



**All current Characters of Classification and Notations for Seagoing Ships are specified in the GL Rules for [Classification and Surveys \(I-0\), Section 2, C](#) including references to applicable Rules and Guidelines.**

**The following table contains the Characters of Classification and Notations for:**

- **Inland Navigation Vessels**
- **Naval Ships**

**and**

- **Historical Class Notations for Seagoing Ships**

**Hamburg, May 2010**

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Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
<b>IN</b>	Notation for ships intended for navigation in inland waters and semi-maritime stretches of water up to 2 m wave height and for which contracts for construction are signed on or after August 1 <sup>st</sup> , 2006.	I-0, Classification and Surveys, Section 2, C.3.1.1 I-2, Inland Navigation Vessels
<b>I</b>	Notation for existing ships intended for navigation in inland waters and for which contracts for construction are signed before August 1 <sup>st</sup> , 2006	I-0, Classification and Surveys, Section 2, C.3.1.1.2, Edition 2006 I-2-1, Hull Structures, Edition 1990 I-2-2, Machinery Installations, Edition 1990 I-2-3, Electrical Installations, Edition 1990
<b>ORE</b>	Notation for existing Inland waterway vessels built before August 1 <sup>st</sup> , 2006 and dimensioned in accordance with the GL Rules such as to be able to carry ore or similar cargoes of high density.	Notation contained in I-0, Classification and Surveys, C.3.1.5.5 until 2007 Edition
<b>Character of Classification: Hull</b>		
<b>100Ap</b>	The vessel's hull fully (100 %) meets the construction and scantling requirements. $p$ = duration of Class period [years]. Normally, $p = 5$	I-2-1, Classification and Surveys, Section 2, A. 3.2.1 I-2-2, Hull Design and Construction I-2-4, Additional Requirements for Notations
<b>Character of Classification: Machinery</b>		
<b>MC</b>	The machinery including all electrical installations as well as special equipment and installations included in the classification procedure comply with the requirements of GL Construction Rules for Inland Navigation Vessels.	I-2-1, Classification and Surveys, Section 2, A. 3.1.5 I-2-3, Machinery, Systems and Electricity
<b>Characters of Classification: Survey, Construction Supervision</b>		
⊠	The hull, machinery including all electrical installations as well as special equipment and installations included in the classification procedure have been built under the supervision of GL and with certification of components and materials in accordance with the Rules.	I-2-1, Classification and Surveys, Section 2, A. 3.1.1 I-2-2, Hull Design and Construction I-2-3, Machinery, Systems and Electricity I-2-4, Additional Requirements for Notations
⊠	The hull, machinery including all electrical installations as well as special equipment and installations included in the classification procedure have been built under the supervision of another recognized Classification Society and have been subsequently – or at a later date – classed with GL.	I-2-1, Classification and Surveys, Section 2, A. 3.1.2 and Table 2.2

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
(⊗)	The hull, machinery including all electrical installations as well as special equipment and installations included in the classification procedure have been built under the supervision GL in accordance with the Rules, but e.g. without certification of components and material which, however, deemed to be acceptable.	I-2-1, Classification and Surveys, Section 2, A. 3.1.3 and Table 2.2 I-2-2, Hull Design and Construction I-2-3, Machinery, Systems and Electricity I-2-4, Additional Requirements for Notations
<b>Characters of Classification: Range of Navigation</b>		
IN(0,6) IN(1,2) IN(2)	IN indicates a vessel on inland navigation waters such as: - all inland waterways - all semi-maritime stretches of water up to wave height of 2 m - other waters showing comparable conditions IN is completed, between brackets, with the significant wave height [m] for which the vessel has been calculated.	I-2-1, Classification and Surveys, Section 2, A. 3.4.1 and B.10
<b>Characters of Classification: Equipment</b>		
Z	Indicates that the vessel's equipment on anchors and chain cables meet the applicable requirements of the Rules	I-2-1, Classification and Surveys, Section 2, A. 3.5.1
(Z)	Indicates that the vessel's equipment on anchors and chain cables does not meet the Rule requirements, but is deemed to be acceptable for the intended service	I-2-1, Classification and Surveys, Section 2, A. 3.5.2
(-)	Indicates that GL considers that it is not called upon to evaluate the anchor equipment	I-2-1, Classification and Surveys, Section 2, A. 3.5.3
<b>Notations: Type of Service</b>		
<b>Cargo vessel</b>	Notation for vessels intended for the carriage of solid cargo and/or bulk	I-2-1, Classification and Surveys, Section 2, B.3.1.1 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 1, A: and B.
<b>Container vessel</b>	Notation for vessels specially intended for the carriage of containers	I-2-1, Classification and Surveys, Section 2, B.3.1.2 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, B.
<b>Dredger</b>	Notation for vessels specially equipped for dredging activities (excluding carrying dredged material).	I-2-1, Classification and Surveys, Section 2, B.6.1.1 and Table 2.4 I-2-4, Additional Requirements for Notations, Sec. 2, G.
<b>Hopper suction dredger</b>	The Notation may be completed by the type of the dredger (see left)	
<b>Hopper barge</b>	Notation for vessels specially equipped for carrying spoils or dredged material only	I-2-1, Classification and Surveys, Section 2, B.6.1.3 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, G.

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
<b>Hopper dredger</b>	Notation for vessels specially equipped for dredging activities and carrying spoils or dredged material.	I-2-1, Classification and Surveys, Section 2, B.6.1.1 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, G.
<b>Hopper suction dredger</b>	The Notation may be completed by the type of the dredger (see left).	
<b>Launch</b>	Notation for small vessels which are used to provide facilities and assistance for the performance of specified activities	I-2-1, Classification and Surveys, Section 2, B.7.1.3 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, H.
<b>Passenger vessel</b>	Notation for vessels specially intended to carry passengers	I-2-1, Classification and Surveys, Section 2, B.5.1.1 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, D.
<b>Pontoon</b>	Notation for units intended to carry cargo and/or equipment on deck only.	I-2-1, Classification and Surveys, Section 2, B.7.1.4 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, F.
<b>Pontoon/Crane</b>	The Notation is completed with <b>Crane</b> for information only, when a crane is permanently fitted on board (see left)	
<b>Pusher</b>	Notation for vessels specially equipped for pushing	I-2-1, Classification and Surveys, Section 2, B.7.1.2 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, E.
<b>RoRo vessel</b>	Notation for vessels specially intended to carry vehicles, trains and loads on wheeled beds	I-2-1, Classification and Surveys, Section 2, B.3.1.3 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, C.
<b>Special Service</b>	Notation for vessels not covered by any of the type and service notations of this list due to the peculiar characteristics of their activity (e.g. engaged in research, expeditions, survey, training).	I-2-1, Classification and Surveys, Section 2, B.8.1.1 and Table 2.4 Requirements are considered on a case-by-case basis
<b>Special service/Floating dock</b>	The Notation may be completed by the type of vessel, e.g. <b>Floating dock</b> (see left)	
<b>Split hopper barge</b>	Notation for vessels specially equipped for carrying spoils or dredged material only, and which open longitudinally around hinges	I-2-1, Classification and Surveys, Section 2, B.6.1.4 and Table 2.4 Requirements are considered on a case-by-case basis
<b>Tanker</b>	Notation for vessels specially intended to carry liquid or gaseous cargo in bulk	I-2-1, Classification and Surveys, Section 2, B.4.1.1 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, A.
<b>Tug</b>	Notation for vessels specially equipped for towing	I-2-1, Classification and Surveys, Section 2, B.7.1.1 and Table 2.4 I-2-4, Additional Requirements for Notations, Section 2, E.
<b>Additional Class Notations: Type of Construction</b>		
<b>Double hull</b>	Notation for vessels and units the hull of which is completely built with a double hull structure	I-2-1, Classification and Surveys, Section 2, B.9.2.2 and Table 2.5 I-2-2, Hull Design and Construction, Section 5, B. and C.
<b>Single hull</b>	Notation for vessels and units the hull of which is completely built with a single hull structure	

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
<b>With double bottom</b>	Notation for single hull vessels and units the hull of which is built with a double bottom only	I-2-1, Classification and Surveys, Section 2, B.9.2.2 and Table 2.5 I-2-2, Hull -Design and Construction, Section 5, B.
<b>With double sides</b>	Notation for single hull vessels and units the hull of which is built with double sides only	I-2-1, Classification and Surveys, Section 2, B.9.2.2 and Table 2.5 I-2-2, Hull Design and Construction, Section 5, C.
<b>Additional Class Notations: Hull Materials</b>		
<b>AL</b>	The hull of the vessel is constructed of aluminium	I-2-1, Classification and Surveys, Section 2, B.9.2.1 and Table 2.5 II-1, Metallic Materials
<b>C</b>	The hull of the vessel is constructed of composite materials such as FRP	I-2-1, Classification and Surveys, Section 2, B.9.2.1 and Table 2.5 II-2, Non-Metallic Materials
<b>HS</b>	The hull of the vessel is constructed of higher strength hull structural steel	I-2-1, Classification and Surveys, Section 2, B.9.2.1 and Table 2.5 II-1, Metallic Materials
<b>W</b>	The hull of the vessel is constructed of wood	I-2-1, Classification and Surveys, Section 2, B.9.2.1 and Table 2.5 II-2-2, Wooden Materials
<b>Additional Class Notations: Other Notations</b>		
<b>ADN</b>	The vessel's structure and equipment have been examined by GL and found in compliance to the corresponding Regulation. Applicable to convoys/vessels carrying dangerous goods. ADN = European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways	I-2-1, Classification and Surveys, Section 2, B.2.1.9 and Table 2.5
<b>ADNR</b>	The vessel's structure and equipment have been examined by GL and found in compliance to the corresponding Regulation. Applicable to convoys/vessels carrying dangerous goods. ADNR = Regulation Concerning the Carriage of Dangerous Goods on the River Rhine	
<b>Damage stability</b>	Notation assigned to vessels for which an intact stability and the damage buoyancy files has been examined by GL	I-2-1, Classification and Surveys, Section 2, B.9.4.2 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, F.
<b>Ice</b>	Notation assigned to vessels the hull and machinery installation of which comply with the requirements for navigation in drift ice	I-2-1, Classification and Surveys, Section 2, B.9.3.1 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, A.
<b>Ind</b>	Notation assigned to vessels carrying substances in independent cargo tanks	I-2-1, Classification and Surveys, Section 2, B.9.2.3 and Table 2.5

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
<b>Intact stability</b>	Notation assigned to vessels for which an intact stability file has been examined by GL	I-2-1, Classification and Surveys, Section 2, B.9.4.1 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, F.
<b>Max. density</b>	Notation assigned to vessels carrying dry cargoes or liquids with a maximum allowed density	I-2-1, Classification and Surveys, Section 2, B.9.2.5 and Table 2.5
<b>Max. t°</b>	Notation assigned to vessels carrying dry cargoes or liquids with a maximum allowed temperature	
<b>No propulsion</b>	Notation assigned to non-propelled vessels or units	I-2-1, Classification and Surveys, Section 2, B.9.2.4 and Table 2.5
<b>Additional Class Notations: Dry Cargo Vessels</b>		
<b>1R</b>	Notation assigned to vessels carrying dry cargoes, when the vessel's structure is designed for loading and unloading in one run	I-2-1, Classification and Surveys, Section 2, B.3.2.4 and Table 2.5
<b>2R</b>	Notation assigned to vessels carrying dry cargoes, when the vessel's structure is designed for loading and unloading in two runs	I-2-1, Classification and Surveys, Section 2, B.3.2.5 and Table 2.5
<b>DG</b>	Notation assigned to dry cargo vessels designed to carry dangerous goods	I-2-1, Classification and Surveys, Section 2, B.3.2.3 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3,D.
<b>Equipped for transport of containers</b>	Notation assigned to dry cargo vessels equipped for the transport of containers	I-2-1, Classification and Surveys, Section 2, B.3.2.1 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, C.
<b>Equipped for transport of wheeled vehicles</b>	Notation assigned to dry cargo vessels equipped for the transport of wheeled vehicles	I-2-1, Classification and Surveys, Section 2, B.3.2.2 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, D.
<b>Grabloading</b>	Notation assigned to dry cargo vessels which hold tank tops specially reinforced for loading/unloading cargoes by means of grabs or buckets	I-2-1, Classification and Surveys, Section 2, B.3.2.8 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, A.3.
<b>Heavy cargo</b> [AREA1, x <sub>1</sub> kN/m <sup>2</sup> - AREA2, x <sub>2</sub> kN/m <sup>2</sup> ]	Notation assigned to dry cargo vessels with a double bottom and/or hatch covers and/or other cargo areas designed to support heavy cargoes. The values x <sub>i</sub> indicate the maximum allowable local pressures on the various zones AREA <sub>i</sub> where the cargo is intended to be stowed.	I-2-1, Classification and Surveys, Section 2, B.3.2.6 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, B.
<b>Nonhomload</b>	Notation assigned to dry cargo vessels designed in such a way that the cargo spaces may be loaded non-homogeneously	I-2-1, Classification and Surveys, Section 2, B.3.2.7 and Table 2.5
<b>Additional Class Notations: Passenger Vessels</b>		
<b>Ferry</b>	Notation assigned to vessels specially equipped to load wheeled vehicles	I-2-1, Classification and Surveys, Section 2, B.5.2.1 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, E.
<b>Fire</b>	Notation assigned to vessels with installations complying with the relevant fire rules	I-2-1, Classification and Surveys, Section 2, B.5.2.2 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 4, G.

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
<b>Additional Class Notations: Tankers</b>		
<b>DP = x kPa</b>	Notation assigned to tankers designating the design pressure of the cargo tanks	I-2-1, Classification and Surveys, Section 2, B.4.2.1 and Table 2.5
<b>TP = x kPa</b>	Notation assigned to tankers designating the test pressure of the cargo tanks	
<b>Type C</b>	Notation assigned to tankers carrying liquid cargoes built and equipped in compliance either with the applicable GL Rules or with the ADN or ADNR Regulations for this type of vessel.	I-2-1, Classification and Surveys, Section 2, B.4.2.2 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, B.
<b>Type G</b>	Notation assigned to tankers carrying liquefied gases built and equipped in compliance either with the applicable GL Rules or with the ADN or ADNR Regulations for this type of vessel	I-2-1, Classification and Surveys, Section 2, B.4.2.2 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, C.
<b>Type N closed</b>	Notation assigned to type N tankers with a cargo venting system of "closed venting" design	I-2-1, Classification and Surveys, Section 2, B.4.2.2 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, B.
<b>Type N open</b>	Notation assigned to type N tankers with a cargo venting system of "open venting" design	I-2-1, Classification and Surveys, Section 2, B.4.2.6 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, B.
<b>Type N open – Bilgesboat</b>	Notation assigned to type N bilgesboats with a cargo venting system of "open venting" design	I-2-1, Classification and Surveys, Section 2, B.4.2.8 and Table 2.5 I-2-4, Additional Requirements for Notations), Section 3, B.
<b>Type N open – Bunkerboat</b>	Notation assigned to type N bunkerboats with a cargo venting system of "open venting" design	I-2-1, Classification and Surveys, Section 2, B.4.2.7 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, B.
<b>Type N open with flame arresters</b>	Notation assigned to type N tankers with a cargo venting system of "open venting with flame arresters" design	I-2-1, Classification and Surveys, Section 2, B.4.2.5 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, B.
<b>Flash point &gt; 60 °C</b>	Notation assigned to tankers intended to carry only such type of products, under certain conditions	I-2-1, Classification and Surveys, Section 2, B.4.2.9 and Table 2.5

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>1. Inland Navigation Vessels</b>		
<b>Additional Class Notations: Tugs/Pushers</b>		
<b>DGD</b>	Notation assigned to tugs or pushers which are part of a pushed convoy or side-by-side formation comprising a dry cargo vessel carrying dangerous substances	I-2-1, Classification and Surveys, Section 2, B.7.2.1 and Table 2.5 I-2-4, Additional Requirements for Notations, Section 3, A.4.
<b>DGL</b>	Notation assigned to tugs or pushers which are part of a pushed convoy or side-by-side formation comprising a tank vessel carrying dangerous substances	
<b>Laid-up</b>	Notation indicating the expiry of the Class	I-2-1, Classification and Surveys, Section 1, C.6.1.2 and Section 2, B., Table 2.5

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>2. Naval Ships</b>		
<b>Character of Classification: Hull</b>		
<b>100Np</b>	The ship's hull fully (100 %) complies with the requirements of GL Construction Rules for Naval Ships. N is for Navy, p = duration of Class period [years]. Normally, p = 5	III-0, Classification and Surveys, Section 2, 2.1 III-1-1, Hull Structures and Ship Equipment II-1- 6, Special Materials for Naval Ships
<b>Characters of Classification: Machinery</b>		
<b>MC</b>	The machinery and all installations including all electrical installations comply with the requirements of GL Construction Rules for Naval Ships	III-0, Classification and Surveys, Section 2, A.2.2 III-1-2, Propulsion Plants
<b>MC</b>	The machinery does not fully comply with the requirements of GL Construction Rules but functional safety and seaworthiness are ensured for the envisaged service	III-1-3a, Electrical Installations III-1-3b, Automation III-1-4, Ship Operation Installations and Auxiliary Systems
<b>Character of Classification: Survey, Construction Supervision</b>		
<b>⊠</b>	The hull, machinery as well as special equipment and installations have been constructed under the supervision of and in accordance with the GL Rules for Naval Ships and with certification of components and materials	III-0, Classification and Surveys, Section 2, A.2.2 III-1-1, Hull Structures and Ship Equipment III-1-2, Propulsion Plants III-1-3a, Electrical Installations III-1-3b, Automation III-1-4, Ship Operation Installations and Auxiliary Systems
<b>⊠</b>	The ship has been designed and constructed in accordance with the rules and under supervision of another recognized Classification Society and is subsequently classed with GL	III-0, Classification and Surveys, Section 2, B.1.2
<b>Character of Classification: Subdivision, Damage Stability</b>		
<input type="checkbox"/>	Proof of subdivision and damage stability has been furnished	III-0, Classification and Surveys, Section 2, B.3.1
<input checked="" type="checkbox"/>	Proof of subdivision and damage stability has been furnished for the hull constructed in accordance with the Character of Classification <b>⊠</b>	III-0, Classification and Surveys, Section 2, B.3.2
<input checked="" type="checkbox"/>	Proof of subdivision and damage stability has been furnished for the hull constructed in accordance with the Character of Classification <b>⊠</b>	
<b>Notation: Certificate of Conformity</b>		
<b>CoC</b>	Notation for conformity of the ship with the building specification. The certificate may also be issued to ships without GL Class.	III-0, Classification and Surveys, Section 2, C.1.4

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>2. Naval Ships</b>		
<b>Notations: Hull &gt; Ship Type</b>		
<b>CORVETTE</b>		III-0, Classification and Surveys, Section 2, C.2.1.1
<b>FRIGATE</b>		
<b>DESTROYER</b>		
<b>MINE WARFARE VESSEL</b>		
<b>AMPHIBIOUS WARFARE SHIP</b>		
<b>CRUISER</b>		
<b>AIRCRAFT CARRIER</b>		
<b>PATROL BOAT</b>		III-0, Classification and Surveys, Section 2, C.2.1.2
<b>SUPPLY VESSEL</b>		III-0, Classification and Surveys, Section 2, C.2.1.2 III-1-4, Ship Operation Installations and Auxiliary Systems
<b>HYDROFOIL</b>		III-0, Classification and Surveys, Section 2, C.2.1.3
<b>CATAMARAN</b>		
<b>WATER JET</b>		
<b>HSC-N</b>	High Speed Craft – Navy. Notation for craft types such as Catamaran, SWATH, Hydrofoil, SES and ACV designed in accordance with the HSC Rules	III-0, Classification and Surveys, Section 2, C.2.1.4 I-3-1, High Speed Craft
<b>AUX-NH</b>	Auxiliary ship – navy hull.	III-0, Classification and Surveys, Section 2, C.2.1.5
<b>SUBMARINE</b>	Notation for submarines	III-2-1, Submarines, Section 1, A.2.1
<b>Notation: Hull &gt; Novel Design</b>		
<b>EXP</b>	For the ship or essential parts of the design sufficient experience is not available. The Notation <b>EXP</b> may be cancelled following proof of efficiency of the design.	III-0, Classification and Surveys, Section 2, C.2.1.6
<b>Notations: Subdivision, Damage Stability</b>		
<b>Z1D33</b> <b>Z1D22</b> <b>Z1D21</b> <b>Z1D20</b> <b>Z1D11</b> <b>Z1D10</b>	The proof of damage stability is specified by a 5-digit marking indicating the ship type, the stability assessment method and the subdivision status.	III-0, Classification and Surveys, Section 2, C.2.2

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>2. Naval Ships</b>		
<b>Notations: Ambient Conditions and Service Range</b>		
<b>AC1</b>	Maximum inclinations, ship movements and other limit conditions are the basis for the ship design.	III-0, Classification and Surveys, Section 2, C.2.3.1 III-1-1, Hull Structures and Ship Equipment, Section 1, A.4.
<b>ACS</b>	Special requirements for unusual types and/or tasks of naval ships. To be agreed upon case by case.	III-0, Classification and Surveys, Section 2, C.2.3.1
<b>Notations: Hull &gt; Material</b>		
<b>HIGHER STRENGTH HULL STRUCTURAL STEEL</b>	Material for the hull structure is higher strength hull structural steel	III-0, Classification and Surveys, Section 2, C.2.4.1 II-1, Metallic Materials
<b>ALUMINIUM</b>	Material for the hull structure is Aluminium	III-0, Classification and Surveys, Section 2, C.2.4.1 II-1, Metallic Materials
<b>FRP</b>	Material for the hull structure is FRP (Fibre Reinforced Plastic)	III-0, Classification and Surveys, Section 2, C.2.4.1 II-2, Non-Metallic Materials
<b>Notations: Hull &gt; Other</b>		
<b>RSD</b>	Rational Ship Design. Notation for ships which are subject to special analysis procedures).	III-0, Classification and Surveys, Section 2, C.2.4.2 III-1-1, Hull Structures, Section 4
<b>RSM</b>	The ship's hull still complies with the requirements for residual strength and stability after a damage of defined extent.	III-0, Classification and Surveys, Section 2, C.2.4.3 III-1-1, Hull Structures, Section 2 and 21
<b>IW</b>	The ship's hull is specially equipped for in-water surveys	III-0, Classification and Surveys, Section 2, C.2.4.4
<b>NAV-O</b>	The bridge is designed for ocean areas	III-0, Classification and Surveys, Section 2, C.2.4.5
<b>NAV-OC</b>	The bridge is designed for ocean areas and coastal waters.	I-1-11, Bridge Design on Seagoing Ships, One-Man Control Console
<b>SFP</b>	Notation for compliance with the requirements for fire-resisting divisions, combustable materials, ventilation, etc.	III-0, Classification and Surveys, Section 2, C.2.4.6 III-1-1, Hull Structures, Section 20
<b>E</b>	The hull is designed for navigation in drift ice in mouths of rivers and in coastal regions.	III-0, Classification and Surveys, Section 2, C.2.4.7 III-1-1, Hull Structures, Section 13
<b>ERS</b>	Ship data are made available in a database to provide assistance in case of average with the aim of limiting damages	III-0, Classification and Surveys, Section 2, C.2.4.8
<b>Notations: Machinery, Automation</b>		
<b>AUT-N</b>	The machinery installation is fitted with equipment for safe operation of the engines without any intervention by the crew over a period of at least 24 hours	III-0, Classification and Surveys, Section 2, C.3.1 III-I-3b, Automation

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>2. Naval Ships</b>		
<b>AUT-Nnh</b>	The machinery installation is fitted with equipment for safe operation of the engines without any intervention by the crew over a period of at least n hours	III-0, Classification and Surveys, Section 2, C.3.1 III-1-3b, Automation
<b>Notations: Machinery &gt; Redundant Propulsion and Steering Systems</b>		
<b>RP1x%</b>	Redundant propulsion system with 2 independent propulsion machines	III-0, Classification and Surveys, Section 2, C.3.2 III-1-2, Propulsion Plant, Section 2, K.
<b>RP2x%</b>	Redundant propulsion and steering system composed of 2 independent propulsion systems and 2 independent steering systems	
<b>RP3x%</b>	Redundant propulsion and steering system composed of 2 independent propulsion systems and 2 independent steering systems, each of which is installed in separate compartments.	
<b>Notations: Machinery &gt; Dynamic Positioning Systems</b>		
<b>DP1 to DP3</b>	Equipped with a dynamic positioning system. Depending on the desired system reliability one of the following 3 Notations may be assigned:	III-0, Classification and Surveys, Section 2, C.3.1.9 III-1-2, Propulsion Plant, Section 7, K.
<b>Notations: Machinery &gt; Navigation in Ice</b>		
<b>E</b>	The machinery installation is designed for navigation in drift ice in mouths of rivers and in coastal regions.	III-0, Classification and Surveys, Section 2, C.2.4.7 III-1-2, Propulsion Plants, Section 9
<b>Notations: Machinery &gt; Auxiliary Ship - Navy Machinery</b>		
<b>AUX-NM</b>	The machinery installations are partly built according to GL Rules for commercial ships.	III-0, Classification and Surveys, Section 2, C.3.6
<b>Notations: Machinery &gt; Novel Designs</b>		
<b>EXP</b>	For the machinery installation or essential parts of the design sufficient experience is not available. The Notation <b>EXP</b> may be cancelled following proof of efficiency of the design.	III-0, Classification and Surveys, Section 2, C.3.7
<b>Notations: Machinery &gt; Submarines</b>		
<b>U</b>	The machinery including all electric installations complies with the GL Rules for submersibles	III-2-1, Section 1, A.2
<b>AIP-xxx</b>	Notation for Submarines or remotely operated vehicles having a rated output greater than or equal to 10 % of the rated output of the machinery installation. The wild-card symbol "xxx" designates the percentage share of the AIP system in relation to the rated output of the machinery installation	III-2-3, Guidelines for Air Independent Power Systems for Underwater Use, Section 1, A.4.
<b>with AIP</b>	Notation for Submarines or remotely operated vehicles having a rated output lower than 10 % of the rated output of the machinery installation.	

Character of Classification / Class Notation	Brief description	Underlying GL Rules
<b>2. Naval Ships</b>		
<b>Notations: Other Special Equipment and Installations</b>		
<b>FO</b>	Notation for ships equipped for flight operations.	III-0, Classification and Surveys, Section 2, C.4.1 III-1-1, Hull Structures and Ship Equipment, Section 23 III-1-4, Ship Operation Installations and Auxiliary Systems, Section 13.A.
<b>LA</b>	Notation for ships equipped with lifting appliances such as cranes or lifts. Not applicable to lifting appliances for replenishment at sea.	III-0, Classification and Surveys, Section 2, C.4.2.1 III-1-1, Hull Structures and Ship Equipment, Section 23 III-1-4, Ship Operation Installations and Auxiliary Systems, Section 13.A.
<b>RAS</b>	Notation for ships equipped with installations for replenishment at sea. This Notation may be assigned to the supplying ship as well as to the receiving ship.	III-0, Classification and Surveys, Section 2, C.4.2.2 III-1-4, Ship Operation Installations and Auxiliary Systems, Section 4.A.
<b>NBC</b>	Notation for ships equipped with a citadel protecting against nuclear, biological and chemical fall-out	III-0, Classification and Surveys, Section 2, C.4.2.3 III-1-4, Ship Operation Installations and Auxiliary Systems, Section 11.A.1 und Section 11.B.
<b>DI</b>	Notation for ships equipped with diving installations in accordance with GL Rules	III-0, Classification and Surveys, Section 2, C.4.2.4 III-1- 4, Ship Operation Installations and Auxiliary Systems, Section 18.A.
<b>DEG</b>	Notation for ships equipped with an active degaussing system reducing the magnetic signature	III-0, Classification and Surveys, Section 2, C.4.2.5 III-1-3a, Electrical Installations, Section 12.F.
<b>FC-xxx</b>	Notation for watercraft with fuel cell systems the nominal power of which is equal to or exceeds 10 % of the total nominal power of the machinery installation. xxx = percentage.	III-0, Classification and Surveys, Section 2, C.4.2.6 VI-3-11, Guidelines for the Use of Fuel Cell Systems on Board of Ships and Boats
<b>with FC</b>	Notation for watercraft with fuel cell systems the nominal power of which is below 10 % of the total nominal power of the machinery installation	

3. Historical Class Notations (Seagoing Ships)	Brief description	Reference
<b>Restricted Service Area</b>		
<b>M, K, W</b>	Notations <b>M, K, W</b> renamed <b>RSA (200), RSA (50), RSA (SW)</b> in Feb. 2008	
<b>Ice Strengthening</b>		
<b>E01 to E04</b>	With regard to ice strengthening, vessel's hull and machinery comply with the requirements of the GL Rules in force until 05.1971 (last printed in the 1980 Edition)	Notations contained in I-0, Classification and Surveys, Section 2, C.3.1.2 until the 2007 Edition
<b>EF</b>	Hull and machinery of fishing vessels (in particular those trading in waters around Greenland and/or in comparable sea waters) comply with the relevant requirements of the GL Rules	
<b>ARC1 to ARC4</b>	Notations replaced by the Notations <b>PC1 to PC7</b> in Feb. 2008	
<b>IBV ICV</b>	Vessels navigating Lake Vänern/Sweden have to comply with the corresponding Swedish Regulations. For vessels complying with the requirements, an entry will be made to the Certificate of Class.	I-1-1, Hull Structures, Section 15, A.
<b>Ship Type / Type of Cargo Carried</b>		
<b>OPEN TOP</b>	Notation renamed <b>HATCHCOVERLESS</b> in Feb. 2008	
<b>OIL TANKER NOT SUITABLE FOR CARGO WITH FLASHPOINT ≤ 60°C</b>	Notation renamed <b>NOT SUITABLE FOR CARGO WITH FLASHPOINT ≤ 60°C</b> in May 2010	
<b>CTC</b>	Notation renamed <b>CTCOAT</b> in Feb. 2008	
<b>PRODUCT CARRIER</b>	Notation renamed <b>PRODUCT TANKER</b> in Feb. 2008	
<b>WASTE CHEMICAL INCINERATOR SHIP</b>	Notation invalid. Type of ship is unallowable since October 2004 in accordance with MARPOL, Annex 6, Reg. 16, § 4.	Notation contained in I-0, Classification and Surveys, Section 2, C.3.1.3.3 until 2005 Edition
<b>LIQUEFIED GAS TANKER</b>	Notation replaced by <b>LNG</b> or <b>LPG</b> or <b>CNG CARRIER</b> in Feb. 2008	
<b>RO-RO SHIP / OIL TANKER</b>	Ships intended to alternatively carry motor vehicles or liquids in bulk having a flashpoint not exceeding 60 °C	I-1-1, Hull Structures, Section 24 Requirements as for <b>RO-RO SHIP</b> and <b>OIL TANKER</b>
<b>EQUIPPED FOR CARRIAGE OF CARS</b>	Ships provided with special equipment, e.g. floating decks, for the carriage of unloaded motor vehicles without fuel in the tanks	Notation contained in I-0, Classification and Surveys, Section 2, C.3.1.3.4 until 2009 Edition
<b>CAR FERRY</b>	Ships designed for the transportation of motor vehicles (and possibly passengers) engaged in the ferry service	Notation contained in I-0, Classification and Surveys, Section 2, C.3.1.3.4 until 2009 Edition
<b>SOLAS II-2, Reg. 19</b>	Notation renamed <b>DG</b> in Feb. 2008	
<b>SOLAS II-2, Reg. 19 (HSC Code 7.17)</b>	Notation renamed <b>DG (HSC Code 7.17)</b> in Feb. 2008	

3. Historical Class Notations (Seagoing Ships)	Brief description	Reference
<b>INF</b>	Notation replaced by the Notations <b>INF 1, INF 2, INF 3</b> in May 2010	
<b>HSC</b>	Notation renamed <b>HSDE</b> in Feb. 2006	
<b>OC1</b>	Notation for high speed craft operating conditions: Significant wave height $\leq 0,5\text{m}$	Notation contained in I-0, Classification and Surveys, Section 2, C.3.1.3.10 until 2009 Edition
<b>OC2</b>	Notation for HSC operating conditions: Significant wave height $< 2,5\text{ m}$	
<b>OC3</b>	Notation for operating conditions: Significant wave height $< 4,0\text{ m}$	
<b>OC4</b>	Notation for operating conditions: Significant wave height $\geq 4,0\text{ m}$	
<b>CMCA</b>	Notation for yachts complying with essential technical requirements of "The "Large Commercial Yacht Code".	Notation contained in I-0, Classification and Surveys, C.3.1.3.11 until 2006 Edition
<b>Freeboard</b>		
<b>with freeboard ... m</b>	The ship's hull is dimensioned for a draught of less than the maximum draught permissible according to the Load Line Convention.	Notation contained in I-0, Classification and Surveys, C.3.1.4 until 2007 Edition
<b>Environmental Standards</b>		
<b>ENVIRONMENTAL PASSPORT</b>	Notation <b>ENVIRONMENTAL PASSPORT</b> renamed <b>EP</b> in Feb. 2008	
<b>Special Analysis and Survey Procedures</b>		
<b>STAR</b>	System of Traceability and Analysis of Records	Notation contained in I-0, Classification and Surveys, Section 2, C.3.1.15 until 2007 Edition
<b>Submersibles</b>		
<b>U</b>	Notation <b>U</b> renamed <b>S</b> in May 2009	
<b>Cargo Refrigerating</b>		
<b>KAZ, <math>\overline{\text{KAZ}}</math></b>	Notations <b>KAZ, <math>\overline{\text{KAZ}}</math></b> renamed <b>CRS, <math>\overline{\text{CRS}}</math></b> in Feb. 2008	
<b>QUICK FREEZING</b>	Cargo refrigerating installations on board of fishing vessels fitted with equipment for quick freezing of wet fish	Notation contained in I-0, Classification and Surveys, C.3.3.2 until 2004 Edition