



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

Issue 26

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Shaping the Future

Over 250 delegates gathered at the Aberdeen Exhibition & Conference Centre in early November 2002 for the eleventh annual seminar, a joint Marine and Diving Division event with the theme of "Learning from Experience to Shape the Future".

Participants included onshore and offshore management and operational staff, together with a range of specialist consultants, equipment suppliers and client and regulatory representatives. They heard a range of presentations on topical issues, practical experience, the latest technological developments and operational practices. They also participated in a number of workshops and viewed a range of equipment and services on display at the associated exhibition. A wide range of topics was covered and the high level of contribution to discussion, both in the plenary and workshop sessions demonstrated the delegate interest. IMCA benefited from valuable feedback and this will be used in developing future initiatives.

All delegates assembled for joint sessions to start the seminar, with presentations from IMCA President John Smith (Subsea 7) and Didrik Reymert of Shell Expro on the adopted theme. Dave Turner, Head of the Subsea Engineering Group at BP Exploration, followed speaking on developments affecting diver and ROV operations.

John Smith described the work of IMCA in providing guidelines, the need for self regulation within the industry and the way in which the establishment of guidelines based on the experience of

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Welcome to the New President

Trade associations usually have a president who is a senior representative of their industry. The position is honorary and for a fixed period. IMCA is no different, with a president taking office for a two year term. It has been particularly lucky in two ways: First, IMCA has had a succession of key industry figures in the post with John Smith of Subsea 7 just standing down after a successful term. Second, IMCA's Council and presidents have very actively represented members and guided the Association's development.

This month IMCA welcomes Steve Preston of Heerema Marine Contractors (HMC) as its new President. Steve has been active in marine contracting and offshore operations in the oil and gas sector since 1974. A structural engineer by background, Steve has been involved in or managed many projects including the Oseberg offshore construction project (when he worked for Norsk Hydro in Oslo in the 1980s). Today he has overall responsibility for business development relating to all Heerema's world-wide activities.

Steve has been on IMCA Council for four years as well as being a founder board member of the UK industry body, LOGIC. He also continues a tradition of HMC involvement in IMCA since Hein Mulder (current CEO at Heerema) is a past IMCA President and the company fills a number of key IMCA committee positions. We look forward to Steve Preston's further input in the coming years.

Hugh Williams, *IMCA Chief Executive*



Hugh Williams, IMCA Chief Executive with the keynote speakers: John Smith, Subsea 7 (IMCA President 2001-2), John Thorogood, BP (Chairman Day 1), Dave Turner, BP and Didrik Reymert, Shell Expro.

Introducing Your Secretariat

Every now and again IMCA members come into contact with the secretariat - in committees, to get IMCA documents or to follow up an invoice for an event. Yet we gather from some members that the team lacks visibility. This article seeks to explain who we are and the work we do for you.

IMCA has a small London-based secretariat of five salaried staff led by Chief Executive Hugh Williams, assisted by Jane Bugler, IMCA's Technical Director. The role of this team is to facilitate the business of the Association as managed by the various IMCA committees made up of representatives from the members who volunteer their time and expertise. The secretariat also administers studies commissioned by committees from a wide variety of experts and organisations for the benefit of the members.

Chief Executive **Hugh Williams** is a Chartered Civil Engineer. He started his career in dock and harbour design and site supervision before moving to offshore consultants Noble Denton. Here he specialised in marine operations including towage and installation of offshore platforms, and especially heavy lift crane operations. This project and engineering experience was a vital springboard to his role as Business Development Manager for Heerema Marine Contractors' UK office. Before starting at IMCA in early 2002 he had another spell in marine consultancy with Global Maritime.

Throughout this time Hugh worked in engineering and commercial liaison roles between contractors, clients and consultants. Several projects also included work with government, statutory bodies, universities, professional bodies and various research organisations. All this experience is invaluable in his work.

Jane Bugler is a Chartered Chemical Engineer who worked in the chemical industry for several years before joining the UK Health & Safety Executive, where she worked in a variety of roles until 1997 when she became IMCA's Technical Director. Jane has particular responsibility for the technical agenda of the committees and for technical liaison between IMCA and external organisations. These include OGP, UKOOA, the HSE and various diving organisations. Jane is IMCA's authority on safety and diving issues

providing invaluable continuity between the many technical agendas, separate pieces of documentation and the wide variety of clients, governments, authorities and other bodies mentioned above. Jane also coordinates the quarterly newsletter and works with **Hannah Pearce** (a freelance journalist retained since 1998 to put this publication together) to produce the material required for this task.

Phil Wiggs is a qualified mariner who joined IMCA in September 2001 from Lawrence Graham, an internationally known firm of solicitors, where he worked in their marine law department, mainly investigating marine casualties and acting for shipping clients from around the world. Prior to that he had a career at sea, mainly on foreign-going vessels but including command on the coast, pilotage and experience of offshore support vessels. All provide special expertise for his role as Technical Co-ordinator. Not surprisingly he works primarily with the Marine committee and on marine matters associated with other committees. In addition Phil is the representative at meetings of IMO and other non-IMCA committees.

As IT Operations Co-ordinator **Adam Hugo** is responsible for everything from IMCA's websites and electronic communications to the secretariat's computer hardware and network along with in-house support for these resources. Since he joined in 1998 he has implemented a number of innovations - e.g. the members-only website. His role also covers printed document and CD origination, certain finance-related tasks, practical support for the technical team and secretarial functions.

Nina Adams is the voice you hear when IMCA answers your call. She provides wide ranging secretarial and office support and has worked for the Association since the days of AODC. Nina is particularly involved in organising IMCA's seminars/events and manages the distribution and invoicing for all IMCA publications.

Working part time and from Aberdeen, **Vicki Graham** has run IMCA's diving supervisor and life support cer-

tification schemes since their inception (under AODC) during the 1980s. This includes organising examinations in a wide variety of locations, setting and marking the papers, issuing certificates and keeping the scheme records. In this role Vicki works closely with the Diving and TCPC Committees.

Additionally, in London there is a part-time accountant and a part time controller for the stock and dispatch of IMCA publications.



L-R, Phil, Jane and Hugh



Vicki



Adam & Nina

e-Developments

The entire proceedings of the 2002 annual marine and diving seminar (presentations, written papers and workshop reports) are now available for easy viewing in PowerPoint and PDF formats on a single handy CD. Copies should be with all delegates and division members by the time you read this.

While members will continue to see IMCA's old headed notepaper for a while until stocks are exhausted, the information notes have been updated to incorporate the new logo and a smarter design. The first new-style notes went out earlier this month.

By popular demand, a set of message boards is now under development for the members-only website to enable discussion of technical/safety-related issues, including certain draft guidance documents before they are published. Previously, such discussions have only been possible at seminars, committee meetings or via e-mail, none of which can bring a broad variety of members world-wide together in the same forum to deal with various aspects of an issue so quickly.

For more information please contact
Adam.Hugo@imca-int.com

I want to begin by thanking John Smith for his tremendous work as President of IMCA over the past two years. He has worked tirelessly to help modernise the Association's constitution and operating structure. Having been involved with John and other Council members in developing these important changes I am proud to take over from him.

Companies operating in the marine services sector always follow the work. With substantial offshore developments taking place all over the world it's crucial that IMCA now expands to become an effective global organisation responsive to the widely differing political and environmental climate in every region. Greater diversity emphasises in particular the value and importance of globally accepted guidelines. The marine services sector therefore needs a competent global trade association capable of developing and maintaining such guidance.

I see it as my role to help IMCA win global recognition as the trade association of preference among marine contractors, service providers and their clients. This responsibility extends to all members so I invite all of you to help spread the word globally about IMCA and what it exists to do.

IMCA members already employ a significant proportion of the people who make the difference between success and failure for many offshore projects. Through their association IMCA members have an opportunity to use their collective strength to continually improve standards and to direct the development of a consistent global market place within which to conduct safe and profitable business.

Having established an Americas Deepwater Section last year, the formation of a Europe & Africa Section will now take considerable energy and attention. When complete this process will deliver an organisation with full participation and balanced representation from every region and all parts of the offshore marine services sector.

Wishing you all a safe, peaceful

and prosperous New Year, Steve Preston



IMCA Overall Management Committee

President & Chairman: Steve Preston, Hereema Marine Contractors

Vice President: Frits Janmaat, Allseas Group

Chairman Diving: Alan Forsyth, Subsea 7

Chairman Marine: Hugo Bekker, Allseas Group

Chairman ROV: Kevin Kerins, Oceaneering International

Chairman Offshore Survey: Alf Parker, Subsea 7

Chairman SEL: Chris van Beek, Heerema Marine Cont.

Chairman TCPC: John Greensmyth, Technip-Coflexip

Vice Chairman Diving: Georges Arnoux, Stolt Offshore

Vice Chairman Marine: Pete Somner, Subsea 7

Vice Chairman ROV: Dave Walker, Technip-Coflexip

Vice Chairman SEL: Mike O'Meara, Subsea 7

Vice Chairman TCPC: Brendan Kelly, Oceaneering Int.

Chairman, Americas Deepwater Section:

John Reed, Heerema Marine Contractors

Chairman, Asia-Pacific Section:

Andy Bolton, Technip-Coflexip Oceania

Chairman, Middle East & India Section:

Steve MacMillan, J Ray McDermott Diving Div.

IMCA Technical Director: Jane Bugler

IMCA Chief Executive: Hugh Williams

IMO Developments

IMCA attended extensive IMO committee sessions held at the end of 2002, the most intense and heavily subscribed of which was the Maritime Safety Committee (MSC). This body had a high profile focus on security issues, which will result in further amendments to the International Convention for the Safety of Life at Sea (SOLAS) 1974 (see information notes *IMCA M 30/02* and *45/02*.) On another marine safety issue, IMCA raised the proposal relating to emergency towing systems in plenary (see the last issue of the newsletter) and a paper has now been submitted by IMCA. This paper will be included in the next MSC agenda, for its May 2003 session.

FPSO contractor members of IMCA have been working in a correspondence group to finalise the wording of a Marine Environment Protection Committee (MEPC) circular dealing with the application of MARPOL Annex I requirements to FPSOs and FSUs. The correspondence debate was complex, lasting some months and covered a number of issues. IMCA successfully lobbied on behalf of its FPSO contractor members to achieve suitable text. See information note *IMCA SEL 03/03*

2002 Competence Workshop

In November 2002, over sixty people attended a one-day workshop to review the IMCA Competence & Assurance Scheme.

Using helpful and amusing cartoons and video clips, John Greensmyth, Chairman of the TCPC Committee, welcomed the delegates and gave an introduction, summarising the need for and the use of the system.

Jane Bugler followed with an overview of the current situation and the future direction of the scheme, before the guest speakers, Charles Hedgcock and Peter Glover from the Standard P&I Club gave an insurer's perspective of the need for a competent workforce. This was supported by photographs depicting the results of incompetence of a workforce or its management. As only one of two protection and indemnity insurers who specialised in offshore cover, they were well placed to see the need for their members, not only to have a competent workforce and a system in place to ensure that, but to be able to demonstrate both factors to the satisfaction of their insurers, and no doubt eventually to a court.

Separate groups formed to discuss the system in different operational areas. These covered Diving, Remote Systems & ROV, Offshore Survey and Marine operations. The resultant feedback was presented the next day at the TCPC Committee meeting and provided substance for further initiatives. The action items arising are:

FAQs - Include section on IMCA website (TCPC committee/Secretariat)

Agency Personnel - Additional information needed, information card to be developed (R Warburton, TCPC committee)

Revalidation - Guidance on appropriate evaluation period and personnel returning to industry (R Warburton, TCPC committee)

Simulator Courses - Review during 2003 (TCPC committee)

Additional Positions - Development of 'Client Representative' competences (TCPC committee)

New Experienced Personnel - Consider developing additional guidance

Diving Division & TCPC will look at the need for guidance on *in-water competences*. Marine Division will organise a *marine-specific workshop*. Survey Division & TCPC will look into guidance needed on *logbook completion* and review the need for common end-of-trip appraisal. Lastly, ROV and the secretariat will update guidance on piloting/industry time.

A full report has been compiled and distributed to those present and members' TCPC representatives.

TCPC Core Committee

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

Monique Laros, Allseas Group
Ed Danson, Fugro-UDI
Donald Beezer, Global Marine Systems
Paul Smith, Stolt Offshore
Eric Law, Subsea 7
Mike Lloyd, Technip-Coflexip
Brian Robertson, Technip-Coflexip
Sarah Willetts, Thales GeoSolutions

Americas Deepwater Section: Mark Canada, Transocean
IMCA Schemes Administrator: Vicki Graham

TCPC Work Programme 2003

As well as continuing work to help members implement their Competence Assurance & Assessment schemes, items on this year's work programme are:

i) Recruitment

- Continue to participate in 'Talking Jobs' website
- Conduct a survey on perceived shortage of personnel, both onshore and offshore
- Help with/participate in ILT graduate awareness initiative.

ii) Training

- Review of Diver Medic scheme
- Review case for methodology for use of simulators in training
- Participate in development of outline syllabi for ROV training.

The committee would welcome comments and views from readers on the use of simulators in training and other applications.

TCPC Information Notes

published since Issue 25

TCPC 01/03 2002 information notes

THE DYNAMIC POSITIONING CENTRE
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THE DYNAMIC POSITIONING CENTRE

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e info@thedpcentre.com

www.thedpcentre.com

No Harm – What’s the Problem?

IMCA Safety Seminar – Newcastle, UK, 6-7 February 2003

Following the success of last year’s safety seminar, the Safety Environment & Legislation Committee is organising a second seminar, maintaining the impetus from last year’s event.

The adopted theme builds on last year, examining why there are still incidents occurring despite the measures being put in place. What issues are causing these incidents? What human factors are involved? What behavioural-based issues arise? Guest speakers from clients and specialists will establish a range of talking points on these and other topics, which will be the focus of workshop sessions.

Other peoples’ ideas on safety and how they implement safe systems are always of interest and, to that end, space will be arranged for a number of companies to exhibit and share their ideas, initiatives, experiences and best practice. This display will form a specific Safety Trading session in the programme. If your company would like to exhibit, please contact Jane.Bugler@imca-int.com or Philip.Wiggs@imca-int.com.

As with last year, we want people from offshore operations to attend as well as the shore-based management and we ask you to ensure that the invitation is passed out to offshore workforces.

Noting the popularity of staging last year’s event at Manchester Football Club ground, this next event will be held at St. James’ Park, Newcastle, the home of Newcastle United Football Club. To encourage early response, those registered before 23 January 2003 were automatically entered into a draw for tickets to the match on the Saturday after the meeting – 8 February 2003.

Register online via the IMCA website or by e-mail to events@imca-int.com

Video on Working at Height

The SEL Committee has agreed that it would be useful to produce a video on working at heights, demonstrating good work practices.

A company which has significant experience of producing safety videos for the offshore industry has been identified to undertake the work. The SEL committee proposes that the video should last about fifteen minutes and hopefully will include clips from members’ in-house videos showing good working practices.

If anyone has any video clips which they think could be usefully included in this IMCA video, please contact Jane Bugler.

SEL Information Notes *published since Issue 25*

- SEL 37/02 IMO Standard Communication Phrases, 2002 edition
- SEL 38/02 Definition of injury frequency rates
- SEL 39/02 Wheelhouse after-control positions
- SEL 40/02 Working Time Directive: UK DTI consultation on inclusion of offshore workers
- SEL 41/02 Ships’ atmospheric emissions
- SEL 42/02 Standard contracts for the UK offshore oil and gas industry
- SEL 43/02 IMO maritime security measures
- SEL 01/03 2002 information notes
- SEL 02/03 Working Time Directive: Application to ‘Offshore Workers’ on the UKCS
- SEL 03/03 Application of MARPOL Annex 1 to FPSOs and FSUs
- SEL 04/03 USA Waters – New Spill Prevention Control and Countermeasure Rule

Safety Statistics

Every year, IMCA produces safety statistics collated from its members. As usual, IMCA will soon be asking for information from members concerning their safety statistics, this time for the period of 1 Jan-31 Dec 2002.

Last year 32 contractor members provided information and, especially considering the rise in IMCA membership numbers since then, it is hoped that we will receive more data this year.

Any information provided is treated as confidential and IMCA asks that members do their best to respond as soon as possible after we send out the request. We look forward to your continued support. IMCA has previously asked for data for both offshore and onshore activities, from which lost-time injuries and fatalities can be measured against work hours, to provide lost-time-injury and fatality rates.

Following the discussions that took place at the 2002 safety seminar, IMCA’s SEL Committee has continued its work to develop appropriate safety indicators. It intends to circulate the finalised proposals to all members shortly, which will detail a recommended set of safety indicators. This will allow members time to consider how they might collect the relevant information for inclusion in next year’s statistics.

SEL Core Committee

Chairman: Chris van Beek, Heerema Marine Contractors

Vice Chairman: Mike O’Meara, Subsea 7

Richard Curtis, Diamond Offshore Drilling

David Rankin, Global Maritime
Mat Schreurs, Heerema Marine Contractors

Andy Cruickshanks, Promarine
Sal Ruffino, Saipem
Ken London, Stolt Offshore
Allan Hannah, Technip-Coflexip

Americas Deepwater Section: Wayne Seelbach, Cal Dive International

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

Americas Deepwater Section

The Americas Deepwater Section held its inaugural meeting in Houston in October 2002 with some 35 members in attendance under the chairmanship of John Reed from Heerema Marine Contractors and Dick Martin of Subsea 7. The addition of this fourth IMCA section now means that members in any part of the world can meet in their local region and take part in the Association's business.

The number of participants attending this meeting attests to the enthusiasm for starting the section but the members proved even keener to get down to the business.

The section has immediately started five sub-groups that will replicate the IMCA world-wide core activity and technical divisional committees. These sub-groups have already set themselves an aggressive agenda and they are already meeting regularly to get the section up to speed.

Any members based in the region who want to become more involved should contact Johnny, Dick or the secretariat for further details.

The next Section meeting will be held in Houston on 12 February 2003.

Middle East & India Section

The last Middle East & India Section meeting took place in October in Dubai.

At the meeting the section Chairman, Steve MacMillan, provided those present with an overview of the issues discussed at the Diving Division Management Committee and Overall Management Committee meeting he had recently attended.

The members continue to welcome the regular section meetings which provide a good opportunity to get together and an update on IMCA activities.

The section continues to expand with new applicants from various countries in the region

The next section meeting is due to be held in UAE in late January or early February.

*Contact Charlie Rogerson for details.
crogerson@ccc.co.ae*

Asia-Pacific Section

The section meeting held on 31 October was timed to coincide with the Offshore South East Asia Conference (OSEA) in Singapore.

The conference attracted a lot of delegates and equally the section meeting had an impressive 38 participants. Member, Master Tech Diving, had arranged the meeting at the Marina Mandarin Hotel almost adjacent to OSEA. Chairman, Andy Bolton of Technip-Coflexip Oceania, and new Vice-Chairman, Des Power of Subsea 7, ran the meeting with Hugh Williams also attending.

The section continues to break new ground in drafting documents, such as the new ROV Mobilisation Guidelines, which were particularly required for members to explain their needs when mobilising equipment on to vessels of convenience supplied by clients.

The client profile in the section is increasing with new Corresponding Members - Woodside Energy Ltd and (more recently) BHP Billiton. The section is particularly active in its collective approach to clients and encourages new corresponding members – a trend to be encouraged here and world-wide.

The section is also embracing the sub-group philosophy so that technical work in the region can be focused and all members are encouraged to contribute to this development.

The next meeting will be in Perth, Australia on 31 January 2003. Member company, Covus, has volunteered to arrange the venue.

Complicated Control Challenge?

DP PMS VMS TAMS ICS

Seek a solution from:-

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Scotland:	+ 44 (0) 1224 625 600	- Gus Findlay
Norway:	+ 47 (0) 51 81 61 61	- Gunnar Hausberg
Houston:	+ 1 281 558 3690	- Doug Phillips
Holland:	+ 31 (0) 6 473 16811	- Kees van Beveren
Brazil:	+ 55 (0) 27 9962 2313	- Mats Rosengren

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Deep Offshore Technology (DOT)

New Orleans, 13-15 November 2002

DOT has a reputation for bringing together key players involved in the latest projects to develop fields in deeper and deeper water. As well as good technical papers there is an exhibition and a great opportunity for detailed discussion of the latest developments because of the unique attendance.

The fields being developed in deep water are very large, almost by definition. If they were not large and had low flow rates they would not be economic. So, in addition to the field needing equipment designed to sustain the extreme pressures in deep water, the subsea architecture and number of flow-lines is usually large and complex to accommodate the high through-put. Since the developments are often in remote locations and perhaps in harsh environments, these developments contain significant challenges to marine contractors and it is a tribute to the success of our industry that so many deepwater fields are producing. A host of future projects is also on the horizon with many different technical solutions.

IMCA had a stand at DOT which attracted a lot of attention. The show also provided IMCA with the opportunity to formally announce the beginning of its new Americas Deepwater Section. A number of other IMCA members had their own stands at the exhibition as well.

In addition to the technical papers, several speakers presented their own analysis of some of the difficulties encountered in deepwater projects, for example recovering the cost of development of new deepwater technologies; the reluctance of clients to take up new ideas; and the development and application of equitable contracting principles. These topics produced some lively discussion from the delegates.

2003 Work Programmes

As with core and technical divisional management committees, each regional section is finalising a work programme for the coming year. Any members with suggested work items should contact jane.bugler@imca-int.com.

Regional Section Officers

Middle East & India Section

Chairman: Steve MacMillan, J Ray McDermott Diving Div.
Vice Chairman: Charlie Rogerson, Consolidated Contractors Co.

Asia Pacific Section

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

Americas Deepwater Section

Chairman: John Reed, Heerema Marine Contractors
Vice Chairman: Dick Martin, Subsea 7

Revision of AODC 036 Rev 1

In the last newsletter we reported that the Remote Systems & ROV Management Committee had decided to review the guidance note AODC 036 Rev 1 - The initial and periodic examination, testing and certification of ROV handling systems - as this guidance material was becoming out of date (it was last revised in 1994).

A working group, comprising experts from six different contractors, met recently to discuss the revision of this document, in particular the load testing requirements for ROV handling systems.

If anyone has any particular comments to make on the revision of this key document, please contact jane.bugler@imca-int.com.

Americas Deepwater Section Sub-Group

At the inaugural Americas Deepwater section meeting, Scott Wagner of Oceaneering was elected as Chairman of its Remote Systems & ROV Sub-Group. Scott is pleased to note that the first meeting of the sub-group, held on 19 November, was well attended. He reports that it was an enthusiastic and productive meeting and everyone was delighted that they were moving ahead on a positive note. The sub-group now plans to meet regularly.

Remote Systems & ROV Division

Information Notes *published since Issue 25*

- R 01/03 2002 information notes
- R 02/03 Provision of ROV services - India

Remote Systems & ROV Division Management Committee

Chairman: Kevin Kerins, Oceaneering International

Vice-Chairman: Dave Walker, Technip-Coflexip

Doug Graham, Fugro-UDI

John Davies, Global Marine Systems

Andrew Beveridge, Rovtech

Keith Robathan, Sonsub

Colin Mackay, Stolt Offshore

Paul Brain, Subsea 7

Karl Erik Selvig, Subsea 7 Norway

Alan Edwards, Thales GeoSolutions

Americas Deepwater Section: Scott Wagner, Oceaneering International

Asia-Pacific Section: Neil Forbes, Technip-Coflexip Oceania

Cdr. S.A. 'Jackie' Warner OBE, DSC

The last edition of the IMCA Newsletter briefly reported the death of Commander 'Jackie' Warner and promised to give a longer notice in the next one. Here Tom Hollobone describes why if one person had to be selected for the major contribution he has made to improving diver health and safety world-wide, then that person would be Jackie Warner.

Born in 1920 Jackie joined the Royal Navy in 1936 as a boy seaman. He was commissioned in the early 1940s and spent most of the war in the submarine service where in 1945 - at the age of 25 and just nine years after joining - he won command of a submarine. From 1950 he became involved in naval diving and this became his working life until his final retirement 35 years later. Jackie held many important positions in the RN as a Diving Officer, retiring in 1974 to join the UK Dept of Trade & Industry (later the Dept of Energy) as its first Inspector of Diving. This was at a time when the offshore oil and gas business was growing fast (too fast, some may say) with many fatal diving accidents and even more 'near misses'. Someone had to do something to sort out safety and Jackie's appointment was one of those rare occasions when the right man for the job was found at the right time.

Jackie held and expressed strong views, treating everyone the same without fear or favour, whether a government minister, oil company

boss, contractor, or an 18 year-old aspiring commercial diver – though he was probably kinder to the young diver. Stories about him (most of them true!) are legion, many of them centring around his quick wit, swift decisions (most of them the right ones) and capacity for fun. Prudence permits me to quote only one, and that against myself. In a nutshell, he started issuing 'Diving Safety Memorandums', or DSMs for short. These flew in the face of accepted Civil Service practice, but he issued them all the same and expected them to be followed by the industry. Some of them weren't too well drafted and it fell to me (as then Secretary of AODC) to suggest amendments to remove ambiguities and improve clarity. As this was usually after their publication, it needed tricky handling because amendments had then to be published. Increasingly I nagged him about prior consultation, usually fearing the sharp end of his tongue. I went to see him one day about something and he said (characteristically) out of the blue "Tom, you've been nagging me about

forming a committee (he hated committees) and I've decided that you and I will be the members – but don't turn up too often!!! Now let's get down to business." Phew!

Jackie made an enormous impact improving health and safety standards in the international, offshore commercial diving industry – he almost literally dragged them upwards by the application of common sense, quick decisions and force of personality. I've recently reread parts of his book 'Requiem for a Diver', which he wrote following his retirement in 1985. If you can borrow a copy, it's an excellent read. Many now involved in the commercial diving industry won't appreciate what it was really like in the 1970s and early 80s. Between 1974 and 1985, he was the right man in the job and his influence was far reaching. All involved in the industry, then and now, internationally as well as in the UK, owe him an enormous debt.

Jackie's many awards included an MBE (Military), OBE (Civil) and DSC (Military) – each one well and truly earned. Jackie was a true professional with his work but when the pressure was off, he loved a party, lunchtime or evening, when he literally was the life and soul of such events.

He settled gently into his final retirement, which was only marred by the death about four years ago, of his dear wife Peggy, whom he had nursed through a long illness. Jackie died after a short illness, on 23 October 2002, aged 82. A man of action, he packed more into his many years than most and



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Diving Division Management Committee

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

Fred Pope, Divex
 Bill Macdonald, Global Industries Asia Pacific
 Anthony Barnes, J Ray
 McDermott Diving Division
 Ian Mackenzie, National Hyperbaric Centre
 Bjørn Kahrs, Norwegian State Diving School
 Bjarne Sandvik, Subsea 7 Norway
 Derek Beddows, Technip-Coflexip
 John Fortner, Torch

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

Middle East & India Section:
 Steve MacMillan, J Ray
 McDermott Diving Division

Diving Information Notes

published since Issue 25

- D 20/02 Management committee
- D 01/03 2002 information notes
- D 02/03 Operational communications

Americas Deepwater Section Sub-Group

Following the successful inaugural meeting of the Americas Deepwater Section, the Offshore Survey Division sub-group, chaired by Ian Edmonstone of Subsea 7 met for the first time in late November. The well attended sub-group meeting agreed that the focus of their work would be on construction support. They recognised that although IMCA guidelines have been written for world-wide use, it is appropriate for them to review all relevant existing IMCA documentation for applicability to their own geographical area.

Offshore Survey Division Management Committee

Chairman: Alf Parker, Subsea 7

Andrew McNeill, Fugro-UDI
 Dave Roberts, Fugro-UDI
 Ray Morgan, Stolt Offshore
 Oddvar Misund, Stolt Offshore AS
 Walter Steedman, Subsea 7
 Will Primavesi, Thales GeoSolutions
Americas Deepwater Section:
 Ian Edmonstone, Subsea 7

Offshore Survey Information Notes

published since Issue 25

- S 01/03 2002 information notes

Digital Video Issues

In the last few years, advances in high volume archive media and video compression techniques have allowed the development of systems that can encode standard video data into digital form and can record and store continuous video feeds from several cameras simultaneously. The imminent arrival of underwater digital video camera technology will only accelerate the move to replace VHS video storage with digital techniques.

At the recent Offshore Survey Management Committee meeting, it was agreed that the committee should set up a working group to review the technical issues that surround digital video technology. It seems likely that it will not be possible to lay down strict guidelines on the acquisition of video data, however a set of guidelines outlining the options available and perhaps setting rendition standards for such data could be prepared.

The Hydrographic Society in Scotland is holding a technical seminar on 16 January in Aberdeen on 'Digital Video for Offshore Survey and Inspection: Current Status – Future Prospects' which will review the current state of digital video and aim to catalyse further discussions about the future practical application of the technology. Will Primevasi of the Offshore Survey Committee will set out IMCA's proposals to this event. Look for a full report in the next newsletter.

his funeral at Porchester Crematorium was packed with family and close friends. Fortunately it was a fine warm day, which gave the opportunity to chat to old friends about him, his exploits and his achievements.

Jackie was a good friend to many, and with him, once a friend, always a friend – it was an honour to have known and worked so closely with such a unique gentleman.

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DP Incidents 2001

The 2001 station keeping incident report has now been prepared and should be available to members shortly, providing DP incident data for the 22nd consecutive year. The 2001 report includes 97 incidents with fault trees, including 21 position loss 1 (incidents of a serious nature), 34 position loss 2 (incidents of a less serious nature) and 42 lost-time incidents. Computers were found to be the main cause of incidents, both in the loss of position 1 category and overall, and one of the major causes of incidents for position loss 2. Although no simple explanation is available generally vessels have more computers with integrated control systems and over the last 12 years computers have increasingly been a common cause of DP incidents.

Work will commence soon on the preparation of the 2002 DP incident report. Members are reminded to complete any outstanding 2002 DP incident reports and send them to Jane Bugler for inclusion in next year's report if they have not already done so.



Shaping the Future...from page 1

the past has helped and would continue to help shape the future. While praising IMCA as being the most successful and active trade association in the oil and gas industry, Didrik also set out what he considered the challenges facing IMCA - a key international global organisation making an impact on the industry. It should continue to maintain its credibility and provide guidelines that can be commonly applied; be a spokesperson for the industry; work with operators and regulatory bodies; develop competence and training standards; ensure lateral learning and set and promote vision for the sector.

Dave Turner spoke on the choices involved when considering the use of divers or ROVs. He outlined the history in both fields and showed that since the mid 1980s there had been increasing possibility of choice between the two, the emergence of deep water operations favouring ROVs. Describing the safety, technical, time scale and cost factors, he emphasised that consideration of safety meant that

the future was bound to be focused on the use of ROVs, but there was still an important place for divers in shallower water and for rapid, unplanned intervention. There remained challenges in engineering, design, costs, the changing market, the problems of reliability and performance and how they impacted on safety.

These themes were then extended and evolved with parallel sessions specific to each IMCA technical area. The marine sessions covered DP projects, incidents and simulators; risk assessment; FMEAs; pipelay and communications. The diving sessions covered the FMEA for diving systems; the age profiles; and some specific diving topics such as diving in contaminated water and underwater gas explosions. A total of seven workshops were then held to build on and extend the range of debate presented earlier each day.

A number of action items emerged from the event and these are summarised below. Information on these and a full report of the seminar are being provided on CD to delegates and to Marine/Diving

Marine Division Management Committee

Chairman: Hugo Bekker,
Allseas Group

Vice-Chairman: Pete Somner,
Subsea 7

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

Americas Deepwater Section:
Philip Keaton, Diamond Offshore
Drilling

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

Division members.

The main challenge identified for IMCA is for it to continue to remain credible and to grow internationally, communicating with members as well as oil companies and governments. IMCA should use its website and other media to carry this message. It should update and improve IMCA guidelines, especially on DP FMEAs and audits and provide a marine contractor's point of contact for offshore renewable energy projects and de-commissioning. In parallel with these issues the Association must address the problem of an ageing workforce in the marine services industry, continue the dialogue on e-commerce and provide better knowledge of upcoming projects.

The exhibition held alongside the seminar featured the latest technologies and services from a number of leading IMCA members, including: Alstom, C-Mar Services, Divex, Fugro Seastar, Kongsberg Simrad, Nautronix, Sonardyne and Thales GeoSolutions.

The next annual seminar is planned to be a joint event between the Marine Division and the Safety, Environmental and Legislation Core Committee, scheduled for some time in November 2003 in the USA, so expect a call for papers soon!

Marine Information Notes

published since Issue 25

- M 42/02 IMO Standard Communication Phrases, 2002 edition
- M 43/02 Wheelhouse after-control positions
- M 44/02 Ships' atmospheric emissions
- M 45/02 IMO maritime security measures
- M 46/02 Nautical Institute accreditation and validation of DP training providers
- M 01/03 2002 information notes
- M 02/03 Operational communications
- M 03/03 Fires in machinery spaces on DP vessels
- M 04/03 Application of MARPOL Annex I to FPSOs and FSUs

2003 Programme

The Marine Division Management Committee has agreed that a high priority action for the 2003 work programme is to carry out a review of methods for demonstrating redundancy in DP systems – focusing on the FMEA (failure mode and effects analyses) and the annual trials. This work is being carried in the light of two recent DP incidents, involving single failure modes that vessel FMEAs had not identified.

More information on this proposed study is available from Jane Bugler.

New members

IMCA welcomes:

- *BHP Billiton*
- *BP Exploration & Production Inc. - Gulf of Mexico*
- *Divers Institute of Technology*
- *Holland Offshore Consulting Den Helder BV*
- *Magellan Marine Inc.*
- *Sribima Maritime Training Centre Sdn Bhd*
- *Technip Offshore Contractors Inc.*

Name changes

Please note:

- *ADPPOC is now IRSHAD*
- *Rumic is now James Fisher Rumic*
- *Sable Offshore Energy Inc. is now ExxonMobil Canada*






2002 – A Summary

Highlights from what proved to be another busy year for IMCA include:

- Visible events like the Manchester safety seminar and Aberdeen annual Marine seminar, combined again with Diving;
- Structural changes such as the new Americas Deepwater Section;
- Continuous supply of documents: 138 information notes, 11 safety flashes incorporating 31 incidents, 11 new and updated guidance notes/publications and 4 newsletters;
- 32 committee meetings spread between Council, OMC, the core committees and the technical division management committees plus 9 IMCA section meetings;
- Electronic updates including an improved public website and the new members-only site;
- The new IMCA logo;
- 25 new members.

At any time members are encouraged to feed ideas through to the committees and secretariat for studies that will lead to improvements for our members. The committees cannot read your minds and welcome suggestions from the real world.

FORT WILLIAM - THE UNDERWATER CENTRE - TASMANIA

TRAINING	PRODUCTS	HIRE
 <p style="text-align: center; color: #0056b3;">H.S.E. Diving I.M.C.A. A.L.S.T. I.M.C.A Diver Medic N.V.Q. Wet Welding ROV Support Air & Closed Bell IMCA Supervisors</p>	<p style="text-align: center; color: #0056b3;">Inspection Cameras RoxAnn (Seabed Material Mapping) Pipeline Crawlers Pipeline Pig Dataloggers</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p style="text-align: center; color: #0056b3;">STENMAR</p>	 <p style="text-align: center; color: #0056b3;">ROVs RoxAnn Wet Welders ROV Crew Divers Cameras Equipment Trials</p>
<p style="color: #0056b3;">COURSES DELIVERED WORLD WIDE</p> <p style="font-size: small; color: #0056b3;">Tasmania – Tel: +61 03 83 4844 Fax: +61 03 83 4850 Aberdeen – Tel: +44 1224 827288 Fax: +44 1224 827289 Fort William – Tel: +44 1397 703786 Fax: +44 1397 704969 Members of the Stenmar Group – email: tuc@kirion.com – http://www.stenmar.com</p>		

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 do not automatically reflect policies or positions of IMCA itself.

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Petrolis

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