



WHEN TRUST MATTERS

Nauticus Hull Sales

Program packages and licensing

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Program packages and licensing

Digital sales of Nauticus Hull on Veracity

Price policy

Ship mode configuration of GeniE

Program download

Program packages and licensing

Digital sales of Nauticus Hull on Veracity

Internet page for both sales and user information including tutorials:

Nauticus Hull - Ship structural analysis and design

Efficient hull design and verification

By DNV - Digital Solutions

[See pricing](#)

[Contact provider](#)

 Search the marketplace

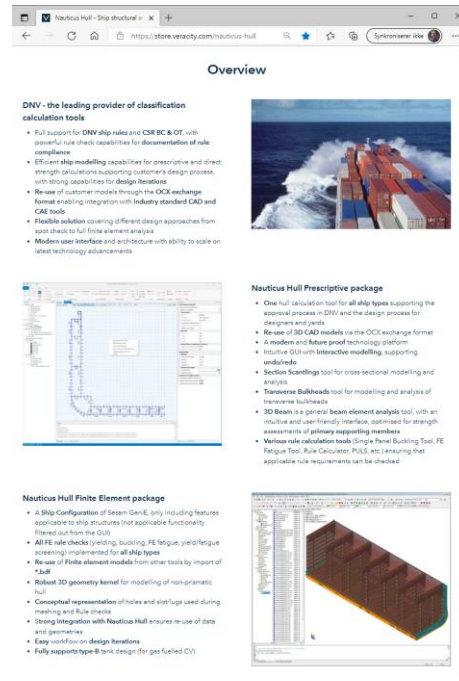
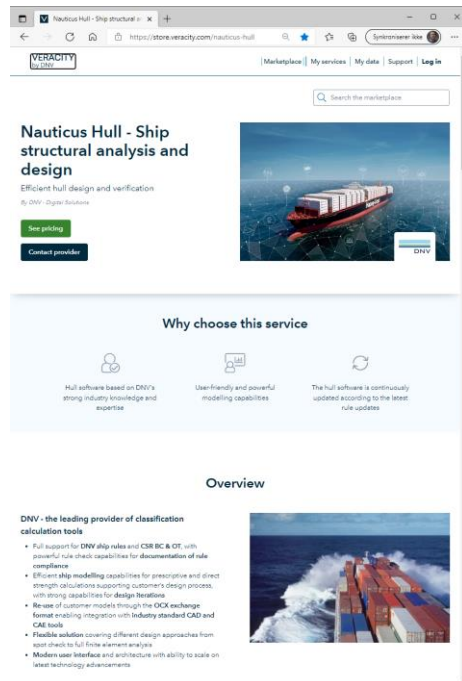


Program packages and licensing

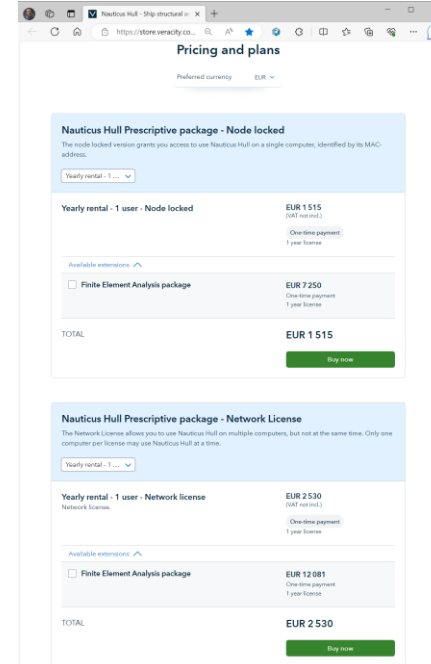
Digital sales of Nauticus Hull on Veracity

- An internet landing page for digital sales of **Nauticus Hull Prescriptive package** and **Nauticus Hull Finite Element package** available: [Nauticus Hull - Ship structural analysis and design | Veracity by DNV](https://store.veracity.com/nauticus-hull)
- Licences can be purchased in **Euro / US\$** by click and accept, pay by credit card or by invoice

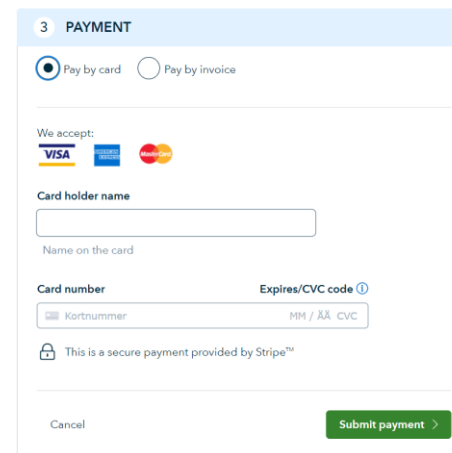
Internet landing page for digital sales of Nauticus Hull



Purchase on the internet



Pay by credit card or invoice



Program packages and licensing

Price policy

Nauticus Hull Prescriptive package

- Includes:
 - Nauticus Hull
 - 3D Beam
 - PULS
- Price policy for yearly rental
 - Node locked: 1 595 Euro
 - Network: Node locked / 0.6 = 2 655 Euro

Nauticus Hull Finite Element package

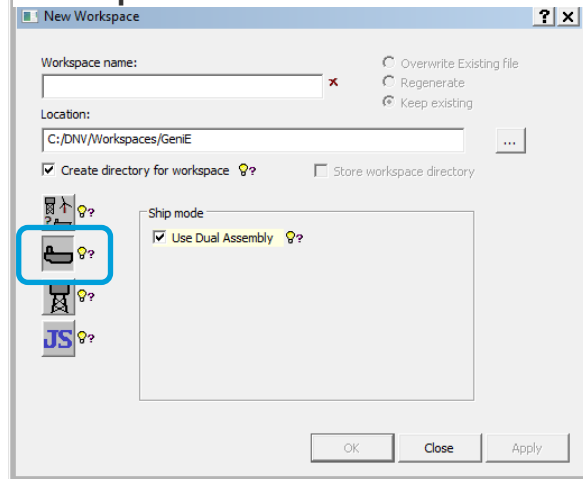
- Includes:
 - **GeniE Ship mode configuration**
 - Sestra (solver, linear and T/C analysis)
 - Submod (tool for transferring prescribed deformations from global mode to sub model)
- Price policy for yearly rental (need NH prescriptive package in addition)
 - Node locked: 7 615 Euro
 - Network: Node locked / 0.6 = 12 685 Euro

Program packages and licensing

Configuration of GeniE – Modes

- GeniE is a general FE tool optimised for various applications by the introduction of the following modes
 - Full mode
 - Ship mode
 - Jacket mode
- The different models will ensure a customisation of GeniE
 - Filtering of menus, toolbars, dialogs and browser
 - Default properties and units according to industry standard
- When creating a new workspace, with a GeniE Ship Mode licence (provided by the NH Finite Element package), only the Ship Mode will be available

When creating a new workspace, only the ship mode will be available



Program packages and licensing

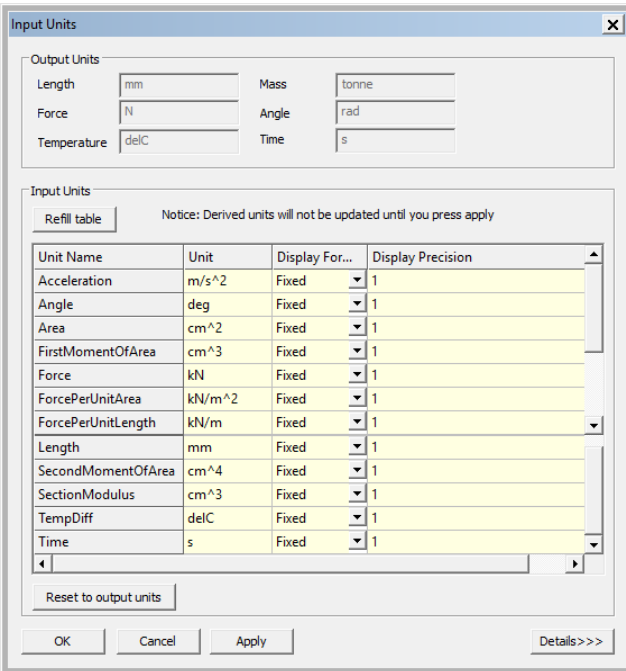
Ship mode configuration of GeniE

Ship mode configuration improves the user-friendliness by filtering out features that are not applicable for the shipbuilding industry

Ship mode ensures default units as described in the Rules and according to shipbuilding industry standards

Ship mode filter out browser entries that are not applicable for ships

Ship mode filter out selection options in dialogues that are not applicable for ships



Input Units dialog box showing output units and input units.

Output Units:

Output Units	Unit	Mass	Angle	Time
Length	mm	tonne	rad	s
Force	N			
Temperature	delC			

Input Units:

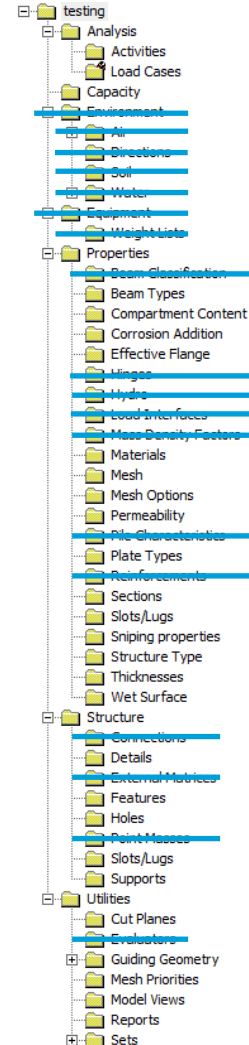
Refill table Notice: Derived units will not be updated until you press apply

Unit Name	Unit	Display For...	Display Precision
Acceleration	m/s^2	Fixed	1
Angle	deg	Fixed	1
Area	cm^2	Fixed	1
FirstMomentOfArea	cm^3	Fixed	1
Force	kN	Fixed	1
ForcePerUnitArea	kN/m^2	Fixed	1
ForcePerUnitLength	kN/m	Fixed	1
Length	mm	Fixed	1
SecondMomentOfArea	cm^4	Fixed	1
SectionModulus	cm^3	Fixed	1
TempDiff	delC	Fixed	1
Time	s	Fixed	1

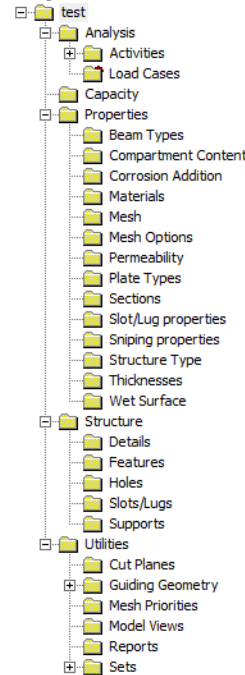
Reset to output units

OK Cancel Apply Details>>>

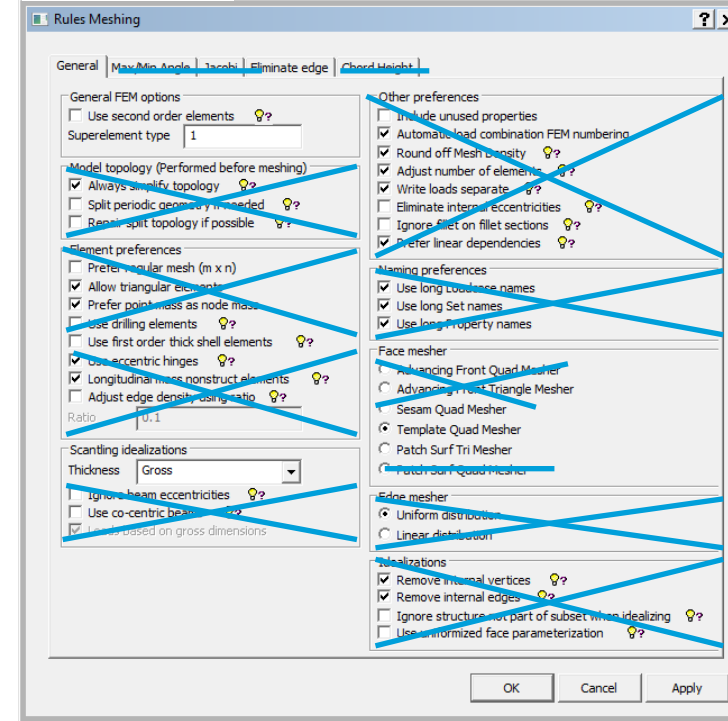
Full mode



Ship mode



Full mode



Full mode Rules Meshing dialog box showing various options and preferences. The 'Eliminate edge' tab is selected.

General FEM options

- ☐ Use second order elements
- Superelement type: 1

Model topology (Performed before meshing)

- ☒ Always simplify topology
- ☐ Split periodic geometry if needed
- ☐ Remove split topology if possible

Element preferences

- ☐ Prefer regular mesh (m x n)
- ☒ Allow triangular elements
- ☒ Prefer point mass as node mass
- ☐ Use drilling elements
- ☐ Use first order thick shell elements
- ☒ Use eccentric hinges
- ☒ Longitudinal mesh construct elements
- ☐ Adjust edge density using ratio

Ratio: 0.1

Scantling idealizations

- Thickness: Gross
- ☐ Ignore beam eccentricities
- ☐ Use co-centric beams
- ☒ Length based on gross dimensions

Other preferences

- ☐ Include unused properties
- ☒ Automate load combination FEM numbering
- ☒ Round off Mesh Density
- ☒ Adjust number of elements
- ☐ Write loads separate
- ☐ Eliminate internal eccentricities
- ☐ Ignore fillet on fillet sections
- ☒ Prefer linear dependencies

Naming preferences

- ☒ Use long Load case names
- ☒ Use long Set names
- ☒ Use long Property names

Face mesher

- ☐ Advancing Front Quad Mesher
- ☐ Advancing Front Triangle Mesher
- ☐ Sesam Quad Mesher
- ☒ Template Quad Mesher
- ☐ Patch Surf Tri Mesher
- ☐ Patch Surf Quad Mesher

Edge mesher

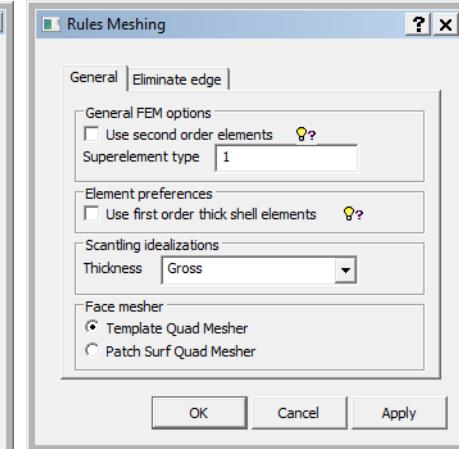
- ☒ Uniform distribution
- ☐ Linear distribution

Realizations

- ☒ Remove internal vertices
- ☒ Remove internal edges
- ☐ Ignore structure not part of subset when idealizing
- ☐ Use uniformized face parameterization

OK Cancel Apply

Ship mode



Ship mode Rules Meshing dialog box showing various options and preferences. The 'Eliminate edge' tab is selected.

General FEM options

- ☐ Use second order elements
- Superelement type: 1

Element preferences

- ☐ Use first order thick shell elements

Scantling idealizations

- Thickness: Gross

Face mesher

- ☒ Template Quad Mesher
- ☐ Patch Surf Quad Mesher

OK Cancel Apply

Program packages and licensing

Program download: [Sesam Download \(dnv.com\)](https://sesam.dnv.com/download/programs.html)

Packages

Sesam Download

Download the FOWT Time Domain and Frequency Domain Workflow tutorials and examples from the Sesam Workflows Knowledge Centre

Did you purchase a license online on the Veracity Marketplace? Then you need to download and use the License Activation tool to activate the license. If you purchased through one of our sales managers you will receive the license by email.

[Download License Activation Tool](#)

Packages Applications

All packages except Nauticus Hull Prescriptive and Nauticus Hull FEA are generated daily to ensure they contain the latest versions of the Sesam applications. Contact Support if you need to download older packages or if you need a physical copy of a package on DVD.

Package	Version	File Size	Release Date
Sesam	29 Aug 2024	9.62 GB	29 Aug 2024
Floating Wind Frequency Domain	29 Aug 2024	2.04 GB	29 Aug 2024
Floating Wind Time Domain	29 Aug 2024	2.18 GB	29 Aug 2024
Floating Structures	29 Aug 2024	4.20 GB	29 Aug 2024
Fixed Structures	29 Aug 2024	2.48 GB	29 Aug 2024
Sesam.Starter	29 Aug 2024	1.00 GB	29 Aug 2024
Pipelines	29 Aug 2024	612.58 MB	29 Aug 2024
Nauticus Machinery	29 Aug 2024	244.71 MB	29 Aug 2024
Nauticus Hull Prescriptive	08 Aug 2024	92.19 MB	08 Aug 2024
Nauticus Hull FEA	08 Aug 2024	1.65 GB	08 Aug 2024

Sesam Download

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[Download License Activation Tool](#)

Applications Packages

Latest Versions All Versions

Filter: Start typing to filter

Program	Version	File Size	Release Date	Processor	Status List Entry
Application Version Manager	3.2-00	5,523 KB	02 Nov 2023	32-bit	Reasons for update
Bpopt	5.8-04	4,093 KB	06 Sep 2011	32-bit	Reasons for update
Cures	2.0-00	146,833 KB	21 Apr 2021	32-bit	Reasons for update
FatFree	13.2-00	21,639 KB	02 Oct 2023	32-bit	Reasons for update
FNCorrosion	18.0-00	15,123 KB	05 Apr 2018	64-bit	Reasons for update
Framework64	4.4-00	70,683 KB	05 Aug 2023	64-bit	Reasons for update
GenIE44	8.10-01	503,019 KB	07 Jun 2024	64-bit	Reasons for update
Helica	4.0-02	19,985 KB	16 Mar 2023	32-bit	Reasons for update
HydroD64	7.1-01	155,152 KB	09 Jul 2024	64-bit	Reasons for update
HydroMesh	4.1-01	85,583 KB	26 Jun 2024	64-bit	Reasons for update
InstallJac	8.2-00	76,755 KB	06 Feb 2015	32-bit	Reasons for update
License Dongle Driver	11.19-02	82,797 KB	19 Jul 2023	64-bit	Reasons for update
License Manager	11.19-02	70,202 KB	19 Jul 2023	64-bit	Reasons for update
Mimosa64	6.3-10	237,738 KB	02 Dec 2019	64-bit	Reasons for update
Nauticus Machinery Server	14.7-00	747,171 KB	10 Nov 2023	32-bit	Reasons for update
Nauticus Machinery Client	14.7-02	154,386 KB	02 May 2024	32-bit	Reasons for update
Patran-Pre64	2022.3	2,843,190 KB	09 Dec 2022	64-bit	Reasons for update
PET	4.1-00	485,802 KB	06 Jun 2018	32-bit	Reasons for update
PILSS	2.2-00	210,866 KB	05 Apr 2024	32-bit	Reasons for update
Plawork	1.9-00	109,251 KB	10 Aug 2017	32-bit	Reasons for update

Thank you!

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