PrimeShip-NAPA Manager (ClassNK Manager)

- PrimeShip-NAPA Manager is NAPA-based application created to improve the efficiency of ship design and speed up the classification approval process.
- Called “ClassNK Manager” within NAPA applications, PrimeShip-NAPA Manager allows users to easily perform statutory compliance calculations such as stability and longitudinal strength calculations using NAPA 3D models. PrimeShip-NAPA Manager can also be used to create the intact stability booklets, damage stability booklets, and loading manual booklets required for ship registration and classification.

Main Concepts

- PrimeShip-NAPA Manager has been designed for user friendliness, making data input an easy process and allowing users to graphically check input data.
- PrimeShip-NAPA Manager does not require the use of NAPA commands and can be used without special training.
- PrimeShip-NAPA Manager provides standard formats for stability booklets and loading manuals that can be used “as-is” without modification.
- Simple work flow charts show the items required by statutory rules for every type of ship.
- Stability calculations and longitudinal strength calculations can be performed according to the latest regulations including Convention Regulations, IACS Unified Requirements, and ClassNK Rules.
- Timber loads on deck can be taken into account for both intact and damage stability calculations.
- Online help manuals are available not only in English, but also in Japanese, Korean and Chinese.
Key Features

- **3D Model Check**
  User can visually check data using NAPA 3D compartment models.

- **Input Data for Statutory Calculations**
  Users can easily define light weight distribution, openings, visibility check positions and other items for calculation via the graphical user interface (GUI).

- **Perform Statutory Calculations**
  - Intact stability (IS Code 2008, including timber deck cargo loading)
  - Longitudinal strength (including IACS UR shear force correction)
  - Deterministic damage stability (LL, MARPOL, IBC, IGC etc)
  - Probabilistic damage stability (SOLAS II-1 Part B-1, including timber deck cargo loading)

- **Create Delivery Documents**
  - Stability Information
  - Loading Manuals
  - Damage Stability Calculation Booklets

- **Data Compatibility**
  Data Import/Export support for CSV files.

- **NAPA Data Security**
  NAPA 3D data can be securely encrypted before submission to ClassNK, preventing access by third parties.

- **Online Manuals available in four Languages**
  The preferred language can be pre-set and changed with the click of a single button.
System Requirements

PrimeShip-NAPA Manager requires a properly installed and licensed copy of NAPA.

Recommended minimum hardware configuration:

- **Operation System**: Windows XP Professional + minimum of Service Pack 1 or Windows Vista
- **Processor**: 32 or 64-bit, 1GHz or more
- **Memory**: 1 Gb
- **Disk Space**: 60 Gb
- **Graphics Adapter**: 128 Mb memory, Open GL compatible
- **Network Adapter is required**
- **Screen resolution**: 1280 x 1024 pixels