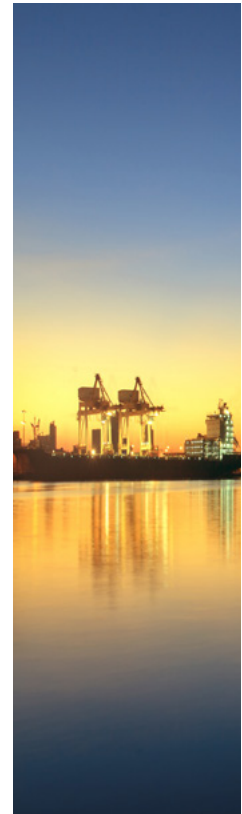




International Institute of Marine Surveying
Dedicated to Excellence in Marine Surveying

News Bulletin

NOVEMBER 2020



Dear Member

Welcome to this News Bulletin from the International Institute of Marine Surveying (IIMS). This bulletin is available in PDF and eReader 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.



FOR LARGE YACHT AND
SMALL CRAFT SURVEYORS

Monday 30 November 2020
<https://bit.ly/30a6anf>

FOR CARGO AND
COMMERCIAL SHIP
SURVEYORS

Wednesday
2 December 2020
<https://bit.ly/3ctJVgO>

CEO Chat

Dear Colleague

I hope this News Bulletin finds you safe and well.

Here in the UK we are being warned that we must prepare for a digital Christmas due to the pandemic, which continues to surge around the world. This is a strange concept! For those of us who celebrate this religious day and festive period, this is clearly something of a challenge. A Zoom Christmas seems far less appealing and hugging our loved ones virtually is just not the same!

Whilst on the subject of Zoom, I want to remind you about the two forthcoming, 12 hour marathon Marine Surveying International Fest III days being organised and broadcast for your benefit by IIMS. All are welcome to join and we encourage non IIMS member participation too. Monday 30 November is the day for Large Yacht & Small Craft Surveyors - see <https://bit.ly/30a6anf>, whilst Cargo & Commercial Ship Surveyors should join two days later on 2 December - see <https://bit.ly/3ctJVgO>.

Both days start at 06.00 (London UK time) with one new presentation being delivered on the hour every hour for twelve hours. One low payment secures

CEO Chat *(continued)*

access to the whole day's content plus copies of all videos produced, or you can select the video only option if that date, or the time zones, do not work for you. I am delighted to have secured some first-class speakers, many of whom have been commissioned to prepare something specially for Fest III - fresh content - much of it never seen before. Both schedules are outlined elsewhere in this News Bulletin or click the links on the previous page.

Staying with the online theme for a moment, the IIMS Certifying Authority recently underwent its annual Maritime & Coastguard Agency (MCA) audit also using the Zoom platform. This is the first time MCA has performed an audit remotely and both parties agreed the format worked well. The result was a clean bill of health with just a few minor findings to address. How the world has changed in recent months and the unthinkable is now possible!

I thought it might be of interest to bring members up to date with the latest developments following the acquisition of Murrills House as the Institute's new permanent headquarters earlier this year. Some of the essential work that did not require planning permission has been completed. This included treating infestation in the roof space, adding new insulation in the loft and replacing some damaged roof slates. The work to replace most of the rotten windows and repair the front door requires formal planning approval and the application has been made in the past few days. Additionally, there was a very large, old cluster of five trees to the front of the building. These have been tackled in a fairly delicate operation by a tree surgeon with the result that four sycamores have gone, and the remaining French oak has been trimmed back to a manageable height. It is a big improvement!

Survey well
and stay safe.



Mike Schwarz
Chief Executive Officer

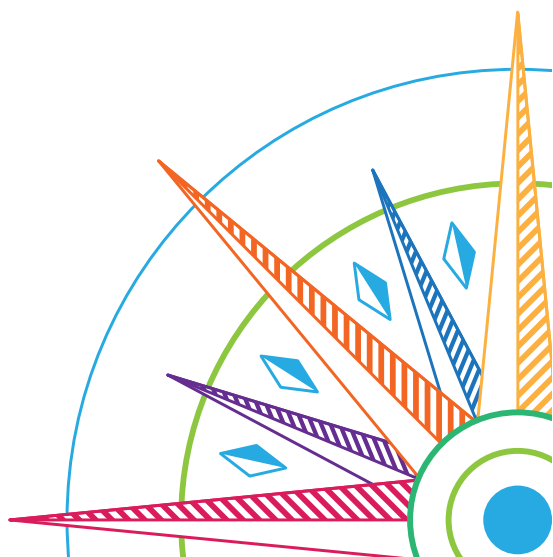


Marine Surveying International Fest III coming to a screen near you soon!

If you are not familiar with the Fest format, now in its third year, it is an annual online only event hosted live by IIMS from Portchester, UK and broadcasting through Zoom starts at 06.00 (London UK time). If you cannot or choose not to join live, there is an option to purchase the entire day's content in video format to watch at your leisure. The event is open to IIMS members but also to non-members too – all are welcome to join.

Each hour on the hour for 12 hours, one new presentation is delivered by an expert in one area or another of marine surveying. One modest fee of just £100 gives you access to the entire day's schedule of presentations. You can join, leave and rejoin throughout the day as you wish to suit your schedule. Additionally, you can select the purchase video only option for the same price and after the event we will send them to you electronically so you can watch them on catch up at your convenience.

This year's presentations include many that are being prepared from scratch for your benefit. A good number of them are original and produced especially and only for Fest III.



Marine Surveying International FEST III

Marine Surveying International Fest III for large yacht and small craft surveyors

Broadcasting on 30 November
from 06.00 (London, UK time).

For more details and to
reserve your place go to
<https://bit.ly/30a6anf>

Marine Surveying International Fest III for cargo and commercial ship surveyors

Broadcasting on 2 December
from 06.00 (London, UK time).

For more details and to
reserve your place go to
<https://bit.ly/3ctJVgO>



Marine Surveying International Fest III for large yacht and small craft surveyors

Here is the draft schedule, (subject as always to amends and alterations)

- 06.00 Surveyor and digital camera expert Milind Tambe explains how to cope with photography in those dark and hard to get to places on a boat
- 07.00 Speaker to be confirmed
- 08.00 Luca Olivari – (Environmentally friendly composites – final topic to be confirmed)
- 09.00 Surveyor ethics – Role play by Mike Schwarz and Paul Homer
- 10.00 Surveyors and LPG on boats by James Hale
- 11.00 An introduction to MCA code surveying by Fraser Noble
- 12.00 Over 100 years' combined surveying experience. An interview with Jeffrey Casciani-Wood and Ian Nicolson
- 13.00 Karen Brain (topic to be confirmed)
- 14.00 Stainless steels in marine applications with emphasis on susceptibility to corrosion by Mike Lewus (British Stainless Steel Association)
- 15.00 Tips when surveying new build superyachts by Capt Mark Souter
- 16.00 The danger of mold in the marine environment by Michael Pinto
- 17.00 Things you see on survey and cannot make up by Geoff Waddington, IIMS President

<https://bit.ly/30a6anf>



Marine Surveying International Fest III for cargo and commercial ship surveyors

Here is the draft schedule with a couple of speakers still to confirm and subject as always to amends and alterations.

- 06.00 Remote survey practical considerations- tips and techniques from the far end of the world by Adam Brancher
- 07.00 Liquefaction update by Capt Akshat Akora
- 08.00 Capt Zarir Irani (topic to be confirmed)
- 09.00 Ultrasound as part of your Predictive Maintenance Program by Chris Hallum
- 10.00 Enclosed spaces: Why we are dying there by Capt Michael Lloyd
- 11.00 The use of drones in marine surveying by Stuart Blair Coptrz
- 12.00 Remote surveying – the elephant in the room by Mike Schwarz
- 13.00 Midseclared cargo by John Dolan, Deputy Director of Loss Prevention, Standard Club
- 14.00 Wakashio disaster: How the crisis communications could have been better handled by Dustin Eno, COO, Navigate Response
- 15.00 Understanding the CTU Code by Bill Brassington
- 16.00 Relationship between the P&I Club and the Marine Surveyor by Petar Modev, Head of Ship Inspections, Thomas Miller P&I Club
- 17.00 Speaker to be confirmed

<https://bit.ly/3ctJVgO>

It is short notice, but the next IIMS Report Writing seminar takes place this week on 3 November



Yes, it is short notice, but there is just time to reserve your place on the next IIMS online Report Writing seminar being broadcast live later this week.

Before you reserve your place, please note this online seminar will be broadcast using the zoom video conferencing platform and will last for 3 hours on Tuesday 3 November from 12.00 (noon) UK London time. The seminar is open to IIMS members, students and non-members.

Your hosts and presenters for this seminar are Paul Homer, IIMS Chairman of Standards and Mike Schwarz, IIMS Chief Executive Officer.

IIMS receives too many surveyor complaints each year, generally caused by poor writing standards and skills, some of which are serious in nature. A report is the surveyor's intellectual property and he/she lives or dies by it. This course, featuring a lot of new content and bringing the art of report writing bang up to date, aims to provide the essential information that a yacht and small craft surveyor needs to consider when gathering the information and then compiling his/her report. There are suggested clauses for use in the report to protect against possible litigation and advice if something goes wrong. Additionally, there is advice on contracts and terms of business and how, when and where these should be used. There is also, for the first time, a practical session and delegates will be required to do a little preparation before the seminar in readiness and encouraged to contribute their thoughts on the day. So, if you want to tidy up and strengthen your report writing skills this is a good place to start.

Scope of the Seminar

Part I: Preparing for survey, gathering data and compiling your report

Part II: Giving the client what they want and not what the surveyor thinks they want

Part III: Valuation Reports

Part IV: Complaints, examples and practical exercises

Who should attend this seminar?

The report writing seminar is aimed specifically at yacht and small craft surveyors, both those who are less experienced, but also those who feel they would benefit from a refresher.

For more information and to reserve your place go to <https://bit.ly/35AaHRz>.





IIMS set to change its Certifying Authority training strategy

For many years, the IIMS Certifying Authority (CA) has pursued a rigid training policy, requiring an examiner to attend one of the two days real time training that have been arranged annually. This concept now seems somewhat outdated and inflexible. Furthermore, asking an examiner whose specialism is coding motorboats to sit through a presentation on workboats and cranes at a training day is not a great use of anyone's time, unless it has relevance of course!

It has always been a requirement as part of the Institute's contract with the Maritime & Coastguard Agency (MCA) that our coding examiners are continually assessed, which includes attending training. And at MCA audit the CA is asked to provide evidence that this has happened.

The new look CA training strategy aims to be more targeted toward various specific aspects of the Codes. So instead of full days of training covering a variety of topics, the IIMS CA is planning a series of succinct, tailored presentations that last for a much shorter time for a modest fee, all broadcast via Zoom whilst the pandemic continues. It is expected that coding examiners will have attended two training sessions in one full calendar year. A series of training dates for 2021 will be published in the coming weeks, but for now the first one in this new format is scheduled to take place on Tuesday 10 November starting at 10.00 (London, UK time).

10.00 An explanation of the process of Plan Approval for an under 24 metre hull and deck structure by a Class Association presented by Mike Barnett.

Aspects covered include:

- Workshop and manufacturer's procedures approval
- Typical drawings and calculations reviewed
- Likely number of visits to inspect mouldings or fabrications
- Extent of scantling checking and inspection of quality records
- Format of Certificates including limitations (speed, displacement and wave height)
- Vessel / Hull Markings and / or Plating
- Validity (or invalidity of certificate) if the structure is altered

11.30 Update on the Codes by Fraser Noble, IIMS Certifying Authority Chairman

12.15 Close

The cost for this training session is £45.

IIMS CA training has always been open to examiners from other organisations and this policy will not change. Equally, if an IIMS examiner attends training provided by another UK CA, that should be recorded with the Institute.

To reserve your place online go to <https://bit.ly/2G4105o>.



In case you missed it last month, IIMS released two free guides available to download in pdf format

Last month IIMS has published a new free 36-page informative guide called '*The use of moisture meters on small craft*'. Additionally, the Institute has republished another free 16-page guide entitled '*Biological Attack on Iron & Steel*'.

Both guides, authored by Jeffrey Casciani-Wood HonFIIMS, are available in pdf format from the IIMS website by clicking the links below.

The use of moisture meters on small craft

The first thing to know about moisture meters is that they do not actually measure moisture. What they do measure is conductivity. The origins of the moisture meter lie in the building and construction industries and the original scale was based on the water content of brick and stonework. The scale has largely remained unchanged. There are a number of these machines available in the market and they were first introduced into the marine industry for checking how an frp hull had dried over time prior to rebuilding for osmosis treatment and for that they remain a useful tool. They are also used to check for moisture below a surface that looks dry.

Electrical moisture meters have an enormous advantage for the general survey as they are clean and non-destructive, but they do have limitations and they do NOT quantitatively measure moisture on/in hull substrates. The majority record electrical resistance between two applied electrodes or capacitance and, more recently, some measure the reflection of radio frequency emissions from the meter.

Download ***The use of moisture meters on small craft*** in pdf format at <https://bit.ly/3mHy2bM>.

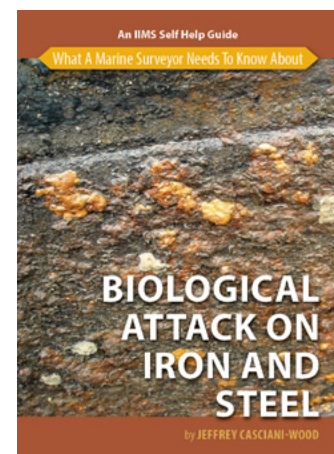
Biological Attack on Iron & Steel

Boat owners and marine surveyors will be familiar with common iron rust whatever form it takes. The literature on the subject of electrochemical or galvanic corrosion is enormous. However, although the phenomenon is well known to the mining and oil industries where it causes millions of dollars' worth of damage annually, biological attack is not so widely understood in the marine world.

Macrobiological attack is the phenomenon of mussels, barnacles, slimes, grasses and seaweeds attaching to a vessel hull. These items do not usually cause serious harm to the metal but they can and do slow the boat down and increase the fuel consumption. However, there is a different kind of corrosion which is also found on boat hulls, particularly those lying in water such as canals or rivers containing decaying vegetable matter. Few people are aware of the problem or realise it is caused by microbiological attack, or metal worm.

Metal worm is a highly unpredictable process but the marine surveyor should realise that, under the influence of microorganisms, corrosion processes can happen in a matter of months compared to the years it would take for ordinary abiotic corrosion to reach serious proportions.

Download ***Biological Attack on Iron & Steel*** in pdf format at <https://bit.ly/2HIFNEf>.



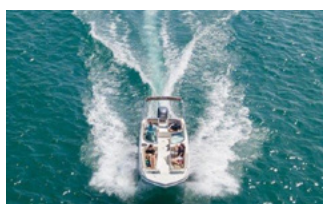
STOP PRESS: Watch out for edition 94 of the Report Magazine available from 1 December

Once again, IIMS is planning to publish a 100 plus page Report magazine for members and others in the wider maritime world. The forthcoming edition boasts plenty of fresh and relevant content. Here is a sneak preview of what to expect:

- With a spate of incidents and accidents what price human life at sea?
- Review of 2020 - The year that changed everything
- How COVID-19 has affected the role of the marine surveyor
- Hull coatings: A slippery subject
- End of use boats by Peter Franklin
- Alternatives to at sea disposal for end-of-life reinforced plastic vessels
- New flax and basalt fibre composites by Simonetta Pegorari
- Why we need to urgently rethink European inland waterways transportation
- Liability limitations - Who is operator who is manager
- Wakashio: How the crisis communications could have been better handled
- IMO in hot water following Mauritius oil spill and botched Wakashio salvage operation
- Making a hash of lashing
- What is AIS and how does it work?
- Cargo liquefaction guidelines
- Shipping, superyacht and boating facts, statistics and trends. How well do you know your industry?
- A day in the life of Uday Moorthi



To read back issues of the Report Magazine go to <https://bit.ly/2WQTosu>.



ICOMIA Small Craft Standards Bulletin

Edition: 2020-2

Small Craft Standards Bulletin published by ICOMIA

The International Council of Marine Industry Associations (ICOMIA) has released its latest Small Craft Standards Bulletin last month. The bulletin provides industry stakeholders with early notification on changes to existing standards or new work items that are developed and maintained by the ISO Technical Committee for Small Craft Standards (TC 188).

This edition includes an additional appendix at the end which covers various platforms available to use to access the ISO TC 188 Small Craft Standards.

The ICOMIA Small Craft Standards Bulletin is issued bi-annually and is available to download from <https://bit.ly/31lzTVb>

James Hale appointed to BSI committee as IIMS representative



Following the retirement of Past President, Peter Morgan, who was the IIMS representative on the SME/32 'Ships and Marine Technology' BSI (British Standards Institute) committee, James Hale has been appointed as his replacement to represent the Institute.

This is BSI's mission:

'Our purpose is to inspire trust for a more resilient world. Our solutions and services improve performance and support the United Nations Sustainable Development Goals. At BSI, our mission is to share knowledge, innovation and best practice to help people and organizations make excellence a habit. This is underpinned by our role as the national standards body and through our prestigious Royal Charter'.

This is the situation the BSI committee wants to avoid:

'What bloody idiot wrote that? There is no way I can survey that as intended'.

And this is the desired outcome that BSI seeks:

'This is a meaningful standard that helps manufacturers meet the regulations and is easy to survey and certificate during build and operation so that the owner can be confident in its performance'.



IMSBC Code amendments come into force from 1 January 2021

As Amendment 05-19 of the International Maritime Solid Bulk Cargoes (IMSBC) Code comes into force on 1 January 2021, here are some of the changes outlined in more detail. The IMSBC Code amendments happen every two years to reflect the changes in the nature and variety of solid bulk cargoes presented for shipment. In June 2019, IMO's Maritime Safety Committee adopted Resolution MSC.462 (101) specifying forthcoming IMSBC Code amendments (05-19).

Bauxite cargoes are subject to change with and the new criteria distinguishing a bauxite cargo that may liquefy (Group A) from one that will not (Group C).

The work of the Global Bauxite Working Group culminated in the revision of the Group C bauxite schedule and a new Group A bauxite fines schedule, together with a new testing procedure developed just for bauxite cargoes.

Read the article in full and download the consolidated version of the amendment at <https://bit.ly/3mql1RM>.



Your last chance to 'Buy a Brick' as part of the Murrills House renovation fund

Following the acquisition of Murrills House, renovations to this characterful period property are now well underway. The first part of the essential work is complete. IIMS is now waiting for confirmation from the local authority that the design of the new replacement windows meets the regulations so that they can be fitted later this year.

Over the last year, as part of the Institute's 'Buy a Brick' campaign, a number of members have made donations towards the cost of the Murrills House renovations. A small plaque of recognition for each of these members will be placed on the Board Room wall in recognition of their generosity. The Institute is incredibly grateful to those who have been generous in their support.

Donation can be made up until the end of the year by a JustGiving page at <https://bit.ly/2X4Cu9x>.



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The growing series of IIMS self help handy guides



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<https://www.youtube.com/c/MarineSurveyingIIMS>

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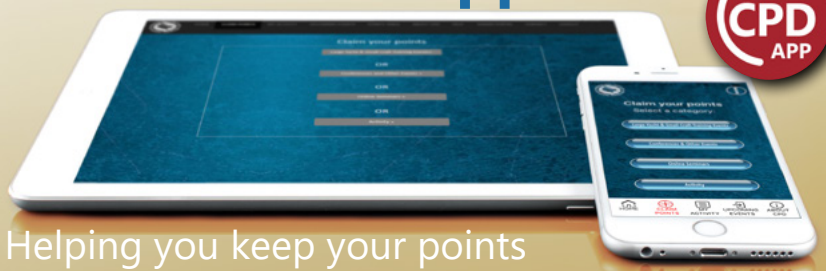


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The IIMS CPD App...



Helping you keep your points intact and up to date!

To see how easy it is to acquire points, you can view the CPD points table here:

<https://www.iims.org.uk/membership/continuing-professional-development/>

For iOS users go to the "App Store".
Android, go to the "Google Play Store".
Search 'IIMS CPD' and install the app.
Login using your IIMS credentials.

Or the "My CPD Program" link on the IIMS membership details page, re-directs the user to the new CPD Program Website.

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

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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)

education@iims.org.uk

for education course content and training information (Lorna Robinson)

tonnage@iims.org.uk

specific email address for tonnage paperwork and enquiries (Dave Parsons)

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 Marine Surveying Academy courses (Sharon Holland)

It is important that we keep our database and records up to date. Perhaps you have a web site address to add? If your contact details - address, email and telephone number - should change, please be sure to inform us immediately by email: **info@iims.org.uk** or call +44 23 9238 5223 (answer phone out of office hours).

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