



WEBINAR: Superyacht rules update & new calculation tool

DNV GL - Maritime

The webinar presenters – from DNV GL - Maritime



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AGENDA

- Superyacht business overview
- DNV GL rules - updates and future steps
- DNV GL calculation tool for superyachts **NEW**
- Q&A session

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Update on statutory requirements for superyachts

- **EU Ship Recycling Regulation and Inventory of Hazardous Materials (IHM)**

- Applicable to all vessels ≥ 500 GT calling at an EU port or anchorage since 31 December 2020

- **ISM to include cyber security**

- Verification deadline: 1st annual DOC audit after 01 January 2021

- **IMO MEPC 75 (EEXI, Enhanced SEEMP and CII)**

- Applicable to all vessels above specific size thresholds by 1 January 2023 / 1st annual survey after 1 January 2023
- Pending adoption by IMO MEPC 76 in June 2021

- **National yacht codes**

- Red Ensign Group (REG): Corrigenda No.2 to the REG Yacht Code
- Marshall Islands: Update of the RMI Yacht Code (MI-103)
- Malta: Malta Commercial Yacht Code 2020 & Draft Malta Passenger Yacht Code 2020
- Bahamas: Bahamas Large Charter Yacht Code (BLYC) & Bahamas Passenger Yacht Code (BPYC)

DNV GL training courses for the superyacht industry

- **DNV GL Maritime Academy**
www.dnvgl.com/maritime-academy

- Dedicated training courses for the yacht industry **(new)**

Course (Live Virtual Classroom)	Date
Introduction to the Systematics of Maritime Regulations for Yachts and Superyachts (approx. 14 hours)	18-19 February 2021
Understanding STCW for Yachts and Superyachts (approx. 7 hours)	25-26 February 2021
Understanding ISM for Yachts and Superyachts (approx. 7 hours)	08-09 March 2021
Internal Auditor ISM-ISPS-MLC for Yachts and Superyachts (approx. 14 hours)	24-26 March 2021
Training Superintendent for Yachts and Superyachts (approx. 14 hours)	05-07 May 2021

- For more info or application:
academy.italy@dnvgl.com / academy.americas@dnvgl.com

Maritime Academy

Courses and qualifications based on your individual needs

DNV GL's Maritime Academy provides one of the broadest portfolios of training courses for the maritime industry. With our global network we are able to exploit best practices and offer you a comprehensive training programme.

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Opportunity and incentive – why

- Lack of scope differentiation in relation of the yacht's sizes, especially for systems & components
- FiS requirements are too merchant ship related

Scope of work – what

- Developing a class notation for systems & components (machinery) in relation to yacht type, yacht size and operational area
- Improving approval and survey requirements with respect to the scope of yacht specific topics

Safety/value delivered/market benefit – impact

- Further fine tuning of requirements for yachts for better usage
- A better fit/ coverage for small & non-commercial yachts (differentiation in the class notation)
- Improved transparent and efficient design approach with a yacht specific survey scope.

Superyacht Rules update

New features

New class notation for system & components

Class notation	Qualifier	Purpose	Application
MC Mandatory: Yes Design requirements: Pt.6 Ch.2 FIS survey requirements: NA	<None>	Assigned to yachts that complies with Pt.4	Mandatory for ship type Motor and Sail
	1	Reduced machinery compliance documentation level for yachts.	Only one qualifier may be applied for yachts: — < 500 GT — ≥500 GT if not required to comply with a recognised standard prescribed by the flag administration (e.g. private yachts)
	2		Only one qualifier may be applied for yachts: — < 500 GT — ≥500 GT if not required to comply with a recognised standard prescribed by the flag administration (e.g. private yachts) and — for motor yachts with two propulsion plants — for sailing yachts with one propulsion plant



Source:
www.superyachtgigest.com



Source:
www.superyachtimes.com



Source:
www.charterworld.com

“Refreshing” our systems and component’s part

- Framework established
 - for a better overview
 - to be ready for future revisions
- More independent from DNV GL Ship Rules

Survey requirements aligned to be more yacht specific

- Implementing “Remote Inspection Techniques (RIT)”
- Better coverage for yachts below 500 GT and less 12 passengers (e.g. annual survey)
- Clarification for in-water surveys
- Several editorial updates

Future revisions

- Glazing structure/ windows
- Service Documents:
 - Guideline: Overview of our class notation MC, MC(1) & MC(2)



Your feedback is highly appreciated!

AGENDA

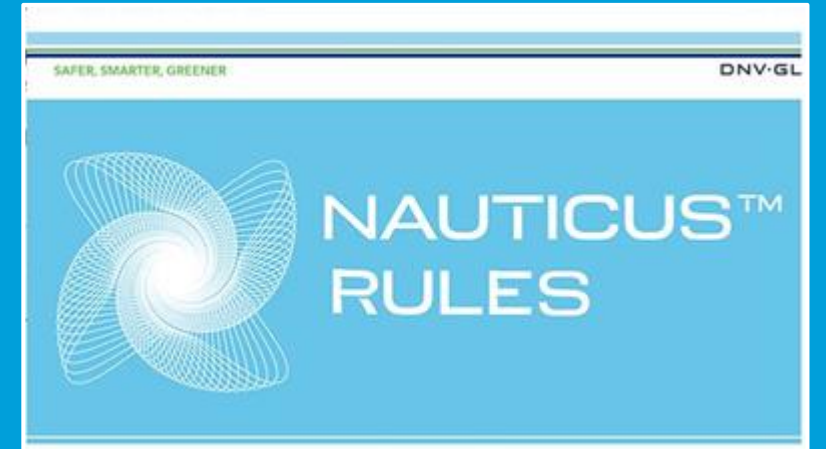
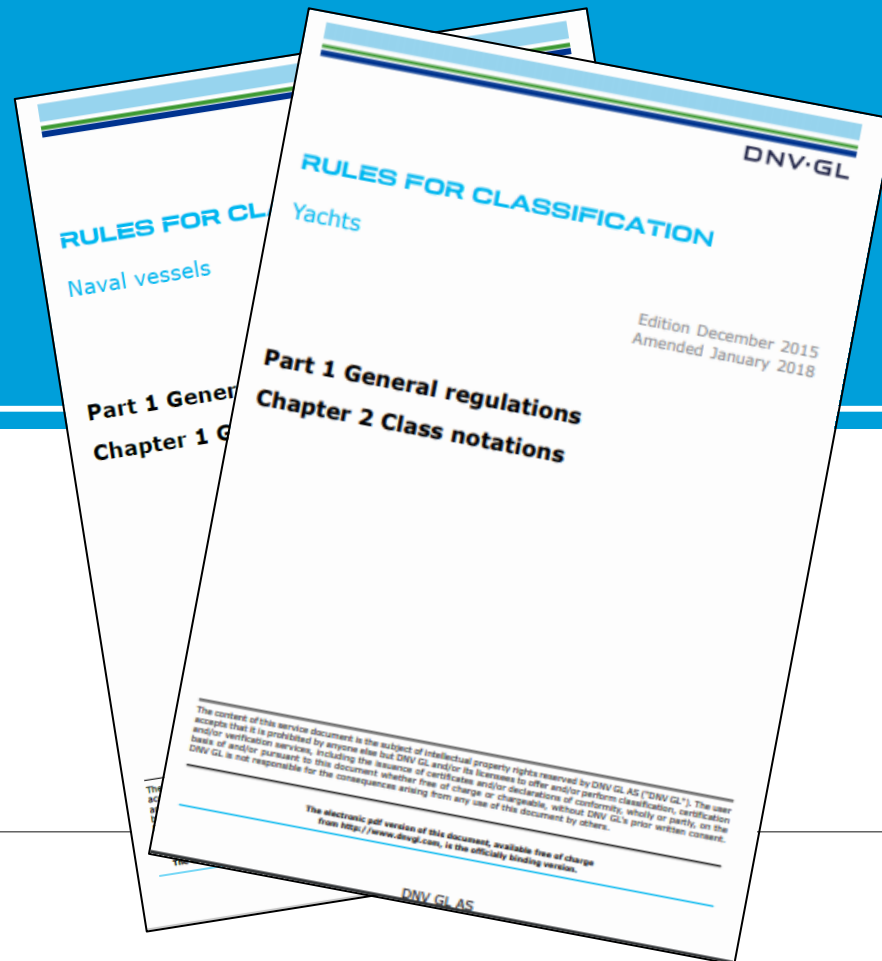
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MARITIME

Nauticus Rules

Basic rule calculator

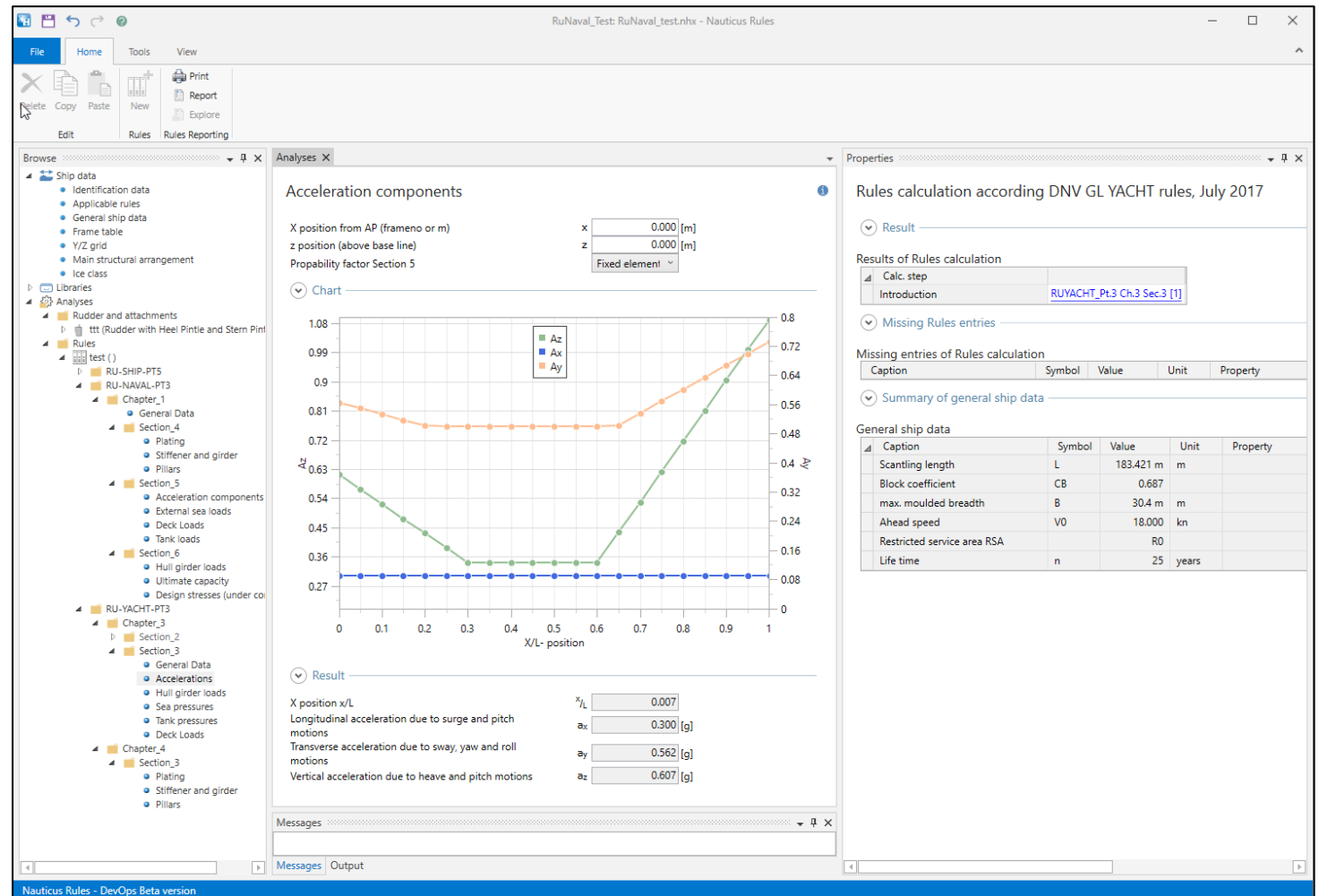
26 January 2021



Nauticus Rules - Overview

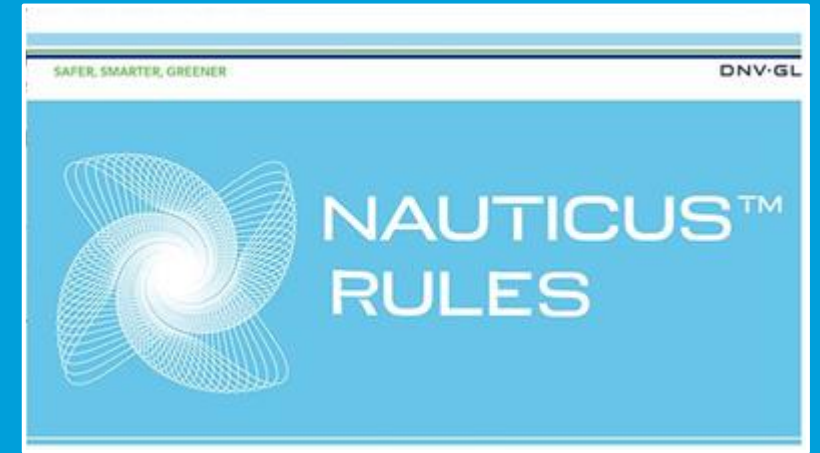


- **Subset of *Nauticus Hull 20* do prescriptive calculations for Yacht rules**
 - Same 'look and feel' as NH 20
 - Workspaces of *NH 20* can be used in *Nauticus Rules* and vice versa
 - Program tree closely related to rule chapters
 - Graphical overviews e.g. for accelerations and Hull girder loads
 - Calculation of structural members, local and global loads
 - List of used rules including link to rule book
 - Printout of pages, e.g. as .pdf
 - Report generation
 - ...



- **Ask for the download link for a free NauticusRules beta version.**

Nauticus Rules – live demonstration



Ship structural analysis and design - Nauticus Hull

www.dnvgl.com

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Thank you for your attention!

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