

PrimeShip-HULL(Rules)/NK Rule

- ClassNK's advanced calculation software for Part C -

Nippon Kaiji Kyokai (ClassNK)

1. Outline

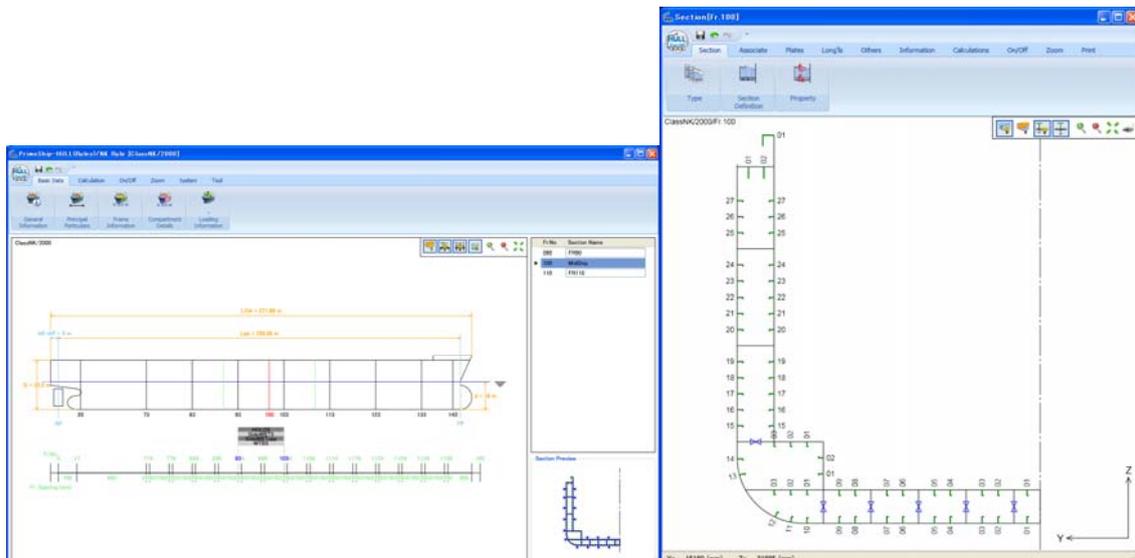
1.1 Applicability

- General cargo ships of single-side skin construction or double-side skin construction which are 90 m or longer in length
- Container carriers which are 90 m or longer in length
(2015 Rules for the Survey and Construction of Steel Ships, Part C, Chapter 32)
- Ore carriers which are 120 m or longer in length

1.2 System Architecture

➤ Rule Calculations

This software provides information and reporting functions essential to demonstrating the compliance of ship designs with Part C of our Rules for the Survey and Construction of Steel Ships. It allows users to perform cross-section calculations, hull girder strength assessments, local strength assessments, buckling strength assessments, etc. based upon user-inputted arrangements and gross scantlings of cross sections as shown in the following figure on the right.



2. Condition of Service

2.1 Intended Users

The software will be provided free of charge to ClassNK customers for the sole purpose of performing strength assessments for ships subject to Part C of our Rules for the Survey and Construction of Steel Ships.

2.2 Conditions of Use

Users of this software acknowledge and agree to the following conditions of use:

- 1) All intellectual property rights, including any copyrights, trademarks, etc. for the software or any associated services remain the sole property of ClassNK and/or the software development company. Users are only granted a non-exclusive right to use this software in accordance with these conditions.
- 2) The software, including the main module, may be installed on multiple computers within (a single location of) the company. However, the software shall not be leased, sold, distributed or subleased to any third party other than the location specified on the application form.
- 3) All or a part of the software shall not be used for purposes other than structural assessments based on Part C of the Rules for the Survey and Construction of Steel Ships.
- 4) The software shall not be reverse engineered or otherwise modified for use in any way.
- 5) All technical information and knowledge, such as know-how or data structure, etc., acquired through the use of this software shall not be provided to any third party.
- 6) ClassNK reserves the right to a claim against the lessee for damages it suffers as the result of any unauthorized use of the software or its associated services.
- 7) ClassNK, its employees or related parties shall not be responsible for any claims attributable to errors, omissions, or other inaccuracies in the information or results provided by the software, and in no event shall ClassNK be liable for direct, indirect, special, incidental or consequential damages or losses arising out of the use of the software, such information or results.
- 8) ClassNK may amend these conditions at any time it deems necessary, without prior written notice to users. However, in cases where it is deemed that users shall be significantly affected by any amendment of these conditions, ClassNK shall inform users thereof by issuing a written notice with a reasonable notice period.
- 9) This lease has an expiration date, and the software shall not be used beyond its term of validity.

2.3 User Support Services

ClassNK provides users with the following support services:

- 1) Technical consultation regarding software use.
- 2) Updated versions for each system.
- 3) Correction of any bugs or other flaws, etc. in software design.

2.4 Hardware Requirements

| Item | Rule Calculation Systems |
|----------------------|---------------------------------------|
| OS | Windows 7 |
| CPU | Intel Celeron 2GHz or faster |
| Main Memory | 1GB or more |
| HDD | 2GB or more |
| Display | 1024×768 or higher resolution monitor |
| Software Requirement | Microsoft Excel 2007 / 2010 / 2013 |

3. Inquiries

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4. Declaration of Ownership

PrimeShip-Hull (Rules)/NK Rule remains the sole property of the Nippon Kaiji Kyokai (ClassNK).