



INTERNATIONAL INSTITUTE
OF MARINE SURVEYING

NEWS BULLETIN

2019
JANUARY

Dedicated to Excellence in Marine Surveying

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



CEO Chat

Welcome to the January IIMS News Bulletin, the first of 2019. On behalf of my colleagues and I, let me wish you all the best for a successful and prosperous year ahead.

Changes seem inevitable and I refer not especially to the marine sector directly, rather to Brexit – sorry to mention that topic so early in the New Year. I have watched with mounting horror at the mess the UK Parliament has got into over this whole issue, like most of the UK population too I suspect. Frankly what we all need in the UK now is certainty. Surveyors in the UK as well as those in Europe need to know how the land lies and what the impending changes will mean to them, to the regulations and to their general working arrangements as they move across borders. The same must surely apply to the whole marine industry too I am sure?

The recent festive period is always, for me, a time for reflection firstly and secondly, a chance for me in those 'down time' moments to think about the challenges that lie ahead; and there are many. We have planned a range of Conferences, seminar and events for members and others in the surveying profession to benefit from. So I look forward to meeting as many members this year as possible in the various worldwide locations.

CEO Chat *(continued)*

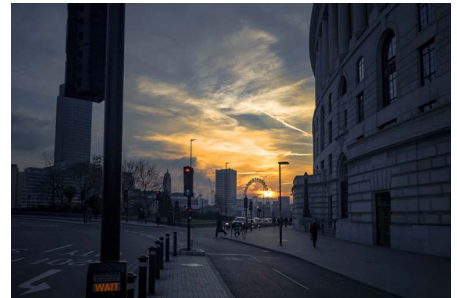
Almost immediately upon us is the IIMS Baltimore Conference on 18/19 January in North America. If you are too distant, why not join as an online delegate? James "Randy" Renn has lined up a very special looking range of speakers this year across the two days for your benefit. It is worth a look – see <https://bit.ly/2FTLulc> for details.

After a gap, the IIMS London Conference takes centre stage this year once again, being held on 17/18 June in the centre of the UK capital. Put this date in your diary now and prepare your travel plans in good time, especially if you need a VISA to visit the UK. The Conference Dinner will take place on Monday 17th June and the AGM on the afternoon of Tuesday 18th June commencing at 14.00. For distant members, the Conference and AGM will be broadcast online. However, for now, we are calling for Conference papers and full details about the Conference will follow soon. There is no specific Conference theme, but if you have a surveying topic you are keen to present and share with the wider marine surveying community, please see elsewhere in this bulletin for how to submit your proposal.

Survey well.



Mike Schwarz
Chief Executive Officer



2019 IIMS London Conference – call for papers

You are invited to submit a proposal for consideration to present a paper at the IIMS London Conference on 17th or 18th June 2019 on a surveying related topic. Monday 17th will be a plenary session held in the Herringham Hall at Regent's University, Regent's Park, London. Tuesday 18th will be split into two sessions in the morning at the same venue, but with more of a workshop theme. In total we are planning to accommodate about 16 speaker slots over the two days. To submit your proposal please email info@iims.org.uk.



IIMS launches a new membership benefit – audio training podcasts

A new member benefit is announced and is freely available to be accessed with immediate effect. Over the course of the past 18 months, IIMS had made a number of video and audio files from a whole range of training sessions it has carried out on an array of surveying topics.

IIMS has now brought an initial collection of thirty plus audio podcasts together in one place on the website under the title of 'Train as you Travel'. A member must be logged in to the web site (using their normal credentials). Once logged in, a member can choose to play an audio podcast directly from the web page, or may select to download it to their device to play anytime on the move. It does what it says on the tin – train as you travel.

This valuable content will grow as more recordings are made and become available. Some examples of what you can access and listen to now include:

- Ultrasonic Thickness Gauges and how to use them
- Marine Warranty and Assurance Surveying for Offshore Wind Farms
- Latest trends in Surveying using new techniques for Evidence Collection
- The Basics of Coatings Technology
- Cash Flow Management
- The Role of a P&I Club Surveyor
- A Surveyor's Duty of Care



The podcasts run from as little as ten minutes to over two hours and the content can be accessed at <https://bit.ly/2PI4eQs>, but remember you must be logged in to the website to view and then hear or download your chosen content.

Report Magazine December (issue 86) – biggest ever edition! Did you miss it?

In case you missed it, the Report Magazine December (edition 86) is available to read in pdf or eReader format at <https://bit.ly/2ztbJkE>. And it really is a bumper issue, the biggest ever edition published by IIMS, equally balanced editorially to appeal to surveyors no matter which branch of the profession they work in.

Key feature articles include:

- ISM Code 20 years on
- Wooden boat surveying
- The role of the surveyor from a P&I Club's perspective
- The case for photogrammetry in marine surveying
- Load measurement for validation and data collection
- Shipping fears engine failures as industry switches to low sulphur fuel
- Micro ROVs enablers for Marine Surveyors
- Cargo integrity
- Comprehensive review of the year
- A wealth of member news, including reports from recent training events
- Special report on the IIMS Mumbai one day Symposium with photos
- A feature length 'A Day in the Life of' with Milind Tambe (and his amazing trike) as the stars



IIMS releases speaker programme for its Baltimore, US Conference on 18/19 January 2019 - join real time or online

James Renn, IIMS Regional Director, has assembled a wide variety of speakers for the two day Conference to be held on Friday 18 and Saturday 19 January 2019 at MITAGS-Maritime Institute of Technology and Graduate Studies, Baltimore. This event is open to IIMS members and non-members alike. Furthermore, more distant delegates are invited to join the Conference online via zoom and take an active part.

Entitled "New Products for Old Practices" this Conference gives delegates the opportunity to network with fellow surveyors and to chat with industry sector professionals and experts. Hear their views and question their ideas! Discover new thinking and extend your knowledge as a surveyor.

Day One - Friday 18th January 2019

- 0830 IIMS CEO Mike Schwarz gives an update, introduction and explanation of current and future IIMS and Joint Agency Programs.
- 0900-1000 Capt. John McDevitt, SAMS AMS, Performing Vessel Electrical Surveys.
- 1015-1115 Craig Norton, SAMS AMS, InspectX. Craig explains the tough book survey program with accented icons to speed and ensure survey content and accuracy.
- 1115-1215 Robert "Bob" Stefanowicz, SAMS AMS, Susquehanna Marine Surveys tackles vessel mold inspection, detection and mitigation.
- 1330-1430 Jeff Smith, Cool2sea and Clear2sea enclosure panels.
- 1430-1530 Andrew Tuhan MIIMS, SAMS AMS, Yacht Pro Solutions will be able to unlock many of those questions we have about the superyacht surveying sector.
- 1545-1615 Craig Stevens, Eco Blast of Maryland. Low-pressure high volume material removal using a powered recycled media-bottle glass.
- 1615-1645 James Renn Sr. FIIMS, SAMS AMS. Introduction to the resurrection of a nearly century-old super technology in the form of Fletner Rotors and Magnus Effect-Gustav Magnus and A. Fletner sail towers.

Day Two - Saturday 19th January 2019

- 0830-0900 Michael Richardson, Entratech Systems. Entratech will introduce its fully approved fuel water separator with alarm that informs the operator of a water peril before water can reach the engine.
- 0900-1000 Gary Lowell, SAMS AMS, Owner Lowell Boats. Wooden Boat Inspections.
- 1015-1115 Dylan Bailey, SAMS AMS, Owner of Dylan Baileys Yacht Service. Non Destructive Testing.
- 1115-1215 Kenneth Wienbrecht, SAMS AMS, Owner of Ocean Bay Marine Services Inc. "The Value of Our Services". It may be that we as surveyors do ourselves a serious disservice in deeming to put a value on what we produce. How do we know what we are worth to our clients?
- 1330-1430 Ted Thies, President Eco Seal-Will. Ted will be reporting on the development and application of the next step in polymer coating protection against corrosion and marine growth fouling.
- 1430-1530 Nate Baugher, Maritime Applied Physics. The design, development and construction of 50' Public Transportation Vessels-water taxis, for a specific harbor use.
- 1545-1645 Craig McBurney, Vet Real Property Development. Using vessel maintenance, service and refitting as springboards in Disabled Veterans rehabilitation and training in all vessel associated venues.

Conference costs for both days (including lunch, coffee, tea and snacks) IIMS, SAMS, NAMS members and others: \$225.00 for two days

Online only delegate (join by zoom and receive copies of the videos made of the presentations): \$200.00
Registration for the conference can be made by email to: iims.usa@aol.com, or by calling 410-490-0216 or by using the reservation form on the website. For full details and how to reserve your place go to <https://bit.ly/2FTLulc>.



2019 calendar of IIMS events (subject to change and amendment)

IIMS has published its events calendar for 2019. Many of the events advertised below will be available for delegates to join online via zoom as well as real time. Watch for more information as it becomes available nearer each event. Details of the online only seminars will be published soon.



January

Friday 18 and Saturday 19 - IIMS US Conference Baltimore, USA

February

Monday 18 - Large Yacht & Small Craft Working Group training day - morning visit to Sunseeker factory at Poole followed by afternoon presentations at the adjacent RNLI headquarters.

March

Monday 11 and Tuesday 12 - Large Yacht & Small Craft Working Group training at Malahide Marina, Dublin, Ireland

April

Monday 1 - Inland Waterways training day - UK location to be confirmed

Monday 8 - UK tonnage training day at Itchenor, UK

Thursday 25 and Friday 26 - Western Mediterranean Large Yacht & Small Craft Working Group training at Palma, Majorca



May

Monday 13 - Certifying Authority Training Day - Portsmouth area

June

Wednesday 12 - Seawork (Small Craft Surveyors Forum)

Monday 17 - IIMS London Conference, Regent's University, London

Tuesday 18 - IIMS London Conference and AGM, Regent's University

Wednesday 19 - eCMID London seminar, Regent's University, London



August

Thursday 1 and Friday 2 - IIMS Australia seminar and workshop. Brisbane/Gold Coast area.

September

Monday 23 - Certifying Authority Training Day - Portsmouth area

October

Monday 7 - Inland Waterways training day - UK location to be confirmed

Tuesday 15 - Tonnage training - European location to be confirmed followed by an IIMS training day on

Wednesday 16 at the same location

Wednesday 29 and Thursday 30 - Second Marine Surveying International Fest 2019



November

Monday 4 and Tuesday 5 - IIMS Scotland Large Yacht & Small Craft Working Group training

Wednesday 20 and Thursday 21 - IIMS UAE Branch Conference celebrating 10 years onboard the QE2 in Dubai

Monday 25 November - Large Yacht & Small Craft Working Group training day - Portsmouth area

NEW 2019 REGULATIONS

The impact of IMSBC Code changes from 1 January 2019 on coal cargoes

On 1 January 2019 amendments to the IMSBC Code will apply. In an article to Gard Club, Penelope Cooke of Brookes Bell LLP, explains the impact of these changes on vessels carrying coal cargoes.

The amendments to the IMSBC Code regard the criteria under which coal cargoes are considered Group A, namely liable to liquefy, in addition to Group B chemical hazards which apply to all coal cargoes. Thus, coal cargoes may need the same TML and moisture certification as other Group A cargoes, such as concentrates, nickel ore and iron ore fines.

The classification of coal has been amended so that it will be treated as both Group A and B, unless otherwise tested. This means that all coal cargoes are to be considered as both liable to liquefy and have a chemical hazard – unless they meet the new criteria as detailed in the IMSBC Code.

In order for shippers to show that a coal cargo is not Group A, they can do it in two ways:

1. Coal cargoes will not be subject to Group A requirements if they have a particle size distribution, like: Not more than 10% is less than 1 mm AND not more than 50% is less than 10 mm.
2. The relevant authority of the country of loading can specify laboratory criteria to determine if a coal cargo possesses Group A properties. These criteria would be based on the result of the test methods for Group A cargoes in Appendix 2 of the IMSBC Code.

For cargoes that are Group A and B, operators are now able to test the cargo for its Transportable Moisture Limit (TML) using a new test method. This method includes a new procedure on how to deal with lumps over 50 mm in the sample. In this aspect, Ms. Cooke expects that suitable TML test facilities will not be widely available in commercial coal laboratories in the short term.

Moreover, the reason behind the declaration of a cargo as either Group B only, or Group A and B, will need to be clearly stated. The sizing criteria could be included on the cargo declaration, or it could be issued as another certificate. If there are no sizing criteria, the coal should be assumed to be both Group A and B. If the coal has a TML certificate then it must have protection from rain. What is more, the moisture content will need to be re-checked after any rain at the load port.

Finally, other dangers of coal, such as self-heating or methane emissions, still need to be monitored and controlled for each cargo.





Photo Credit:
Maritime NZ

EPIRB distress beacons become compulsory on commercial fishing vessels from 1 January in New Zealand

The New Zealand's national regulatory, compliance and response agency for the safety, security and environmental protection of coastal and inland waterways, MaritimeNZ, reminds New Zealand operators that they must install float-free EPIRB distress beacons on commercial fishing vessels by 1 January 2019. The regulation applies to vessels between 7.5 meters and 24 meters operating outside enclosed waters.

Domonic Venz, Maritime NZ's Assistant Compliance Manager for Southern Region, who has an experience on commercial fishing, says float-free EPIRBs really do increase your chances of survival because they call for help when you can't. It's easy to get one on your boat, he says. "Undoubtedly, float-free EPIRBs will save lives. We all know the sea can be an unforgiving mistress: you're a minuscule speck, a needle in the proverbial haystack. You'll be glad that you installed that float-free beacon, which calls for help when you can't".

A float-free auto-activating EPIRB can send a call for help within minutes of being submerged in water, without any action by the crew. Float-free EPIRBs offer significant safety advantages for crew and passengers on vessels in distress.

Compulsory float-free EPIRBs are supported by the industry. The requirement was introduced following the deaths of 24 people over the last 11 years on inshore fishing boats that sank with manual EPIRBs on board that were unable to be deployed.

BMA alerts to the use of new ISO standard safety signs and equipment location markings from January 2019

The Bahamas Maritime Authority has published an alert regarding new escape route signs and equipment location markings. They remind all relevant parties that all new vessels built from the 01 January 2019 should be provided with new ISO standard safety signs as described in Resolution A.1116(30).

All ships built on or after 01 January 2019, and current ships which undergo repairs, changes, modifications and outfitting within the scope of SOLAS Chapters II-2 and/or III, on or after 01 January 2019, will need to make sure that they comply with the signs listed in Tables 1, 2 and 3 in the Annex to A.1116(30).

The resolution includes updated signs and graphical symbols that should be used to mark the location of:

- Means of escape;
- Life-saving systems;
- Mandatory action signs for launching lifesaving equipment.

These need to meet the mandatory requirements of SOLAS regulations II-2/13.7 (ro-ro passenger ship escape routes); III/9 (LSA operating instructions), III/11; (survival craft muster and embarkation arrangements); and III/20.10 (marking of LSA stowage locations).

The Resolution also includes non-mandatory signs for:

- Emergency equipment signs which provide use and location of first aid facilities and safety equipment;
- Fire-fighting equipment signs which provide use and location of firefighting equipment;
- Prohibition signs;
- Hazard warning signs;
- Mandatory action signs which provide mandatory notices and instructions.

In addition, the resolution includes symbols that should be used along with IMO Resolution A.952(23) when preparing the shipboard fire control plans required by SOLAS regulation II-2/15.2.4.

Except from the symbols for 'Safety Plan' and 'Fire and Safety Plan', the symbols are the same as those contained in IMO Resolution A.953(23).





Safety briefings resource

IIMS receives regular notification of safety briefings and the lessons learnt from the various flag states and other sources following their painstaking investigations. These reports and findings have now all been brought together and published on one page on the IIMS website. They are categorised for ease and are free to access as follows:

- Commercial Ship Safety Briefings
- Yacht & Small Craft Safety Briefings
- Workboat Safety Briefings
- Offshore Safety Briefings
- Marine Accident Investigation Branch (MAIB) Safety Briefings

In total there are nearly 50 links giving access to the outcome of hundreds of case studies, incidents and accidents.

Access the new safety briefings page at <https://bit.ly/2Qm9WCs>.

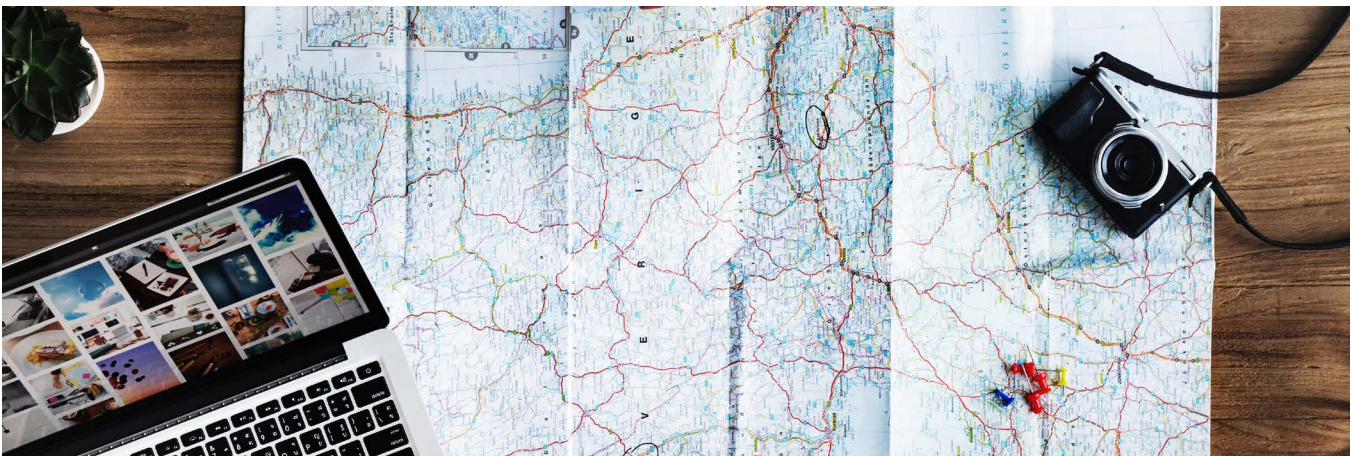


IIMS Membership Travel Service scheme

Norad Travel Group runs 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 is 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 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>.



Cygnus 4+ and 2+ Multi-Mode Ultrasonic Thickness Gauges

- Extremely simple to operate
- Multiple Echo technique (approved by Class)
- Range of twin crystal probes for Heavy Corrosion
- Large, sunlight readable display (with A Scan)
- Data logging for easy reporting
- Very Rugged. 3 year warranty
- IP67 Rated Water Protection

Quote IIMS2018 for a 10% discount on a gauge



Find out more

www.cygnus-instruments.com

IIMS Handy Guides...

What A Marine Surveyor Needs To Know About



- MAKING INFORMATION AVAILABLE ON SPECIALIST MARINE SURVEYING TOPICS AT A COST AFFORDABLE BY THE MAJORITY
- GUIDES ARE PRODUCED IN A COMPACT AND HANDY SIZE
- AN EXPANDING SERIES WITH TITLES ADDED REGULARLY

Also AVAILABLE as e-BOOKS

Click for more information about **IIMS HANDY GUIDES** >>

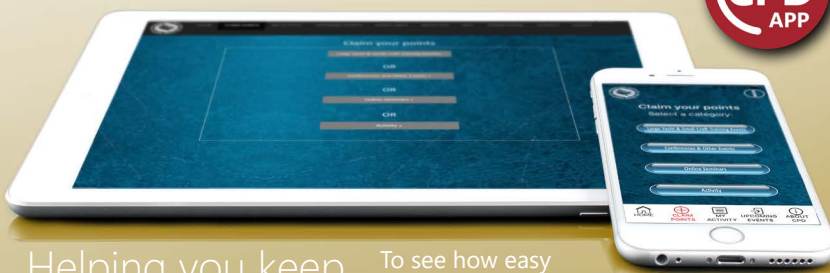
IIMS is on YouTube
www.youtube.com/c/MarineSurveyingIIMS

18:36 7:58 6:43 42:16 44:12 53:36 6:07 5:11

MarineSurveyingIIMS

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

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>

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 (Jen Argent)

info@iims.org.uk: for general information and enquiries (David Parsons)

tonnage@iims.org.uk: specific email address 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)

standards@iims.org.uk: for all BSI standards information and orders

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).

