



GUIDANCE CHANGE NOTICE No.2

December 2022

Part 0 General

Volume B

GUIDANCE FOR CLASS NOTATIONS

2021

Biro Klasifikasi Indonesia

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Foreword

This Guidance Change Notice (GCN) No.2 gives new additions and amendments to the “Guidance for Class Notation (Pt.0, Vol.B)” along with the effective dates from which these changes are applicable.

These new addition and amendments are to be read conjunction with the requirements given in GCN No.1 and the 2021 edition of the Guidance.

The summary of current amendments for each section including the implementation date are indicated in ***Table 1 - Amendments Incorporates in This Notice.***

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Further queries or comments concerning this Rules are welcomed through communication to BKI Head Office.

Guidance Changes Notice No. 2 – December 2022

Table 1 – Amendments Incorporates in This Notice

These amendments will come into force on or after 1 January 2023.

Paragraph	Title/Subject	Status/Remark
Section 1. General Requirements and Guidance		
Table 1.1	The symbol for supervision of construction	Delete one of construction symbol and supersede the descriptions.
1.G	Ship type notations	To supersede description of ship type notations.
Section 2. Ship or Other Type Notations		
2.	-	To change subsection title due to more applicable.
2.B.6	Deck Cargo Ship	To add new ship notations
2.K.2	Special Service Ship	Corrigenda
2.K.4	Dredgers	To change the range of service symbol due to followed by additional notation ASSPRO.
2.M.2	Barge	
2.Q.1	HSC	To supersede description and special notation of HSC.
2.Y.1	Shiplift an Transfer System	To add new ship or other type notation
2.Y.2	Shiplift	
Section 3. Additional Notations		
3.A.11	HSDE	To supersede the description of HSDE
3.A.15	Shiplift and Transfer System	To add new additional notation
3.B.1	Propulsion, power generation and auxiliary systems	To add new additional notations

Section 1 General Requirements and Guidance

C. Construction symbol

The construction symbol will be assigned for ships and offshore units/installations based on supervision of its construction according to BKI Construction Rules as given in [Table 1.1](#).

Table 1.1 The symbol for supervision of construction

Symbol	Description
✠	Hull, machinery (including electrical) installations, and anchoring equipment have been constructed: <ul style="list-style-type: none"> under the BKI supervision and in accordance with the BKI Rules at the shipyard, and/or subcontractors supplying construction components/hull sections, including on-site installation (for site specific offshore installations) and commissioning tests and trials of the offshore installation. with certification by BKI of components and materials requiring inspection, subject to the BKI Construction Rules.
(✠)	Hull, machinery (including electrical) installations have been constructed: <ul style="list-style-type: none"> under the BKI supervision at the shipyard and/or at subcontractors supplying construction components / hull sections with partial or without certification by BKI of components and materials requiring inspection, subject to the BKI Construction Rules. However, some of components & materials shall be provided with certificate from other recognized Classification Society¹ or recognized maker².
✡	Hull and machinery (including electrical) installations have been constructed under the supervision of and in accordance with the Rules of another recognized Classification Society ¹ . The classification notation which BKI considers having the equivalent intent will be assigned. Deviations from the BKI Rules may be accepted.
⊗	The mark ⊗ is assigned to the relevant part of the ship, where the procedure for the assignment of classification is other than ✠, ✡, (✠), but however deemed acceptable.
□	For the hull proof of subdivision and damage stability have been furnished. Example: ✠ or ✡
Note: ¹ Recognized classification society means the classification society which is a member of IACS. ² Recognized maker means makers recognized by BKI or who already have a quality management system according to ISO by attaching relevant test records	

----- end -----

G. Ship type notations

Ship type notations **are** is to be assigned to ships, ~~or~~ offshore units/installations or **other type structures** to indicate that they comply with the requirement defined in [Section 2](#). ~~This~~ **These** notations **is are** affixed to the hull part of class notation.

----- end -----

Section 2 Ship Type Notations

B. Dry cargo ship

6. Deck Cargo Ship

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
Deck Cargo Ship	N/A	N/A	<ul style="list-style-type: none"> Rules for Hull (Pt.1, Vol.II) Sec. 23 A and Sec.36 Rules for Machinery Installation (Pt.1, Vol.III) Rules for Electrical Installations (Pt.1, Vol.IV) Rules for Materials (Pt.1, Vol.V) Rules for Welding (Pt.1, Vol.VI) Rules for Stowage and Lashing of Containers (Pt.4, Vol. I) Guidelines for the Carriage of Refrigerated Containers on Board Ships (Pt.1, Vol. 5) Peraturan Domestik (Bagian 8, Vol.I) 	<ul style="list-style-type: none"> Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3 and Sec. 4-II.

1.1 Description

Deck Cargo Ship: to be assigned to ship that is designed to carry cargo exclusively above deck without any access for cargo below deck.

1.2 Qualifier

N/A

1.3 Special notation

N/A

1.4 Additional notation

- ECC : Equipped for Carriage of Containers, see Section 3.A.3

The relevant additional notation for hull and machinery item, see Section 3.

Remarks:

1. Examples:

✱	A100	①	P	Deck Cargo Ship
				ECC

-----end-----

K. Vessel for Special Operations

2. Special Service Ship

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
Special Service Ship	<ul style="list-style-type: none"> • <none> • SPS 	<ul style="list-style-type: none"> • Deck Cargo • Research • Seismic Survey • Fish Carrier • Pilot • Mooring • Hospital • Diving Support • Fire Fighter • FFC • Training • Rescue • Lifeboat 	<ul style="list-style-type: none"> • Rules for Hull (Pt.1, Vol.II) Sec. 29-II. • Code of Safety for Special Purpose Ship, 2008 (SPS Code) • Rules for High Speed Craft (Pt.3, Vol.III) • Guidance for Equipment on Fire Fighting Ship (Pt.4, Vol.C) 	<ul style="list-style-type: none"> • Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3.
		<ul style="list-style-type: none"> • Skimmer (specific function) 	<ul style="list-style-type: none"> • Rules for Small Vessel up to 24 m (Pt.3, Vol.VII) 	
		<ul style="list-style-type: none"> • Cable layer • Pipe layer • Well stimulation • Offshore Crane • Power Service 	<ul style="list-style-type: none"> • Rules for Mobile Offshore Unit (Pt.5, Vol.VI). 	<ul style="list-style-type: none"> • Rules for Classification and Survey (Pt.5, Vol.I) Sec. 3.I • Rules for Mobile Offshore Unit (Pt.5, Vol.VI), Sec.2
		<ul style="list-style-type: none"> • Aquaculture 	<ul style="list-style-type: none"> • Guidelines for Aquaculture (Pt.5, Vol.4) 	<ul style="list-style-type: none"> • Guidelines for Aquaculture (Pt.5, Vol.4)

2.1 Description

Special Service Ship : to be assigned to ships designed for carrying out intended special service.

2.2 Qualifiers

- **SPS** : Ships carrying special personnel who are neither crew members nor passengers in accordance with [Rules for Hull \(Pt. 1, Vol. II\), Sec.29.II](#).

2.3 Special notation

- **Deck Cargo** : to be assigned to ship carrying cargo on deck
- **Research** : to be assigned to research ships.
- **Seismic Survey** : to be assigned to seismic survey ships.
- **Fish Carrier** : to be assigned to fish carrier.

- **Pilot** : to be assigned to pilot ships.
- **Mooring** : to be assigned to mooring ships
- **Hospital** : to be assigned to hospital ships
- **Diving Support** : to be assigned to ships carrying out special purpose related diving support matters.
- **Fire Fighter** : to be assigned to fire-fighting ships. These ships fitted with equipment complying with the [Guidance for Equipment on Fire Fighting Ships \(Pt.4, Vol.C\)](#) will, depending on the size and purpose of the equipment provided, have one of the additional notations in [2.4](#) affixed to the Character of Classification for the machinery installation.
- **FFC**: Notation for ship equipped with some fire fighting capability in addition to their regular service, but not in full compliance with or not specifically built for the service intended to be covered by the [Guidance for Equipment on Fire Fighting Ships \(Pt.4, Vol.C\)](#).
- **Skimmer (specific function)**: to be assigned to skimmer vessel intended to carry out specific function such as for trash, oil, etc.
- **Well Stimulation**: notation for self-propelled ship type vessels equipped for intervention at subsea wells with the aim to improve the operational well performance.
- **Cable Layer**: unit primarily intended for subsea cable installation. It denotes cable laying units designed and built in accordance with [Rules for Mobile Offshore Unit \(Pt.5, Vol.VI\), Sec.12.A](#)
- **Pipe Layer**: unit primarily intended for subsea pipeline installation. It denotes pipe layer units designed and built in accordance with [Rules for Mobile Offshore Unit \(Pt.5, Vol.VI\), Sec.12.A](#)
- **Rescue**: to be assigned to rescue ships.
- **Lifeboat**: to be assigned for emergency evacuation in the event of a disaster aboard a ship.
- **Offshore Crane**: to be assigned for unit engaged in the operation for the lifting of heavy loads in oil drilling and/or production operations or offshore construction.
- **Power Service**: to be assigned for vessels (including units, installations and converted vessels) intended to mount the power plant whose generated power is transferred or distributed externally that comply with full requirements of [Rules for Mobile Offshore Unit \(Pt.5, Vol.VI\) Sec.12, F.1-F.4 and F.6](#).
- **Aquaculture**: to be assigned for unit primarily intended for farming of aquatic organisms in offshore areas but not limited at sea involving interventions in the rearing process to enhance production.

2.4 Additional notation

- **FF1** : Equipment for fighting fires in the initial stage and performing rescue operations in the immediate vicinity of the installation on fire.
- **FF2** : Equipment for sustained fighting of large fires and for cooling parts of the installation on fire.
- **FF3** : Corresponding to **FF2**, but with greater fire-extinguishing capacity and more comprehensive fire-extinguishing equipment.
- **FF1/2 or FF1/3** : Equipment corresponding to **FF2** or **FF3** and additionally suited for rescue operations as per **FF1**.

Remarks:

1. Where a ship carries more than 12 passengers, as defined in SOLAS, the ship should not be considered a special purpose ship as it is a passenger ship as defined by SOLAS.
2. Examples:

✱	A100	①	P	Special Service Ship, Seismic Survey
✱	A100	①	P	Special Service Ship, Fish Carrier
✱	A100	⊕	P	Special Service Ship, Patrol
✱	A100	①	P	Special Service Ship, Pilot
✱	A100	①	P	Special Service Ship, Mooring
✱	A100	①	P	Special Service Ship, Hospital
✱	A100	①	P	Special Service Ship, Diving Support
✱	A100	①	P	Special Service Ship, Fire Fighter
✱	SM			FF2
✱	A100		V	Special Service Ship, Skimmer (Trash)
✱	A100		V	Special Service Ship, Rescue
✱	A100		V	Special Service Ship, Lifeboat
✱	A100	①	P	Special Service Ship, Offshore Crane
✱	A100	①	P	Special Service Ship, Power Service
✱	A100	①	P	Special Service Ship, Aquaculture POSMOSYS

----- *end* -----

4. Dredgers

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
Dredger	N/A	<ul style="list-style-type: none"> • Bucket • Suction • Grab • Hopper 	Rules for Hull (Pt.1, Vol.II) Sec. 32.	Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3.

4.1 Description

Dredger : Notation assigned to ships or units equipped with the dredging equipment for soils, sands, pebbles and stones at the bottom of river, harbor and sea lanes.

This notation itself (without qualifier) refers to Dredger ship.

4.2 Qualifiers

- N/A

4.3 Special notation

- **Bucket** : Notation assigned to ship carrying out dredging works in bucket type.
- **Suction** : Notation assigned to ship carrying out dredging works in suction type.
- **Grab** : Notation assigned to ship carrying out dredging works in grab type.
- **Hopper** : Notation assigned to dredger ship equipped with hopper.

4.4 Additional notation

Concerning to hull and machinery item, see [Section 3](#).

Remarks:

1. Examples:

✖	A100	①	P	Dredger, Suction
✖	A100	①	P	Dredger (Self-propelled), Grab
✖	A100	①	P-L(20)	Dredger, Grab, Hopper
✖	ASM			ASSPRO

-----end-----

M. Pontoon and Barge

2. Barge

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
Barge	<ul style="list-style-type: none"> Hatch coverless,max H_s ...m <None> 	<ul style="list-style-type: none"> Linked Pusher Barge Container Sand Crane Accommodation Piling Salvage Waste Log Oil Recovery Heavy Cargo Water Dry Bulk Cargo General Dry Cargo Floating Transfer Work Mud 	<ul style="list-style-type: none"> Rules for Hull (Pt.1, Vol.II) Sec. 31. Rules for Mobile Offshore Unit (Pt.5, Vol.VI) Sec.12 Peraturan Kapal Domestik (Pt.8, Vol.I) 	<ul style="list-style-type: none"> Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3.
	N/A	<ul style="list-style-type: none"> Pipe Layer Cable Layer Well Stimulation Offshore Crane Power Service 	<ul style="list-style-type: none"> Rules for Mobile Offshore Unit (Pt.5, Vol.VI) Sec.12 	<ul style="list-style-type: none"> Rules for Classification and Survey (Pt.5, Vol.I) Sec. 3.I Rules for Mobile Offshore Unit (Pt.5, Vol.VI) Sec.2
	N/A	<ul style="list-style-type: none"> Hopper Split Hopper 	<ul style="list-style-type: none"> Rules for Hull (Pt.1, Vol.II) Sec. 32.M. 	<ul style="list-style-type: none"> Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3.
	<ul style="list-style-type: none"> FP ≤ 60 °C FP > 60 °C 	<ul style="list-style-type: none"> Oil <p>(See also Oil Tanker)</p>	<ul style="list-style-type: none"> Rules for Hull (Pt.1, Vol.II) Sec. 24 and 31. 	<ul style="list-style-type: none"> Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3 and Section 4-I.
	<ul style="list-style-type: none"> FP ≤ 60 °C FP > 60 °C <None> 	<ul style="list-style-type: none"> Chemical (Type of tank, Type of barge, Specific cargo) <p>(See also Chemical Tanker)</p>	<ul style="list-style-type: none"> Rules for Hull (Pt.1, Vol.II) Sec. 31. Rules for Ships Carrying 	<ul style="list-style-type: none"> Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3 and Section 4-I.

			Dangerous Chemical in Bulk (Pt.1, Vol.X).	
	N/A	• Asphalt	• Rules for Hull (Pt.1, Vol.II) Sec. 24 and Sec.31	• Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3 and Section 4-I.
	N/A	• LPG Tank	• Rules for Hull (Pt.1, Vol.II) Sec.31 • Rules for Ships Carrying Liquefied Gas in Bulk (Pt.1, Vol.IX)	• Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3 and Section 4-I.
	N/A	• Aquaculture	• Guidelines for Aquaculture (Pt.5, Vol.4)	• Guidelines for Aquaculture (Pt.5, Vol.4)

2.1 Description

Barge : Notation assigned to unmanned or manned vessels, normally without self-propulsion, sailing in pushed or towed units with following characteristics:

- non-propelled unit but may be installed with insufficient propulsion, see [Section 3.B.2](#);
- the ratios of the main dimensions of barges are in a range usual for seagoing ships;
- their construction complies with the usual construction of seagoing ships;
- their cargo holds are suitable for the carriage of dry or liquid cargo.
- their cargo may be put on deck

2.2 Qualifiers

- **FP ≤ 60 °C** : assigned to Tankers intended to carry oil in bulk having a flashpoint (closed cup test) on and below 60°C.
- **FP > 60 °C** : Where it is intended to carry liquids having a flash point (closed cup test) above 60°C only
- **Hatch coverless, max Hs =...m**: Assigned for domestic Indonesian waterways barges equipped with the appropriate facilities. Refers to [Peraturan Kapal Domestik \(Bag.8, Vol.I\)](#).

2.3 Special notation

- **Linked Pusher Barge** : Notation assigned to barges which are connected and operated by pusher tug.
- **Container** : Notation assigned to barges which are constructed primarily for the carriage of containers. Barge is characterized by fixed stowage appliances in the form of cell guides as well as fixed container foundations on the deck
- **Sand** : Notation assigned to barges which are constructed primarily for the carriage of sand

- **Crane** : Notation assigned to barges with installed permanent crane (with pedestal or movable crane fixed to hull structure) engaged in lifting heavy loads and moving such loads vertically and horizontally.
- **Accommodation**: Notation assigned to barges which are constructed intended for the accommodation of persons who are industrial personnel, engaged in some aspect of offshore or related employment, excluding members of the crew.
- **Piling** : Notation assigned to barges carrying out piling works.
- **Salvage** : Notation assigned to barges carrying out salvage works.
- **Waste** : Notation assigned to barges primarily for the carriage of waste.
- **Log** : Notation assigned to barges primarily for the carriage of logs.
- **Oil Recovery** : Notation assigned to barges carrying out oil recovery works.
- **Heavy Cargo** : Notation assigned to barges which are constructed for the carriage of heavy cargoes.
- **Water** : Notation assigned to barges intended for the carriage of liquid cargoes (water) in tanks integrated with their hull structures.
- **Oil** : Notation assigned to barges which are constructed primarily for the carriage of oil in bulk.

The relevant qualifiers as well as Special notations are also to be assigned to this notation in the same manner for those of Oil Tanker. For ship type “Barge, Oil/Chemical/Dry Bulk Cargo” assigned with this additional notation will be exempted from requirement of ESP Code.

ASSPRO as additional notation for oil barge is applicable only to barges having a size of 5000 GT and less or having the high (H) of 6,5 m and less.

- **Chemical** : Notation assigned to barges which are constructed primarily for the carriage of chemicals in tanks integrated with their hull structure (liquid cargoes listed in the [Rules for Ships Carrying Dangerous Chemical in Bulk \(Pt.1, Vol.X\) Section 17](#).

The relevant qualifiers as well as Special notations are also to be assigned to this notation in the same manner for those of Chemical Tanker.

- **Hopper** : Notation assigned to barge intended to carry out dredging operation and having one or more hopper spaces in the midship region, or suction pipe well.
- **Split Hopper** : Notation assigned to hopper barge which opens longitudinally around hinges.
- **Dry Bulk Cargo** : Notation assigned to barges which are constructed primarily for the carriage of dry bulk cargoes.
- **General Dry Cargo**: Notation assigned to barge which is constructed primarily for the carriage of general dry cargoes.
- **Floating Transfer** : Notation assigned to barge which are constructed primary for the carriage of dry bulk cargoes and located in a fix position as floating transfer unit.
- **Work**: Notation assigned to barge which is intended for work services.
- **Mud** : Notation assigned to barge which are constructed primary for the carriage of mud.
- **Pipe Layer** : Notation assigned to barges carrying out pipe laying works.
- **Cable Layer** : Notation assigned to barges carrying out cable laying works
- **Well Stimulation**: Notation assigned to barge equipped for intervention at subsea wells with the aim to improve the operational well performance.
- **Offshore Crane**: Notation assigned to barge engaged with installed permanent crane in the operation for the lifting of heavy loads in oil drilling and/or production operations or offshore construction.
- **Power Service** : Notation assigned to barge intended to mount the power plant whose generated power is transferred or distributed externally that comply with full requirements of [Rules for Mobile Offshore Unit \(Pt.5, Vol.VI\) Sec.12, F.1-F.4 and F.6](#).

- **Asphalt** : Notation assigned to barge intended to carry Asphalt
- **LPG Tank** : Notation assigned to barge intended to carry LPG Tank
- **Aquaculture** : Notation assigned to barge primarily intended for farming of aquatic organisms in offshore areas but not limited at sea involving interventions in the rearing process to enhance production.

2.4 Additional notation

Additional Notation concerning material, hull item and machinery item, see [Section 3](#).

Remarks:

1. Barges may be qualified with more than one Special notation.
2. Examples:

✱	A100	①	P	BARGE, Accommodation
✱	A100	①	P	BARGE (FP > 60°C), Oil
✱	A100	①	P	BARGE (FP > 60°C), Chemical (Type 2, 2G, Palm Oil)
✱	A100	①	P	BARGE, Container and Crane
✱	A100	①	P	BARGE, Pipe Layer and Cable Layer and Salvage
✱	A100	①	PL(20)	BARGE, Split Hooper
✱	A-SM			ASSPRO
✱	A100	①	PL(20)	BARGE (FP > 60°C), Oil
✱	A-SM			ASSPRO
✱	A100	①	PL(20)	BARGE (Hatch coverless, max Hs 7 m), Container
✱	A-SM			ASSPRO
✱	A100	①	P	BARGE, Aquaculture POSMOSYS

----- end -----

Q. High Speed Craft (HSC)

1. HSC

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
HSC	• max Hs... m	<ul style="list-style-type: none"> • Passenger A • Passenger B • Cargo 	Rules for High Speed Craft (Pt.3, Vol.III)	Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3.

1.1 Description

HSC : Notation assigned to High Speed Craft, **either** carries **more than 12 passengers or cargoes**, **which is** designed and **meeting comply with** the requirement of the [Rules for High Speed Craft \(Pt.3, Vol.III\)](#).

1.2 Qualifiers

- **max Hs... m** : the permissible significant wave height (in meter) at actual craft speed.

1.3 Special notation

- **Passenger A** : assigned to **passenger** craft (up to 450 passengers) meeting the requirement of category A in the [Rules for High Speed Craft \(Pt.3, Vol.III\)](#).
- **Passenger B** : assigned to **passenger** craft (over 450 passengers) meeting the requirement of category B in the [Rules for High Speed Craft \(Pt.3, Vol.III\)](#).
- **Cargo** : Notation assigned to High Speed Craft, designed and meeting the requirement of the “cargo craft” category specified in the [Rules for High Speed Craft \(Pt.3, Vol.III\)](#)

1.4 Additional notation

- **AL** : Assigned to craft constructed of aluminium alloy
- **HTS** : Assigned to craft constructed of high tensile steel
- **FRP** : Assigned to craft constructed of fibre reinforced plastic
- **CAT** : assigned to craft with catamaran hull
- **TRI** : assigned to craft with trimaran hull
- **RORO** : Assigned to craft fitted with one or more Ro-Ro spaces.
- **DG** : Assigned to craft equipped for the carriage of dangerous goods in accordance with the [Rules for High Speed Craft \(Pt.3, Vol.III\) Section 7.17](#).

The relevant additional notation for hull and machinery item see [Section 3](#).

Remarks:

1. Example:

✱	A100	①	P	HSC, Passenger A AL, CAT
---	-------------	---	----------	-----------------------------

✱	A100	①	P	HSC, Passenger B AL, CAT
---	-------------	---	----------	-----------------------------

✠	A100	①	P	HSC, Cargo
				HTS, RO-RO, DG

✠	A100	①	P	HSC (max Hs 1,5 m) , Passenger A
				AL, CAT

----- *end* -----

Y. Shiplift and Transfer System

1. Shiplift and Transfer System

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
Shiplift and Transfer System	N/A	N/A	Guidelines for Shiplift and Transfer Systems (Pt.4, Vol.5)	Guidelines for Shiplift and Transfer Systems (Pt.4, Vol.5)

1.1 Description

Shiplift and Transfer System : to be assigned to the shiplift and transfer systems in which ship are raised and lowered by means of winches or jacks when docked on a flexible or rigid platform structure.

1.2 Qualifiers

N/A

1.3 Special notation

N/A

1.4 Additional notation

- **at** (*port/yard to be specified*)
- (*MDL x effective platform length*)

Additional notation **at**...(*port/yard to be specified*) shall be followed by (*MDL x effective platform length*). For detail information see Section 3.A.15

Remarks:

1. Example:

✱	A100	Shiplift and Transfer System at Tanjung Perak Port, 30 ton/m x 100m
✱	A100	Shiplift and Transfer System at PAL Shipyard, 30 ton/m x 100m

2. Shiplift

Notation	Qualifier	Special notation	Underlying rules/requirements	
			Design	Survey
Shiplift	N/A	N/A	Guidelines for Shiplift and Transfer Systems (Pt.4, Vol.5)	Guidelines for Shiplift and Transfer Systems (Pt.4, Vol.5)

2.1 Description

Shiplift : to be assigned to the shiplift in which ship are raised and lowered by means of winches or jacks when docked on a flexible or rigid platform structure.

2.2 Qualifiers

N/A

2.3 Special notation

N/A

2.4 Additional notation

- at (*port/yard to be specified*)
- (*MDL x effective platform length*)

Additional notation **at...**(*port/yard to be specified*) shall be followed by (*MDL x effective platform length*). For detail information see Section 3.A.15

Remarks:

1. Example:

- | | |
|---------------|--|
| ⊗ A100 | Shiplift
at Tanjung Perak Port, 30 ton/m x 100m |
| ⊗ A100 | Shiplift
at PAL Shipyard, 30 ton/m x 100m |

-----end-----

Section 3 Additional Notations

A. Additional Notations for hull

11. HSC not comply with IMO HSC Code

Additional Notations	Qualifier	Description	Underlying Rules	
			Design	Survey
HSDE	(max Hs ...m)	<p>Notation assigned to High Speed Craft constructed by using elements of the complying with both Section 3 and 6 of Rules for High Speed Craft (Pt.3, Vol.III) and which are not subject to the IMO HSC Code.</p> <p>Stability, machinery and electrical installation requirements of this craft to be complying with following requirements:</p> <ul style="list-style-type: none"> - For craft with length $L > 24$ m or more than 500 GT subject to Guidelines on Intact Stability (Pt.6, Vol.3) as far as applicable, Rules for Machinery Installation (Pt.1, Vol.III) and Rules for Electrical Installations (Pt.1, Vol.IV) respectively - For craft with length $L \leq 24$ m subject to Guidelines on Intact Stability (Pt.6, Vol.3) as far as applicable and Rules for Small Vessels up to 24 m (Pt.3, Vol.VII) for machinery and electrical installation. <p>This additional notation applies for:</p> <ul style="list-style-type: none"> - passenger craft which do not proceed in the course of their voyage more than four hours at 90% of maximum speed from a place of refuge, and - cargo craft which do not proceed in the course of their voyage more than 8 hour at 90 % of maximum speed from a place of refuge when fully laden. <p>(max Hs... m) means the permissible significant wave height (in meters) at actual craft speed.</p>	<ul style="list-style-type: none"> • Rules for High Speed Craft (Pt.3, Vol.III) • Guidelines on Intact Stability (Pt.6, Vol.3) • Rules for Machinery Installation (Pt.1, Vol.III) • Rules for Electrical Installations (Pt.1, Vol.IV) • Rules for Small Vessels up to 24 m (Pt.3, Vol.VII) 	Rules for Classification and Survey (Pt.1, Vol.I) Sec. 3.

15. Shiplift and Transfer System

Additional Notations	Qualifier	Description	Underlying Rules	
			Design	Survey
at ... (port/yard to be specified)	<None>	Additional notation to be assigned to Shiplift and Transfer System for service at..... (port/yard to be specified).	Guidelines for Shiplift and Transfer Systems (Pt.4, Vol.5)	Guidelines for Shiplift and Transfer Systems (Pt.4, Vol.5)
MDL x (effective platform length)	<None>	MDL (Maximum Distributed Load, tones/metre) x effective platform length. See Section 2.Y for example.		

----- end -----

B. Additional Notation for machinery

1. Propulsion, power generation and auxiliary systems

Additional Notations	Qualifier	Description	Underlying Rules	
			Design	Survey
OT	<None>	The machinery installation is fitted with equipment for unattended machinery spaces, so that it does not require to be operated and/ or maintained for periods of at least 24 hours.	<ul style="list-style-type: none"> Rules for Automation (Pt.1, Vol.VII) Guidelines for Automation (Pt.9, Vol.7) Sec. 2.A 	Rules for Classification and Surveys (Pt.1, Vol.I)
	nh	The period during which attendance to and maintenance of equipment is not required, is less than 24 hours, with nh indicating that the machinery space may remain unattended for n hours.		
	S	The machinery installation is operated with the engine control room permanently attended (centralized control) and is equipped with a system for remote control of the main propulsion plant from the bridge or arrangements for manoeuvring from the engine control room.		
	F	Fishing vessels: The installation is provided with a system for remote control of the main propulsion plant from the bridge.		
GF	DF	Where a dual fuel diesel engine or turbine power plant, for propulsion or auxiliary purposes, is designed, constructed and tested in accordance with these Guidelines.	Guidelines for the Use of Gas as Fuel for Ship (Pt.1, Vol.1)	N/A

Additional Notations	Qualifier	Description	Underlying Rules	
			Design	Survey
	SF	Where a single gas fuel diesel engine or turbine power plant, for propulsion or auxiliary purposes, is designed, constructed and tested in accordance with these Guidelines.		
RP	1x%	The ship has at least two propulsion machines, which are independent or can be disconnected from each other. This also applies to the auxiliary systems which are needed to operate the propulsion machines. No redundancy of propeller, shaft line, gearbox and steering system is required.	Rules for The Redundant Propulsion and Steering Systems (Pt. 1, Vol. XIII)	N/A
	2x%	The ship has at least two propulsion systems and two steering systems, each of which is independent or can be disconnected from each other. This also applies to each of the auxiliary systems which is needed to operate the propulsion and/or steering systems.		
	3x%	The ship has at least two propulsion systems and two steering systems, each of which is independent or can be disconnected from each other and is installed in separate compartments. This also applies to each of the auxiliary systems which is needed to operate the propulsion and/or steering systems.	Rules for The Redundant Propulsion and Steering Systems (Pt. 1, Vol. XIII)	N/A
RC	<None>	Crew Boats with a length $L \leq 48$ m provided with remote control of the main propulsion plant from the bridge may be assigned with this notation.	<ul style="list-style-type: none"> Rules for Crew Boat (Pt.3, Vol.X) Guidelines for Automation (Pt.9, Vol.7), Sec. 2.C. 	Rules for Classification and Surveys (Pt.1, Vol.I)
DC	<None>	Notation applicable to ships and offshore units/installations designed, constructed, or retrofitted with a DC power distribution system, where electrical power sources, vessel major loads, and/or energy storage systems are connected to the DC bus directly or via power electronic converters	Rules for Electrical Installations (Pt.1, Vol.IV)	Rules for Classification and Surveys (Pt.1, Vol.I)
Power Plant	<None>	Power unit with power generation and distribution equipment, systems, subsystems, and components that have been built, installed, and commissioned to the satisfaction of the Surveyors that	Rules for Mobile Offshore Unit (Pt.5, Vol.VI) Sec.12.F.5	Rules for Mobile Offshore Unit (Pt.5, Vol.VI) Sec.12.F.6

Additional Notations	Qualifier	Description	Underlying Rules	
			Design	Survey
		comply with requirements in Rules for Mobile Offshore Unit (Pt.5, Vol.VI).		
SP	(LV)	Additional notation is given to ship having low voltage (LV) shore power (SP) connection system which is designed, constructed and tested in accordance with the Rules.	Rules for Electrical Installations (Pt.1, Vol.IV), Sec.4, G.	Rules for Classification and Surveys (Pt.1, Vol.I)
	(Ready)	Additional notation is eligible to existing ship that has been equipped with low voltage (LV) shore connection (SP) system and complies with the requirements of the specific sub-section of the Rules.		Rules for Electrical Installations (Pt.1, Vol.IV), Annex A.