
GUIDANCE FOR MARINE POLLUTION PREVENTION SYSTEMS

GUIDANCE

2016 AMENDMENT NO.1

Notice No.40 30th June 2016

Resolved by Technical Committee on 5th February 2016

“Guidance for marine pollution prevention systems” has been partly amended as follows:

Part 2 SURVEYS

Chapter 2 REGISTRATION SURVEYS

2.1 Registration Surveys during Construction

2.1.2 Submission of Plans and Documents for Approval

Sub-paragraph -2 has been amended as follows.

2 Details of the documents related to ship energy efficiency referred to in **2.1.2-3 in Part 2 of the Rules** are as follows:

- (1) The Energy Efficiency Design Index (EEDI) Technical File is a document which contains basic information related to the EEDI calculation conditions. It is to contain the following:
 - (a) Basic data such as either information of the following i) to ~~iii) deadweight (DWT)~~, the maximum continuous rating (MCR) of main and auxiliary engines, estimated ship speed and the specific fuel consumption of main and auxiliary engines (Data for each is to be provided. Copies, etc. which indicate the specific fuel consumption of main and auxiliary engines are to be attached.)
 - i) Gross tonnage and deadweight (DWT) for ro-ro cargo ships (vehicle carriers);
 - ii) Gross tonnage for passenger ships and cruise passenger ships which have non-conventional propulsion; or
 - iii) Deadweight (DWT) for ships other than those mentioned in the preceding i) and ii).
 - ((b) to (g) are omitted.)
 - (h) For LNG carriers, information specified in the following i) to v):
 - i) Type and outline of propulsion systems (such as direct drive diesel, diesel electric, steam turbine);
 - ii) LNG cargo tank capacity in m^3 and the design rate of boil-off gas of entire ship per day, which is specified in the specification of the building contract;
 - iii) Shaft power of the propeller shaft after transmission gear at 100% of the rated output of motor and the electrical efficiency for diesel electric;
 - iv) For steam turbines, maximum continuous rated power; and
 - v) For steam turbines, certified specific fuel consumption of the steam turbines measured in g/kWh .
 - (~~hi~~) Other documents deemed necessary by the Society.
- (2) Additional Information (documentation other than that specified in (1) above which is needed by the Society to verify the attained EEDI) is, in principal, to contain the following:
 - (a) Descriptions of the relevant tank test facility (supporting materials to confirm the reliability of tank tests). This is to include the name of the facility, the particulars of the tanks and towing equipment, and the records of calibration for each piece of monitoring equipment used.

- (b) Model ship lines and actual ship lines in order to verify the appropriateness of the tank test (Documentation to confirm that the relevant lines are detailed enough to demonstrate the similarity between the model ship and the actual ship)
- (c) Ship lightweight and displacement table (Documents for deadweight verification)
- (d) Detailed reports on both tank test results and power curve(s) estimated calculations (Documentation to confirm that the ship speed estimated under EEDI calculation conditions and the ship speed estimated under sea trial speed test conditions were attained using the same calculation process)
- (e) Reasons for omitting tank tests, if applicable (Documentation which provides appropriate technical justification for omitting tank tests. Such documentation is to include the lines and tank test results of relevant ships of the same type.)
- (f) For LNG carriers, detailed calculation process of the following i) and ii):
 - i) The required auxiliary engine power to supply normal maximum sea load in the condition of the ship engaged in voyage at the specified speed; and
 - ii) For steam turbines, the specific fuel consumption of the steam turbines.
- (g) Other documents deemed necessary by the Society.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 30 June 2016.