TÜRK LOYDU RULE CHANGE SUMMARY

TL NUMBER: 03/2020 SEP 2020

Latest editions of TL Rules incorporate all rule changes. The latest rule revisions of a published rule are shown with a vertical line. Changes after the publication of the rule are written in red colour.

Please note that within this document added items are written in red and for deleted items strikethrough is applied. After the publication of relevant rule, those revisions are to be indicated with a vertical line. Following Rule Changes presented in English are also implemented into Turkish Version of Rules.

RULE CHANGE SUMMARY

CHAPTER 4 - MACHINERY

No	Item
01	Section 2

CHAPTER 101 – NAVAL SHIP TECHNOLOGY, CLASSIFICATION AND SURVEYS

No	Item
01	Section 2

ADDITIONAL RULE – SURVEY and CERTIFICATION RULES ON ENERGY EFFICIENCY OF SHIPS (MARPOL 73/78 ANNEX VI, CHAPTER 4)

No	Item
01	General

GUIDELINES FOR EXHAUST GAS CLEANING SYSTEMS

No	Item
01	General

PART B – CHAPTER 4 MACHINERY

01. Section 2 – Internal Combustion Engines and Air Compressors

Revision Date: September 2020

Entry into Force Date: 1 October 2020

Item M.1 was revised according to MEPC 313(74) as below:

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In case of Exhaust Gas Recirculation (EGR) method is used Resolution MEPC 307(73)* should be considered. In case of engines fitted with Selective Catalytic Reduction system, Resolution MEPC.291(71) as amended by MEPC 313(74) should be taken into account in addition to NOx Technical Code 2008.

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PART E – CHAPTER 101 – NAVAL SHIP TECHNOLOGY, CLASSIFICATION AND SURVEYS

01. Section 2 – Class Designation

Revision Date: September 2020

Entry into Force Date: 1 October 2020

Item C.1.5 was revised as below:

EP (Environmental Passport Notation) additional class notation is assigned to the ships fulfilling the requirements of the **TL** Chapter 76 - Guidelines for the Environmental Service System. When all requirements of **EP** Notation cannot complied with, following characters of notations can be assigned individually or in combination eg. **EP (A)**, **EP (N, S)**.

A Anti-fouling coatings, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item B.6)

B Ballast water management, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item B.5)

G Grey water, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item B.4)

N Oxides of nitrogen in exhaust emissions, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item C.1)

R Refrigeration systems, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item C.5)

S Oxides of sulphur in exhaust emissions, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item C.2)

O Oily bilge water, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item B.1 and 2)

EE Energy efficiency, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item C.7)

SR Ship recycling, (see **TL** Chapter 76 - Guidelines for the Environmental Service System, Section 2 item D).

Item C.2.1.2 and Table 2.2 were revised as below:

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LCVP Landing Craft, Vehicle and Personnel

Chapter 101 **Classification and Surveys**	**Chapter 102** **Hull Structures and Ship Equipment**	**Chapter 104** **Propulsion Plants**	**Chapter 105/106** **Electrical Installations / Automation**	**Chapter 107** **Ship Operation, Installations and Auxiliary Systems**
Ship type: **CORVETTE** **FRIGATE** **DESTROYER** **CRUISER** **MINE WARFARE VESSEL** **AMPHIBIOUS WARFARE SHIP** **AIRCRAFT CARRIER** **PATROL BOAT** **OFFSHORE PATROL VESSEL** **SUPPLY VESSEL** **RESEARCH VESSEL** **CADET TRAINING SHIP** **AMPHIBIOUS WARFARE SHIP** (LPD, LHD, LST, LCT, LCM, etc.) **ACİL MÜDAHALE VE DALIŞ EĞİTİM BOTU** **MOSHIP** Submarine Rescue Mother Ship **RATSHIP** Rescue and Towing Ship **LCT** Landing Craft Tank **LCM** Landing Craft Mechanized **LST** Landing Ship Tank **LPD** Landing Platform Dock **LCVP** Landing Craft, Vehicle and Personnel **PRODUCT TANKER** **TUG (4)** **ESCORT TUG (p,V) (5)** **SUBMARINE** **LHD** Landing Helicopter Dock Special types, e.g.: **HYDROFOIL** **CATAMARAN** **WATER JET** **AIR CUSHION** High speed craft: **HSC-N** **HSDE** Auxiliary ship-Navy: **AUX-NH** **AUX-NM** Certificate of Conformity: **CoC** IACS Common Structural Rules: **CSR** Naval Ship Code: **NSC** Submersible: **U**	Ambient conditions: **AC1** **ACS** Material: **(HIGHER STRENGTH HULL STRUCTURAL STEEL)** **ALUMINIUM** **FRP** Residual strength after military effects: **RSM** Rational ship design: **RSD (F25)** **RSD (F30)** **RSD (ACM)** In-water survey: **IWS** Structural fire protection: **SFP** Navigation in ice: **B** Bridge design: **NAV-O** **NAV-OC** Novel design: **EXP** Emergency response service: **ERS** Service range: **Y** **K50/K20** **K6** Towing arrangement: **TA1 (TA2, TA3)** Corrosion Protection **(1)**: **PCWBT** Loading Instrument **(2)**: **LI**	Condition monitoring: **CM1** **CM2** **CM3** **CM4** Redundant propulsion: **RP1** x % **RP2** x % **RP3** x % Dynamic positioning: **DK1** **DK2** **DK3** Fuel Cell Systems: **FC-xxx** **with FC** Navigation in ice: **B** Novel design: **EXP** Air Independent Power: **AIP-xxx** **with AIP** Manoeuvring Capability Assessment **(3)**: **MCA**	Automation: **AUT-N** **AUT-Nnh** **AUT-C(NS)** Degaussing: **DEG** Quality of Electrical Power Supplies: **ELS** Integrated Computer Control: **ICC**	Lifting appliances: **LA** **LA (CL)** **LA (CR)** **LA (PL)** Replenishment at sea: **RAS** Flight operation: **FO** NBC protection: **NBC** Diving systems: **DI** Environmental Passport: **EP (6)** Fire Fighting **(7)** : **FF0** **FF1** **FF2** **FF3** **FF1/2** **FF1/3**
(1) *For **PCWBT** Notation, see **TL** Rules Chapter 1 Hull Section 22 A.7.1.* **(2)** *For **LI** Notation, see **TL** Rules Chapter 1 Hull Section 6 H. and Section 26 F.*				

(3) *For **MCA** Notation, see IMO Res.MSC 137(76), IMO Res.A601(15) and MSC Circ.1053.*
(4) *For **TUG** Notation, see **TL** Rules Chapter 1 Hull Section 29.*
(5) *For **ESCORT TUG (p,V)** Notation, see **TL** Rules Chapter 1 Hull Section 29 and Chapter 13 Escort Tugs.*
(6) *For **EP** Notation, see **TL** Rules Chapter 76 Environmental Protection System.*
(7) *For **FF0, FF1, FF2, FF3, FF1/2, FF1/3** Notations, see **TL** Rules Chapter 11 Fire Fighting Ships.*

ADDITIONAL RULE – SURVEY and CERTIFICATION RULES ON ENERGY EFFICIENCY OF SHIPS (MARPOL 73/78 ANNEX VI, CHAPTER 4)

01. General

Revision Date: September 2020

Entry into Force Date: 1 October 2020

Item 2 and Annex 1 were revised according to MEPC 316(74) as below:

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- which have non-conventional propulsion, except that “attained EEDI” and “required EEDI” shall apply to cruise passenger ships having non-conventional propulsion and LNG carriers having conventional or non-conventional propulsion, delivered on or after 1 September 2019, as defined in MARPOL Annex VI, paragraph 43 of regulation 2. “required EEDI” and “required EEDI” shall not apply to ~~cargo ships having ice-breaking capability~~ category A ships as defined in the Polar Code.

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.42 ~~“Cargo ship having ice-breaking capability” in relation to chapter 4 of Marpol Annex VI means a cargo ship which is designed to break level ice independently with a speed of at least 2 knots when the level ice thickness is 1.0 m or more having ice bending strength of at least 500 kPa.~~ “Polar Code” means the International Code for Ships Operating in Polar Waters, consisting of an introduction, parts I-A and II-A and parts I-B and II-B, adopted by resolutions MSC.385(94) and MEPC.264(68), as may be amended, provided that:

.1 amendments to the environment-related provisions of the introduction and chapter 1 of part II-A of the Polar Code are adopted, brought into force and take effect in accordance with the provisions of article 16 of the present Convention concerning the amendment procedures applicable to an appendix to an annex; and

.2 amendments to part II-B of the Polar Code are adopted by the Marine Environment Protection Committee in accordance with its Rules of Procedure.

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GUIDELINES FOR EXHAUST GAS CLEANING SYSTEMS

01. General

Revision Date: September 2020

Entry into Force Date: 1 October 2020

Item B.1 was revised according to MEPC 313(74) as below:

This subsection provides requirements on the arrangements and system design for SCR systems primarily designed for the removal of NO_x emissions using SCR systems. The intent is that these requirements supplement the statutory emissions performance testing, survey, and certification requirements of the applicable IMO Regulations and Guidelines. At the time of issuance of this Guideline, the applicable supplementary Guidelines to MARPOL Annex VI Regulation 13 and the NO_x Technical Code for SCR systems are IMO Resolution MEPC.291(71), as amended by 313(74) – 2017 Guidelines Addressing Additional Aspects to the NO_x Technical Code 2008 With Regard to Particular Requirements Related to Marine Diesel Engines Fitted With SCR Systems. Compliance with the applicable IMO Regulations is a pre-requisite for **TL** approval of the SCR system in accordance with the requirements of this Guideline.

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