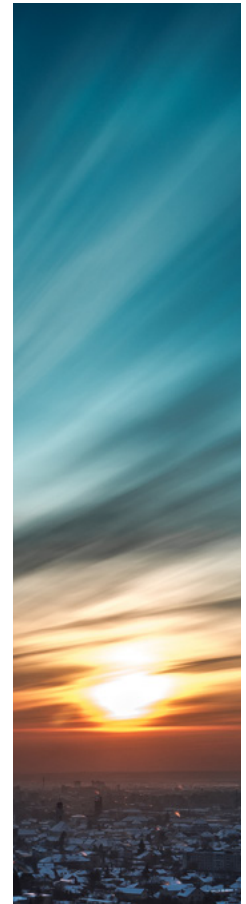


International Institute of Marine Surveying
Dedicated to Excellence in Marine Surveying

News Bulletin

OCTOBER 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 strangest year of our lives continues with receding hopes of an early end to the misery much of the world is suffering due to the pandemic right now. From the UK perspective, the one I am personally closest to, the situation is worsening as the rate of COVID-19 infections has soared. It is the topic on everyone's minds unsurprisingly. Yet I continue to hear news from the field that many surveyors in worldwide locations are exceedingly busy, struggling to keep up with the work in some cases, rushed off their feet in others. Extraordinary times. Alas, I know it is not like that for all. But we must remain positive. I have asked some members to let me have a few words so that I can publish a worldwide overview in the December Report Magazine of how COVID-19 has impacted and changed the surveying business. And a word of caution as the number of complaints against surveyors reaching the Institute is increasing. Please don't be tempted to take on too much surveying work to the point where your reports are being rushed and not up to scratch. That appears to be the key issue right now.

So frustrated and distressed have I become in recent weeks with the sheer volume of marine fatalities and tragedies popping up on the newswires - and I am not the only one - that I felt compelled to write a short article called *'With a spate of incidents and accidents, what price human life at sea?'* The purpose of the article was not to provide answers, rather to highlight the deteriorating situation over an eight-week period and to stimulate debate following a run of appalling incidents. The article can be read at <https://bit.ly/2FcH13w>.





CEO Chat (*continued*)

The news about the review and reclassification (if necessary) of surveyor specialisations which was announced in last month's news bulletin has been received positively. Dialogue is already underway with a number of members who have realised they need to remove some specialisations and add others. Just for clarity, you are encouraged to review your listing and specialisations. If you want to add new ones, we encourage you to do so but you need to provide objective evidence of your skills and experience in each area.

Marine Surveying International Fest III 2020 will soon be upon us. The previous two have been fun to compile and deliver and Fest III looks like being excellent too with some great and highly original content. Broadcast over two days, the dates for your diary are: Monday 30 November for Large Yacht & Small Craft surveyors and Wednesday 2 December for Cargo & Commercial Ship surveyors. Both days will be broadcast via the Zoom platform starting at 06.00 (UK time) and concluding at 18.00; and if you cannot be there live, one modest fee will give you access to the whole day's content on video to watch later at your convenience. More details about Fest III can be found in this bulletin.



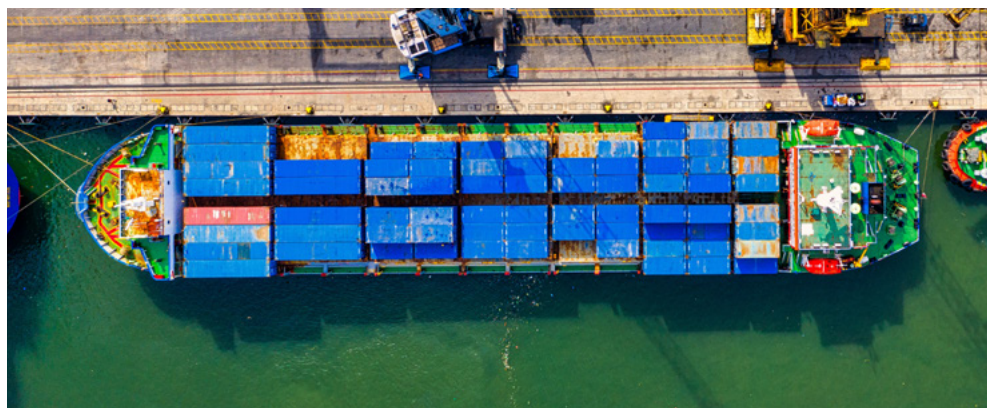
News reached me last week of the sad passing of Captain Barry Thompson in New Zealand, who I believe was our second oldest member at 92 years old. He had been in failing health in recent months. I have written my personal tribute to Barry, which you can read in this bulletin and a more detailed obituary will appear in the December Report Magazine with memories from others. He was truly a great man and marine surveyor.

I also wanted to highlight two free pdf guides that IIMS has made available for download from the website. One is brand new and the other republished. The new publication is a 36-page informative guide called *'The use of moisture meters on small craft'*. The other is an essential 16-page booklet entitled *'Biological Attack on Iron & Steel'* - a subject that every marine surveyor should be aware of. Check inside for details of how to download either or both free guides.

Survey well
and stay safe.

A handwritten signature in blue ink that reads "Mike". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mike Schwarz
Chief Executive Officer



Two guides freely available to download in pdf format from IIMS

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.



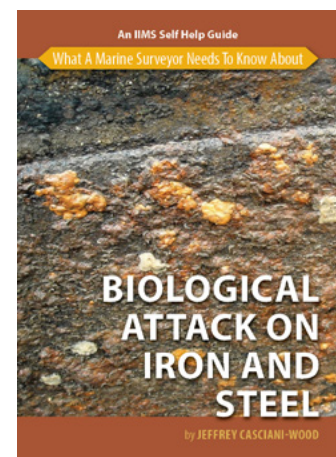
Electrical moisture meters have an enormous advantage for the general survey as they are clean and non-destructive, but they do have limitations and they do NOT quantitatively measure moisture on/in hull substrates. The majority record electrical resistance between two applied electrodes or capacitance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

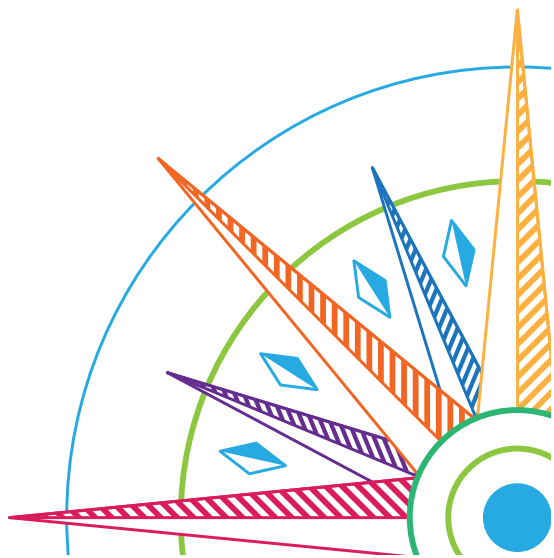
Boat owners and marine surveyors will be familiar with common iron rust whatever form it takes. The literature on the subject of electrochemical or galvanic corrosion is enormous. However, although the phenomenon is well known to the mining and oil industries where it causes millions of dollars' worth 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>.



Marine Surveying International FEST III

Marine Surveying International Fest III – two days of first-class online training

There are two important dates for your diary looming. On Monday 30th November, IIMS will present *Marine Surveying International Fest III* for Yacht & Small Craft surveyors. Then, two days later on Wednesday 2nd December, *Marine Surveying International Fest III* for Cargo & Commercial Ship surveyors will be delivered.

At the time of writing we are still finalising presentations and in some cases, presenters are still being sourced and considering their specific topic, but bookings for Fest III are now open.

In case you are not familiar with the Fest format, now in its third year, it is anchored and hosted by IIMS from our headquarters at Portchester and starts each day from 06.00 UK London time. Both days are broadcast live on zoom, but there is an option to purchase the entire day's content in video format to watch at your leisure after the event if you cannot, or prefer not to join live. The content is not posted with free access until a year later.

Each hour on the hour for 12 hours, a new presentation is given by an expert in one area of marine surveying or another. One modest fee of just £100 gives you access to the entire day's schedule of presentations.

This year's presentations include many that are being prepared from scratch for your benefit. So, many are original and produced especially for Fest III. The full schedule will be unveiled soon, but here's what we have lined up for you so far, subject to final confirmation and amendment.





Marine Surveying International Fest III for Yacht & Small Craft surveyors on 30 November 2020

- Luca Olivari is one of the foremost European experts in new materials and he is planning to present on the next generation of composites.
- Milind Tambe is not only a highly experienced commercial ship surveyor, but also something of an expert in digital photography. He will share some vital photographic tips for the benefit of small craft surveyors.
- Mike Schwarz is putting together a role play scenario with a couple of experienced marine surveyors on the topic of surveyor ethics.
- James Hale is presenting *Surveyors and LPG* on boats.
- Karen Brain from Matrix insurance is finalising her content as is Richard Jennings from Akzo Nobel, who intends looking at superyacht coatings.
- Mike Lewus, who is attached to the British Stainless Steel Association, has presented at previous IIMS events and plans to share his encyclopedic knowledge about galvanic corrosion.
- Mike Schwarz will be hosting a live 'double header' interview with IIMS' two oldest members, Jeffrey Casciani-Wood and Ian Nicolson, who between them have over 100 years' surveying experience and he will be inviting them to share some of what they know with delegates.
- Joining Fest III from East Coast America, Michael Pinto will deliver a presentation entitled *The danger of mold in the marine environment* which may shock a few and get others thinking about this little known phenomenon.
- Geoff Waddington, IIMS President, is developing a presentation called *Things you see and cannot make up* using his collection of archive photos leading to a discussion.

The cost for the day's content is £100 and to book your place now, please go to <https://bit.ly/30a6anf>.



Marine Surveying International Fest III for Cargo & Commercial Ship surveyors on 2 December 2020

- Capt Akshat Arora is tackling the thorny subject of liquefaction and the latest thinking about this challenging subject.
- Ultrasound as part of your Predictive Maintenance Program to be presented by Chris Hallum (subject to confirmation).
- IIMS Deputy Vice President, Capt Ruchin Dayal brings his knowledge of cyber to Fest III with a presentation entitled Ships and Cyber Security.
- Capt Michael Lloyd brings his extensive knowledge about the dangers of enclosed spaces to delegates with the clear message, do not become complacent and understand the risks.
- The use of drones in marine surveying is the subject of a presentation by Stuart Blair from Coptrz.
- Subject to confirmation, a representative from the Methanol Institute will talk about the emerging possibility of methanol as a future fuel.
- John Dolan, Standard Club, based in London will talk about one of the most vexing issues of today which is misdeclared cargo.
- The elephant in the room: What do remote surveys mean for the marine surveying profession? Is the subject of a presentation by Mike Schwarz.
- Lee Wartier (if time permits) will address the CTU code and the importance of cargo lashings.

The cost for the day's content is £100 and to book your place now, please go to <https://bit.ly/3ctJVgO>.



The sad death of IIMS stalwart Captain Barry Thompson is announced

The world of marine surveying is mourning the death of one of its most admired and respected practitioners of recent times. News has reached the IIMS Head Office of the passing of Captain Barry Thompson HonFIIMS. Barry died on 24 September 2020 aged 92 years old and will be known to many members.

A more detailed obituary will be published in the December Report Magazine, but for now, Mike Schwarz remembers a much-admired and skilful marine surveyor, who was a stalwart of the Institute.

I cannot claim to have known Barry closely, nor indeed for very long - only the past 6 years. But what I learnt immediately upon joining IIMS was the high esteem in which Barry was held by fellow Institute members around the world, the board and, in particular, our members in New Zealand. He reached out to me early in my tenure as CEO and offered unconditional support and was most generous in his words of wisdom and encouragement. From then onwards, Barry and I would communicate often, and we struck up an instant accord and friendship with each other, despite our different backgrounds. Indeed, when I approached him with the concept of publishing a series of handy guides authored by surveying experts, not only was he enthusiastic about the project, but put his name forward as a potential author. He went on to write four handy guides, all of which continue to sell consistently well.

Barry was awarded an IIMS Honorary Fellowship in June 2010. The Barry Thompson Scholarship was subsequently established and James Newcombe, based in New Zealand, became the first and to date only student to win the scholarship.

Barry was the inaugural Regional Director of the IIMS New Zealand Branch, the first overseas branch opened by the Institute a number of years ago and his efforts are well documented.

I always looked forward to seeing Barry and he made the effort to come back to the UK as often as he could before his health started to fail. He enjoyed visiting the Institute's head office and looking at the books in our library. I would treat him to lunch each time he visited at the local pub and his request was always the same - "ham, egg and chips please." After lunch, he would head straight down to the library in the Historic Dockyard in Portsmouth, just a ten-minute car journey away, to undertake research for his next book. Indeed, Barry liked to write and was good at it too. Apart from IIMS handy guides, Barry wrote other books, one of which was *Deeds Not Words* about the Coastguard, and another called *All Hands and the Cook* about sailors' slang expressions.

I recall the IIMS Silver Jubilee Awards in 2016. Barry cadged a lift and travelled up with the rest of the IIMS team by luxury coach from Portchester to London. We chatted away about something and nothing to pass the time. He had been nominated



in the *Outstanding Contribution to the Commercial Ship Marine Surveying Industry Award* category. His nomination extract read, "Barry has been a stalwart member of our Institute since the early inception of the IIMS over many years. Despite being in one of the remotest outposts of the IIMS empire, Barry has continuously supported the organisation and was the founder and chairman of our first overseas branch in New Zealand. Barry gained immense respect with the New Zealand Government maritime department. Through Barry's sage advices he became an adviser to the department enabling them to draft national standards and protocols. He is a Master Mariner, consummate diplomat, author of various books and other journals and manuals and various technical papers." Needless to say, Barry won the Award and it was richly deserved too. It was an honour to present it to him alongside Sir Alan Massey, the then CEO of the Maritime & Coastguard Agency.



Barry's career in brief

Brought up with a love of the sea and some experience in small boats in the South of England, Barry Thompson embarked upon a career at sea, serving his apprenticeship with Port Line. After obtaining his Second Mate's certificate he joined P&O, leaving after brief periods as Staff Captain and in command, to settle in Auckland, New Zealand.

He became a marine surveyor, shortly afterwards running his own business and was later appointed the Auckland Lloyd's Agent and a consultant surveyor retained by the Salvage Association. Retiring in due course from full time employment Barry became a Marine Consultant to the insurance and shipping industries in New Zealand. He was, for a time, Deputy Chairman of the NZ Committee of Lloyd's Register of Shipping.

Barry was a Liveryman of the Honourable Company of Master Mariners and a Fellow of the Nautical Institute. Since 2000 he has contributed several units to the IIMS Diploma Courses and is the author of the well-established textbook *Surveying Marine Damage* published by Witherbys and now in its 3rd edition.

My lasting memories of Barry are that he was a thoroughly decent human being, a courtesy man with an encyclopaedic knowledge of aspects of the marine surveying profession in which he specialised, and I always felt easy in his company.

Captain Barry Thompson leaves a lasting legacy and will be missed by all who knew him. Rest in peace Barry.

Our thoughts are with his family at this difficult time.

Mike Schwarz

Fond memories from others who knew Barry...

Mike Wall said, "I am honoured to have had Barry as my friend and mentor. He reviewed most of my books and wrote the foreword to 'Report Writing for Marine Surveyors'. He was courteous, kind gentleman and very knowledgeable. Whilst diminutive in stature he was a giant of the marine surveying world. He will be greatly missed by all who knew him."

Peter Morgan commented, "Barry was a nice man and stalwart of the IIMS and will be missed."

An unknown author from New Zealand said, "You always wanted him (Barry) on your side as an expert in a court case, but if he was on the other side at least you knew he would always give his evidence fairly."



Designated post nominal letters after your name

IIMS would like to remind you to use the correct designated post nominal letters after your name, depending on your membership grade, at all times when making reference to your membership of the Institute following some recent confusion.

As reminder, the post nominals may be used on websites, email footers, business cards and so on as follows:

Affiliate members may use **AffIIIMS**
Associate members may use **AssocIIIMS**
Technician members may use **TechIIIMS**
Full members may use **MIIMS**
Fellows may use **FIIMS**

What happens to the valuable new asset Murrills House in the event the Institute is wound up in the future?



The IIMS management board had reason to check the Institute's constitution closely at a recent meeting when the subject of Murrills House came up and what would happen to this valuable new asset in the event that the Institute was dissolved at some point in the future.

So after a few minutes of rifling through the constitution, Article 10 was discovered which clarified the matter once and for all and for the benefit of members, it reads as follows:

Article 10 *Dissolution of the Institute*

The Institute can only be dissolved by a decision taken by a three quarter majority of those present or represented members, by an Extraordinary General Meeting convened for this purpose.

Notification of this meeting must be made individually. At the same time that the General Meeting pronounces the dissolution by a majority of present or represented members, it designates two liquidators who are responsible for the liquidation of the property of the Institute.

The funds representing the net assets of the Institute at its dissolution must be allocated to one or more charitable organisations for the welfare of mariners decided at the meeting by the majority of its present or represented members.

Did you miss the publication last month of the September Report Magazine?

Published on 1 September, edition 93 of The Report Magazine was the largest ever at 112 pages. Apart from the usual eclectic round up of marine and member news, safety briefings and new products, there really is a bit of something for marine surveyors of all persuasions to benefit from. Here is a preview of some of the key feature articles:

- The elephant in the room: What do remote surveys mean for the marine surveying profession?
- What surveyors ought to know about Fastenings Part II
- Sacrificial anodes – a waste of money?
- Cyber security and ships
- Decarbonizing shipping: the role of internal combustion engines
- Why do container stacks collapse and who is liable?
- Making ship systems smarter with simulation
- Wakashio grounding and oil spill: Was the Mauritian government prepared?
- A Day in the Life of Jeffrey Casciani-Wood
- The making of the new Norwegian research vessel RV Kronprinz Hakkon



Read the September Report Magazine in eReader format at <https://bit.ly/2EX7m5m> or download the pdf version at <https://bit.ly/3jCc7k9>.



Just Giving page reopens as Murrills House renovations commence

Following the recent acquisition of Murrills House, the renovations are already well underway. Scaffolding appeared last week to the side of the building as can be seen and work to make improvements to the roof is now taking place. This is the first part of the essential work. New windows will be fitted later this year, but this element of work is subject to obtaining planning permission from the local authority.

Details of the full scope of work to be undertaken have been published today in The Report Magazine September edition.

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 and work has started on that project. The Institute is incredibly grateful to those who have been generous in their support. Since that campaign ended, a number of members have subsequently asked if they can still donate. So, IIMS has reopened a JustGiving page at <https://bit.ly/2X4Cu9x> which will remain live until the end of December 2020.



UK to accept CE-certified products until end of 2021

IMCI, the Brussels-based International Marine Certification Institute, has issued a statement to say that all products that are certified under the Recreational Craft Directive (RCD) by IMCI will be able to be placed on the UK market with the CE mark until 1 January 2022.

According to new guidance released by the UK government, industry will be able to use the CE marking until 31 December 2021 if any of the following apply:

- CE marking is applied to goods on the basis of self-declaration
- a mandatory third-party conformity assessment was carried out by an EU-recognised Notified Body (including a body in a country with which the EU has a relevant mutual recognition agreement)
- the certificate of conformity previously held by a UK Approved Body has been transferred to an EU-recognised Notified Body

However, industry can only place CE marked goods that meet EU requirements in Great Britain while UK and EU requirements are the same. This will be the case on 1 January 2021 and there are neither UK nor EU plans to diverge at this time.

Certificate in Supercargo Operations

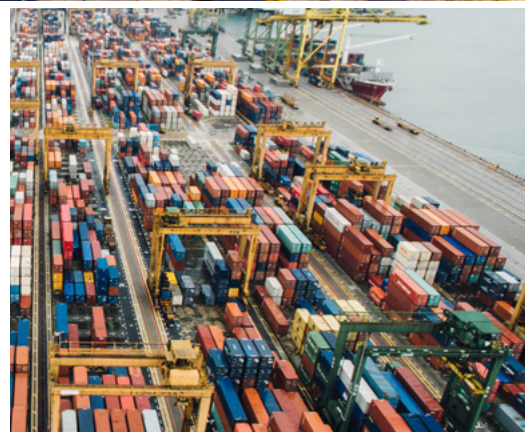


If you're looking to become more qualified for the supercargo role, this maybe a suitable online training course for you. It's the first online course to offer the tools, skills and knowledge that are essential for performing the supercargo role more effectively.

Over 12 weeks you will be taught by an experienced course director, covering 6 modules.

Starting online from 7 December 2020.

For more details go to <https://bit.ly/33GP01q>.



The Ship Valuer's Handbook

Author: Kent Stewart

Reviewed by John M Noble FIIMS

This is a first-class specialist book seriously and intensely authored by a true expert. During their careers most marine surveyors will become involved with some aspect of ship valuation. The client base can be wide and ship types very varied. Kent Stewart has composed a book that looks at the whole spectrum of ship valuation techniques. Indeed, the book deals with many classes of surface vessel, from large to small craft, including leisure and other specialist categories.

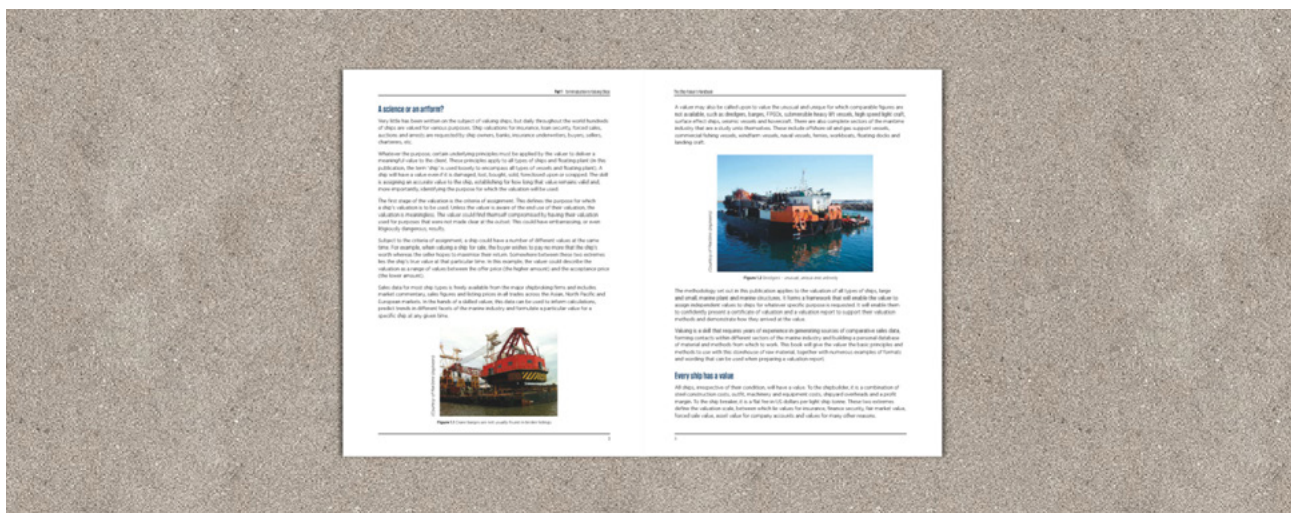
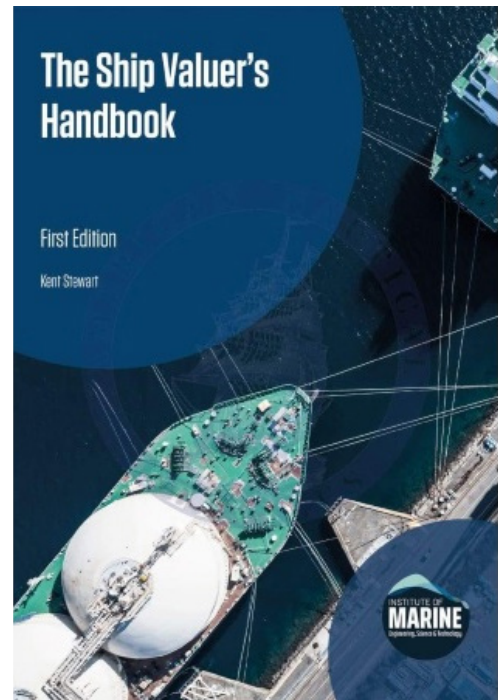
Surveyors are often asked to offer a valuation figure by clients and this task can have all the properties of a live minefield. Sometimes it is not possible to engage an experienced "valuer", often because of the additional expense incurred. Every surveyor ever asked to provide a valuation simply must read this book.

The volume is broken down into six separate parts: i) An Introduction to Valuing Ships; ii) The Principles of Valuing Ships; iii) Types of Valuations and Terminology Used; iv) Research and Data Collection; v) Conducting the Valuation; vi) The Certificate of Valuation and the Valuation Report. In addition, there are nine Appendices showing graphs and specific valuation certificates.

The Author makes many helpful comments and suggestions while examining the main principles of valuation of different ship types and client backgrounds. The categories include most classes of vessel including a most helpful few pages on the valuation of recreational vessels and yachts.

I would suggest that every surveying organisation should carry a copy of this book in the library. Certainly, any surveyor who becomes involved in or around valuations should read the book; as the extent of vessel valuation is fully covered by Kent Stewart in the content. I found it easy to read and understand. Recommended.

The Ship Valuer's Handbook is published by Witherby Seamanship International and is available at £75 from <https://bit.ly/3hAD5Yw>.



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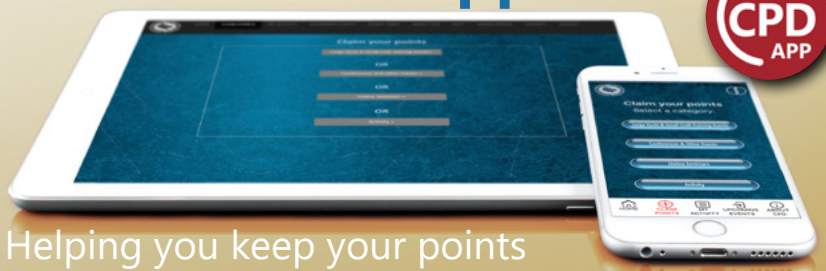


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<https://www.iims.org.uk/membership/continuing-professional-development/>

For iOS users go to the "App Store".
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Login using your IIMS credentials.

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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:

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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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