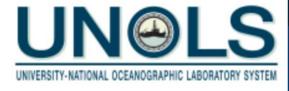
Insurance and Compliance Issues

Jonathan Gutoff,* UNOLS Risk Manager

*Professor
Roger Williams University School of Law
Bristol, RI, United States
jgutoff@rwu.edu

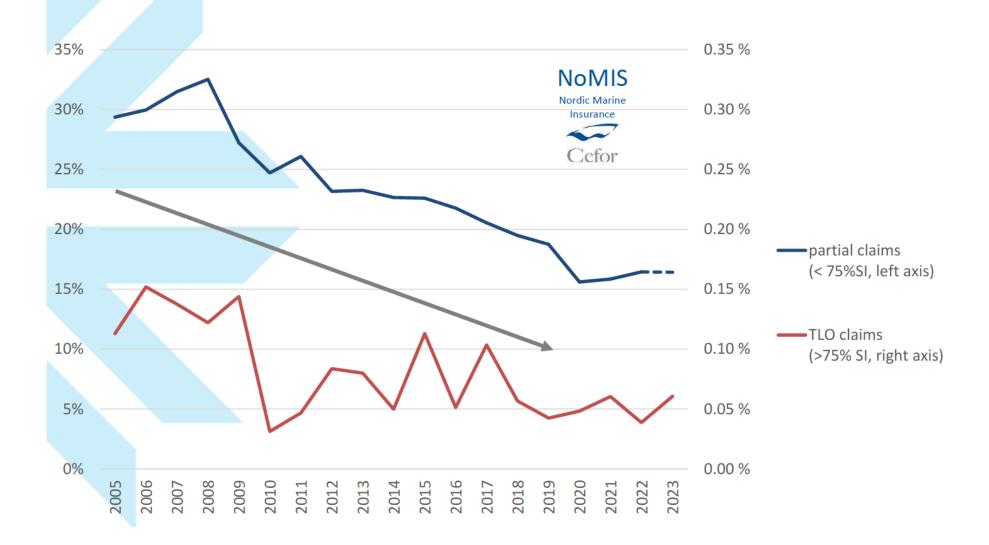


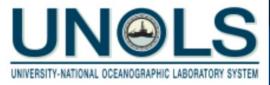
Current Trends in Premiums

- London first market to begin hardening on existing accounts due to years of overcapacity and reductions in premium rates.
- Australia premiums are decreasing due to competition, economic conditions and falling commodity prices. Insurers are moving towards technical rating as a means to increase premiums.
- USA still providing rate reductions and relatively easy to obtain good results.
- Singapore London influenced insurers are already tightening, however locally backed insurers remain competitive.
- Looking forward we're still unsure if the hardening London market will directly or indirectly impact all markets, however there is still an abundance of global capacity available



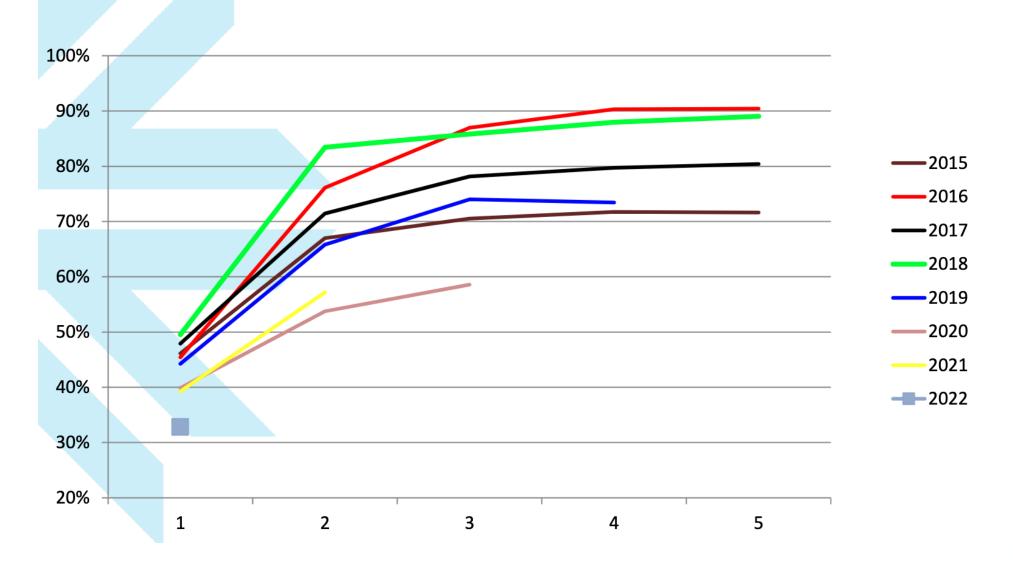
Hull claims frequency: Post-pandemic increase but still moderate

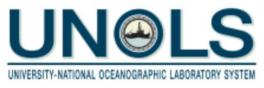




Hull – Loss ratios* Europe**

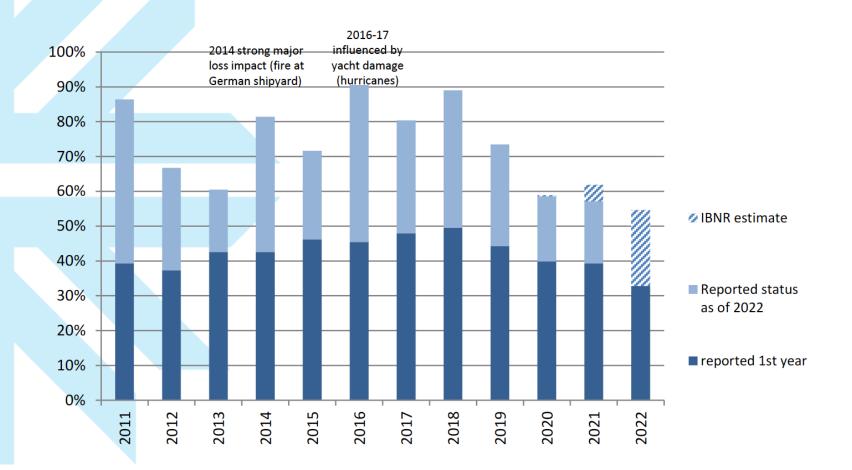
Underwriting years 2011-22 as reported at 1,2,3,4,5 years Gross premiums, paid + outstanding claims

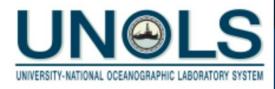




Hull – Ultimate loss ratios* – Europe**

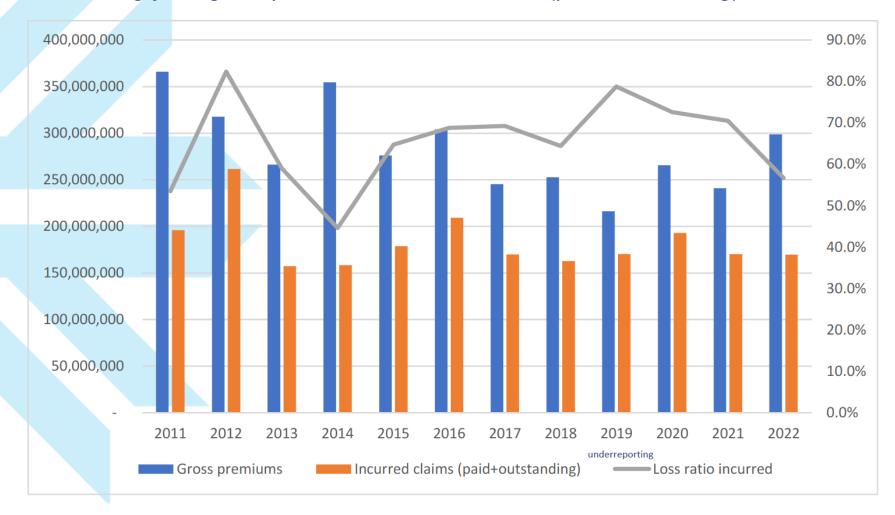
Underwriting years 2011-22, gross premiums, paid+outstanding claims (USD)

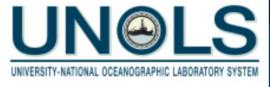




Hull* – Loss ratios US

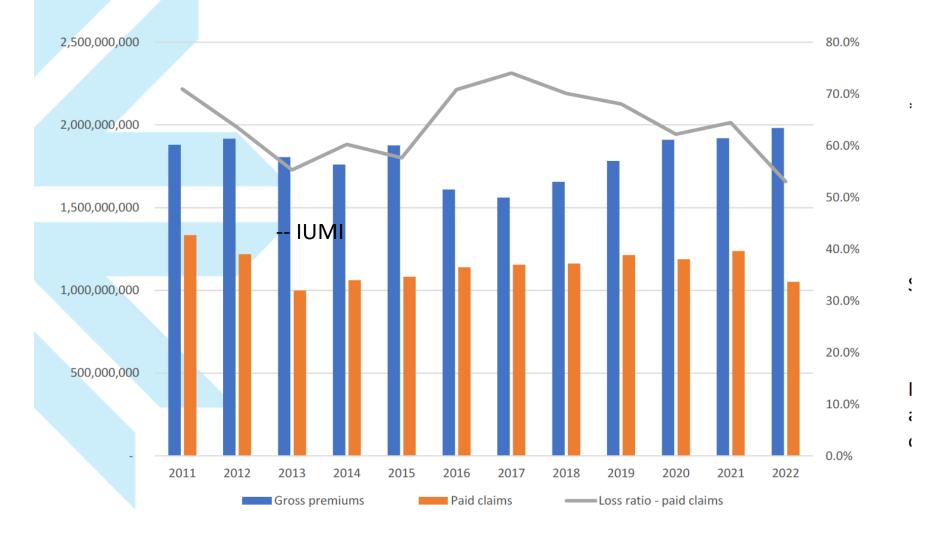
Accounting year, gross premiums, incurred claims (paid+outstanding)

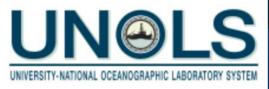




Hull – Loss ratios Asia*

Accounting year, gross premiums, paid claims



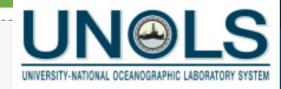


Current Issues of Uncertain Risk

Cyber

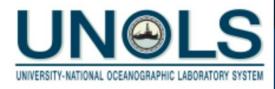
War

Lithium-Ion Batteries (on UUVs and elsewhere)



Cyber Theats

- Trend separating it from Hull & Machinery Insurance Continues.
- Cyber preparedness could be an issue in the warranty of seaworthiness for charter parties and Hull and Machinery insurances.
 - Insurers could deny coverage.
 - Charterers could claim damages.



War & Piracy

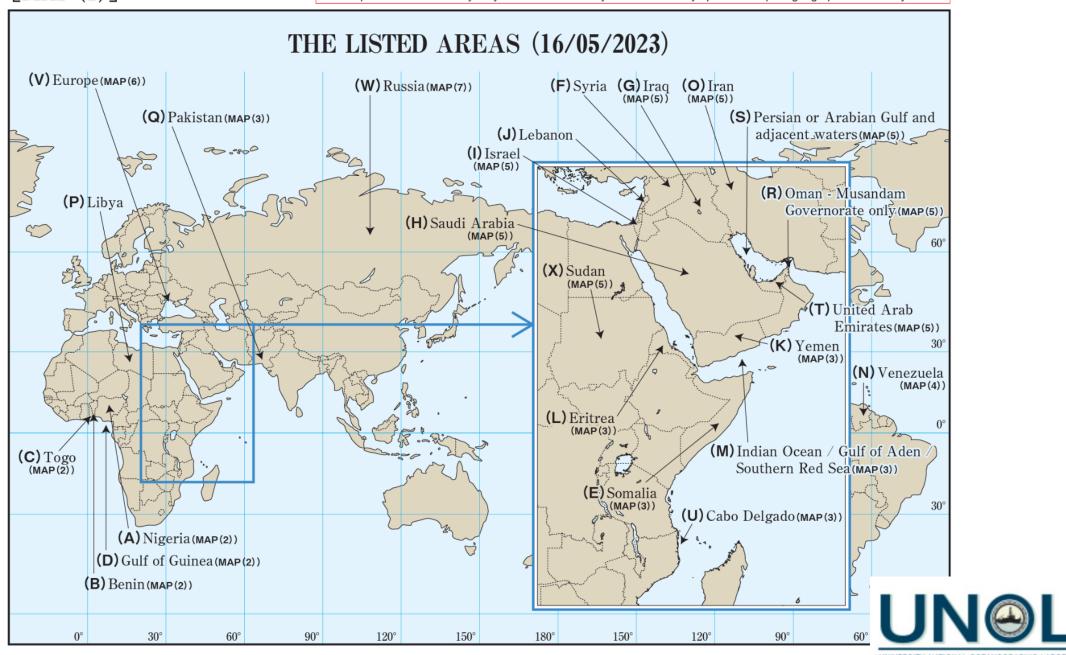
No new additions to excluded areas.

Lloyd's Joint War Committee hasn't met since the escalation of fighting on the borders of Israel.

Some risk of free-floating mines in the Black Sea.

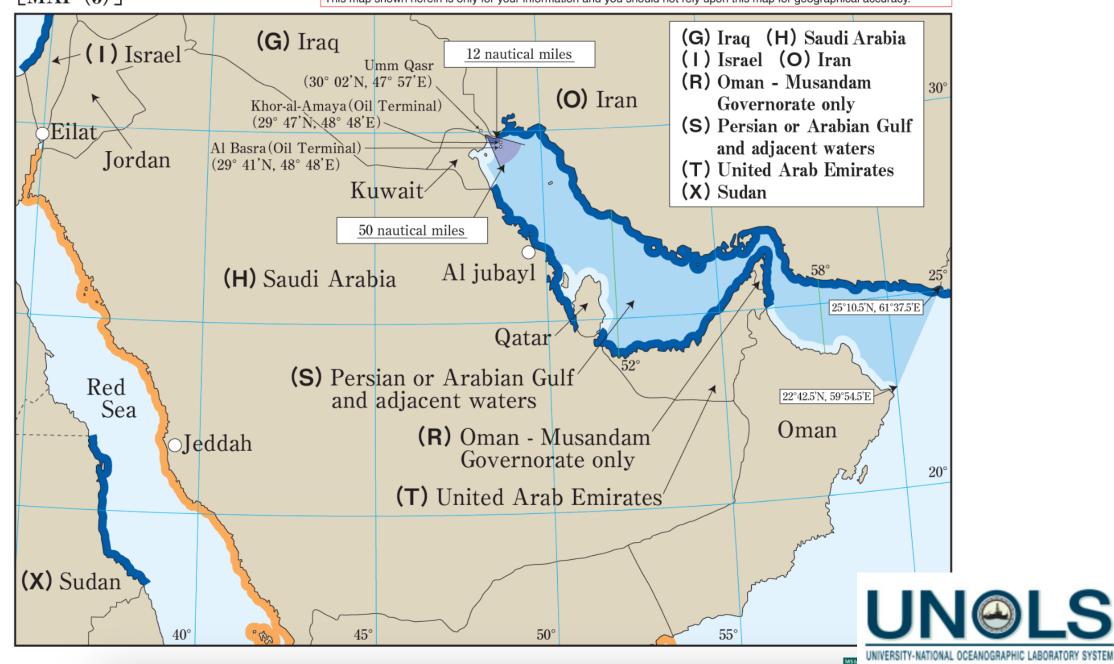
Vessel owners have removed high risk area in Indian Ocean, but maintained by

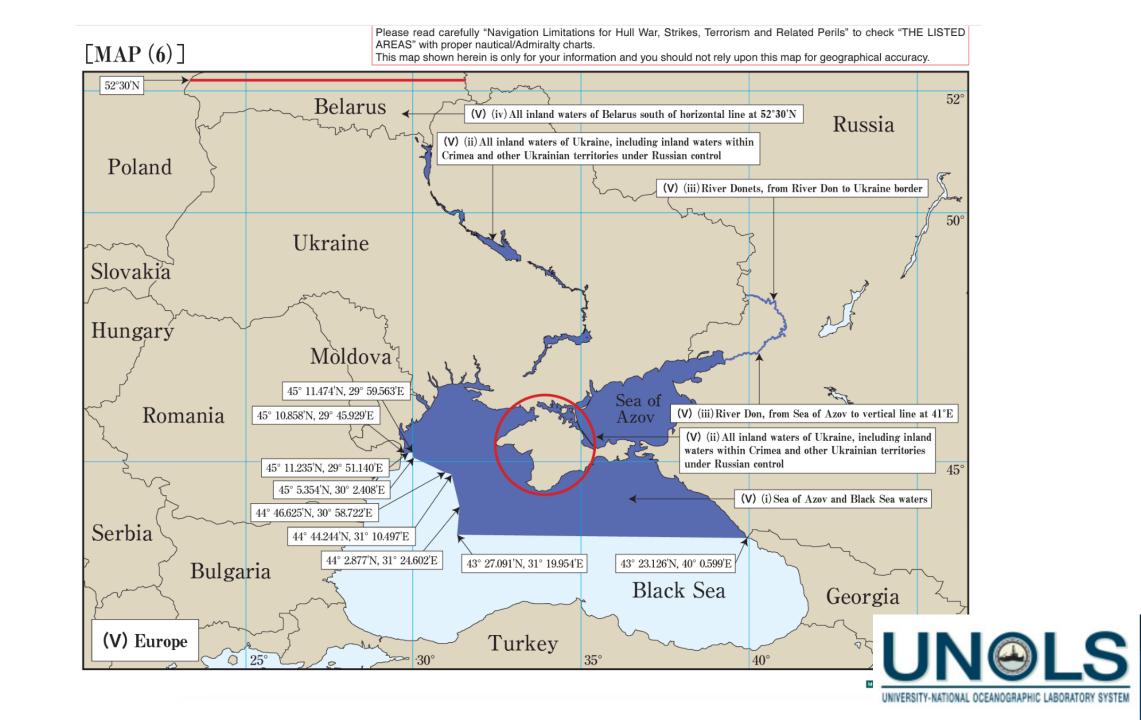




Please read carefully "Navigation Limitations for Hull War, Strikes, Terrorism and Related Perils" to check "THE LISTED AREAS" with proper nautical/Admiralty charts.

This map shown herein is only for your information and you should not rely upon this map for geographical accuracy.

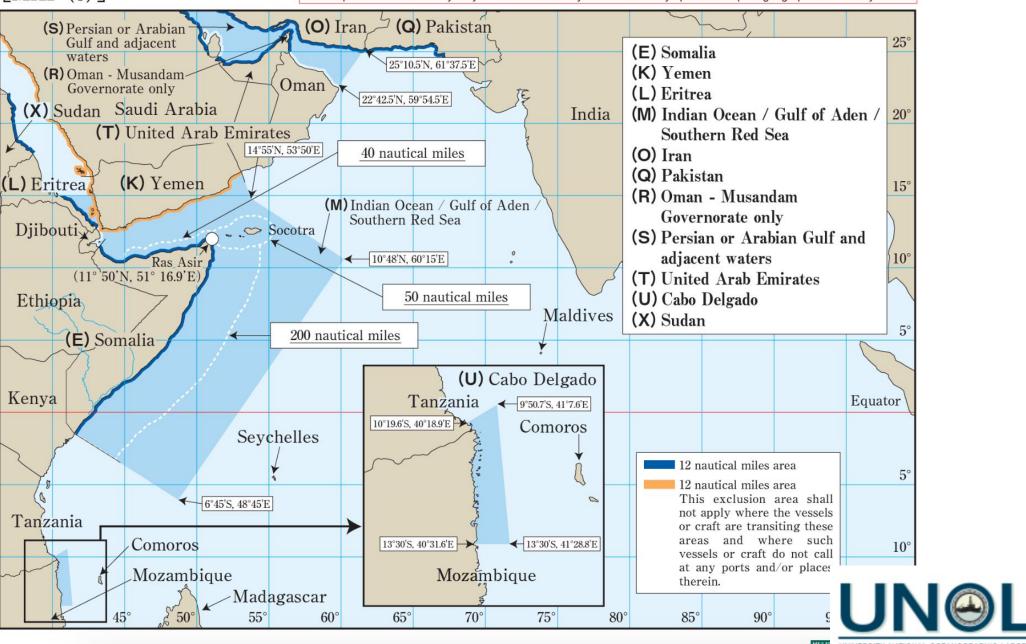




[MAP(3)]

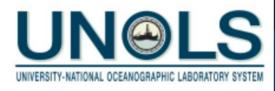
Please read carefully "Navigation Limitations for Hull War, Strikes, Terrorism and Related Perils" to check "THE LISTED AREAS" with proper nautical/Admiralty charts.

This map shown herein is only for your information and you should not rely upon this map for geographical accuracy.



Lithium-Ion Batteries

- Concern about fires.
- Possibility of separating from Hull & Machinery Insurance
- Importance of establishing/adopting appropriate protocols to make sure a vessel is seaworthy.
 - Insurers
 - Charterers
 - Members of the crew and science party.



Lithium-Ion Batteries: All Sizes





An e-Cigarette