



**Canadian Board of Marine Underwriters
Spring Meeting - May 23, 2019
U.S. Market Update and “Bonus Topics”
John A. Miklus – President, AIMU**

AGENDA

- About AIMU
- USA Marine Results
- Lloyd's Market
- Containership Fires
- Education
 - AIMU
 - IUMI
- Thank you



AIMU CORPORATE MEMBERS

AIG

Allianz Global Corporate & Specialty

Allied World Reinsurance Company

Aspen Specialty Insurance Company

Argonaut Insurance Company

Assicurazioni Generali S.p.A. – U.S. Branch

AXA XL

AXIS Reinsurance Company

Beazley Group

Berkley Offshore Underwriting Managers, LLC

Berkshire Hathaway Specialty Insurance

Chubb Limited

CNA Marine

Crum & Forster

Everest Insurance Company

FM Global

GEICO Marine Insurance Company

Gen Re Corporation

Great American Insurance Group

The Hartford

HDI - Gerling American Insurance Company

IMU/One Beacon

Liberty Mutual Insurance

Liberty Mutual Reinsurance

Markel Corporation

Mitsui Sumitomo Marine Management (U.S.A) Inc.

Munich Reinsurance America, Inc.

Nationwide E&S/Specialty

Navigators Group

ProSight Specialty Insurance

Ocean Marine Indemnity Company

RLI Insurance Company

Scor Reinsurance Company

Sompo America Insurance Company

Sompo International Insurance

Starr Indemnity

StarStone National Insurance Company

Swiss Re

Tokio Marine America Insurance Company

Transatlantic Reinsurance Company

Travelers Companies

Zurich American Insurance Company

AIMU SNAPSHOT

12 – Committees

100+ – Forms and Clauses in our online Ocean Marine Insurance Forms Library

1700 - Recipients of our AIMU Weekly Bulletin



Courses Offered:

Introduction to Ocean Marine Insurance
Introduction to Protection and Indemnity
Introduction to Cargo Insurance
Introduction to Yacht Insurance
Introduction to Marine General Liability
Introduction to Ocean Marine Claims Examiner
Introduction to Hull Insurance
Introduction to Bumpershoot and Excess Liabilities
Advanced Cargo Underwriting
Advanced Cargo Claims
Advanced Hull Underwriting
Advanced P&I Underwriting
Reinsurance for the Experienced Marine Insurance Professionals
Introduction to Offshore Energy
Hull Builders Risk Insurance







US Marine Market Results

U.S. OCEAN MARINE RESULTS – A.M. BEST (000'S)

3-YR Avg 56.7%

5-YR Avg 52.3%

Year	Direct W.P.	Direct E.P.	Paid Loss	Inc. Loss	Pd L/R	Inc L/R
2017	2,960,724	2,947,105	1,893,925	1,928,569	64.3%	65.4%
2016	2,966,171	3,009,496	1,689,825	1,696,862	56.2%	56.4%
2015	3,074,234	3,057,528	1,754,352	1,475,201	57.4%	48.3%
2014	3,093,318	3,074,739	1,494,570	1,458,898	48.6%	47.5%
2013	3,028,596	2,969,919	2,088,759	1,271,776	70.3%	42.8%
2012	2,868,744	2,872,160	1,795,788	2,367,774	62.5%	82.4%

U.S. Ocean Marine - Industry's DPW Decreased 3.0%

October 8, 2018

Top 77 U.S. Ocean Marine

Ranked by 2017 direct premiums written.

(\$ Thousands)

2017 Rank	2016 Rank	Company / Group	AMB#	2017 Direct Premiums Written	% Change In Premiums	Market Share (%)			Adjusted Loss Ratios			% of Company Premiums
						2017	2016	2015	2017	2016	2015	
1	1	Amer Intl Group	018540	\$503,204	-10.3	15.3	16.5	22.1	37.1	21.8	30.2	3.4
2	2	Chubb INA Group	018498	262,116	11.7	7.9	6.9	7.9	55.6	50.1	60.0	1.2
3	4	Berkshire Hathaway Ins	000811	253,025	15.7	7.7	6.4	5.3	96.7	69.8	56.6	0.7
4	3	Travelers Group	018674	238,618	4.6	7.2	6.7	6.5	51.2	40.3	37.3	1.0
5	6	Allianz of America Companies	018429	166,756	-5.7	5.1	5.2	5.8	50.2	64.6	80.3	4.2
6	5	Starr Intl Group	018756	162,615	-25.3	4.9	6.4	5.8	110.1	85.3	46.1	7.1
7	8	Navigators Ins Group	018081	162,127	-3.7	4.9	5.0	3.6	73.5	48.2	23.3	15.9
8	7	XL CatlinAmerica Group	018874	123,193	-30.0	3.7	5.2	4.1	128.9	67.9	75.3	2.8
9	9	Tokio Marine US PC Group	018733	122,182	-2.9	3.7	3.7	3.8	42.3	36.9	45.6	1.8
10	10	OneBeacon Ins Group	018458	120,762	2.8	3.7	3.5	3.3	52.2	44.5	51.4	9.9
11	11	CNA Ins Cos	018313	115,711	3.1	3.5	3.3	3.2	52.1	27.3	-13.3	1.1
12	12	Great Amer P & C Ins Grp	004835	107,108	3.5	3.3	3.0	2.6	77.0	34.7	35.9	1.8
13	14	Market Corp Group	018468	101,794	10.3	3.1	2.7	2.4	62.1	43.4	45.4	2.2
14	13	Amer Steamship Owners Mut P & I Assn	000161	85,589	-10.3	2.6	2.8	2.5	35.3	63.1	46.2	100.0
15	15	Liberty Mutual Ins Cos	000060	80,066	-1.6	2.4	2.4	2.3	61.7	45.7	45.9	0.2

16	17	Zurich Finl Svcs NA Group	018549	73,103	0.9	2.2	2.1	2.5	49.0	75.1	61.2	0.6
17	18	Sompo Hldgs US Group	018878	63,571	5.3	1.9	1.8	1.5	78.8	46.8	66.3	2.4
18	19	Farmers Ins Group	000032	50,861	4.6	1.5	1.4	1.2	98.4	80.4	68.3	0.3
19	16	Fairfax Financial (USA) Group	003116	50,019	-31.8	1.5	2.2	2.4	53.1	69.1	41.6	0.9
20	20	The Hanover Ins Grp Prop & Cas Cos	004861	40,610	-4.6	1.2	1.3	1.1	93.3	97.2	51.4	0.9
21	21	ProSight Specialty Group	000419	36,924	-3.5	1.1	1.1	1.5	37.6	87.0	38.4	4.7
22	22	Hartford Ins Group	000048	31,448	7.9	1.0	0.9	0.9	77.0	21.1	27.6	0.3
23	25	Swiss Reins Group	003262	30,163	32.4	0.9	0.7	0.3	144.7	48.0	37.0	1.6
24	24	RLI Group	003883	26,217	3.6	0.8	0.7	0.6	57.1	47.6	16.4	3.1
25	23	W. R. Berkley Ins Group	018252	25,994	-1.0	0.8	0.8	0.7	-91.2	152.6	105.9	0.5
26	28	HDI/Talanx US PC Group	018907	23,046	24.5	0.7	0.5	0.3	73.2	191.2	79.1	3.9
27	26	FM Global Group	018502	22,326	-1.9	0.7	0.7	0.6	-16.7	16.1	99.2	0.6
28	31	Enstar Ins Group	018802	20,128	21.0	0.6	0.5	0.1	89.9	59.1	171.4	5.0
29	33	Aspen US Ins Group	018783	19,774	44.2	0.6	0.4	0.3	231.0	58.5	90.3	1.8
30	32	Seven Seas Ins Co, Inc	011517	18,988	14.7	0.6	0.5	0.4	17.3	13.9	10.5	87.9
31	38	Argo Group	004019	18,648	135.7	0.6	0.2	0.0	45.7	47.9	45.0	1.3
32	29	AOS US Operations	018777	16,920	-0.5	0.5	0.5	0.5	36.5	31.7	-0.5	1.1
33	30	MS&AD US Ins Group	018782	16,202	-3.0	0.5	0.5	0.4	47.7	45.3	54.5	3.1
34	35	Samsung F & M Ins Co, Ltd USB	011021	14,897	25.4	0.5	0.4	0.5	40.4	27.7	30.6	40.7
35	37	AXA U.S. Group	018557	13,722	45.3	0.4	0.3	0.3	88.1	80.7	170.6	7.5
Top 25 Writers				\$3,033,766	-3.6	91.9	92.6	94.0	62.8	50.9	45.0	1.3
Top 50 Writers				\$3,288,918	-2.9	99.7	99.6	99.6	64.3	51.0	45.3	1.0
Top 77 Writers				\$3,299,480	-3.0	100.0	100.0	100.0	64.5	51.1	45.3	0.9
Total U.S. P/C Industry				\$3,299,481	-3.0	100.0	100.0	100.0	64.6	51.1	45.3	0.5

Note: Data for some companies in this report has been received from the NAIC.

Reflects Grand Total (Includes Canada and U.S. Territories).

Source:  - State/Line (P/C Lines)- P/C, US; Data as of: October 1, 2018

BR_2018_067



SNL Market Report - 2018

- \$3,132,934 Direct Written Premium (+5.8%)
 - 53 Companies reported
- \$3,082,822 Direct Earned Premium
- 59.7% Paid Loss Ratio
- 55.6% Incurred Loss Ratio
- Avg Expense Ratio 34.5% (AM Best)

=====

- **Combined Ratio – 94.2%**

Ocean Marine Return

- 60% Loss Ratio
- 35% Expense Ratio
- 95% Combined Ratio ~ 15% ROE estimate
- Specialty business needs to outperform P&C market
- 7 of top 10 markets did not meet this target (AM Best 2018)
- 5 of top 10 exceeded 100% CR

Primary US Marine Market Players

AIG	AGCS	Arch	Argo
Ascot	Aspen	Axiom	AXA / XL
Beazley	Berkley	Blades	Brit
Canopus	Charter Lakes	Chubb	CNA
Complement Marine	Eagle Ocean	Falvey	FM Global
G&M Marine	Great American	Gulf Coast Marine	Hanover
Hartford / Navigators	Harlock Murray	IMU OneBeacon/Intact	Continental UW's
Liberty Mutual	Markel	Mitsui	MUA
Maritime Program	Pioneer	ProSight	PURE
RLI	Safe Harbor	Safe Waters	Sentinel
Sompo	Starr	StarStone	Talisman
Tokio HCC	Travelers	Trident Marine	US Fire (C&F)
WQIS	Zurich		

Market Conditions Overview

Insurance Market

- Mergers & Acquisitions
 - AXA purchase of XL Catlin – complete
 - China Re purchase of Chaucer Syndicate - complete
 - Hartford purchase of Navigators – due to close today!
 - Apollo purchase of Aspen – soon to be completed
 - Canopus purchase of AmTrust – Target closing Q3
- Capacity continues to enter or expand in US Marine insurance market
 - Ascot US – expanded into Cargo, Liabilities, and Inland Marine
 - Beazley Syndicate
 - Corvus – Insurtech venture for cargo on Argo paper
 - AmWins – adds 2 marine MGAs with Argo paper
 - Specialty Logistic Underwriters & Sentinel Marine
 - Everest National
 - Munich Re Specialty Group

“State of Market”

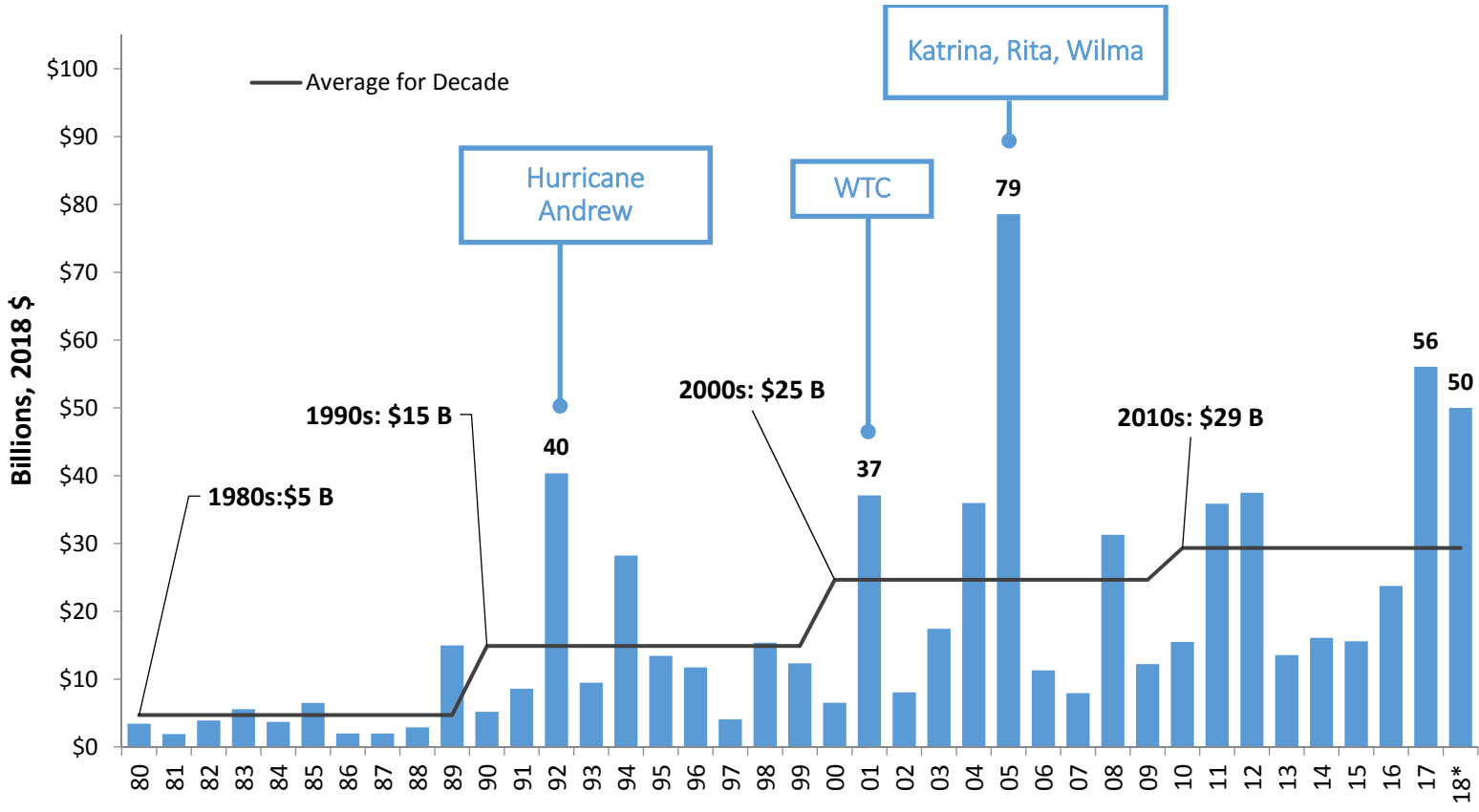
Quotes from Primary U.S. Market

- Competitive, largely unprofitable and underwriting approaches are inconsistent
- Hardening
- Re Cargo – “stabilizing... meaning rates and terms are starting to match level of risk”
- Cargo – hardening on larger capacity risks, especially auto and cat driven exposures. Hull & liability – some regions hardening a bit (gulf) others not. There is a noticeable shift to quality domestic admitted security and expertise.
- “Firming, with increases being achieved in some classes of business.”

Quotes from U.S. Marine Market cont'd

- Exhausting
- Chaotic, unpredictable and inconsistently problematic
- ...showing signs of increased discipline, with the most notable impact on higher value stock and retail cargo placements where London is the most distressed.
- Unprofitable and unsustainable.
- Firming, but lagging behind our property counterparts.

U.S. Inflation-Adjusted Cat Losses



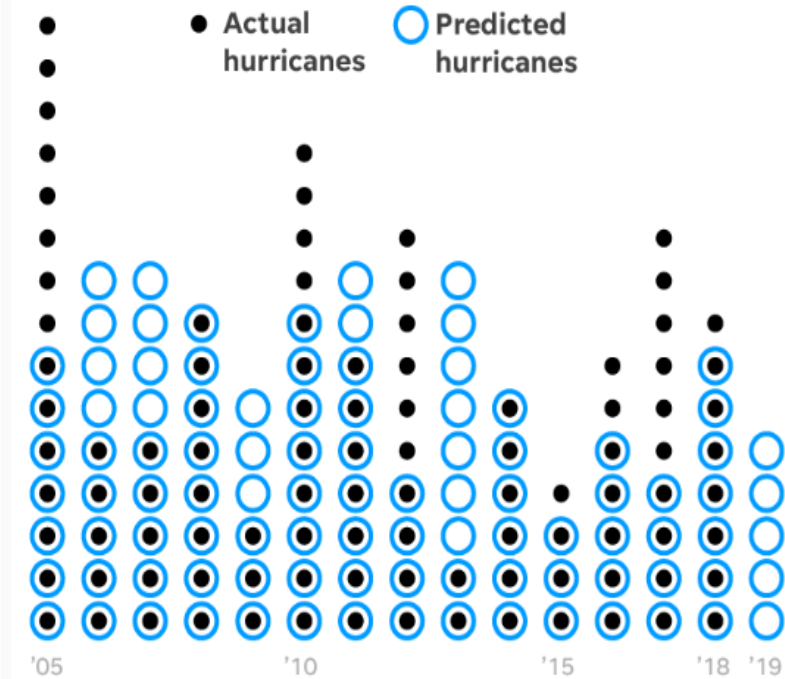
2018 – Third worst year for U.S. Insured Catastrophe Losses. Average Insured Loss per Year for 1980-2018 is \$18.1 B.

*2018: Estimate, subject to change. 2010s is average of 2010 to 2018.
 Sources: Property Claims Service, a Verisk Analytics business; Insurance Information Institute.

2019 Hurricane Forecast – Atlantic basin

Hurricane season predicted to be slightly below average

The 2019 Atlantic hurricane season is expected to have 13 named tropical storms, of which 5 will be hurricanes. A typical season sees 6 hurricanes.



SOURCE Colorado State University
Doyle Rice and Janet Loehrke/USA TODAY

Hurricane Florence - 2019



Lloyd's Market Overview

- Ongoing signs of meaningful shifts in the London market
 - Lloyd's Marine posted 122.4% combined ratio for 2017; overall Lloyd's combined was 114%
 - Lloyd's placed seven lines of business and underperforming syndicates under review (including Hull, Cargo and Yacht) in 2018 – Decile 10
- Major impact on market, many Syndicates discontinued Marine LOBs (see table below); reduced stamp capacity further affects pricing

Cargo	Yacht	Hull	Liability
Acappella Advent AmTrust Barbican Channel Sirius Skuld Standard	Argo Brit Sirius Skuld Channel Markel	Advent AmTrust Aspen Barbican Channel CNA Hardy Sirius Skuld Standard	Advent AmTrust Skuld Standard

LLOYD'S 2018 RESULTS

- Aggregated market loss of £1.0bn (2017: Loss £2.0bn)
 - Marine loss (£343m)
- Gross written premiums of £35.5bn (2017: £33.6bn)
- Net incurred claims of £16.4bn (2017: £18.3bn)
- Net investment return of £0.5bn (2017: £1.8bn)
- Combined ratio of 104.5% (2017: 114.0%)
 - Marine combined ratio 116.0%
- £2.9bn natural catastrophes, including hurricanes Florence and Michael, Typhoon Jebi in Japan, as well as the Californian wildfires.
- 3.2% price change

LLOYD'S 2018 RESULTS

Underwriting result by LOB

- Reinsurance (£456m)
- Property (£700m)
- Casualty (£183m)
- Energy £113m
- Motor £12m
- Aviation (£49m)
- Life £16m

Combined ratio by LOB

Reinsurance 106.0%

Property 110.4%

Casualty 102.9%

Energy 87.4%

Motor 98.7%

Aviation 112.0%

Life 77.8%

2017 Lloyd's Financials

Marine **122.4%** Comb Ratio!

Result before tax
(£2.0bn)

Underwriting loss
(£3.4bn)

Combined ratio
114.0%

Investment return
2.7%

Net resources
£27.6bn

Gross written
premium
£33.6bn

LLOYD'S LOB / BY REGION

US and Canada - 51% ~ \$18B

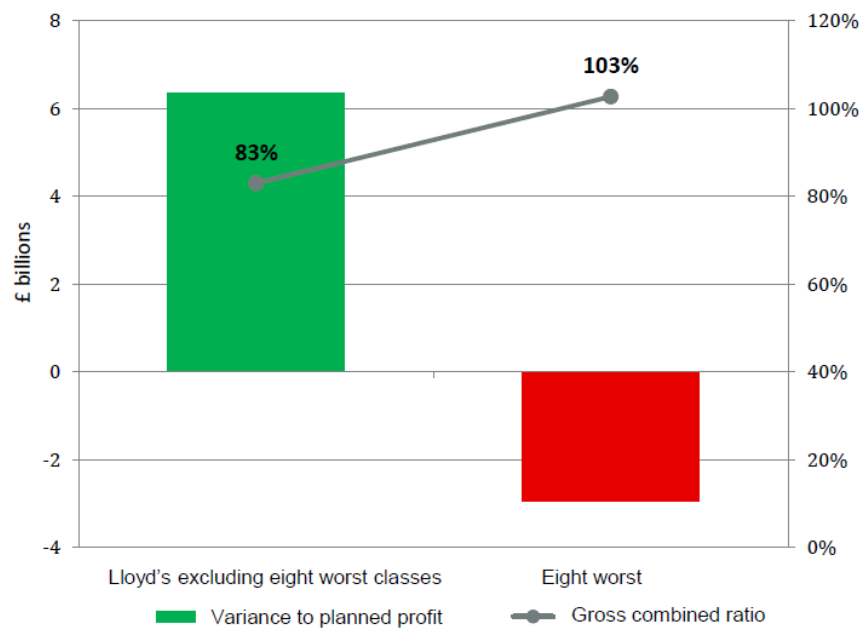
- 22% Reinsurance
- 36% Property
- 28% Casualty
- 6% Marine ~ \$1.1B
- 5% Energy
- 2% Motor
- 1% Aviation

Global total:

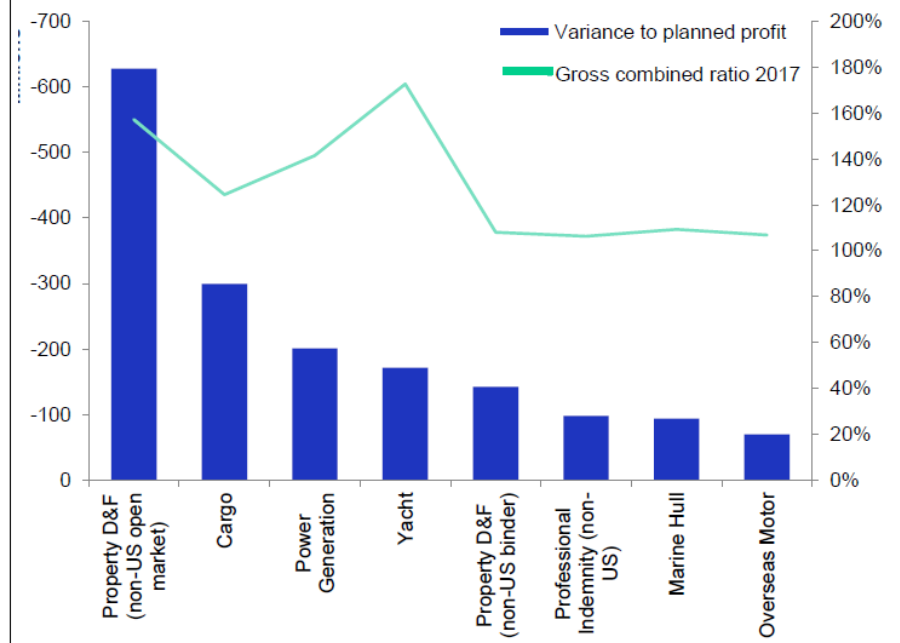
- 31% Reinsurance
- 27% Property
- 26% Casualty
- 7% Marine ~ \$2.6B
- 4% Energy
- 3% Motor
- 2% Aviation

2018 / 2019 Portfolio Review

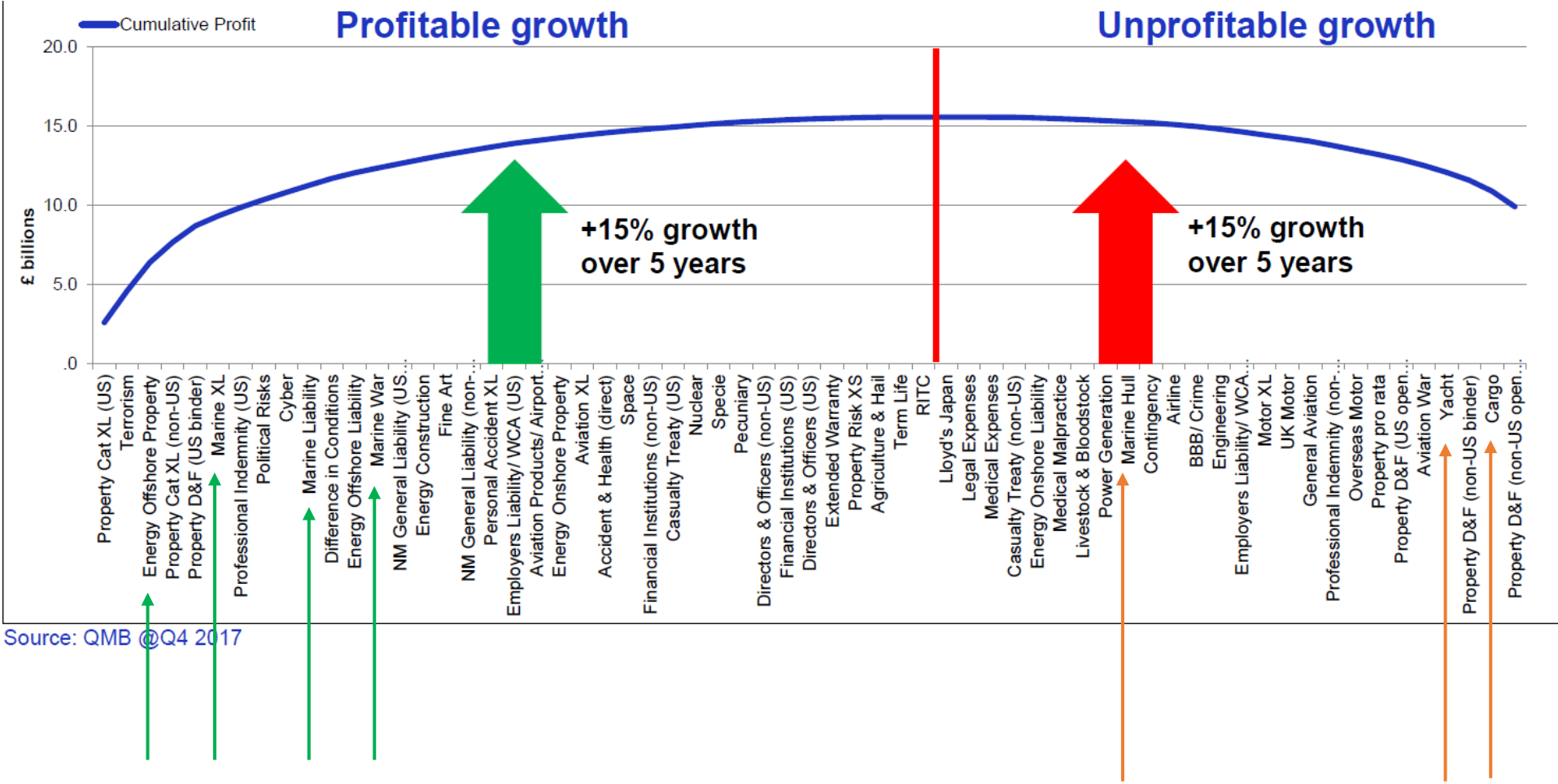
Gross combined ratio and variance to planned profit for 2012-2016



Gross combined ratio and variance to planned profit for 2017

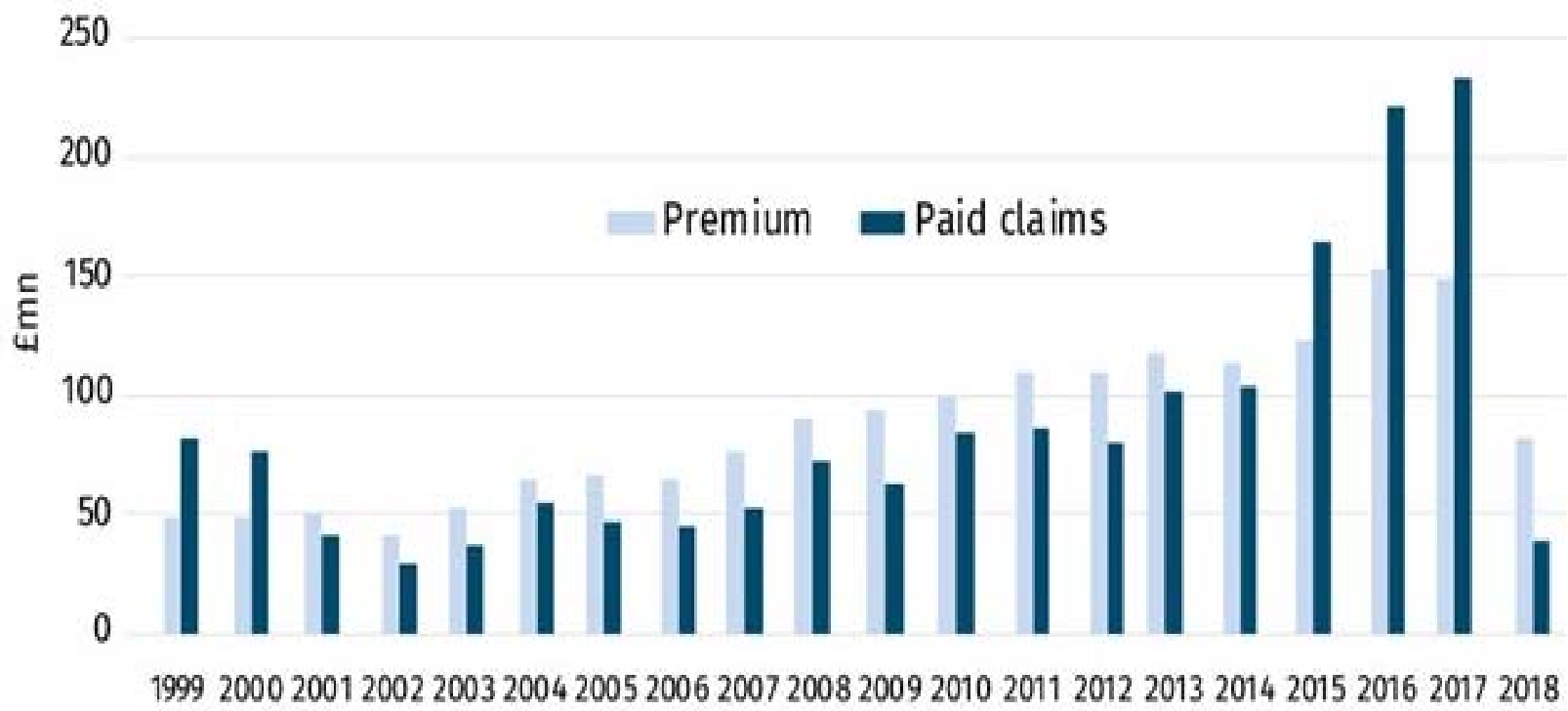


Portfolio Management



Source: QMB @Q4 2017

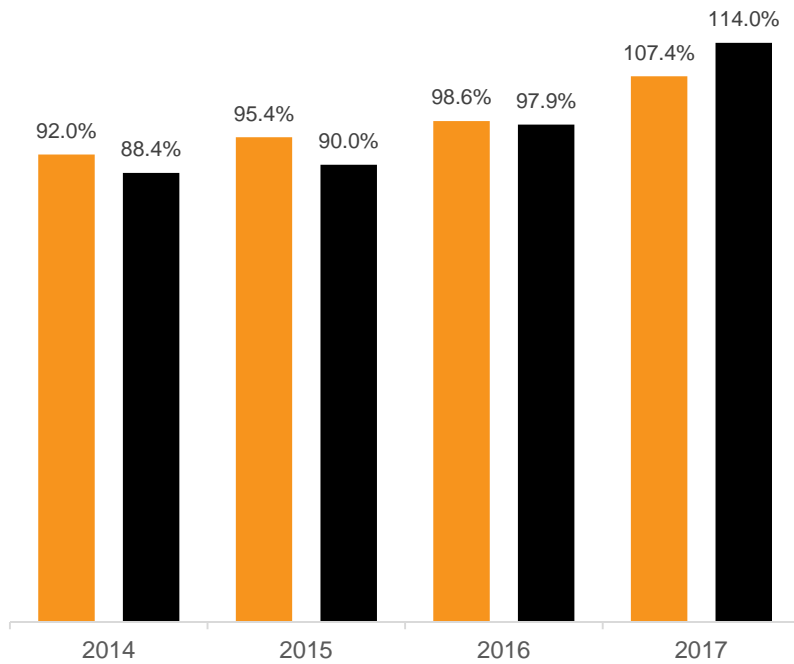
Lloyd's yacht market premium and claims



Performance

Lloyd's vs. peers – admin and expense costs

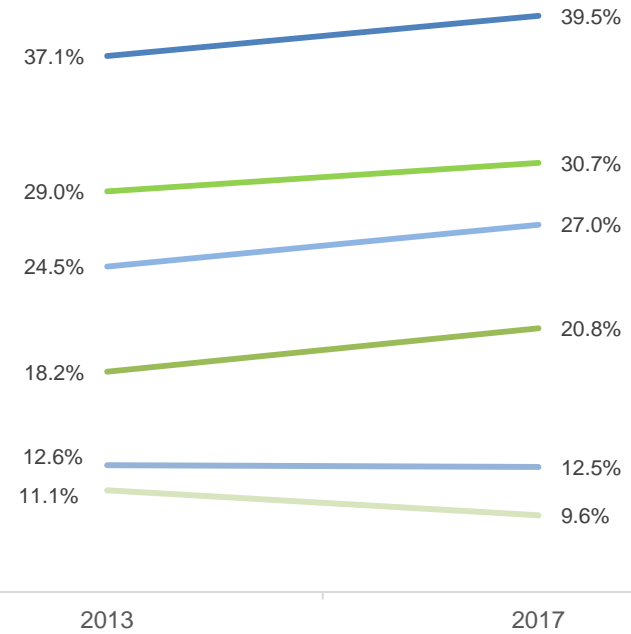
Lloyd's vs competitor group
Combined operating ratio



Competitor Group ■ Lloyd's

Source: Competitor financial statements and Lloyd's market results, 31 December 2017. Competitor group: AIG, Allianz, Arch, Chubb, CNA Corp, Everest Re, Hannover Re, Munich Re, Partner Re, SCOR, Swiss Re, XL Catlin and Zurich

Lloyd's overall net expense ratio remains
c. 9pts higher than that of its peers



— Lloyd's expense ratio — Peer expense ratio
— Lloyd's acquisition ratio — Peer acquisition ratio
— Lloyd's admin ratio — Peer admin ratio

LLOYD'S

- Bruce Carnegie-Brown
Chairman
- John Neal, CEO (October 2018)

“Lloyd’s has lived up to its centuries old promise and purpose – to be there when it matters most, providing the financial support to enable businesses, governments and most importantly people, to recover and rebuild their lives as quickly as possible.”

What Did This Used To Be?!



September 2018 – Lurssen Fire Euro 600M Builder's Risk Loss



Who can name this casualty?



How about this one?



A More Recent One - Maersk Honam



March 6, 2018 – A 15,226 teu ship. The MV Maersk Honam caught fire after an explosion, while transiting the Arabian Sea bound for the Suez Canal from it's last port of Singapore. Five seafarers died.

Notable Containership Ship Fires

MSC Daniela – 4 April 2017 – 13,800 teu

Hansa Brandenburg – 19 July 2013 – 1,740 teu

Eugen Maersk – 13 June 2013 – 11,000 teu

MSC Flaminia – 14 July 2012 – 6,750 teu

Hyundai Fortune – 21 March 2006 – 5,551 teu

Hanjin Pennsylvania – 11 Oct. 2002 – 4,389 teu

Sea Witch – 2 June 1973 – 928 teu

Vessel fires since January 2019

Grimaldi Grande America – Italian flagged



- Sincerity Ace
- Yantian Express
- APL Vancouver
- ER Kobe
- Grande America
 - 2,000 new Audis
 - 37 Porsche including four 911 GT2RS @ \$300K
 - Other cargo
 - No loss of life

Consequences are Getting Bigger

Safety and Shipping Review 2018

50 YEARS OF CONTAINER SHIP GROWTH

Container-carrying capacity has increased by almost 1,500% since 1968



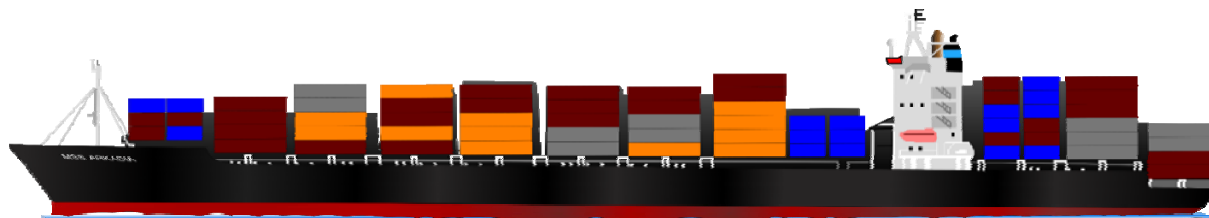
Approximate ship capacity data: Container-transportation.com; AGCS

Source: Allianz Global Corporate & Specialty (AGCS)

CINS Members Working with NCB



In addition to Maersk, Hamburg Sud, CMA-CGM and Hapag Lloyd have taken part in the initiative.



NCB Container Inspection Safety Initiative

In the aftermath of a containership fire the root cause is sometimes very difficult to determine.

Sometimes declared cargo is suspected and other times it is assumed that the cargo was mis-declared.

The Container Inspection Safety Initiative is an industry effort to reveal the level of dangers that exist on every voyage, through the detection of mis-declared and insufficiently secured dangerous cargoes.

More info to follow, including presentation at IUMI Conference in Toronto.

AIMU EDUCATION



American Institute of Marine Underwriters

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AIMU Education

- ◆ Education Schedule
- ◆ AMIM 121 Program - On Demand
- ◆ Webinars On Demand
- ◆ E-Learning - On Demand
- ◆ Learning Opportunities by Topic
- ◆ COMI Application
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Only employees of AIMU Member Companies can be added to the email list. Any questions, contact

AIMU EDUCATION SCHEDULE

AIMU is committed to providing exceptional learning opportunities that enable individuals to prepare and develop as marine insurance professionals. Most education opportunities are offered with both onsite and remote attendance options. If you select the remote (distance learning) option, you will be provided a link to an (Adobe Connect) video conference. Explore the four categories of options including Education Calendar, AMIM Program; On-Demand, and E-Learning. If there are questions, please contact AIMU Education/Training Specialist, Eileen Monreale, CPCU, AMIM at emonreale@aimu.org

Certificate of Ocean Marine Insurance (COMI) was designed by the **American Institute of Marine Underwriters** Education Committee to allow marine professionals to demonstrate a level of expertise and ensure a level of credentials as well as dedication to professional development. [Read more...](#)

[Lunch and Learn: Freight Forwarder's Liability and Shipper's Interest Programs](#)
Wednesday May 29, 12:00 PM - 2:00 PM

[Lunch and Learn: A History of Marine Insurance in the United States](#)
Tuesday June 11, 12:00 PM - 2:00 PM

[Introduction to Bumbershoot and Excess Liabilities](#)
Wednesday June 19, 10:00 AM - 5:00 PM

[AIMU Marine Insurance Day Seminar \(registration coming soon\)](#)
Friday October 4, 8:00 AM - 3:00 PM

[Complete list of courses offered by AIMU](#)

★ Calendar of Events

[View Full Calendar](#)

- Fri, May 17th, 2019
[National Maritime Day Memorial Service & Luncheon](#)
- Wed, May 22nd, 2019
[CBMU Spring Conference](#)
- Wed, May 29th, 2019
[Lunch and Learn: Freight Forwarder's Liability and Shipper's Interest Programs](#)
- Tue, Jun 4th, 2019
[65th Annual MICA Golf Outing](#)
- Tue, Jun 11th, 2019
[Lunch and Learn: A History of Marine Insurance in the United States](#)
- Thu, Jun 13th, 2019
[COMI 40th Annual Golf Outing at White Pines Golf Club](#)
- Wed, Jun 19th, 2019
[Introduction to Bumbershoot and Excess Liabilities](#)
- Fri, Jun 21st, 2019

Rate Change vs Claim Inflation

- **AIMU YOUTUBE CHANNEL**
- <https://youtu.be/swFffboTmsk>.

We posted our first “Short Take” video on the “*Relationship between Loss Inflation Rate Changes and Profitability*”. If an underwriter says, “Wait, I am getting rate but you’re telling me that the loss ratio could be expected to look worse?” The answer is, “Yes!” View this 2-minutes video to understand why. Thank you to Steve Finkelstein, 2VP & Actuary, Ocean Marine, Travelers, also Chair of AIMU’s Facts and Figures Committee, for volunteering his time and expertise in recording this short, informative and entertaining video starring “Stick”.

IUMI Education Program

- 2014/15: Education identified as major objective for IUMI
- Membership survey to identify needs:
 - ✓ Webinars
 - ✓ Online tutorials
 - ✓ In-class instruction
 - ✓ National education
 - ✓ IUMI database
- 2016: Education Forum established



Cargo online tutorial

- First IUMI Online Tutorial: launched 8/2018
- 11 modules covering all aspects of cargo insurance
- Registration open to all interested students (not only marine insurers)
- 60-80 hours to work through all modules









Cargo online tutorial

- Suitable for intermediate level underwriters and beginners
- Interactive content, videos, quizzes
- Optional exam → IUMI Certificate
- 550 EUR = IUMI members
- 880 EUR = non members








Cargo online tutorial

Module 1-6

 <p>Cargo 1 - International trade 101</p> <p>34 pages.</p> <div><div style="width: 5%; height: 10px; background-color: red;"></div></div> <p>launch details</p>	 <p>Cargo 2 - Coverage for Particular Average and Sue and labour</p> <p>42 pages.</p> <div><div style="width: 5%; height: 10px; background-color: red;"></div></div> <p>launch details</p>	 <p>Cargo 3 - General Average and Salvage</p> <p>84 pages. Not started.</p> <p>launch details</p>
 <p>Cargo 4 - Exclusions</p> <p>26 pages.</p> <div><div style="width: 20%; height: 10px; background-color: teal;"></div></div> <p>launch details</p>	 <p>Cargo 5 - War and Strikes</p> <p>34 pages.</p> <div><div style="width: 10%; height: 10px; background-color: yellow;"></div></div> <p>launch details</p>	 <p>Cargo 6 - Duration provisions</p> <p>30 pages. Not started.</p> <p>launch details</p>

Cargo online tutorial

Module 7-11

 <h3>Cargo 7 - Claims</h3> <p>33 pages. Not started.</p> <p>launch details</p>	 <h3>Cargo 8 - Stock Throughput</h3> <p>28 pages.</p> <p>launch details</p>	 <h3>Cargo 9 - Project cargo</h3> <p>33 pages.</p> <p>launch details</p>
 <h3>Cargo 10 - Additional clauses</h3> <p>23 pages. Not started.</p> <p>launch details</p>	 <h3>Cargo 11 - Trade clauses</h3> <p>31 pages. Not started.</p> <p>launch details</p>	

Hull online tutorial

Launched 4/2019

- Suitable for intermediate level underwriters & beginners
- 13 interactive modules
- 650 EUR = IUMI members
- 1,040 EUR = non members
- 70-80 hours to complete the content
- Also suitable maritime lawyers, surveyors, marine professionals



Hull online tutorial

1. Ships 101
2. Cover for PA including sue and labour
3. Collisions
4. GA and salvage
5. Exclusions
6. War and strikes
7. Operational considerations
8. Claims
9. Additional insurances
10. Additional clauses
11. Loss of hire
12. Mortgagees' interest
13. Builders' risks

➤ [Optional exam to earn IUMI Hull Tutorial Certificate](#)

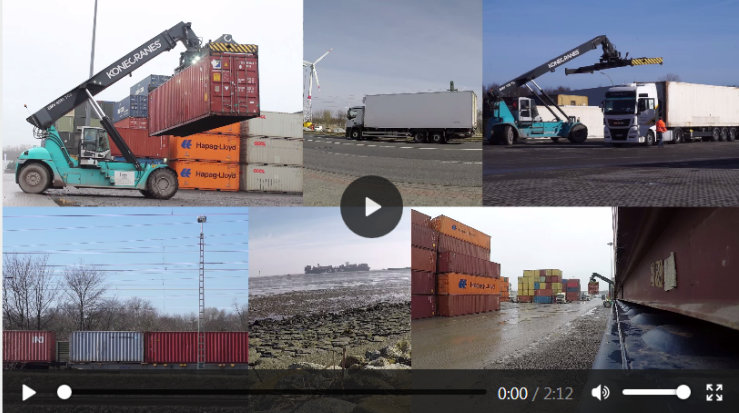


Online tutorial:

Humidity management in containers

- **Free** online learning program
- Interactive tool with videos, infographics, quizzes
- 3-4 hours to work through the content
- Contains excellent glossary
- Kindly developed and provided to IUMI by GDV

MOISTURE WHEN TRANSPORTING GOODS,
AS EXEMPLIFIED BY CONTAINERS



0:00 / 2:12

Unassisted learning Guided learning Glossary

Webinars

- Over 30 webinars held since June 2016
- Wide range of topics
- Participants from over 50 countries
- **Free of charge to all interested parties**



Webinars

Webinar recordings & slides available on www.iumi.com



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Effective export packaging

Effective export packaging is a crucial component to ensure that cargo arrives at its destination intact and without any damage. To pack products appropriately for their transport, several factors need to be taken into consideration:

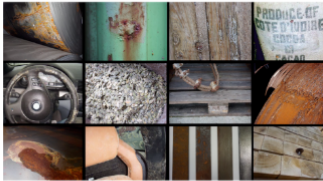
[Read more >](#)



Humidity management during the transport of goods in containers

In this webinar Captain Uwe-Peter Schieder, Loss Prevention Manager at GDV (German Insurance Association) discusses effective ways to manage humidity during the transport of goods in containers to prevent loss and damage of cargo.


[Read more >](#)



Getting ready for the future: Update on regulatory developments for Maritime Autonomous Surface Ships (MASS)

The IMO's Maritime Safety Committee met for its 100th session in December 2018. On this occasion the Committee was looking at a hotly debated topic: The future regulatory framework for Maritime Autonomous Surface Ships (MASS).

[Read more >](#)



IUMI CONTACT DETAILS

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IUMI
International Union
of Marine Insurance e.V.
Große Elbstraße 36
D-22767 Hamburg
phone: +49 - (0)40 - 2000 747 - 0
www.iumi.com

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**John A. Miklus
President**

American Institute of Marine Underwriters (AIMU)

14 Wall Street, Suite 820
New York, NY 10005

Email: jmiklus@aimu.org

Office: 212-233-0550 | Mobile: 646-599-1479 | Fax: 212-227-5102

www.aimu.org



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