listed below. IMCA would welcome suggestions of specific papers and/or speakers as we develop the programme.

The plenary sessions will include: contracting strategies; piracy; Prestige wreck survey; quality.

Turning to the Marine sessions, the following topics are to be covered:

- FMEA issues – IMCA management guide
- DP incidents/annual trials – Annual reports/anticipated new IMCA guidance on annual trials
- Training-related issues

continued on page 10

development should still prove useful to members.

Also included on the public website is a new 'Member Login' link which will now take you straight to the corresponding page on the members-only website, with links to downloadable documentation wherever appropriate ... and there's more of that than ever before, with over 900 guidance documents, information notes, sets of minutes, safety promotion materials and constitution-related documentation available to download.

RedR – Engineers for Disaster Relief

Members may have seen that IMCA has recently supported RedR – a charity which seeks to relieve suffering caused by disasters through training provision and the supply of competent and committed personnel to humanitarian programmes worldwide.

With branches around the world and a focus on providing/enabling the engineering skills necessary to provide services to support those affected by such disasters, the charity is a good fit with the technical nature and expertise involved in our members' day to day work.

Full information is available at www.redr.org.

Midsummer Charity Ball

The 2004 IMCA Midsummer Charity Ball is to take place on 11 June 2004. Once again it will be held at the popular Marcliffe at Pitfodels Hotel in Aberdeen. The event will feature a variety of music and entertainment, speeches and a casino, the profits from which will this year be donated to the RNLI – home of the International Lifeboat Federation.

Members will receive full details shortly and can contact Nina.Adams@imca-int.com to book tickets or entire company tables.

The headline issue for the offshore contracting industry this quarter has continued to be the imbalance of risk and liability currently assigned between contractors and clients, not least for those companies now undertaking work in deepwater offshore environments.

Working at the boundaries of technology and of human endeavour is nothing new to many in this sector. But with insurance and indemnity issues still heavily weighted against contractors the largely unexpected technical problems arising from many deepwater developments have already left some in serious financial difficulty.

It is therefore extremely positive that many major client companies have now signalled a willingness to discuss ways to redress these contractual imbalances as a matter of urgency.

In the months since the last issue of IMCA News I have had the opportunity to attend several important forums in Europe and in the USA on this difficult subject. At all of these events it has proved possible for IMCA council members and the CEOs of many major contractors to speak frankly about what is required if client companies want the marine contracting industry to survive and prosper at the level of quality they routinely demand.

In all of these forums IMCA has also found there to be an overwhelming majority of client companies willing not only to start detailed discussions on common contracting principles but also to suggest that IMCA is the right facilitator to take this crucial debate forward.

Having spent a year promoting this concept, IMCA's key objective for the rest of 2004 must be to sustain the momentum required to see through this essential development.

Meanwhile, it is pleasing to

see continued significant growth in membership of IMCA, including a desire on the part of many client companies to sign up to and adopt the patterns of best practice long promoted by the Association. The secretariat team deserves substantial praise for their relentless energy and professionalism in the face of a rapidly expanding workload. Section officers also deserve thanks for the extra co-ordination and administration they now undertake to manage this growth effectively within the regions that they serve.

In a similar vein, I hope as many of you as possible are looking forward to meeting members in the Asia-Pacific region at the annual IMCA seminar now planned for Singapore in December. By then the Asia-Pacific membership may have expanded further, especially perhaps after the section's next meeting, scheduled to take place in China.



Lastly, though I suspect few of you need much by way of reminding, the new international system for ship and port security (ISPS Code) takes effect from 1 July imposing tighter security on all vessels plying in and out of territorial waters. We will all doubtless see how this new system works over the coming six months but please make good use of the new discussion forums on the website to share your experiences.

IMCA Overall Management Committee

President & Chairman: Steve Preston, Heerema Marine Contractors

Vice-President: Frits Janmaat, Allseas Group

Chairman Diving: Alan Forsyth, Subsea 7

Chairman Marine: Hugo Bekker, Allseas Group

Chairman Offshore Survey: Walter Steedman, Subsea 7

Chairman ROV: Kevin Kerins, Oceaneering International

Chairman SEL: Chris van Beek, Heerema Marine Cont.

Chairman TCPC: John Greensmyth, Technip

Vice-Chairman Diving: Georges Arnoux, Stolt Offshore

Vice-Chairman Marine: Pete Somner, Subsea 7

Vice-Chairman Offshore Survey: Ray Morgan, Stolt Offshore

Vice-Chairman ROV: Andrew Beveridge, Rovtech

Vice-Chairman SEL: Mike O'Meara, Subsea 7

Vice-Chairman TCPC: Brendan Kelly, Oceaneering Int.

Chairman, Americas Deepwater Section:

Roy Sijthoff, Allseas Group

Chairman, Asia-Pacific Section: Andy Bolton, Technip Oceania

Chairman, Europe & Africa Section: Robin Davies, Subsea 7

Chairman, Middle East & India Section:

Steve MacMillan, J Ray McDermott

Eastern Hemisphere

IMCA Technical Director: Jane Bugler

IMCA Chief Executive: Hugh Williams

Basic Offshore Safety Training

Recognising the importance of adequate basic safety training for offshore personnel and with an objective to help ease the movement of personnel globally, IMCA is currently analysing training provision and requirements around the world. This work is co-ordinated by the secretariat but is also being considered specifically by the Americas TCPC sub-group. It is intended to identify what's available and the differences between training under the various syllabi offered. Members are asked to pass on their local knowledge to the sub-group where appropriate or to Philip.Wiggs@imca-int.com – IMCA will then look at developing guidance on a common approach to basic offshore safety training as requested by members.

Competence FAQs

The set of frequently asked questions (and answers) featured on the websites has been extended, with new topics including the role of IMCA (and limitations of that role) in approvals and certification and additional information for freelance and agency personnel. See www.imca-int.com/competence for more details. The FAQs will continue to be developed in response to enquiries from members and others. We would also encourage use of the new discussion forums for current issues relating to implementation of competence schemes in line with the framework of IMCA guidance.

High Voltage Training

IMCA is currently developing a syllabus covering high voltage training for the offshore industry.

Proposals were recently put before the TCPC core committee and it was agreed that members would seek to develop a format comprising a high-level basic course structure from which one could work down by use of drop-down menus relating to specific areas of training.

As this work continues, input from members would be much appreciated.

Please contact Philip.Wiggs@imca-int.com for further details.

DVDs

IMCA's first training/safety DVD – *Working at Height* – was issued only last November, but has received a lot of attention from members and non-members alike for the guidance it contains and its successful use of words and imagery to get safety messages across to our workforce. The SEL core committee is now looking to extend the DVD with subtitles in a variety of languages. Watch future issues for more details.

In the meantime, attention has been turned to a second DVD, this time on general safety awareness, hoping to use similar techniques to convey the hazards and safety messages associated with:

- slips, trips, falls
- trapping and crushing (hands, fingers, etc.)
- housekeeping
- 'stop the job'
- change control
- best practice for toolbox talks

with possible subsequent videos also being considered.

Members are invited to contribute any material they have that could be of use in developing this second DVD, in terms of video footage – please contact Jane.Bugler@imca-int.com for more information.

Training Opportunities

- IMCA Offshore Air Diving Supervisor
- IMCA Assistant Life Support Technician
- Recompression Chamber Operator
- IMCA Diver Medical Technician & DMT Refresher
- 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



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TCPC Information Notes published since Issue 30

TCPC 02/04	IMO Sub-Committee on Standards of Training and Watchkeeping
TCPC 03/04	IMO Sub-Committee on Radiocommunications, Search & Rescue
TCPC 04/04	European Union – ISPS Code
TCPC 05/04	Seaman's identity card

TCPC Core Committee

Chairman: John Greensmyth, Technip
Vice-Chairman: Brendan Kelly, Oceaneering International

Monique Laros, Allseas Group
 Darren Bown, Subsea 7
 Mark Elder, Subsea 7
 Gavin Smith, Subsea 7
 Mike Lloyd, Technip
 Brian Robertson, Technip

Americas Deepwater Section: Lou Cranek, Inst. of ROVs
IMCA Schemes Administrator: Vicki Graham

Pocket Safety Cards

The next series of IMCA pocket safety cards – four cards addressing: toolbox talks; lifting operations; lifting equipment; and working at height – have just gone to press. The first set has proved popular and the new ones will be distributed to all members shortly.

Once again the new cards will also be made available to download from the IMCA members-only website. These are now being produced in QuarkXPress, which should make it easier for members to incorporate their own name, logo and/or reference in the space reserved on the cards for this. Work continues on cards covering working in confined spaces, hand injuries and stopping work for safety. Meanwhile, feedback on the current cards and your suggestions for other topics/material to be covered in future would be welcome.

IOSH Award for Mike O'Meara



IMCA takes great pleasure in congratulating Mike O'Meara, Vice-Chairman of the SEL core committee and Overall Management Committee member, on being awarded an Honorary Fellowship of the Institution of Occupational Safety and Health (IOSH) – Europe's leading body for health and safety professionals. Fellowship is an honour conferred upon professionals who have made a significant contribution to occupational health and safety and is awarded on the basis of independent testament from senior managers, directors and employees who have worked or are still working with the candidate. Information was gathered on a global basis to reflect Mike's role within the Halliburton/KBR/Subsea 7 group, where as Director, Health, Safety & Environment, Offshore he's been responsible for developing and implementing successive HS&E strategies and managing a global resource team. Mike has made a valuable and appreciated contribution to IMCA's work for many years. When IMCA was formed in 1995, he sat as a member of the Diving Division Management Committee. Mike was elected to the management committee of the Safety & Legislation core activity following IMCA's 1997 reorganisation that saw the committee gain a broader remit working on relevant topics on behalf of all members – an obvious place for him to use his wide ranging experience, which he has done to great effect. Mike was elected Vice-Chairman of the SEL core committee in 1999 and continues to be a driving force for achieving the improvements in offshore safety members seek when working together through IMCA.

Congratulations Mike and thank you.

Breath Testing Guidance

IMCA has published the second of two guidance notes produced to help members create policies for dealing with the complex issues involved in testing personnel for drug and alcohol abuse.

This publication describes issues that are likely to arise and gives guidance on breath testing. It also provides some outline information on other types of testing currently available. The guidance aims to complement IMCA SEL 008, issued last year, which deals with the collection of samples.

Available for download by members, printed copies are also available, priced at £15 to members, £30 to non-members.

Safety Statistics

The secretariat has had a good response to the data collection request made in January for its annual safety statistics exercise covering 2003. Response has been particularly good in respect of the leading safety performance indicators being reported for the first time this year. If you have not already submitted your company's statistics for 2003, please do so as soon as possible so that we can present the fullest possible picture when the statistics are compiled shortly. If you need more information on this, please contact the secretariat.

SEL Information Notes *published since Issue 30*

- SEL 03/04 Halon
- SEL 04/04 Ballast water and sediment management – Report on the Int. Conference, Feb 2004, London
- SEL 05/04 Possible loss of hire resulting from ISPS-induced situations
- SEL 06/04 SEL core committee
- SEL 07/04 IMO Sub-Committee on Fire Protection
- SEL 08/04 IMO Sub-Committee on Standards of Training and Watchkeeping
- SEL 09/04 IMO Sub-Committee on Radiocommunications, Search & Rescue
- SEL 10/04 European Union – ISPS Code
- SEL 11/04 IMO Sub-Committee on Ship Design and Equipment
- SEL 12/04 Seaman's identity card

SEL Core Committee

Chairman: Chris van Beek, Heerema Marine Contractors
Vice-Chairman: Mike O'Meara, Subsea 7

Philip Bradbury, Integrated Subsea Services
 Steve MacMillan, J Ray McDermott Eastern Hemisphere
 Sal Ruffino, Saipem
 Ken London, Stolt Offshore
 Allan Hannah, Technip
 Wallace Robertson, Well Ops UK
 Foeke Tulner, Workshops Contractors

Asia-Pacific Section: Des Power, Subsea 7 Asia-Pacific

Middle East & India Section: Mohamed Osman, Maridive & Oil Services

Europe & Africa

This section is to combine its next meeting with a one-day seminar in Aberdeen on 11 June 2004 – the same day as IMCA's annual Midsummer Charity Ball. Please note the date in your diaries. The day will include a variety of presentations and workshops, including the following themes:

- Overview of the section's role and activities
- Update on IMCA world-wide activities
- Regional work programme
- Decommissioning
- Renewable energy
- EU legislative developments, including Working Time Directive
- Other topics of interest

A different format will be followed to that used by other sections in order to deliver a work programme relevant to the region and the needs of this 'new' section given the origins of the Association and past activities in the region. While there will be a specific focus on new activities for the section, there will also be a period of plenary discussion in which members can raise other issues relevant to them.

Please forward your suggestions for presentations and speakers on aspects of (rig) decommissioning and renewable energy developments to Hugh.Williams@imca-int.com.

A programme will be forwarded to members shortly.

Middle East & India

For its latest meeting held in the UAE on 18 January the section hired larger premises in order to accommodate increasing participation by members in the region.

In the event attendance proved lower than had been hoped for which was disappointing.

Afternoon meetings may be tried in future in order to permit members to attend to company business in the morning and to stay on after meetings for some social time.

Despite lower numbers the meeting ran through and gathered some useful feedback on relevant developments at a global level before turning to address a variety of local issues.

The section intends to hold a promotional seminar later this year, aimed mainly at clients. This will build on the success of previous diving-focused events but will be extended to cover Marine Division issues, particularly the increased use of dynamic positioning in the Arabian Gulf and the wealth of experience, past work and guidance IMCA can offer companies operating in the region.

Regional Section Officers

Middle East & India Section

Chairman: Steve MacMillan,
J Ray McDermott E. Hemisphere
Vice-Chairman: Charlie Rogerson,
Consolidated Contractors Co.

Asia-Pacific Section

Chairman: Andy Bolton,
Technip Oceania
Vice-Chairman: Des Power,
Subsea 7 Asia-Pacific

Europe & Africa Section Steering Committee

Chairman: Robin Davies, Subsea 7
Vice-Chairman: Ian Stevenson,
Technip

Americas Deepwater Section

Chairman: Roy Sijthoff, Allseas Group
Vice-Chairman: Dick Martin, Subsea 7

Asia-Pacific

Recent meetings have seen a continuing rise in participation by members and invited clients so a large attendance was expected when the section met in Shekou, China, on 22 April.

As previously, this event opened with a client presentation session before a briefing on IMCA's world-wide activities and the work of the Asia-Pacific Section, followed by a question and answer session. Separate sessions were to be held in parallel during the afternoon for members to participate in sub-groups and topic-specific workgroups, some mirroring the world-wide committee structure, and others addressing a particular item of interest – on this occasion reviewing draft guidance prepared by the section on The Selection of Vessels of Opportunity for Diving Operations, due for submission soon for world-wide IMCA approval.

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Audits Diving Systems ROV Systems Safety Management Systems DP & Marine Vessels	Services Client Representatives Project Co-ordination Inspection Personnel DPO's	Consultancy Dive System Build Project Risk Analysis Project HAZIDS Arbitration	Training IMCA Trainee Offshore Air and Bell Diving Supervisor IMCA Assistant Life Support Technician Client Diving Familiarisation Course
<p>For more information contact us or visit our website @ www.kbassociates.org</p> <p>KB ASSOCIATES PTE LTD Box no.5045, Loyang Offshore Supply Base, Loyang Crescent, Singapore 508988 Tel: +65 6546 0939 Fax: +65 6546 3986 Email: enquiries@kbassociates.org</p>			

IMCA Helps Members Liaise with Government on Export Licensing

IMCA recently facilitated a key meeting in Aberdeen between a number of contractor members and representatives of the UK Department of Trade and Industry on issues relating to export licensing. The meeting saw wide ranging discussions of a highly productive nature and both sides went away with a much clearer understanding of what the other was doing and how each could work together more successfully in future.

It was fascinating to see that many of the perceived issues highlighted prior to the event could be solved by better communication so IMCA was thanked for having facilitated this useful forum.

The meeting showed up the value of members working together through IMCA to raise their concerns on current issues and of the Association's role as a representative and facilitator with regulators, client organisations and other bodies. Members are encouraged to use the Association for this purpose and can raise matters through their regional section, the world-wide committees or the secretariat.

Remote Systems & ROV Division Management Committee

Chairman: Kevin Kerins, Oceaneering International
Vice-Chairman: Andrew Beveridge, Rovtech

Nigel Wilmott, Cal Dive/
Canyon Offshore
John Rossier, Covus
Sandy Michie, Fugro Survey
John Davies, Global Marine Systems
Keith Robathan, Sonsub
Colin Mackay, Stolt Offshore
Paul Brain, Subsea 7
Dave Walker, Technip

Americas Deepwater Section:

Robert Keith, Saipem/Sonsub

Asia-Pacific Section: Neil Forbes, Technip Oceania

Remote Systems & ROV Division Work Programme

With a number of ongoing work items close to finalisation, the division remains as busy as ever, with a set of objectives that truly reflects the global nature of the Association and the valuable work being done through the regional sections.

New projects

- Contribute to arrangements for joint IMCA seminar to be held in Singapore in December 2004.
- Identify work items on AUV issues of interest to members

Ongoing initiatives

- Continue to work with a world-wide focus, incorporating and supporting work within regional sections and sub-groups
- Continue to assist members with implementation of competence assurance and assessment schemes in the sector
- Continue to attract new members
- Work with Americas Deepwater Section ROV sub-group on manning levels for ROV operations

Third-party liaison

- Monitor and seek to influence relevant ISO, NORSOK and other standards and certification bodies
- Continue discussions with relevant officials regarding export licensing

Review/update existing guidance


- Consider feedback from regional sections on existing guidance

Continuation/completion of projects started in 2003


- Finalise review of AODC 036 Rev 1 – *The initial and periodic examination, testing and certification of ROV handling systems* – and of IMCA R 003 – *Termination of load-bearing umbilicals or lift cables used in ROV handling systems* in order to produce combined updated guidance
- Develop an ROV support vessel contract, in conjunction with Americas sub-group
- Participate in development of digital video guidelines (Offshore Survey objective)

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Diving in Contaminated Waters

Commercial divers working offshore are sometimes required to dive in situations where water may be contaminated, for instance due to the presence of chemicals in drill muds and cuttings or due to the work the diver is required to carry out such as recovering drums of chemicals, breaking of flanges, working on pipelines etc. Risks may also arise from more general contamination by heavy metals, radioactivity, biological materials or similar in the work area.

After extensive development and broad consultation, new IMCA guidance on diving in contaminated waters is nearing completion and will be published shortly. This sets out the hazards to be considered when planning such operations with sections including types of contaminant, routes of entry, risk assessments, and practical aspects/lessons learned. Flow charts are included to help those undertaking risk assessments.

All members of the Diving Division will receive a printed copy and access to download this material as soon as it becomes available.

Diving Information Notes

published since Issue 30

- D 02/04 Lost/stolen diver training certificates
- D 03/04 The diving supervisor's manual: CD version



DMAC Update

IMCA continues to support the work of the independent Diving Medical Advisory Committee and has helped recently to develop its new website at www.dmac-diving.org

DMAC has now published its updated guidance note *The Provision of Emergency Medical Care for Divers in Saturation (DMAC 28 Rev. 1)*, which reflects changes in operational practices and equipment newly available, as well as feedback provided by IMCA's representatives on the committee.

This guidance is wide-ranging but aims to provide a single and succinct reference that can be used anywhere in the world.

The guidance has been sent to all Diving Division members and is also available for download from the IMCA members-only or DMAC websites.

Above: Jane Bugler and Hugh Williams of IMCA with Alan Bax, Sijtsche Zwiers of the International Diving Schools Association along with John Greensmyth, TCPC chairman.

IMCA has begun working with IDSA and with other interested organisations to develop a future common approach to diver safety training worldwide that includes an element of independent assessment of training provision (in line with established IMCA guidance). IMCA recognises that such certification is not currently available to indigenous personnel in all areas of offshore activity. Members will be updated on further developments.

Diving Division Management Committee

Chairman: Alan Forsyth, Subsea 7
Vice-Chairman: Georges Arnoux, Stolt Offshore

Paul Warriner, Cal Dive International
Fred Pope, Divex
Bill Macdonald, Global Industries Asia Pacific
Anthony Barnes, J Ray
McDermott E. Hemisphere
Ian Mackenzie, National Hyperbaric Centre
Bjørn Kahrs, Norwegian State Diving School
Derek Beddows, Technip

Americas Deepwater Section:
Allan Palmer, Stolt Offshore

Asia-Pacific Section:
RP Singh, Stolt Offshore Asia Pacific/ PT Komaritim

Middle East & India Section:
Steve MacMillan, J Ray
McDermott E. Hemisphere



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Diving Courses - Skill Courses

- Scuba / Surface supplied
- Surface supplied top up
- Mixed gas closed bell

French government Certificates approved HSE recognized IMCA, IDSA

IMCA Courses

- Diver Medic + refresher
- Air / Bell Diving Supervisor
- Assistant life support technician



SUB / ROV Courses

- Submarine Pilots
- Surface controller
- ROV pilot / technician

NOT Courses

- COFRIMO SUB - visual testing - LLOYD'S Register
- Members:**
- EDTC, IMCA, IDSA

All courses on INPP site - English language

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Offshore Survey Division Work Programme

2004 sees a number of projects reflecting a further expansion of the division's work programme, while continuing those initiatives which have proved valuable to members in previous years. The division continues to benefit from increasing activity at a regional level, which is fed in to global work through representation of regional IMCA sections on the division's management committee.

New projects

- Consider proposed work on pipeline data exchange format
- Contribute to arrangements for joint IMCA seminar to be held in Singapore on 2-3 December 2004.
- Development of manning level guidelines
- Development of health check DGPS guidelines
- Development of end-of-trip appraisal form

Ongoing initiatives

- Continue to work with a world-wide focus, incorporating and supporting work within regional sections and sub-groups
- Continue to assist members in implementation of competence assurance and assessment schemes in the sector
- Raise the profile of the Offshore Survey Division
- Arrange meeting with clients at Oceanology International 2004
- Continue to attract new members

Third-party liaison

- Arrange a meeting with clients
- Raise the profile of the offshore surveyor with clients and potential trainees
- Ongoing liaison with IAGC

Continued/finalise projects commenced in 2003

- Finalise and publish guidelines on DGPS for DP and survey purposes (joint with Marine Division)
- Consider development of guidelines on sharing of other DP sensors, e.g. acoustics and fanbeam

Offshore Survey Division Management Committee

Chairman: Walter Steedman, Subsea 7

Vice-Chairman: Ray Morgan, Stolt Offshore

Stuart Reid, Andrews Survey
Ian McKenzie, Fugro Survey
Will Primavesi, Fugro (North Sea)
Bob Downing, Maritech
Brian Beard, Noordhoek Offshore
Pino Baldini, Saipem

Americas Deepwater Section:
Ian Edmonstone, Subsea 7

Asia-Pacific Section: vacancy

- Move work forward on digital video guidelines
- Lead development of guidance on storage of multibeam data

DGPS Health Check

In response to queries from members, the Offshore Survey Division is preparing an information note setting out a positioning system 'health check', specifically for DGPS.

This will take advantage of existing guidance provided in other documents, adapted to suit the needs and requirements of IMCA members.

IMCA at Oceanology 2004

We reported in the last issue that IMCA was to exhibit at Oceanology International – a four day event billed as "world's premier marine science/ocean technology exhibition and conference".

The overall event, at the ExCeL Centre in Docklands, London, attracted 550 exhibiting companies from 25 countries with a number of high-level government ministers and industry big-hitters presenting keynote papers and touring the exhibition.

For its part, IMCA met with a number of members, potential members and other interested parties, explaining the role and activities of the Association – in particular the Offshore Survey and Remote Systems & ROV Divisions – getting up to date on certain new developments and gaining valuable input on areas we can address in future.

The Association is keen to maintain and enhance its visibility, with a variety of promotional materials available for downloading from the members-only website, its new promotional CD and other items which can be customised to suit members own requirements.

Please contact the secretariat if you are exhibiting at a forthcoming event or have another support need.

Survey Personnel Log Books

Some time ago, at the request of members, IMCA produced a Survey Personnel Log Book to record personal details, qualifications and certificates, training and competence assessment, together with details of offshore work experience for personnel operating as part of an offshore survey team. Members may like to be aware that these log books are available from the IMCA secretariat at priced at £11.00 (+VAT where applicable).

FMEA Management Guide

IMCA recently commissioned work to develop a Failure Modes and Effect Analysis management guide to:

- Establish industry guidance for how to specify, manage, perform and verify FMEAs
- Provide specific, auditable guidelines consisting of fundamental steps that should be followed (including checklists)
- Complement the background guidance contained in *IMCA M 166 – Guidance on Failure Modes & Effects Analyses (FMEAs)*, published in April 2002
- Be applicable to dynamic positioning (DP) systems in the offshore industry.

The work will also consider a number of points identified by the earlier study into methods of establishing the safety and reliability of DP systems, which was provided to members for information via *IMCA M 04/04* earlier this year.

As part of the work, relevant stakeholders will be consulted, including vessel operators, consultants, manufacturers, classification societies, field operators and regulators.

Members will be updated on developments.

Annual Seminar *from page 2*

- Developments in DGPS systems;
- Technical issues/new developments
- Paper on 'Integrated solution for optical fibre cable burial'
- Trenching techniques
- Wire rope guidance (IMCA is currently developing guidelines)
- Digital video recording
- Offshore Survey Division work

Diving sessions will include:

- Isolations and barriers subsea
- Hyperbaric welding
- Diving safety – A regional legislator's perspective
- Diver training and competence
- FMEAs for diving equipment
- Poisonous marine creatures in the Asia-Pacific region, fitting in with the anticipated publication of IMCA guidance on diving in contaminated waters.

As always, the event will be accompanied by an exhibition by IMCA supplier members on their latest products and services.

Full details will be circulated to all members in due course and you can keep up to date via the website – www.imca-int.com/events.

DP Incidents

Members continue to comment on the value of lessons they can learn from the incident reports and analysis produced by IMCA. The report on DP station keeping incidents for 2002 has now been published as *IMCA M 173* and work has commenced on the report for 2003. Please submit reports relating to your company's vessels as soon as possible if you have not already done so. All reports are anonymised and are reviewed with the submitting company prior to publication. Every report is only ever as complete as the information we receive, so your input is important.

Updating Guidance

As part of the 2004 work programme, two key documents are being reviewed and updated by the Marine Division Management Committee, to help ensure IMCA's guidance continues to reflect current best practice, technological developments and other changes in the industry:

Common Marine Inspection Document (IMCA M 149)

continued on page 11

Marine Division Management Committee

Chairman: Hugo Bekker, Allseas Group
Vice-Chairman: Pete Somner, Subsea 7

Chris Jenman, Global Maritime
Michiel Goedkoop, Heerema
Marine Contractors
John Gorrie, Noble Denton
Europe
Ken McLean, Poseidon Maritime
Ian Young, Prosafe Offshore
Arnfinn Vika, Stolt Offshore
Steve Woodward, Technip
Kjell Egil Helgøy, Teekay Norway

Americas Deepwater Section:

Pete Fougere, Transocean

Asia-Pacific Section:

Andy Bolton, Technip Oceania

Middle East & India Section:

Lachlan McKelvie, Seabulk
Offshore

The ATEX Directive 94/9/EC for Mechanical and Electrical Equipment

Are you:

- A manufacturer of products intended for use in potentially explosive atmospheres?
- Operating a plant within a potentially explosive atmosphere?

If yes, now is the time to start thinking about the ATEX Directive?

What is ATEX?
The ATEX Directive 94/9/EC is a Directive adopted by the European Union (EU) to facilitate free trade in the EU by aligning the technical and legal requirements in the Member States for products intended for use in potentially explosive atmospheres.

For further information on any of the above courses, please contact:
Sophie McKen, Business Development Executive
Aberdeen Skills and Enterprise Training Limited, Minto Operations Training Centre
Units 3-9 Minto Avenue, Altens, Aberdeen, Scotland, UK AB12 3JZ.
tel +44 (0)1224 859624 • fax +44 (0)1224 859640
email s.mcken@abcol.ac.uk • website www.aset-aberdeen.co.uk



continued from page 10

The Training and Experience of Key DP Personnel (IMCA M 117)

While certain aspects have been identified where updating or additional guidance is required, members' feedback on the use of the existing documents along with input on what is required from the future versions would be valued.

Please contact:
Philip.Wiggs@imca-int.com

Marine Information Notes

published since Issue 30

- M 03/04 Possible loss of hire resulting from ISPS-induced situations
- M 04/04 IMCA study on 'Methods of establishing the safety and reliability of DP systems'
- M 05/0 Halon
- M 06/04 Ballast water and sediment management
- M 07/04 IMO Sub-Committee on Fire Prevention
- M 08/04 IMO Sub-Committee on Standards of Training and Watchkeeping
- M 09/04 IMO Radiocommunications and Search and Rescue
- M 10/04 European Union – ISPS Code
- M 11/04 IMO Sub-Committee on Ship Design and Equipment
- M 12/04 Seaman's identity card

New members

IMCA welcomes:

- Delphinus Services Ltd – ROV Training Division
- Force Technology
- GDF Production Nederland
- Gulmar Offshore Middle East
- LD Travocean
- Maritime Training & Competence Solutions 4
- Noble Denton Middle East
- Offshore Works
- Rolv Berg Drive
- Seacor Marine (ASIA)
- Seaeye Marine
- Subsea Vision
- The Ocean Corporation

Name Changes

- *Navion* is now part of Teekay Norway
- *Kongsberg Simrad* is now part of a re-organised Kongsberg Maritime

GDF Production Nederland BV

A wholly owned subsidiary of Gaz de France engaged in gas E&P in the Dutch sector of the North Sea. GDF Production Nederland BV's natural gas production comes from five producing licences on the Dutch Continental Shelf: K9ab, K9c, L10/11, K12 and G17d.

Contact: Jan Oostijn
Tel: +31 (0) 79 368 6752
Web: www.gazdefrance.nl

Rolv Berg Drive AS

Marine and offshore contractor to the oil and petrochemical industries since 1981. Based in Tromsø, Norway, but with representation in all major E&P centres and regional offices or daughter companies in Mexico and India. RBD is the first company granted IMCA temporary member status (for new diving contractors who do lack operational experience but have the capability/systems in place to operate in accordance with the IMCA International Code of Practice for Offshore Diving.)

Contact: Snorre Stinessen, QA Manager
Tel: +47 (77) 66 80 80
Web: www.rbdive.com

Force Technology (formerly the Danish Maritime Institute)

Offers Nautical Institute-approved basic and advanced DP training as part of a range of simulator-based courses. Uses a duplex Alstom system linked to a simulator with a visual theatre, thus increasing the realism level of training. The new DP simulator will also be used for advanced engineering simulations, e.g. for coupled ships during offshore tandem operations.

Contact: Peter Sorensen
Tel: +45 (72) 15 77 00
Web: www.force.dk

More member introductions in the next issue.

Members

Interdive™ Services

OFFSHORE DIVING OPERATIONS MANAGEMENT AND TRAINING

- HSE Approved courses
- IMCA Trainee Air, Bell Supv & ALST courses
- IMCA Diver assessment
- Personnel & Equipment
- Offshore Medic
- DSV Audits
- ROV Surveys
- Risk Assessments
- NPD Leadership training



WEBSITE: <http://www.interdive.co.uk>

- IMCA Diver Medic & renewal courses
- HSE First Aid or Advanced Medical Skills
- Electronics courses
- ROV Pilot/Technician
- CSWIP 3.4U Inspection
- RYA & MCA Courses
- Overseas or In-house Training

Tel: +44 (0)1752-558080 Fax: +44 (0)1752-569090 Mob: 07748-694339 E-mail: Diving@interdive.co.uk

Post: Interdive Services Ltd, Units 3 & 3A, Stoke Damerel Business Centre
Church Street, Stoke, Plymouth, Devon, PL3 4DT, Great Britain

IMCA news

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

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

Views expressed on these pages don't automatically reflect policies or positions of IMCA itself.

Edited & produced by
Hannah Pearce,
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<zintl@gn.apc.org>.

Membership

as of 30 April 2004

International Contractors (ICO)

Allseas Group
Cal Dive International
Heerema Marine Contractors
Saipem
Stolt Offshore
Subsea 7
Technip

Contractors

Algoasibi Diving & Marine Services
 Allied Marine & Equipment
 Andrews Survey
 Aqua Diving Services
 Arabian Gulf Mechanical Services
 & Contracting Company
 Bakri Navigation Company
 Bibby Offshore
 BJ Services Co (UK)
 Bluewater Energy Services
 British Antarctic Survey
 BUE Marine
 Canyon Offshore
 Cape Diving & Salvage
 C&C Technologies
 Coastal Diving Services
 CODERO
 Consolidated Contractors Co.
 Covus Corporation
 CTC Marine Projects
 Diamond Offshore Drilling
 Dolphin Drilling
 Dolphin Offshore Ent. (India)
 Dulam International
 Dutch Diving
 EDT Towage & Salvage Co.
 EGS (Asia)
 Fairmount Marine
 Fraser Diving International
 Fugro Chance
 Fugro Geonics Pvt Ltd (India)
 Fugro Survey (Middle East)
 Fugro Survey (Singapore)
 Fugro Survey (UK)
 GB Diving
 Global Industries Asia Pacific
 Global Marine Systems
 Global Santa Fe Corp.
 Gulf Dredging & Gen. Contracting
 Gulf Marine Services
 Gulf Offshore NS
 Gulmar Offshore Middle East
 Hallin Marine
 Halul Offshore Services Co.
 HEISCO
 Hull Support Services
 Impresub
 Integrated Subsea Services
 Intl Marine Works – Alexandria
 Intl Naval Works – Abu Dhabi
 International Oilfield Services
 IRSHAD
 J Ray McDermott E. Hemisphere
 J Ray McDermott, Inc.
 PT Lancar Rejeki Berkas Jaya
 LD Travocean

Louisiana Overseas
 Mærsk Supply Service
 Maridive & Oil Services
 Master Tech Diving Services
 MENAS
 Mermaid Maritime
 Mohn Drilling
 Mutawa Marine Works
 Noordhoek Offshore
 Northern Marine Management
 Oceaneering International
 Oceaneering Int'l (Asia-Pacific)
 Ocean Works Asia
 Offshore Works
 OSM Ship Management
 PT Panji Adi Samudera Maritime
 PT Patra Dinamika
 Pride International
 Prosafe Offshore
 Rolv Berg Drive
 Rovtech
 Royal Saudi Navy Forces
 Saibos
 Salvage & Marine Operations IPT
 PT Samudera Biru Nusantara
 Sapura Diving Services
 Sarku Engineering Services
 SAROST
 SBM Production Contractors
 Seabulk Offshore
 Seacor Marine (Asia)
 Seacor Marine (International)
 SEAMEC
 Seaway Heavy Lifting Engineering
 Seaweld Engineering Services
 Secunda Marine Services
 Smedvig Offshore
 Smit Terminals
 Smit Vessel Management Services
 Sonsub
 Stolt Offshore AS
 Stolt Offshore Asia Pacific/
 PT Komaritim
 Submersible Television Surveys
 Subsea 7 Asia-Pacific
 Subsea Petroleum Services
 Subtec Middle East
 Superintendent of Diving
 SvitzerWijsmuller
 Technip Oceania
 Technip Offshore Contractors Inc.
 Technip Offshore Norge
 Teekay Norway
 Tideway Marine & Offshore
 TL Geohydrographics
 Torch Offshore
 Transocean
 Underwater Services Company
 URS
 Van Oord
 Well Ops (UK)
 Workshops Contractors

Suppliers

ABB
 Advanced Marine
 Alstom Power Conversion

Anglo-Eastern Group
 Ashtead Technology (SEA)
 Auto Dynamic Positioning Services
 BMT Salvage
 Brunvoll
 C-Mar Services (UK)
 Core Technical Services
 Divex
 European Underwater Tech' Centre
 Global Maritime
 Holland Offshore Consulting
 Den Helder
 Houlder Insurance Services
 JP Kenny Caledonia
 KB Associates
 Kenz Cranes
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 Kongsberg Maritime
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 Measurement Devices
 Nautronix
 Noble Denton Europe
 Noble Denton Middle East
 Noble Denton Singapore
 NUI
 Offshore Commissioning Solutions
 PAE Singapore
 Perry Slingsby Systems
 Poseidon Maritime (UK)
 Promarine
 QinetiQ
 Rolls-Royce Oy
 Schilling Robotics
 Seaeye Marine
 Seatools
 Southern Oceanics
 Subsea Vision
 Underwater Technology Services
 Unique System
 Wavespec

Training Establishments & Personnel Agencies

Aberdeen Skills & Ent. Training
 Ålesund University College
 Centre for Marine Simulation
 College of Oceaneering
 Dave Oliver Hydrographic Services
 Delphinus Svcs – ROV Training
 De Moura Shipping
 Divers Institute of Technology
 Diving Diseases Research Centre
 DOOR
 Dynamic Positioning Centre
 Ecole Nationale de la Marine
 Marchande de Marseille
 Energy & Mining Training Solutions
 Force Technology
 Holland College
 Marine Training Centre
 Hydrosud
 INPP
 Institute of ROV
 Intervide Services
 Lowestoft College
 Marine & Offshore Group Intl
 Maritech Group

Maritime Inst Willem Barentsz
 Maritime Training &
 Competence Solutions
 National Hyperbaric Centre
 Netherlands Diving Centre
 Norwegian State Diving School
 NUTEC Rotterdam
 Ocean Corporation
 Oceanscan
 Petrolis
 Petrovietnam Manpower
 Training College
 Power & Generation Services
 PR Offshore Services
 ResQ Haugesund
 Satakunta Polytechnic
 Ship Manoeuvring Simulator Centre
 Southampton Oceanography Centre
 Sribima Maritime Training Centre
 Sub Sea Group
 SubServ
 SubServPro
 Technocean
 UK Project Support
 Underwater Centre Fremantle
 Underwater Centre Tasmania
 WA Maritime Training Centre
 – Fremantle

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 BG Group
 BHP Billiton
 BP Exploration Operating Co
 BP Americas Production Co
 Cairn Energy India
 ConocoPhillips China
 ConocoPhillips Indonesia
 ConocoPhillips Petroleum Co. UK
 Det Norske Veritas
 Esso Australia
 GDF Production Nederland
 Gulf of Suez Petroleum Co. (GUPCO)
 Health & Safety Executive
 International Registries
 NAM Offshore Business Unit
 Oil & Natural Gas Corporation
 Petro Canada – Terra Nova Project
 Petrobras
 Premier Oil Natuna Sea
 PTT Exploration & Production
 Sarawak Shell
 Shell Intl Exploration & Production
 Shell Petr. Dev. Co. of Nigeria
 Star Energy (Kakap)
 Talisman Energy (UK)
 Total Austral (Argentina)
 Total E&P
 Total E&P Nederland
 Total E&P UK
 US Minerals Management Service
 Wintershall Noordzee
 Woodside Energy
 Zakum Development Co



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