

The International Marine Contractors Association Representing offshore, marine and underwater engineering companies

Best Ever Annual Seminar

Over 170 delegates attended this well received two-day event held in Singapore at the beginning of December. This, the twelfth annual seminar, was a joint Marine and Diving Division event with the theme 'Marine Contracting: from Deepwater Construction Vessels to Offshore Diving'. Participants included offshore and onshore management and operational staff, together with a range of special consultants, client and regulatory representatives and equipment manufacturers.

The subjects covered in the presentations ranged from topical issues, such as the ISPS Code, through to practical experience involving various recent technological developments and the latest in operational practice. The seminar also included a number of workshops and a well supported exhibition where relevant equipment and services were on display. The organisers were pleased to see a high level of constructive debate andi discussion in all sessions and to see delegates and speakers enjoy the chance to network less formally during the social sessions.

All delegates were welcomed to the meeting by Andy Bolton, the Asia-Pacific Section Chairman, before Steve Preston, IMCA President, opened the proceedings with his description of what IMCA now stands for, the cur-

2004 – A Busy Year

Highlights of the last twelve months include:

• Work by the Contracts and Insurance workgroups to draft new contracting principles and to begin work to develop risk apportionment guidance on behalf of the wider industry.

• Setting off the development of guidance on dynamic positioning for offshore support vessels and attracting cross-industry support and input for this initiative.

• Good progress on various world-wide diving issues, including work with IDSA on a global qualifications programme; on personnel and equipment related issues in the Americas Deepwater Section; and with a new forum to promote better liaison with representatives from numerous clients active around the world.

• Relocation of the secretariat to larger offices.

Documentation issued during the year includes:

- 8 new/updated guidance notes (3 SEL, 2 Diving, 3 Marine)
- 128 information notes
- 11 safety flashes, covering 37 incidents
- 4 newsletters
- 5 new pocket safety cards.

rent issues facing the marine contracting sector and the Association's response to these challenges. Following on, Captain Abdul Halim Said (Shell) outlined the emerging marine scenarios and key issues around oil and gas activities in the South China Sea. Chris Austen of MUSC then looked at whether the ISPS Code had enhanced the security of the maritime industry or not and provided some useful feedback on the current status of the Code around the world's diverse ports. Two parallel sessions then followed, where the marine group looked at issues including operational challenges for large deepwater construction vessels on DP, advances in navigation and positioning, DP incidents, and wire ropes – their use and abuse.

The parallel diving sessions included a thought-provoking talk about diving safety – where we are now on this issue and where we're going. This session also looked at diver training, subsea isolations for diver interventions and at hazardous marine life in the Asia-Pacific region. Day two opened with a plenary session where Bill Donaldson of Sonsub provided a fascinating account of the Prestige project. Subsequent talks also looked at technological developments, recent initiatives and new IMCA guidance on FMEAs. Nine further workshops built on the discussion set off by plenary presentations.

IMCA extends its sympathies to the people of the regions affected by the tsunami of 26 December 2004.

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Dubai 2005

Even before the proceedings of the recent 2004 annual seminar have been published, preparations are underway for this year's event to be hosted in Dubai by IMCA's Middle East & India Section – currently growing well with new members in all categories. A steering committee set up to organise this event has agreed that the format will not change much from that employed in Singapore – to provide plenary sessions for all participants followed by separate parallel marine and diving presentations and workshops.

The secretariat would welcome any suggestions for papers, presentations and topics for inclusion in the programme, including the range of operational experience reflected previously, latest technological developments and other current issues. That said, it would particularly welcome contributions that will reflect the particular characteristics of operating in the host region.

Please e-mail your ideas to Jane.Bugler@imca-int.com.

Secretariat's Technical Team Grows

Nicholas Hough (right) joined the IMCA secretariat in January as Technical Adviser.

For the past decade Nick worked as a chief observer or senior data acquisition specialist for WesternGeco, a market leading seismic survey joint venture owned by Schlumberger and



Baker Hughes. He has seventeen years' experience at sea in marine seismic survey, having started in 1988 with Seismograph Service Ltd (SSL) after completing a degree in physics & geology and spending a year studying electronic engineering.

Nick has worked in many different corners of the globe, including the North Sea, West Africa, the Caspian Sea, the Far East, and most recently Latin America and the Gulf of Mexico. He has worked on some 13 different vessels and spent several years working in a Russian maritime environment with crews from the former Soviet Union. Nick has varied oilfield experience, including DP based seabed seismic surveys in the North Sea and offshore Louisiana, and complex towed multi-streamer seismic surveys in many challenging locations.

Initially Nick will be tasked to bring his recent field experience, high awareness of practical quality and safety matters, and strong presentation skills to many aspects of IMCA's work, perhaps especially the Safety, Environment & Legislation (SEL) and Training, Certification & Personnel Competence (TCPC) committees.

Best wishes and many thanks...

Towards the end of 2004, three long serving committee members retired from their work with IMCA. The Association would like to express its thanks for the work they have done, to the great benefit of the industry world-wide, and to wish them all the very best for the future. The considerable work of Chris Jenman – Marine Division Management Committee, Mike O'Meara – Vice-Chairman: Safety, Environment & Legislation Core Committee and Georges Arnoux – Vice-Chairman: Division Management Committee, is profiled on each relevant committee page of this issue.

New President

Frits Janmaat of Allseas Group, has become IMCA's sixth President, taking over from Steve Preston of Heerema Marine Contractors. Frits has some 30 years' experience in the industry, having held many roles from Project Engineer and Engineering Manager to Project Manager, Tender Manager and Manager of Projects.

As VP Finance, Legal & Commercial at Allseas, Frits is responsible for all financial, legal and commercial aspects of the company's world-wide pipelaying and subsea activities, including business development, marketing, tendering, and project execution.

Frits takes over the IMCA reins at an exciting time, inheriting a fully updated structure, a larger secretariat in a new home with new ways of working and communicating fully established. The coming years will no doubt continue to see IMCA's broad work programme

RedR Relief Work

There can be few people who were not moved by the devastation caused by the tsunami that hit much of South East Asia on 26 December 2004.

Individuals, corporations and governments around the world have shown huge generosity and support for those affected as they move beyond personal tragedy to rebuild their lives, homes and livelihoods.

RedR (Engineers for Disaster Relief), a charity supported by IMCA for a number of years, provides advice on its website (www.redr.org) for skilled individuals wishing to help with the relief effort. The current focus is on humanitarian aid, but there will be much that can be done by those with an engineering background long after the journalists leave.

Anyone interested in future opportunities, please visit the website (www.redr.org) to find out more about how to register your skills and how you can prepare to make a difference.

expand further to reflect the needs of members active across the globe and tackling a host of new issues.

IMCA's new Vice-President is Knut Boe, Senior Executive VP Marine Operations and Technical Resources for Technip.

IMCA newsletter

ICO Members

The highest IMCA membership category -International Contractor (ICO) - is reserved for large multinational companies keen to contribute strongly to the Association's work. Of IMCA's 260 members, seven currently hold ICO status (Allseas, Cal Dive International. Heerema Marine Contractors, Saipem, Stolt Offshore, Subsea 7 and Technip), each making a major contribution.

Some of this support comes in the form of higher fees paid for a world-wide membership (which helps to fund the Association's work), but it also comes in the time and resources committed through the many personnel who serve on committees or workgroups and who personally oversee or deliver much of IMCA's work programme and published guidance.

ICO support also lends the Association profile that helps to further its objectives and goals. IMCA Council, comprising a senior representative from each ICO member, helps to demonstrate this commitment and provides strategic support and direction.

ICO membership is being actively promoted to suitable companies. If your organisation is considering joining IMCA or extending its membership to this category – please contact Hugh Williams. You will be invited to discuss the various benefits of this membership category for your company with current Council members

Welcome to the first newsletter of 2005.

First a sincere 'Thanks' to Steve Preston for all his work for the Association and especially for his efforts over the past two years to raise the profile of IMCA across the industry and to expand its work programme into new areas, such as the IMCA Contracting Principles, risk guidance and communications strategy.

It is a privilege to take over the Presidency of IMCA for the next two years. I am looking forward to work with Hugh Williams, Jane Bugler and their team, together with Knut Boe of Technip as OMC Vice-Chairman, to deliver IMCA's key objectives to improve safety and operational practice in the offshore sector and to create a solid platform for professional communi-

IMCA Overall Management Committee

President & Chairman: Frits Janmaat, Allseas Group Vice-President: Knut Boe, Technip

Chairman SEL: Chris van Beek, Heerema Marine Cont. *Chairman TCPC:* John Greensmyth, Technip *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, 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

Vice-Chairman SEL: Wallace Robertson, Cal Dive International Vice-Chairman TCPC: Brendan Kelly, Oceaneering Int. Vice-Chairman Diving: Derek Beddows, Technip Vice-Chairman Marine: Pete Somner, Subsea 7 Vice-Chairman Offshore Survey: Will Primavesi, Saipem/Sonsub

Vice-Chairman ROV: Andrew Beveridge, Rovtech

IMCA Chief Executive: Hugh Williams *IMCA Technical Director:* Jane Bugler

cation with our clients.

IMCA is nearing a significant milestone - the launch of its Contracting Principles. After more than twenty years of discussions with various partners and on different platforms IMCA is almost there. A serious effort to jointly work out these principles with normal contracting parties has, unfortunately, not been successful. IMCA has therefore taken the initiative to produce what it considers to be a well balanced result.

The present market situation is beginning to help contractors to get a better balance between risk and reward. Operators achieve rapid 'pay back' on their project investments but this does not compare well with contractors working hard and needing all the luck in the world to depre-



ciate their investments over a 15 to 20 year period!

IMCA is also working well with all stakeholders towards its next milestone – the development of risk guidelines for its section of the industry. We will keep you advised of progress on this additional effort to improve the contractual balance between risk and reward.

In the meantime, with a healthy membership of over 260 and growing, IMCA has become truly international. December's seminar in Singapore was a great success and the relatively new Americas Deepwater Section is making good progress, thanks to the enthusiasm of some early members.

This success must reflect the hard work of a small secretariat, but to a large extent it is also down to the work of more than 100 people serving on the different committees. These individuals, each supported by their employers, put a lot of personal time and effort into making IMCA stronger and more effective. There must be other associations - such as those involving operators - that look at IMCA with envy.

Let's keep up the good work!

rom the Chairman

Issue 34 February 2005

Freelance Competency

IMCA's information pack on competence assurance and assessment for experienced freelance personnel has now been launched, following feedback from contractors and agencies at a meeting in November.

IMCA's competence framework, launched in 1999 and updated in 2003, has helped contractor members establish inhouse schemes with which to demonstrate to clients and regulators the competence of personnel working in safety-critical positions. However, additional help was needed to enable freelance personnel, working for a variety of member and non-member companies, to work within a company scheme while retaining the ability to move between employers.

The new information pack explains the IMCA guidance, how it works and how freelancers can develop a portfolio of work logs and assessment records. As an issue which particularly affects hydrographic survey and ROV personnel, the pack is particularly aimed at those sectors, with inserts providing guidance for every specified competency within these IMCA divisions.

The Association maintains an extensive list of agencies with which it communicates on competence issues. Those in IMCA membership gain access to the full range of relevant documentation but to ensure wide availability this pack is also being made freely available to non members via the website (www.imca-int.com/competence). Members are asked to advise the secretariat of all the agencies they use so that all relevant information can be sent to them. By launching the pack at a quieter time of the year, it is hoped individuals and agencies will have more time to familiarise themselves and prepare for adoption across the sector.

The Underwater Centre

Europe's leading diver training centre

The Underwater Centre in Fort William is one of the most highly regarded commercial diving training centres in the world. We're the only diving centre to be approved for all levels of HSE diver training, from HSE SCUBA to HSE Closed Bell (Saturation/Mixed Gas).

AT THE UNDERWATER CENTRE WE OFFER

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- An ideal deep-water training site simulating offshore conditions
- Instructors who are recognised and highly respected worldwide
- Custom built on-shore training facilities
- A proven record in deep water equipment trials
- Excellent accommodation and dining options

 Based in Fort William, the Outdoor Capital of the UK Check out our website, or call with any questions 01397 703786

> www.theunderwatercentre.co.uk info@theunderwatercentre.co.uk

> > UNDERWATER CENTRE

Fort William & Tasmania

Simulator Questionnaires

Members are reminded of the questionnaire circulated as information note IMCA TCPC 18/04 about the use of simulators in relation to training, certification and competence assessment. For future guidance to reflect the experience and needs of members, additional feedback is required. For example, can your company comment on any of the following: · Are simulators used only for general training

or for project design; site-specific trials; project-specific training or other purposes?

• Do all simulators have to be as realistic as possible? If not, do users find a large degree of artificiality acceptable?

• Which other devices are used to increase reality (e.g. wheelhouse window views, radar displays, curved screens, weather input, surround sound, virtual reality headsets)?

 Does simulator training replace actual operational experience in respect of time required for certification or other proof of competence in any of the operational fields?

• Do you note a difference between ability of personnel on a simulator and their actual performance on an operation?

The questionnaire is available via the members-only website or on request from imca@imca-int.com

TCPC Information Notes published since Issue 33

TCPC 19/04	Crane hand signals
TCPC 20/04	Nautical Institute DP logbooks
TCPC 21/04	Issues arising from implementation of the ISPS Code
TCPC 22/04	DP seatime for the purposes of certification
TCPC 23/04	Proposed new OPITO standard for rigger competence
TODO 04/05	I I
	Documents Issued in 2004
TCPC 02/05	Helidecks and Helicopter Operations
	Proposed Amendments to CAP 437 (UK)
TCPC 03/05	Diving-Related Training Courses

TCPC Core Committee

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

Monique Laros, Allseas Group Philip Hargreaves, Stolt Offshore Darren Bown, Subsea 7 Mark Elder, Subsea 7 Gavin Smith, Subsea 7 Mike Llovd, Technip Brian Robertson, Technip

Americas Deepwater Section: Lou Cranek, Institute of ROVs Asia-Pacific Section: Vacancy Middle East & India Section: Mohamed Omar, International Naval Works

IMCA Schemes Administrator: Vicki Graham

THE

Get Your Statistics In!

The secretariat is now compiling safety statistics for IMCA from 2004. All members should have received a request for their data, so that the figures produced can be truly representative. Members are reminded that the information given in the report is strictly anonymous, with the incident rates for numbered contributors listed only against a banding according to the scale of operation.

For the second year, the report will include an analysis of leading performance indicators. These were developed using input provided by members at two workshops and convey information about measures put in place by members in order to demonstrate their pro-active approach to safety. The 2003 incident report suggested that those companies recording such an approach were better able to reduce their incident rates. It's hoped that this year's report will confirm this linkage, as well as indicating further progress towards the zero-injury goal.

If you have not already done so, please forward your company's statistics to Jane.Budler @imca-int.com ASAP or contact her if you need details of the figures requested.

Malaria prevention

IMCA continues to work with OGP on guidance about malaria prevention, joining a two day meeting in January in Paris. The OGP committees will shortly be asked to review/approve material from the workgroup.

Cable Laid Slings & Grommets

A workgroup has now met to discuss the reissuing of PM 20, the guidance on this topic that is no longer issued by the UK Health & Safety Executive. It is now clear that the European Standard EN13414-3 does not apply to sea-going vessels or MODUs, which increases the urgency for a replacement. A draft IMCA version is now nearing completion and will shortly go forward for committee review.

Mike O'Meara

The outgoing vice chair of SEL core committee, served as a member of the Diving Division Management Committee when IMCA was formed in 1995, continuing the work he did with AODC. He was elected to the management committee for the Safety & Legislation core activity in 1997 and became Vice-Chairman in 1999.

Mike O'Meara's life-long efforts to improve offshore occupational health and safety were powerfully acknowledged in 2004 when he was given an Honorary Fellowship by the Institution of Occupational Safety and Health (IOSH) Europe's leading body for health and safety professionals.

Mike's committee role has been taken over by

Wallace Robertson of Cal Dive International.

SEL Information Notes published since Issue 33

- SEL 39/04 Crane hand signals
- SEL 40/04 Issues arising from implementation of the ISPS Code
- SEL 41/04 Data required on helideck operations
- SEL 42/04 Proposed new OPITO standard for rigger competence
- SEL 01/05 Documents Issued in 2004
- SEL 02/05 Helidecks and Helicopter Operations Proposed Amendments to CAP 437 (UK)
- SEL 03/05 Correction to Correction to European Crane Standard SEL 04/05 Species Transfer through Ballast Water
- Issue 34 February 2005

Elements for safety

The third 'football ground' safety seminar. Completing the Health & Safety Jigsaw, was staged by the SEL committee at the Ajax Amsterdam Arena on 3-4 February. Over 70 delegates from more than 30 member companies attended and their parting remarks indicated that this had been another successful event. The format has been developed from the previous events at the grounds of Manchester United and Newcastle United, with further input from the 2003 joint marine/SEL seminar in Houston.

Topics came from different parts of the IMCA membership, but a common theme for several speakers was how personal experience, including some painful lessons, led to change. Getting the safety message across to each individual remains essential:

• Accidents are not good business • Accidents hurt individuals and those around them e.g. families • Each individual is responsible for their own safety

• Employers don't want individuals to take shortcuts and risks.

One poignant drama – depicting a wife's decline after her husband had been injured - sparked much discussion regarding the various media options available for getting the whole message across. The informal setting provided many ideas and helped set objectives for the committee in 2005.

A CD of proceedings will be available shortly.

SEL Core Committee

Chairman: Chris van Beek, Heerema Marine Contractors Vice-Chairman: Wallace Robertson, Cal Dive International

Mat Schreurs, Heerema Marine Contractors Philip Bradbury, Integrated Subsea Services Steve MacMillan, J Ray McDermott Eastern Hemisphere Sal Ruffino, Saipem/Sonsub Ken London, Stolt Offshore Allan Hannah, Technip Foeke Tulner, Workships Contractors Americas Deepwater Section: Lynn Lehmann, Saipem/Sonsub Asia-Pacific Section: Des Power, Subsea 7

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

Asia-Pacific

The section met on 1 December in Singapore, immediately before the well attended Annual Seminar. This timing helped to ensure that representatives from every worldwide IMCA committee were also able to attend, providing updates on current work, learning more about the needs and priorities of members in the region and giving support and advice for items currently on the section's agenda.

Members in the region are invited to put forward suggestions for future workshops to run alongside the popular client briefing sessions. Recent sessions have considered issues such as diver medicals, basic safety and offshore survival training requirements and the impending revision of the **Common Marine Inspection** Document, where the work and input of section members has been useful in driving forward IMCA's work on these issues.

Next section meeting: 10 March 2005 in Jakarta, Indonesia.

Middle East & India

As ever, the December section meeting was well attended with some new faces reflecting the continued growth in membership. The section is now represented on all of IMCA's world-wide committees, with Mohamed Omar (INW) joining the TCPC committee and Chris Blake (Fugro Survey) going to serve on the ROV committee. These individuals aim to represent members in the region and to enhance the effectiveness of the global committees.

As noted on page 2, the section has offered to host the 2005 IMCA Annual Seminar at the end of the year. The steering committee planning this event would welcome suggestions of presentations/ topics, particularly where they involve local experience and insight on issues affecting the global audience.

The section is also organising a briefing event for clients and potential members on IMCA Marine Division – guidance, achievements and current work. Members are reminded to forward contact details of potential invitees to section Vice-Chairman, Charlie Rogerson (crogerson@ccc.ae), together with suggestions of topics to highlight in the day's programme.

Next section meeting: 22 March at the Jebel Ali Hotel, UAE.



The section meeting on 20 January at Allseas' Houston office provided members with a local and world-wide update. This was followed by another popular client briefing and discussion in the afternoon covering IMCA's key publications and output from the contracts workgroup on the contracting principles and the planned risk guidelines. The section's diving subgroup remains highly active, reviewing documentation and addressing issues affecting members in the region. Personnel, equipment and procedures have all been examined and valuable input has been given to redrafting documents on surface supplied mixed gas diving.

The SEL and TCPC regional

sub-groups have started joint meetings to discuss a number of Gulf of Mexico (client-driven) initiatives on safety and competence requirements. Most other sub-groups have now completed their reviews of IMCA guidance in their area

Chairman: Steve MacMillan, J Ray McDermott

Chairman: Andy Bolton, Technip Oceania

Europe & Africa Section Steering

Vice-Chairman: Craig Broussard, Subsea 7

Remote Systems & ROV

One Authoritative Voice

Feedback indicates that work with regulators on existing or proposed legislation affecting members is one of IMCA's key roles on behalf of the industry. Members receive regular briefing on developments around the world which might affect them. Through its observer status at IMO, and through close involvement with various regulatory bodies, IMCA also works to lobby for its members' interests and to present information that reflects their extensive experience around the globe.

In recent years top issues have included implementation of the EU Working Time and Physical Agents directives, personnel basket

Europe & Africa

Section Meeting

IMCA's Europe & Africa Section met on on 3 February 2005 at the Ajax Amsterdam Arena immediately prior to 'Elements for Safety' – the latest SEL safety seminar (see page 5). This gathering provided participants with an update on the section's work since the last meeting, not least the efforts of the new workgroups covering contracts, decommissioning and renewable energy.

New Workgroups

The first meetings of two new workgroups established by the E&A Section were held in Aberdeen on 25 January. Covering decommissioning and renewable energy, each

group reviewed draft position papers developed since the productive workshop held in 2004. In each group a number of interesting issues arose and several actions were identified.

The next workgroup meetings will be held on 12 April 2005 at Bluewater's offices in Hoofddorp, Netherlands.

If your company would like to get involved in either workgroup, or if you would like to be kept up-to-date through receipt of minutes, etc., please contact the secretariat. transfer in the UK sector, regulatory changes in Norway and Australia, involvement in a review of Brazilian oversight, post-9/11 security provisions in US waters and involvement at IMO on a range of issues including the ISPS Code and emergency towing systems.

IMCA is aware there may be new developments where the 'authoritative voice' of the Association could better inform decision making and the design of new regulation.

For this reason, the secretariat welcomes news about any such developments – from members in every region – and appreciates introductions to any relevant regulatory body or organisation.

Please contact the secretariat if particular issues arise where you feel the Association as a whole could offer relevant information or expertise. The Remote Systems & ROV divisional committee was meeting as this issue of the newsletter went to press.

News of the work programme will appear in the next issue.

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 Dave McKay, Fugro Survey John Davies, Global Marine Systems Keith Robathan, Sonsub Colin Mackay, Stolt Offshore Neil Milne, Subsea 7 Dave Walker, Technip

Americas Deepwater Section: Robert Keith, Saipem/Sonsub Asia-Pacific Section: Neil Forbes, Technip Oceania Middle East & India Section: Chris Blake, Fugro Survey Middle East

Remote Systems & ROV Information Notes

published since Issue 33

R 01/05 Documents Issued in 2004



SMTT Committee

The Safety, Medical, Technical & Training (SMTT) Committee is seeking new members to help with its busy work programme. The committee, under the chairmanship of Alan Forsyth (Subsea 7) is responsible for drafting Diving Division guidance and is often referred to for specialist technical input. With over 15 member companies represented, broad-based experience from around the world is brought together when developing new and updated guidance on a variety of topics.

The minutes of recent meetings (automatically distributed to members of the division at time of issue) are available via the members-only website or by request from the secretariat.

Membership of the committee is open to any individual from a Diving Division member company.

Anyone interested in participating in its work should contact Jane.Bugler@imcaint.com

Mixed Gas Surface Supplied Diving

Guidance contained in IMCA D 030 on the use of mixed gas surface supplied diving techniques is currently being updated by a Diving Division workgroup with representatives from each region.

Experience fed back by companies which use the technique is being used to extend and enhance the guidance so that it gives consideration to the different approaches used for surface supplied mixed gas diving, identifies the hazards and risks associated with the different approaches and defines appropriate control measures.

A draft of the revised guidance is due to be circulated to all Diving Division members for review shortly.

Georges Arnoux

Georges has stood down as Vice-Chairman: Diving Division Management Committee after two years in that position and thirteen years before that as Chairman of the safety and medical committee.

Georges has been involved in the diving industry throughout his working life and brought his considerable practical experience to all aspects of the committee's work including training, competence and safety issues, towards the common aim of ensuring that diving is a safe and efficient occupation worldwide.

The new Vice Chairman of the division is Derek Beddows of Technip, who has been heavily involved in developing new and updated guidance produced by the division over recent years.

The same workgroup is also overseeing the development of a new volume of DESIGN (the Diving Equipment Systems Inspection Guidance Note) covering the equipment required for mixed gas surface supplied diving operations, based on IMCA D 023 and D 024 for air and bell systems but providing specific guidance for those using the mixed gas method.



Diving Information Notes published since Issue 33

D 13/04 Update on evaluation & testing of environmental control of hyperbaric evacuation systems

- D 01/05 Documents Issued in 2004
- D 02/05 Medical Assessment of Working Divers

D 03/05 Diving-Related Training Courses

Diving Division Management Committee

Chairman: Alan Forsyth, Subsea 7 Vice-Chairman: Derek Beddows, Technip

Jerry Starling, Integrated Subsea Services Darren Brunton, KB Associates Joar Gangenes, Stolt Offshore

Americas Deepwater Section: Allan Palmer, Stolt Offshore

Asia-Pacific Section: RP Singh, Stolt Offshore Asia

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

Caution on Hyperbaric Lifeboat Testing

In 1999, IMCA issued a protocol for the thermal testing of hyperbaric lifeboats, with an information note and technical information for those responsible for such testing. The same protocol was then thoroughly reviewed and updated for reissue last September as *IMCA D 09/04 – The Evaluation and Testing of the Environmental Control of Hyperbaric Evacuation Systems.*

The revised protocol includes adjusted figures for the metabolic heat output from a diver to be used in the tests, which were agreed after much discussion on the issue. It also proposed a higher value for the CO_2 injection rate to be used for the 24-hour test.

Initial validation testing by members indicates that this new rate may be conservative so advice is being sought from an expert on respiratory physiology in order to clarify the issue as soon as possible.

In the meantime, it is advised that caution should be exercised in relation to the CO_2 level used in any testing undertaken.

Offshore Survey Division Management Committee

Chairman: Walter Steedman, Subsea 7 *Vice-Chairman:* Will Primavesi, Saipem/Sonsub Stuart Reid, Andrews Survey Ian McKenzie, Fugro Survey Bob Downing, Maritech Brian Beard, Noordhoek Offshore Ray Morgan, Oceanteam

Americas Deepwater Section: Stephen Browne, Subsea 7

Asia-Pacific Section: Dave Scott, Fugro Survey Middle East & India Section: Phil Hillier, Fugro Survey (Middle East)

Work Programme

The Offshore Survey Division Management Committee has set out an ambitious work programme to further broaden its focus to cover a variety of new technical issues.

A number of projects have already started with some nearing completion. These include guidelines on the shared use of DGPS for DP and survey purposes (with similar guidance on sharing of acoustic systems planned); draft digital video guidelines (now compiled and under review) and guidance on safe manning levels (in preparation). New work items include a briefing note on the EGNOS service (see right), additional work on acoustics, follow-up to discussions within the Society for Underwater Technology and the Hydrographic Society and planned assistance for members on permit/licencing issues for vessels operating in foreign (non-vessel-flag) waters. Following the 2004 Annual Seminar in Singapore, which for the first time featured input from all four technical divisions, the Offshore Survey Division is already looking at how it can contribute to the 2005 seminar next December. Division members should please forward any specific suggestions. The division's management committee also remains keen to continue raising its profile, among potential members, clients, regulators and other relevant bodies, in order to help further the division's objectives and spread the benefits of membership to an increasing number of organisations. To this end, a meeting with clients is planned together with a lunch reception at Offshore Europe in September. During 2004, despite further consolidation in the sector, the division continued to attract new members - Horizon Survey Company, Oceaneering International/PT Calmarine, Oceanteam IRM Ltd and supplier members Nautronix plc and Offshore Logistics (Asia Pacific).

Anyone interested in membership or wishing to promote it to industry colleagues is encouraged to contact the secretariat or visit the website for full information.

EGNOS

Offshore Survey Division members will shortly receive an information note providing details of the European Geostationary Navigation Overlay Service (EGNOS).

This is a joint project between the European Space Agency (ESA), the European Commission (EC) and Eurocontrol (the European Organisation for the Safety of Air Navigation). It is Europe's contribution to the first stage of a global navigation satellite system (GNSS) and a precursor to Galileo, the full global satellite navigation system under development in Europe.

EGNOS became fully operational at the end of 2004 and is now in a certification phase until 2006. During this phase operators with suitable receivers can use the service, while after certification it will be available for safety-critical applications such as flying aircraft or navigating ships only through narrow channels.

The information note sets out technical details on the operation of the system, which augments both GPS and GLONASS to provide positioning data together with some indication of its accuracy.

Consideration is given in the information note to the suitability of EGNOS for offshore positioning operations, to the conclusion that EGNOS has the potential to be a viable positioning system for offshore operations in Europe. However, during its development/early certification phase, any usage for survey or DP operations should not be considered until full offshore acceptance trials have been undertaken.

Offshore Survey Information

Notes published since Issue 33

S 05/04DGPS health checksS 01/05Documents Issued in 2004

Chris Jenman

After many years Chris Jenman steps down from the Marine **Division Management** Committee.

As founder and Chairman of Global Maritime, Chris also founded the DPVOA and brought 25 years of experience with design and operation of DP vessels into IMCA when in 1995 it formed through the merger of AODC and DPVOA.

Chris was instrumental in guiding IMCA through its early days when he served as secretary to the Marine Division and subsequently as both member and Technical Adviser to the Marine Division Management Committee. He authored much of the present DP guidance and has been a valued contributor to many issues on today's Marine Division work programme.

FMEA Management Guide

Good progress continues to be made in developing IMCA's FMEA management guide. The draft has been circulated widely to stake-

holders throughout the industry. A presentation was also given at the Annual Seminar in Singapore (see page 1) by Ian Harper of Wavespec, the organisation commissioned by the Marine Division Management Committee to develop the guide. These two processes have elicited a range of useful feedback which is now being considered as IMCA moves towards finalisation of this key document.

Marine Division Management Committee

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

Michiel Goedkoop, Heerema Marine Contractors David Blencowe, Mærsk Supply Service Ken McLean, Poseidon Maritime Ian Young, Prosafe Offshore Arnfinn Vika, Stolt Offshore Steve Woodward, Technip Kjell Egil Helgøy, Teekay Norway Pete Fougere, Transocean

Americas Deepwater Section: Vacancy Asia-Pacific Section: Andy Bolton, Technip Oceania Middle East & India Section: Lachlan McKelvie, Seabulk Offshore

2003 DP Incidents Report

IMCA's annual report on DP incidents for the year 2003 is now being prepared for publication. Covering some 51 incidents, it notes that power or thrust faults accounted for most incidents, followed by operator error and DP equipment problems.

The Marine Division Management Committee has commissioned a review of DP incidents over the last ten years which should help identify trends and action required by the committee through its ongoing work programme.

Preparation of the report on incidents in 2004 is also about to commence, so we would ask all vessel operators to ensure that their DP incident reports have been submitted to the secretariat. As always, the reports are dealt with on a strictly confidential basis and are anonymised prior to inclusion in the report.

Please ensure that your vessels are using the latest forms, which show the secretariat's new details at 5 Lower Belgrave Street in London – for copies and/or to submit details on an incident, please contact Jane.Bugler@imca-int.com

 Guidance on the use of DP on supply vessels (see right).

Marine Information Notes published since Issue 33

- M 36/04 Crane hand signals
- M 37/04 Marine Division management committee
- M 38/04 Nautical Institute DP logbooks
- M 39/04 Issues arising from implementation of the ISPS Code
- M 40/04 DP seatime for the purposes of certification
- M 41/04 Data required on helideck operations
- M 42/04 Proposed new OPITO standard for rigger competence
- M 01/05 Documents Issued in 2004
- M 02/05 Helidecks and Helicopter Operations Proposed Amendments to CAP 437 (UK)
- M 03/05 Correction to Correction to European Crane Standard
- M 04/05 Species Transfer through Ballast Water

2005 Work Programme

The Marine Division Management Committee recently set out its work programme for 2005.

One key focus will be on lifting operations, where it is felt that additional work by IMCA with and for members could help to further enhance offshore safety and operational efficiency. Under this focus work items include:

- Training and competence of crane and winch operators
- Specification of cranes and abandonment and recovery (A&R) winches
- Crane and A&R operations guidance generally, including issues such as black box requirements
- The second IMCA operational communications guide
- Re-activating the IMCA lifting incident database
- Study of crane reliability.

Other work items include:

- Improvement of DP reporting policies
- DGPS overload issues
- Position paper on DP data interpretation
- Revision of DP trials documents, adding guidance for drilling units
- Improved liaison with Australian, Norwegian and other regulatory authorities
- DVD-based introduction to diving vessels (joint work item with Diving Division)

OSV Guidelines

From the early days of IMCA Marine Division (as DPVOA), the prime subject of guidance developed by and for the membership concerned the operation of dynamic positioning systems, as used in offshore construction vessels. In recent years, more and more offshore supply vessels have been delivered from yards equipped with DP, which has led to a demand from operators and charterers for additional guidance, specific to these vessels.

During recent months, IMCA has been working with an international cross-industry group toward the development of such guidance.

The first draft went out to the group at the beginning of November 2004 and the initial comments have been received, collated and reported back to the group.

The group will now focus on the specific issues raised and move the draft closer to an agreed text for guidance on the operation of DP on offshore supply vessels.

Further reports will keep you updated on progress.

New members

IMCA welcomes:

- Abu Dhabi Marine Operating Company (ADMA-OPCO)
- · Air Products Singapore
- Horizon Survey Company
- · Lamnalco Group
- · Sea and Land Technologies
- SEATAG Offshore
- SubNet Services Ltd
- · Subtech Nigeria Ltd

Name changes

- Norwegian State Diving School is now incorporated into: Bergen University College -Diver Education
- · Well Ops (UK) is now Cal Dive International Ltd
- · Cape Diving & Salvage is now simply Cape Diving

Introducing new members

Lamnalco Group

The Lamnalco group of companies was founded in 1963 to provide marine and maintenance support services to the offshore oil industry. Lamnalco continues to provide port management, LNG/LPG and crude oil terminal services, operating 80 vessels in nine different countries, with a major presence in the Middle East and West Africa. The group is ISO 9001-2000 and ISM accredited.

Tel: +971 6 517 2222 Web: www.lamnalco.ae

Sea and Land Technologies

This company was set up over ten years ago in Singapore to serve the offshore oil and gas industries, defence industries, government agencies covering port authorities, universities, oceanographic research organisations, marine science and geological institutes, offshore construction companies, survey and diving contractors. Its main activities are the supply of high technology survey instruments for subsea and offshore applications and commercial or military diving equipment with local technical service and support to serve this demanding industry.

+65 6561 2622 Tel· Web: www.sea-landtech.com.sg

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- Poseidon Regulators Bell Survival Kits

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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, freelance journalist <zintl@gn.apc.org>

International Contractors (ICO)

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

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