

INTERNATIONAL INSTITUTE OF MARINE SURVEYING

NEWS BULLETIN

JUNE SPECIAL:

**IIMS Seminar:
Online Report
Writing course**

18 June 2018

8:00 am - 11:00 am
(London time)

Dear Member

Welcome to this News Bulletin from the International Institute of Marine Surveying (IIMS). This bulletin is available in PDF format from the IIMS website. It aims to keep members and non-members up to date with information on a monthly basis. Members are encouraged to share and forward this newsletter to colleagues, who they think might like to join the Institute, or who may be interested in its content. For more information about the Institute visit: www.iims.org.uk.



J U N E
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CEO Chat

A busy month completed and another one looms. Yes, June sees the IIMS 2018 Annual General Meeting being held by Heathrow Airport, London on 26 June. For the first time, we are streaming the AGM, which is free to attend, live. I urge you to read my CEO AGM Report ahead of the meeting as it gives details on some of the important activities you are being asked to vote on and to register your vote subsequently if you are a Full Member or higher. There are some important matters that I hope will be of sufficient concern to engage you in this process. Full details of how to do that and how to get involved with the AGM are included in this news bulletin. Remember, it is your Institute and you can help to shape its future.

I alluded to May being a busy month and it was. As you know, I relish the chance to meet members. Both the recent tonnage measurement and Certifying Authority training days gave me ample opportunity to greet a number of members. Hard on the heels of these two events was the third eCMID AVI seminar, which we presented and held close to London. It was a great success and once again highlights the Institute's ability to get involved in some key, associated industry sectors through its subsidiary, the Marine Surveying Academy, which is continuing to grow in stature and importance. My thanks to all those who tutored or spoke so eloquently at these various events.

CEO Chat *(continued)*

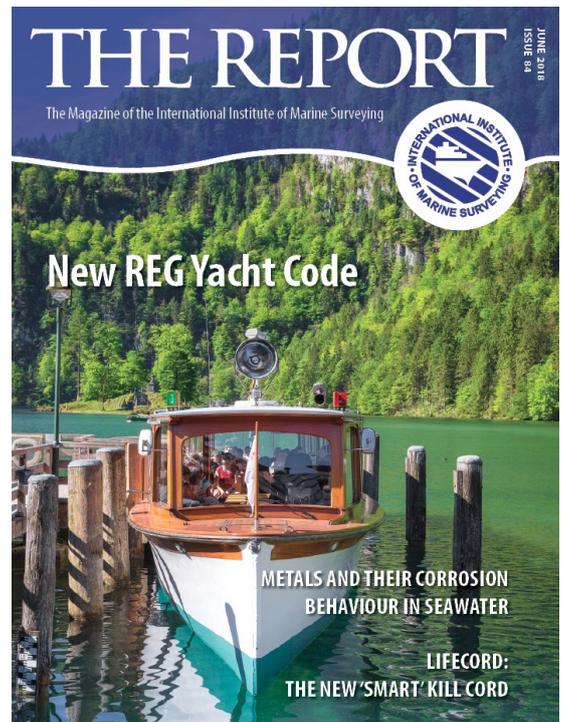
On several occasions I have said how much I enjoy gathering the content for the quarterly Report Magazine. The June issue, just published, is no exception. I recommend this edition to you and send my thanks to those who have written detailed articles and features especially for you that you will not see published elsewhere. The new REG Yacht Code, for example, is a good article; as is the one on corrosion, a subject we keep returning to because of its importance to surveyors. And how heart-warming to see someone taking the humble, yet vital kill cord and creating a 'smart' version. Truly inspirational. These features and many more can be found in the June Report Magazine. I encourage you to read it.

And finally it would be remiss of me not to mention the demise of the London Boat Show. If you missed the news, the 2019 edition of the show has been cancelled. Many of us will have noticed the event dwindling in content and importance, but nevertheless it is a shame to see this once great event meet its end.

Survey well!



Mike Schwarz
Chief Executive Officer



Annual General Meeting

International Institute of Marine Surveying

Notice of Annual General Meeting

Venue: Hilton Garden Inn, Eastern Perimeter Road, Longford, Hounslow, Middlesex TW6 2SQ (by Heathrow Airport)

Date: Tuesday 26 June 2018

Time: 13.00 to 15.00



Important notes about the 2018 IIMS Annual General Meeting

Everything you need to know about the 2018 AGM will be stored on the password protected page on the IIMS website at <https://bit.ly/2segbPm>. The password is Survey.

The CEO's report and reports from Chairmen and Regional Directors will be published there over the coming weeks and are available to download from this page before the meeting.

Attendance at the AGM is free either in person or as an online delegate. This year's AGM will be streamed live by Zoom for the first time. So, no matter where in the world you are, you can join the AGM online. However, if you plan to join as an online delegate, you must register your place via the website at <https://bit.ly/2segbPm> and online joining instructions will be emailed to you. The deadline for registering is 25 June at 17.00 UK time. If you plan to attend the AGM in person, registration is not required.



Annual General Meeting 2018 Agenda

- 1) Apologies
- 2) Minutes of previous AGM held in September 2017
- 3) President's Report
- 4) Chief Executive Officer's Report
- 5) Director's Reports
- 6) Elections
 - a) Management Board
 - b) Peter Broad FIIMS election as Deputy Vice President
- 7) Voting on
 - a) Proposed fee structure for 2019 membership
 - b) Change to the IIMS disciplinary procedure
 - c) Plan to move in principle from rented accommodation to property purchased outright by mortgage
 - d) Development of a non-mandatory higher membership level accreditation scheme
- 8) Fellowship Awards and Honorary Membership
- 9) Any Other Business
 - a) Presidency hand over from Adam Brancher to Capt Zarir Irani

Voting

As you will see, a number of matters require voting on this year and your vote matters. You are reminded that only Full Members who have paid their membership fees are entitled to vote. Full members who join the AGM online cannot vote on the day and must have completed the Postal or Proxy Voting Form, or given their Proxy Vote to the President or other Full Member who will be present in the room. The deadline for postal and/or proxy voting is 22 June 2018. This form can also be downloaded from the IIMS website address:

<https://bit.ly/2segbPm>

IIMS Singapore Seminar

For operational reasons, IIMS has cancelled its planned seminar in Australia. However, it has been decided to arrange an event in Singapore that will appeal to both IIMS members and eCMID inspectors alike.

The three day event will run from 31 July to 2 August. The first day is a dedicated eCMID AVI accreditation validation course. Day two offers a range of topics of relevance to both sectors and the third day focuses more on general surveying matters.

Full details of the event can be found on the IIMS web site.



IIMS India Seminar

The date for the next biennial IIMS India Branch Conference has been set for 10 October 2018 to be held in Mumbai. More details will be available soon.

June Report Magazine published

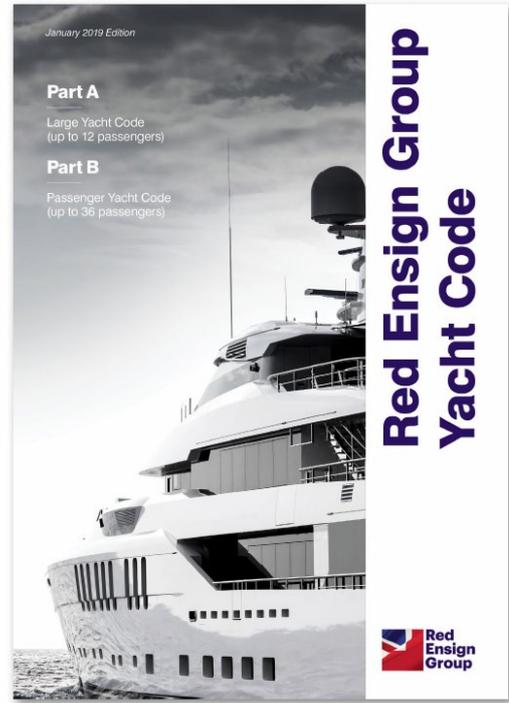
The June Report Magazine has been published and is available to read as a downloadable pdf or in e-reader format from <https://bit.ly/2ztbJkE>.

As always, there is an eclectic mix of articles to appeal to surveyors from all parts of the profession, some of which have been specially commissioned.

The highlights include:

- The new REG Yacht Code is coming soon
- Lifecord is the new 'smart' kill cord
- IMO adopts ambitious climate change strategy for shipping
- Metals and their corrosion behaviour in seawater
- The Polar Code, one year on
- What constitutes a circumstance that may give rise to a claim and when should you report it to insurers
- Ursula Smith is the subject of 'The day in the life of'
- Details of new Honorary Fellowships and Fellowships awarded
- A wealth of members' news
- Plus a column from your President elect, Capt Zarir Irani

The new REG Yacht Code is coming soon...



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METALS AND THEIR CORROSION BEHAVIOUR IN SEAWATER

A brief overview of metals used in seawater and common corrosion issues to avoid

By CAROL POWELL, Eric Clegg, THOMAS MINIGOS† and MARK TUNNICLIFFE MCA, MIA

Stainless Steels
A stainless steel, by definition, is a low alloy with more than 10% chromium. There are many grades of stainless steel, each with a different alloying composition to influence the alloy's structure, mechanical properties and corrosion resistance. These alloys also have different degrees of resistance to pitting corrosion. The alloying elements that confer resistance to pitting corrosion are chromium, molybdenum and nitrogen. Chromium oxide film on the surface. This film is self-healing and provides a barrier to further corrosion. However, in seawater, the chloride ions can penetrate the film and cause pitting corrosion.

Carbon Steel and Cast Iron
The corrosion behaviour of metals is largely influenced by the environment in which they are used. In seawater, the high salinity and oxygen content create a highly corrosive environment. Carbon steel and cast iron are susceptible to general corrosion, pitting corrosion and stress corrosion cracking. The following table provides a summary of the corrosion behaviour of these materials in seawater.

Effect of salinity on the corrosion rate of carbon steel

Salinity (g/l)	Corrosion Rate (mm/yr)
0	0.1
10	0.2
20	0.4
30	0.6
40	0.8
50	1.0
60	1.2
70	1.4
80	1.6
90	1.8
100	2.0

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INSPECTION OF THE PROPELLER SHAFT

BY ALAN BROOMFIELD MIMS

In the course of inspecting a propeller shaft, the inspector will need to inspect the shaft and the propeller. The propeller shaft is a critical component of the propulsion system and its failure can result in the vessel being unable to move. The propeller shaft is subject to a number of stresses, including torsion, bending and vibration. The inspector should look for signs of wear, corrosion and fatigue. The propeller shaft should be inspected at regular intervals and any defects should be repaired immediately.

RECOMMENDATIONS
The inspector should ensure that the propeller shaft is inspected at regular intervals and any defects are repaired immediately. The inspector should also ensure that the propeller shaft is protected from corrosion and that the propeller is inspected at regular intervals.

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IIMS Certifying Authority Spring 2018 training day

A group of 20 delegates, including some online, joined the training day, held this year at PETA near Portsmouth. The day proved to be full on, thought provoking and provided a forum for some intense and excellent debate.

The first presentation was given by Rob Aldous, Managing Director of Fireboy-Xintex. His topic was fire detection and suppression in sub 24 metre vessels. John Excell followed Rob and talked about the importance and associated servicing and maintenance of fire detection and suppression systems. The first afternoon presentation was entitled life raft specification and associated servicing and maintenance presented by Alistair Hackett from 3si Ocean Safety. Part of Alistair's presentation included a practical demonstration, during which two life rafts were inflated in the room for inspection and discussion.

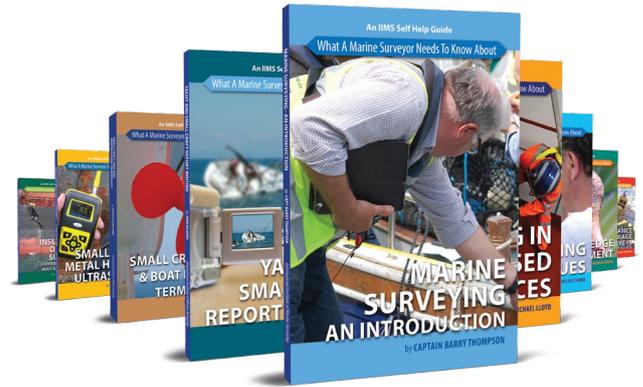
Mike Schwarz closed the day with some updates on recent documents issued by the MCA affecting coding surveyors and offered some practical advice and guidelines for Certifying Authority examiners.

Tonnage Training Report

The first IIMS tonnage training day organised by IIMS to run in the UK for some considerable time in mid May attracted an international delegation of nearly twenty members and non-members. The event, held at Itchenor Sailing Club, could not have been at a better or more suitable venue and the weather duly obliged with a hot, sunny day.

John Excell, Chairman of Large Yacht & Small Craft Surveying delivered tonnage measurement theory in the classroom during the morning. After lunch the group split into two groups. The first one set about measuring a rib, which was set on the hard. The other group headed down on to the pontoon to measure a 28 foot motor vessel in the water. Once complete, the groups swapped vessels and completed the exercise.

Delegates assembled in the classroom at the end of the day and the groups compared their tonnage measurements, which certainly had some discrepancies between them.



IIMS launches handy guides in ownloadable eBook pdf format

The series of handy guides, launched a couple of years ago in paperback format under the collection heading of 'What a marine surveyor needs to know about', stands at seventeen publications currently.

IIMS has now taken the bold move to release the entire series of handy guides additionally as eBooks in downloadable pdf format, available exclusively via the IIMS website. So now the publications are available in paperback and eBook formats.

Delivering the handy guides in this new, downloadable format means that IIMS can offer them at a lower cost, typically discounted by up to 25%, as there are no printing and carriage charges to apply.

Click to view the range of handy guides in downloadable pdf format at <https://bit.ly/2Fw7cwG>.



IIMS Membership Travel Service scheme

Norad Travel Group is running the Membership Travel Service scheme for IIMS members. The scheme offers a range of exclusive benefits for IIMS members only.

The Norad team of Marine Specialists are based in their Liss (UK) European Headquarters. They operate alongside their Global partners in Greece, The Philippines, India, UK, Ukraine, South Africa and Australia. Norad Travel Management holds marine fare contracts with all major airlines.

Why not make contact for a quotation for your travel requirements? Norad's UK office can take your telephone calls on +44 (0) 1730 894700 from 08.30-18.00 (GMT) Monday to Friday, or any time by email on: marine@noradtravel.biz or see the web site: <https://bit.ly/2H8albH>.



eCMID AVI Spring 2018 Seminar

The third eCMID Accredited Vessel Inspector seminar took place at Heathrow Airport, London on Tuesday 22nd May. The event, organised by IIMS subsidiary, Marine Surveying Academy, attracted an audience of around 50 delegates with almost as many online as were physically in the room. The seminar was hailed a great success by all who attended it judging by the feedback received afterwards.

Mike Schwarz hosted the day. He also gave a comprehensive update of the eCMID AVI Scheme. Lead tutor for the programme, Ian Coates, Managing Director, Specialist Marine Consultants Ltd, was next to speak. He talked openly about the key learnings from the eCMID AVI accreditation courses he had personally run and gave a frank overview of the current state of the marketplace.

A strong delegation from IMCA, owners and developers of the eCMID document, was present. Mark Ford, IMCA Technical Manager, gave an update on the eCMID eDatabase and other new announcements hot off the press regarding the scheme. He also took a number of questions from delegates, supported by his fellow IMCA colleagues Adam Hugo and Jordan Lawler. Another IMCA representative and technical advisor, Andy Goldsmith, spoke about the important subject of the reactivation of DP vessels. From feedback, it is clear that this is a key topic and more time will be given over to this going forward.

The afternoon session was opened by Peter Solvang, Managing Director, DP & Marine Assurance Norway AS, who tackled the complex subject of inspecting a DP vessel and the eCMID DP supplement. Mike Proudlove, Operations Manager, Offshore Turbine Services, took to the stage and spoke knowledgeably about the challenges of inspecting windfarm vessels from an operator's perspective.

The final presentation was given by Ian Coates. He spoke passionately about inspections for the windfarm industry and the MISW supplement, highlighting some of the new geographic regions that will provide opportunities in the future.

Small Craft Surveyors Forum to meet at Seawork in July

On Wednesday 4th July, the Small Craft Surveyors Forum will present their highly popular, annual seminar at the Seawork show in Southampton from 13.30 in Conference Room 2. This is a free to attend event and anyone is welcome to sit in and listen, but please register your place - see below.

The programme for the afternoon is as follows:

- 13.30 Introduction by Trevor Blakeley (CEO RINA)
- 13.40 Challenges for 24m and mini ISM Code vessel surveyors by Richard Franklin, Braemar Yacht Services
- 14.30 Tonnage Measurement. Calculating Load Line Length, breaks and depth by Paul Johnston, Euro Marine Surveys
- 15.15 Tea/coffee break
- 15.30 The importance of maintaining and extending your knowledge and skills as a marine surveyor

A panel chaired by Mike Schwarz (IIMS CEO), comprising Nick Gladwell (SCMS - workboats); Hugo Morgan-Harris (YDSA/IIMS - sailing yachts) and Richard Linford (YDSA - mentoring) – will look at and discuss some of the issues the associations experience, and will invite delegates to put forward views from their perspective. Questions submitted beforehand will be welcome.

- 16.15 Conclusion and Close

The seminar is free to attend but please reserve your place at <https://bit.ly/2IR9rB2> so we have numbers for H&S, chairs and catering.

SCSF Member Organisations include RINA, IMarEST, IIMS, SCMS, NI and YDSA



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 Web version, the login panel can be found at: <http://cpd.iims.org.uk/CPDWeb/Private/Login.aspx>

Contact the IIMS Head Office team

As always, the IIMS head office team are here to help you on any matters relating to your membership or education needs. Please contact the appropriate person as follows:



membership@iims.org.uk:	for all membership enquiries	(Camella Robertson)
ca@iims.org.uk:	contact for all Certifying Authority work	(Tania Bernice)
education@iims.org.uk:	for education course content and training information	(Cathryn Ward)
accountsupport@iims.org.uk:	for accounting matters	(Elly Bryant)
accounts@iims.org.uk:	for accounting matters	(Kate Davey)
info@iims.org.uk:	for general information and enquiries	(David Parsons)
tonnage@iims.org.uk:	specifically for tonnage paperwork and enquiries	(Tania Bernice)
msa@iims.org.uk:	for enquiries about Marine Surveying Academy affairs	(Hilary Excell)
info@marinesurveyingacademy.com:	information about the Marine Surveying Academy	(Pui Si Chung)
courses@marinesurveyingacademy.com:	information about the Marine Surveying Academy events	(Sharon Holland)
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