PrimeShip
Total Ship Care

GREEN/ EEOI

EEOI Calculation and Analysis System

HULL
ENVIRONMENT PrimeShip MACHINERY
Total Ship Care
MAINTENANCE OPERATION

Key Features

◆ **EEOI calculations performed in compliance with IMO guidelines (MEPC.1/Circ.684)**
◆ **Easy visual checking of the energy efficiency of ships in service**
◆ **Easy registration of ships by using a data link with NK-SHIPS**
◆ **Free to use**

PrimeShip-GREEN/EEOI is a system used for the calculation and analysis of EEOI (Energy Efficiency Operational Indicator) of a ship in order to check GHG (CO_2) emission levels during ship operation.

PrimeShip-GREEN/EEOI consists of two specialized applications: "EEOI-Onboard" for data input, and "EEOI-Web" for EEOI calculation and analysis.

Main Functions

EEOI-Onboard

Exclusive software for data input onboard
◇ Registration of voyage information
◇ Entry of operational data
  (Distance sailed, Fuel consumed)

EEOI-Web

Web-based software for EEOI calculation and analysis
◇ Trend chart/data display
◇ EEOI target setting
◇ EEOI comparison of ships in fleet
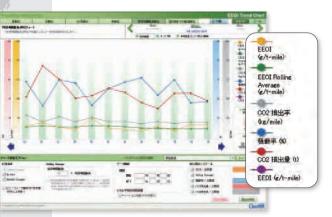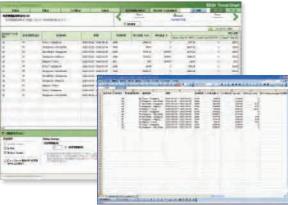◇ EEOI comparison with EEOI average curve

ClassNK

Data link with NK-SHIPS

Easy registration of ships under NK class to the system is available by using a data link with NK-SHIPS. In addition, ships classed with other classification societies can be registered just by entering the ship's basic information.

Analysis of calculation results

◇The calculated CO_2 emission levels, CO_2 index (CO_2 emissions per a mile) and load index as well as EEOI are displayed in a trend chart. Users can visually confirm variations in energy efficiency and its contributing factor.

◇Data analysis suitable for ship operation characteristics can be performed by setting different kinds of calculation and display conditions.

◇Base data and calculation results can be downloaded as a CSV file for easy data utilization and data import to other systems.

Compatible with other systems

Separately from data entry by EEOI-Onboard as basic specifications, a function to import data from existing electronic log systems is also available.

Free to use

This system is provided free of charge. After submitting an application to register to use the system, users will be able to access the system via ClassNK's web service portal. (https://portal.classnk.or.jp/portal/)

PrimeShip-GREEN/EEOI system requirements

	Hardware Requirements	Software Requirements
EEOI-Onboard	Memory: 1GB or greater (recommended) HDD: 600MB hard drive space (recommended)	OS: Windows 7 / Vista SP2 or later / XP SP3 Browser: Internet Explorer 8 / 7 / 6 Microsoft .NET Framework 3.5
EEOI-Web	———————	OS: Windows 7 / Vista SP2 or later / XP SP3 Browser: Internet Explorer 8 / 7 / 6 Adobe Flash Player