



International Institute of Marine Surveying
Dedicated to Excellence in Marine Surveying

News Bulletin

DECEMBER 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.



CEO Chat

Dear Colleague

The news from IIMS headquarters in the past month has been distressing and sad to report. Just as we headed into a scheduled four week lockdown period imposed by the UK Government on 3 November, COVID-19 was unwittingly and unintentionally brought into the IIMS offices. Just two days prior, the local council inspector had praised us for our COVID-19 secure working environment following his unannounced visit. But such is the virulent nature of this awful disease, that it is no respecter of any boundaries, or measures put into place seemingly to try and prevent it.

Seven of my colleagues, including myself, plus some of our loved ones and extended families were infected within a matter of hours. It has been a struggle to get fit again and even several weeks on, none of us is quite as we were before picking up the virus and back to full health.

I labour the point only to highlight that this is a miserable, unpleasant and debilitating disease which is best avoided at all costs! Do take care and do all you can to protect yourself from it.



CEO Chat *(continued)*

Turning to happier topics, there is still just time to reserve your place for either of the two ultimate marine surveying training events of the year. I refer to the Marine Surveying International Fest III 2020 taking place on 30 November (Large Yacht & Small Craft Marine Surveyors) - you can book your place online until 21.00 (UK time) on 29 November at <https://bit.ly/30a6anf> - and on 2 December we broadcast Fest III for Cargo and Commercial Ship Marine Surveyors. To reserve your place for this one go to <https://bit.ly/3ctJVgO>.

Pulling together 24 speakers across 2 days has been a challenge and exhausting, but I am delighted at the quality of speakers and breadth of content we have attracted for you, much of it never seen before and produced specially for this event. And remember, you can order the video content from the whole of each day for viewing later at your leisure if you cannot be present live on either day. If you want to view the schedule of all 24 presentations over both days go to <https://bit.ly/2UJP506>.

Editing the Report Magazine is, as I am often heard to say, one of the favourite parts of my job. Over the years the output of the publication has developed as the scope of articles has widened. The December edition, number 94, is published today and can be accessed in both pdf and eReader formats at <https://bit.ly/2WQTosu>. In my opinion, it is the most complete publication IIMS has published to date and, at 116 pages, sets a new record as the biggest one ever too. I hope you will find much to interest you in this edition, especially if you have some downtime over the Christmas period.

So, as we lick our collective wounds, metaphorically speaking, after one of the worst years most of us will have known and as we start to prepare for 2021, let's hope that brighter skies lie ahead for all of us and for the world as a whole. If you celebrate Christmas, may I wish you a peaceful and safe one? But whatever your beliefs, let's join together with positive thoughts for a progressive New Year.

Stay safe and
survey well.



Mike Schwarz
Chief Executive Officer



Edition 94 of the Report Magazine published today

The December 2020 Report Magazine has been released for publication today and, at 116 pages, it is the biggest ever edition from IIMS. As Mike Schwarz says in his editor's letter, "In my opinion this is the most complete publication we have produced."

The main features of this edition include:

- 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: Special Feature
- 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 download the December issue in pdf or eReader format and to read back issues of the Report Magazine go to <https://bit.ly/2WQTosu>.

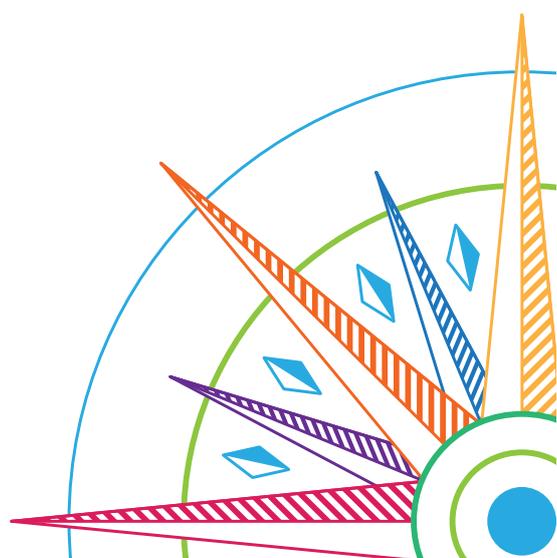


Marine Surveying International Fest III 2020 is next week – don't miss it – act now to reserve your place

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 in the UK, broadcast using Zoom and kicking off at 06.00 (UK London 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.

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 re-join 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. Don't miss this chance to be part of the ultimate marine surveying training events of 2020!



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>

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

And here's what we have on offer for you:

- 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 Installation and safety of diesel heaters on boats by Owen Cox, Planar Heaters
- 08.00 Lightness and strength to beat speed with an electric powered boat. The slamming composites concepts by Luca Olivari
- 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 Things that go wrong in reports by Karen Brain
- 14.00 Stainless steels in marine applications with emphasis on susceptibility to corrosion by Mike Lewus (British Stainless Steel Association)
- 15.00 Tips and basic principles when surveying new build superyachts 30-60 metres 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 schedule:

- 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 Identifying "Facts without Fiction" in a survey report or a nomination/ appointment by Capt Zarir Irani
- 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 Steve Blair, Coptrz
- 12.00 Cyber security onboard ships by Capt Ruchin Dayal
- 13.00 Container Ships – Mideclared cargoes – risky business 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 Dynamic Positioning: What is it and what can go wrong by Maurice Pickles

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



RCD and CE marking post Brexit online seminar on 20 January 2021

There has been considerable confusion, conjecture and some concern in the run up to Brexit and the implications for the Recreational Craft Directive (RCD) and CE marking following the UK's formal departure from the European Union at midnight on 31st December 2020.

IIMS is delighted to present 'Recreational Craft Directive (RCD) and CE marking - what we know post Brexit so far - essential advice for surveyors', which will be delivered by Ross Wombwell, Head of Technical Services at British Marine, who will answer your questions too. Join us on 20 January 2021 from 10.30.

Ross is perfectly placed to give an opinion and an update given he has had his around this issue and its implications for many months. He will also take questions, which can either be sent in beforehand, or asked on the day itself.

Ross joined British Marine as a Technical Executive in 2014, moving into the Technical Manager role in 2015 before being promoted to Head of Technical Services in 2018. He has worked in the marine industry since the age of 18 in various roles ranging from a Dive Vessel Coxswain in South Devon and crewing onboard tall ships including Kaskelot, Earl of Pembroke and Phoenix to an independent surveyor in the Balearics, Spain.

Ross's role at British Marine is to represent the UK marine industry in discussions with national and international standards bodies and regulators and to provide members with comprehensive technical advice and guidance. This role includes chairing the British Standards Small Craft Committee and representing UK interests in the ISO standards development of both small craft and large yacht standards. The cost to participate in this seminar is just £35 and you can reserve your place online at <https://bit.ly/3nKT3IR>.

If you prefer not to use the online booking system, please email Camella Robertson at membership@iims.org.uk or call +44 9238 5223 to reserve your place and we will arrange to electronically invoice you.



IIMS set to deliver first practical course at the Boatbuilding Academy



It has been a year in the planning and COVID-19 has done its best to disrupt the plans, but it now looks as if the Institute can deliver its first 7-day residential, practical course at the Boatbuilding Academy in Lyme Regis from 13th December, using their specialist tutors. The Academy is operating the highest level COVID-19 protocols.

Six students have signed up for this pilot course and are able to claim this as one of their eight modules towards their professional qualification and diploma if they successfully pass the assignment at the end of the week.

Over the seven days, students will be immersed in every aspect of boat building and will work with wood and GRP, getting their hands dirty as well as learning theory too. Additionally, there will be sessions during the week on ultrasonic thickness measurements, writing effective reports and tips on how to conduct a survey given by an experience surveyor.

IIMS hopes to make this an annual event with 10 spaces available to students or less experienced surveyors. Photos to follow next month.

Report writing seminar a hit

Paul Homer and Mike Schwarz hosted a very successful online Report Writing seminar that attracted nearly 50 delegates in early November, including a good number of students who are studying the Professional Qualification in Large Yacht & Small Craft marine surveying.

The last session of the three-hour seminar proved fruitful with a number of delegates expressing their opinion on the images that were presented and expressing their comments on how they would phrase their reports.

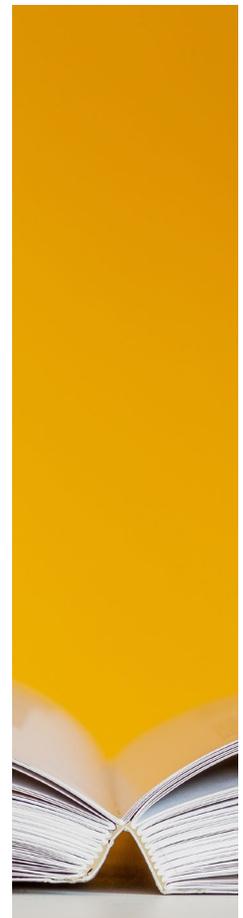
The seminar content has been brought bang up to date to reflect modern report writing and proof-reading software recommendations and suggestions.

The scope of the seminar is as follows:

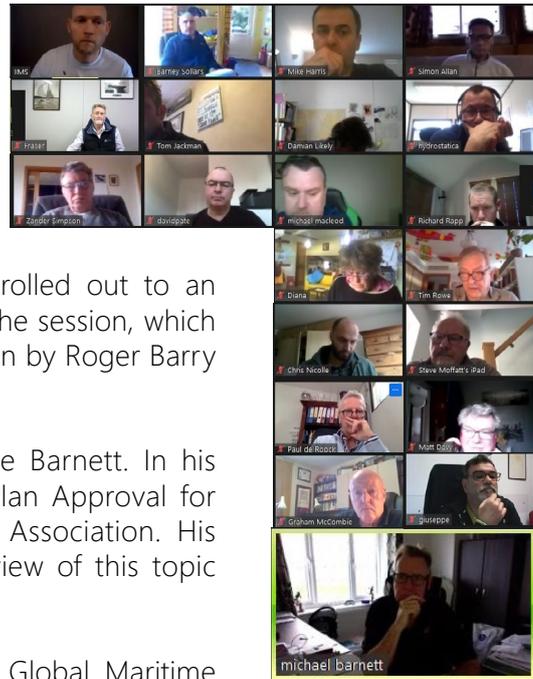
- Part I: Preparing for survey, gathering data and compiling your report
- Part II: Giving the client what they want and not what the surveyor thinks they want
- Part III: Valuation Reports
- Part IV: Complaints, examples and practical exercises

A copy of the video is available to purchase. For details go to <https://bit.ly/3hbWC0W>.

The Report Writing seminar is delivered once a quarter. Watch out for 2021 dates coming soon.



Certifying Authority training attracted a large online audience



The first session of the new look IIMS CA training was rolled out to an enthusiastic 60 strong online audience in mid-November. The session, which ran to three hours, included a bonus 45-minute presentation by Roger Barry from Inmarsat.

The main content of the morning was delivered by Mike Barnett. In his presentation he gave an explanation of the process of Plan Approval for an under 24 metre hull and deck structure by a Class Association. His presentation, technical in nature, gave a thorough overview of this topic and was very well received.

As mentioned, Roger Barry gave an introduction to the Global Maritime Distress and Safety System (GMDSS), which is an internationally agreed-upon set of safety procedures, types of equipment, and communication protocols used to increase safety and make it easier to rescue distressed ships, boats and aircraft.

And Fraser Noble, IIMS Certifying Authority Chairman wrapped up the session by running through some of the administrative changes to bring coding examiners bang up to date with what is expected.



How up to date is your Continuing Professional Development (CPD)?

It is increasingly expected and accepted that all professionals in whatever field of expertise commit themselves to a Continuing Professional Development (CPD) programme. It is realised in today's world that people are considered to be more competent through extending their knowledge by following a programme of continuous development, learning and updating.

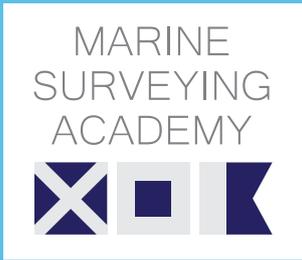
In keeping with this thinking, the Institute follows this course to enable members to be considered and accepted as taking the professional way forward. This will also maintain their standards and competence levels.

Although the IIMS CPD Programme has been endorsed by the Board of Directors, it is not mandatory. But it is encouraged for members to maintain their level of membership and especially for those looking to upgrade to a higher level of membership. Only 10 points are required to be compliant with the Institute's requirements and they are not hard to achieve, but you must be able to evidence your CPD claims.

IIMS has made the claiming of points straightforward by using the CPD App specially designed for the Institute. If you are not familiar and have yet to record points, you can access the App at <https://bit.ly/2IWcXLI>. And remember once you have reached your 10 points for the year and are CPD compliant, we add the tick of compliance logo to your listings on the IIMS web site search and also to the Marine Surveyor Search App, giving you the edge over your competitors!

The CPD year ends on 31 December 2020, but you have until 31 March 2021 to make your claim for this year. If you need help please email Holly Trinder at info@iims.org.uk.

2020



presents

eCMID AVI festival OF KNOWLEDGE

Monday 14th December

ONLINE SEMINAR
Festival of Knowledge II
for eCMID AVIs...



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

You are invited to join the eCMID Accredited Vessel Inspector Festival of Knowledge taking place on Monday 14 December from 10.30

Speaker line up...

- 10.30: Mike Schwarz, CEO IIMS & MSA - Welcome and Introduction
- 10.40 : Graeme Reid and Adam Hugo from IMCA present
 - 1. Progressive Web App discussion and future developments
 - 2. Update from the eCMID Committee
- 11.00: Ian Coates, SMC (Specialist Marine Consultants) Ltd - Remote Inspections
- 11.30: Nicki Krejlgaard, Vattenfall - (topic to be confirmed)
- 12.10: Sujit Viswanathan, DNV GL - The Importance of Standards and Code of Conduct expected from eCMID AVIs

12.40 - 13.15: LUNCH BREAK

- 13.15: Kerrie Forster, Workboat Association - High Speed Craft Code Supplement
- 14.00: Chad Fuhrmann, Revolution CES - (topic to be confirmed)
- 14.40: Maurice Pickles - Things that go wrong with dynamic positioning
- 15.00: Panel discussion hosted by Mike Schwarz with Ian Coates, Gert Laisbo, Sujit Viswanathan and Kerrie Forster
- 15.30: Close

Note, if you are not able to join online on the day there will be the option to purchase the entire contents of the seminar after it has taken place.

To book your place, please contact our Events & Course Co-ordinator, Sharon Holland at courses@marinesurveyingacademy.com

Cost: £95.00 An invoice will be sent to you electronically once your confirmation email has been received.

Lend your support to Carbon Monoxide Awareness Week 2020

At the start of Carbon Monoxide Awareness Week 2020 MAIB Chief Inspector, Capt Andrew Moll, made a statement.



MAIB recently published a safety bulletin about the tragic deaths of two sailors on board *Diversion* due to carbon monoxide poisoning. As we continue our investigation it is vital that we remain alert to the silent danger carbon monoxide poses to the maritime community and the steps we can take to protect ourselves.

Over the past ten years MAIB has investigated six incidents involving carbon monoxide poisoning resulting in the tragic loss of ten lives. The majority of these incidents occurred on board motor cruisers used for recreation. In this time safety action has been taken and MAIB has made 12 safety recommendations focussed on preventing further, needless loss of life.

As well as the need to improve awareness of the symptoms of carbon monoxide poisoning and the groups most at risk, the investigations we have carried out reveal three common safety lessons that are worth highlighting.

Fit a carbon monoxide alarm and ensure it works

Due to the odourless, colourless nature of carbon monoxide, fitting a detector remains the only effective warning that the poisonous gas may be present. In all of the cases we investigated, the boats' occupants were not alerted to the presence of carbon monoxide either because there was no carbon monoxide alarm, or because the one fitted was not working. Our investigation into the fatal accident on board *Love for Lydia* highlights the importance of fitting a carbon monoxide alarm.

Install and maintain onboard equipment properly

The tragic incident which occurred on board *Arniston* raises the importance of ensuring equipment or modifications to boats are undertaken in accordance with the manufacturers guidelines. All safety critical work on boats should be undertaken by a competent marine engineer using the correct materials and all installations and modifications should be fit for purpose. Even a gas cooker, if not burning efficiently, can generate enough carbon monoxide to kill. *Eshcol* was a small commercial fishing vessel, and two crew lost their lives on board when they left the gas grill on overnight to warm the cabin.

Service engines regularly

Our investigation into carbon monoxide poisoning on motor cruiser *Vasquez* highlighted the importance of regularly servicing a boat's engine to ensure it remains reliable and safe to use. The investigation found that the engine on board *Vasquez* had not been regularly serviced and there was evidence that the exhaust system of the engine had been modified during the boat's life.

Ultimately, the only way that boat owners can take potentially lifesaving action when exposed to carbon monoxide is by being alerted to the presence of this poisonous gas. Carbon monoxide alarms are readily available, inexpensive and simple to fit. I urge boat owners to fit one as soon as possible.

Capt Andrew Moll

What is a surveyor's duty of care in this matter?

If you survey a boat and notice it does not have a carbon monoxide alarm fitted, would you alert the potential purchaser or vessel owner with a recommendation in your report that one should be fitted? Should you? If not, why not? Surely it is part of the surveyor's duty of care to his/her client to make an alert about this simple, cheap, yet most effective safety item?

Tritex NDT Multiple Echo Ultrasonic Thickness Gauges



All IIMS members receive a 10% discount and free shipping



Tritex NDT specialize only in the manufacture and supply of Multiple Echo Ultrasonic Metal Thickness Gauges, used for verifying corrosion levels and measuring metal thickness from one side only, without removing any protective coatings.

Tritex NDT gives you the excellent performance that you would expect, with free annual calibration for the life of the gauge.

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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:

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for all membership enquiries (Camella Robertson)

education@iims.org.uk

for education course content and training information (Lorna Robinson)

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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)

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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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