

RULES
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CHINA CLASSIFICATION SOCIETY

Rule Change Notice For
RULES FOR CLASSIFICATION OF
MOBILE OFFSHORE UNITS

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PART ONE PROVISIONS OF CLASSIFICATION

CHAPTER 2 SCOPE AND CONDITIONS OF CLASSIFICATION

Section 3 CHARACTERS OF CLASSIFICATION AND CLASS NOTATIONS

2.3.3 Characters of classification and class notations

2.3.3 Combination of characters of classification and class notations

2.3.3.1 Class notations are marked after characters of classification. The type notation, service notation and service restriction notation are necessary notations and are to be assigned together with characters of classification.

2.3.3.2 When multiple service notations are assigned, such individual notations are to be separated by the sign “/”, i.e. Drilling Unit / Workover Unit.

2.3.3.3 Every two sets of class notations are to be separated by a semicolon “;”.

2.3.3.4 Unless specifically stated otherwise, class notations are generally arranged in the sequence A–F as shown in clause 2.3.2.5 and filled in classification certification. For instance: For self-elevating drilling units constructed under the supervision by CCS, it is provided with helicopter deck facilities, strengthened for navigations in ice areas with small floating ices, and with restricted services. The characters of classification and class notations are given below:

★CSA Self-elevating Drilling Unit; HELDK; Ice class B; Service Restricted

Class Notations

Table 2.3.2.5

Class notation	Description		Technical requirements to be complied with
A Type notation			
Self-elevating	Self-elevating	Units defined in 2.1.3.1 (6) of this part	PART ONE to PART SEVEN of the Rules
Column Stabilized (Semi-submersible)	Column stabilized (semi-submersible)	Units defined in 2.1.3.1 (7) of this part	
Submersible	Submersible	Units defined in 2.1.3.1 (8) of this part	
Ship Type	Ship type	Units defined in 2.1.3.1 (9) ① of this part	
Barge Type	Barge type	Units defined in 2.1.3.1 (9) ② of this part	
Box on bottom	Box on bottom type	Units defined in 2.1.3.1 (23) of this part	
Cylindrical	Cylindrical	Units defined in 2.1.3.1 (25) of this Part	
Combined Type	Combined type	Units defined in 2.1.3.1 (26) of this Part	
B Service notation			

Class notation	Description		Technical requirements to be complied with
Drilling Unit	Drilling units	Units intended mainly for drilling operations for the exploration and exploitation of petroleum, gas or other resources beneath the sea bed	Chapter 1 of PART EIGHT of the Rules
Workover Unit	Workover units	Units intended for workover operations for the exploration and exploitation of petroleum, gas or other resources beneath the sea bed	Chapter 1 of PART EIGHT of the Rules
Accommodation Unit	Accommodation units	Units intended for personnel's accommodation, who are engaged in offshore oil and gas exploration, exploitation, wind turbine installation, submarine cable/ pipeline laying and installation, etc.	Chapter 2 of PART EIGHT of the Rules
Crane Unit	Crane units	Units provided with lifting appliances on deck, dedicated to offshore lifting operation, the notation Lifting Appliance is to be added	Chapter 3 of PART EIGHT of the Rules
Installation Maintenance Repair Unit	Installation maintenance repair units	Units provided with lifting appliances on deck, dedicated to serve the offshore installation, maintenance and repair, the notation Lifting Appliance is to be added	Chapter 3 of Part EIGHT of the Rules
Cable Laying Unit	Cable laying units	Units provided with cable laying machinery and other special equipment, dedicate to the offshore cable laying	Chapter 4 of Part EIGHT of the Rules
Pipe Laying Unit	Pipe- laying units	Units provided with pipe laying machinery and other special equipment, dedicate to the offshore pipe laying	Chapter 4 of Part EIGHT of the Rules
Drilling Support Unit	Drilling support units	Units used for supporting the offshore drilling operations	Chapter 5 of Part EIGHT of the Rules
Storage Unit	Storage units	Units used for oil storage	Chapter 6 of Part EIGHT of the Rules
Production Unit	Production units	Units used for offshore oil production and processing	Chapter 6 of Part EIGHT of the Rules
Offshore Wind Turbine Service Unit	Offshore wind turbine service unit	Units intended for offshore wind turbine installation, maintenance and overall floating transportation and installation.	Applicable requirements from PART ONE to PART SEVEN of the Rules, requirements on special function of the unit will be considered according to specific conditions. For units used for overall floating transportation and installation, the special requirements of Chapter 13 of PART EIGHT of the Rules shall also be followed.
Marine Fisheries Unit	Marine fisheries unit	Units intended for marine fisheries	Guidelines for Survey of Marine Fisheries Units

Class notation	Description		Technical requirements to be complied with
Marine Leisure Unit	Marine leisure unit	Units intended for marine leisure and tourism, providing relevant service	Chapter 7 of PART EIGHT of the Rules
Mining Unit	Mining unit	Units specially intended for exploiting deep-sea minerals, such as polymetallic nodule, cobalt-rich crusts and polymetallic sulfides on the surface or sediment of the seabed, consisting of mining system and surface support unit.	Chapters 1 to 2, Chapter 3 or 4, Sections 1 to 4 and Section 8 of Chapter 5, and Chapters 6 to 10 of the Guidelines for Deep-sea Mining Units.
Geological Survey Unit	Geological survey unit	Units intended for geological survey and test for offshore resource development, such as offshore wind farms	Chapter 8 of PART EIGHT of the Rules
Riprap Levelling Unit	Riprap levelling unit	Units intended for offshore gravel laying and leveling construction	Chapter 9 of PART EIGHT of the Rules
Scientific Research Unit	Scientific research unit	Units intended for scientific investigation and research	Chapter 10 of PART EIGHT of the Rules
Rocket Launch/Recycling Unit	Rocket launch/recycling unit	Units intended for rocket launch/recycling	Chapter 11 of PART EIGHT of the Rules
Power Generation Unit	Power generation unit	Units intended for offshore power generation	Chapter 12 of PART EIGHT of the Rules
Offshore Support Unit	Offshore support units	Units used for supporting the offshore operations (except for the above-mentioned units)	Applicable requirements specified from Part ONE to Part SEVEN of the Rules. Special features of the units will be separately considered as per special circumstances
C Special systems and facilities notation			

Class notation	Description		Technical requirements to be complied with
DP-N	Dynamic positioning systems	<p>Units fitted with dynamic positioning system may be assigned the following notations:</p> <p>DP-1: capable of keeping the position and heading of the unit under specified environmental conditions and in addition, independent, concentrated manual control of the unit's position and automatic heading control are to be fitted.</p> <p>DP-2: capable of automatically keeping the position and heading of the unit when single failure (excluding loss of a cabin or cabins) appears under specified environmental conditions and in specified operating fields.</p> <p>DP-3: capable of automatically keeping the position and heading of the unit when any failure (including entire loss of a cabin caused by fire or flood) appears under specified environmental conditions and in specified operating fields.</p> <p>If the "DP-N" notation is the only positioning method of the units, this notation shall be added.</p>	Chapter 4 of PART NINE of the Rules
DRILL	Drilling plants	Units provided with drilling plants may be assigned this notation	Guidelines for Certification of Drilling Plants
Thruster	Thrusters	Non-self-propelled units provided with relying on their own propulsion equipment to accomplish short-distance transit within operation area may be assigned with the notation	PART FOUR and Chapter 6 of PART NINE of the Rules
HELDK	Helicopter deck	Units provided with areas and structures for takeoff and landing of helicopters, and storage, fire protection and oil supply facilities for helicopters, may be assigned this notation	Chapter 5 of PART NINE of the Rules
Oil Storage Tank	Oil storage tanks	Units provided with oil storage tanks may be assigned this notation	PART SIX of Rules for Construction and Surveys of Fixed Units in Shallow Sea
PROCESS	Oil gas process system	Units provided with oil gas water process system may be assigned this notation	RULES FOR OFFSHORE OIL AND GAS PROCESS SYSTEM
PM	Position mooring system	Column-stabilized units or surface-type units provided with positional mooring system are to be added this notation	Chapter 3 of PART NINE of the Rules
PM-TA	Thruster assisted position mooring system	Column-stabilized units or surface-type units provided with thruster assisted positional mooring system are to be added this notation	Chapter 3 of PART NINE of the Rules
On Bottom Strengthened	On bottom strengthened	Column-stabilized units intended to operate on seabed are to be added this notation	Chapter 5, PART TWO of the Rules

Class notation	Description		Technical requirements to be complied with
Loading Computer	Loading computers	Units provided with approved loading computers shall be assigned this notation, with one or more of suffixes S, I and D being added thereafter. Meanings of the suffixes are as follows: S: Capable of calculating and checking hull strength under various loading conditions; I: Capable of calculating and checking intact stability; D: Capable of calculating and checking damage stability.	Appendixes 1 and 2 of Chapter 2, PART TWO of Rules for Classification of Sea-going Steel Ships; the calculation criterion shall meet the related requirements of PART THREE of the Rules
Lifting Appliance	Lifting appliances	Marine lifting appliances. Crane units and installation maintenance repair units are to be added this notation. Other units may be assigned this notation	Rules for Lifting Appliances of Ships and Offshore Installations
IGS	Inert gas systems	Units provided with inert gas systems	Applicable requirements of Chapter 10 of PART SEVEN of the Rules
MSER	Full life cycle management service for structure safety	Safety database of the unit stability and structural strength shall be established since the design phase based on the previously signed service agreement between the Owners and CCS; during operation, real-time update would be performed based on the data of unit reinstallation, survey and maintenance. CCS shall provide the technical support service of life cycle of the unit structure safety supported by the evaluation of unit structure state and dynamic state or continuous safety and emergency response.	Evaluation on Structure State and Dynamic State of Mobile Offshore Unit Structure and Guidance for Emergency Response Services
Self-Propelled	Self-Propelled Units	Units with machinery and electrical installations for self-propelling may be added this notation.	Applicable requirements from PART FOUR to PART SIX of the Rules. Self-propelled fishery aquaculture ships shall satisfy the requirements from Chapter 10 of the Guidelines for Marine Fisheries Units

Class notation	Description		Technical requirements to be complied with
MINING	Mining system	Special systems used for exploiting deep-sea minerals, such as polymetallic nodule, cobalt-rich crusts and polymetallic sulfides on the surface or sediment of the seabed, which mainly include layout/recycling system, ore cargo processing system, ore dewatering system, submarine ore collection system, underwater lifting system, tail water treatment and discharging system, control and monitoring system, power transmission and distribution system as well as the hoisting, power supply, hydraulic and compressed air system specially used for deep-sea mining operation and their affiliated pressure-bearing equipment.	Chapters 1, 2 and 5 of the Guidelines for Deep-sea Mining Units.
Telescope Gangway	Telescope Gangway	Units with telescope gangway may be added this notation	Guidelines for Offshore Telescope Gangway

Class notation	Description		Technical requirements to be complied with
HMS(x)	Hull monitoring system	<p>This notation may be assigned when monitoring sensors are installed in the hull monitoring system, but also sensors/ components monitoring other parameters are selected, where within the brackets there will be letters specifying the selected sensors/components and multiple letters are separated by a comma “,”. The following sensors/ components may be selected for the hull monitoring system:</p> <p>Gn: Sensor monitoring the global hull strain Dn: Sensor monitoring the local hull strain On: Sensor monitoring the propulsion shaft(s) output An: Sensor monitoring the axial acceleration Mn: Device for monitoring of hull rigid body motions (six degrees of freedom) Pn: Sensor monitoring the transient sea pressure acting on the hull (slamming) Sn: Sensor monitoring the liquid motion pressures in tanks (sloshing) Tn: Sensor monitoring the temperature Bn: Device for monitoring the wave Wn: Wind sensor Nn: Navigation sensors Cn: Online link to loading computer that is continuously up-dating the loading condition Note: n denotes the number of sensors or devices</p>	Guidelines for Surveys of Monitoring Systems for Structures and Equipment of Mobile Units and Offshore Installations
D Automation of the engine room and machinery notation			
AUT-0	Machinery spaces periodically unattended	Main propulsion machinery remotely controlled from BCS, machinery space including CCS periodically unattended	PART SIX of the Rules
MCC	Central control of machinery spaces	Units with this notation are to be provided with CCS and LCS. When machinery and electrical equipment are in normal operation, CCS is to be constantly attended by watch-keepers	PART SIX of the Rules
BRC	Remote control from bridge	Main propulsion machinery remotely controlled from BCS, machinery spaces constantly attended by watch-keepers.	Section 3, Chapter 4, PART SEVEN of Rules for Classification of Sea-going Steel Ships
E Green ecology notation			
E1: Green ecology notation of convention unit			

Class notation	Description		Technical requirements to be complied with
G-EP	Environmental protection	Units meeting application requirements in international conventions and codes may be assigned with the “G-EP” notation.	Rules for Green Eco-Ships
G-EP (X)		Where it is necessary to indicate further the level of environmental protection, “X” is used to represent the sub-elements as follows: OILx-- control of discharge of oil pollutants, where x is 1 or 2; EAL--environmental acceptable lubricants; IBTS--integrated bilge water treatment system; NLSx--control of discharge of noxious liquid substances, where x is 1 or 2; SC--control of discharge of sewage; GWC--control of discharge of grey water; RC--control of discharge of garbage; NECx--control of NOx emission, where x is 1 or 2; SEC--control of SOx emission; VCS/VCS-T- VOC emission control; RSCx--control of refrigeration system; INC--emission control of incineration operation on board; BC20,BC70--emission control of black carbon; AFS/AFS+-- anti-fouling systems; GPR/GPR+--green passport; GPR (EU)/GPR (EU) +--green passport (EU)	
G-ECO	Ecological protection	Units meeting application requirements in international conventions and codes may be assigned with the “G-ECO” notation.	Rules for Green Eco-Ships

Class notation	Description		Technical requirements to be complied with
G-ECO (X)		<p>Where it is necessary to indicate further the level of ecological protection, “X” is used to represent the sub-elements as follows:</p> <p>CDx-- CO₂ emission design index, where “x” represents the percentage ratio of the ship's unit's Attained EEDI value lower than the reference line value for that ship-unit;</p> <p>COM-- CO₂ emission operation management;</p> <p>BWM (T) -- ballast water treatment;</p> <p>BWM (Es) -- ballast water sequential method;</p> <p>BWM (Ef) -- ballast water flow-through method;</p> <p>BWM (Ed) -- ballast water dilution method;</p> <p>BWM (O) -- other management method of ballast water;</p> <p>BIO-- biofouling management;</p> <p>VIBx-- comfort onboard (vibration), where x is 1 or 2 or 3, and 3 means the highest grade;</p> <p>NOIx-- comfort onboard (compartment noise), where x is 1 or 2 or 3, and 3 means the highest grade;</p> <p>CLx-- comfort onboard (indoor climate), where x is 1 or 2 or 3, and 3 means the highest grade;</p> <p>UW-- underwater noise;</p> <p>RN-- ambient noise.</p>	
E2: Green ecology notation of non-convention unit			
Gd-EP	Environmental protection	<p>Units that only meet the applicable requirements of the Technical Rules for Statutory Inspection of Domestic Seagoing Ships and other regulations of Maritime Safety Administration, the PRC, may be assigned with the “Gd-EP” notation.</p>	Rules for Green Eco-Ships

Class notation	Description		Technical requirements to be complied with
Gd-EP (X)		<p>Where it is necessary to indicate further the level of environmental protection, “X” is used to represent the sub-elements as follows:</p> <p>OILx-- control of discharge of oil pollutants, where x is 1 or 2;</p> <p>EAL -- environmental acceptable lubricants;</p> <p>IBTS -- integrated bilge water treatment system;</p> <p>NLSx -- control of discharge of noxious liquid substances, where x is 1 or 2;</p> <p>SC--control of discharge of sewage;</p> <p>GWC -- control of discharge of grey water;</p> <p>RC--control of discharge of garbage;</p> <p>NECx -- control of NOx emission, where x is 1 or 2;</p> <p>SEC--control of SOx emission;</p> <p>VCS/VCS-T -- VOC emission control;</p> <p>RSCx -- control of refrigeration system;</p> <p>INC--emission control of incineration operation on board;</p> <p>GBEC -- emission control of diesel engine exhaust pollutant;</p> <p>AFS/AFS+--anti-fouling systems;</p> <p>GPR - -green passport</p>	Rules for Green Eco-Ships
Gd-ECO (X)	Ecological protection	<p>The “Gd-ECO(X)” class notation may be assigned to sea going shipsunits engaged on domestic voyages in compliance with applicable requirements of the Rules for Green Eco-Ships, where “X” represents the sub-elements as follows:</p> <p>CDx-- CO₂ emission design index, where “X” represents the percentage ratio of the ship’sunit’s Attained EEDI value lower than the reference line value for that ship unit;</p> <p>COM--CO₂ emission operation management;</p> <p>VIBx -- comfort onboard (vibration), where x is 1 or 2 or 3, and 3 means the highest grade;</p> <p>NOIx -- comfort onboard (compartment noise), where x is 1 or 2 or 3, and 3 means the highest grade;</p> <p>CLx -- comfort onboard (indoor climate), where x is 1 or 2 or 3, and 3 means the highest grade;</p> <p>UW -- underwater noise;</p> <p>RN--ambient noise.</p>	Rules for Green Eco-Ships
E3: Green ecological technology notation			

Class notation	Description		Technical requirements to be complied with
Natural Gas Fuel	Natural gas used as fuel	This notation may be assigned to the units of which main propulsion and/or auxiliary machinery uses natural gas or natural gas and fuel oil as fuel	Rules for Green Eco-Ships; Rules for Natural Gas Fuel Used in Ships
LSDF	Low-sulphur distillate fuel	Units intended to use low sulphur distillate fuel with sulphur content not exceeding 0.10% (m/m) may be assigned this notation if the requirements of the Rules for Green Eco-Ships are complied with.	Rules for Green Eco-Ships, Guidelines for the Use of Low-sulphur Distillate Fuel in Ships
AMPS	A/C shore Power Services	The class notation may be assigned to a unit fitted with an A/C shore connection system with rated voltages of 15 kV or less for power supply to units in port. Such systems are capable of transferring load between the shore supply and the unit's electrical power via blackout or temporary parallel running, so as to ensure normal operation of equipment intended to be used when generating sets of the unit are stopped	Rules for Green Eco-Ships, and Chapter 19, PART EIGHT, of Rules for Classification of Sea-going Steel Ships
SPV	Solar photovoltaic system	Units that is provided with the solar photovoltaic system and normally supplies power during operation may be assigned with this notation	Rules for Green Eco-Ships, and Chapter 2 of Guidelines for the Inspection of Solar Photovoltaic System and Lithium-Iron-Phosphate Battery System
FC-FULL	Fuel cell power generation system	This notation may be assigned provided that: the unit is not provided with other power source except the fuel cell power system, and the fuel cell power system provides power to all equipment onboard the unit (propulsion, steering gears and other essential equipment, emergency equipment as well as other equipment)	Rules for Green Eco-Ships, and PART TWO of Guidelines for Ships Using Alternative Fuels
FC-POWER 1		This notation may be assigned provided that: the unit is provided with the diesel generating set and the fuel cell power system, and the fuel cell power system provides power to essential equipment of the unit.	Rules for Green Eco-Ships, and PART TWO of Guidelines for Ships Using Alternative Fuels
FC-POWER 2		This notation may be assigned provided that: the unit is provided with the diesel generating set and the fuel cell power system, and the fuel cell power system provides power to non-essential equipment and non-emergency equipment.	Rules for Green Eco-Ships, and PART TWO of Guidelines for Ships Using Alternative Fuels
F Special features notation			

Class notation	Description		Technical requirements to be complied with
PSPC	Protective coating	<p>Units of which specific spaces comply with IMO Performance Standard for Protective Coatings may be assigned this notation, with one or more of suffixes B, C, D and V being added thereafter. Meanings of the suffixes are as follows:</p> <p>B: protective coatings applied in dedicated seawater ballast tanks of all types of shipsunits;</p> <p>C: protective coatings applied at crude oil tanks of storage units;</p> <p>D: protective coatings applied in double-side skin spaces;</p> <p>V: protective coatings applied in void spaces of bulk carriers and oil tankers.</p> <p>Note: B, C, D and V can operate both separately and together.</p>	PSPC(B) and PSPC(D) are to comply with the requirements of IMO resolution MSC.215(82); PSPC(C) is to comply with the requirements of IMO resolution MSC.288(87); PSPC(V) is to comply with the requirements of IMO resolution MSC.244(83)
Ice Class B1*	Navigation in waters covered by first-year ice ^①	Navigation in severe ice conditions, not requiring ice breaker assistance. Maximum and minimum ice class draughts fore, amidships and aft, and minimum required main engine output to be stated in classification certificate	Chapter 4, PART TWO and Chapter 14, PART THREE of Rules for Classification of Sea-going Steel Ships ^{②③}
Ice Class B1		Navigation in severe ice conditions and if necessary, with ice breaker assistance. Maximum and minimum ice class draughts fore, amidships and aft, and minimum required main engine output to be stated in classification certificate	
Ice Class B2		Normal navigation in intermediate ice conditions and if needed, with ice breaker assistance. Maximum and minimum ice class draughts fore, amidships and aft, and minimum required main engine output to be stated in classification certificate	
Ice Class B3		Normal navigation in light ice conditions and if needed, with ice breaker assistance. Maximum and minimum ice class draughts fore, amidships and aft, and minimum required main engine output to be stated in classification certificate	

^① Northern Baltic Sea in winter, Bohai Sea in winter, northern Huanghai Sea in winter, etc.

^② Attention shall be paid to relevant special requirements of international industrial organizations and oil companies.

^③ This notation is only applicable for mobile units navigating in waters covered by first-year. Note the effect of low-temperature environment of the target waters on units, e.g. overall performance, structure and equipment.

Class notation	Description		Technical requirements to be complied with
Ice Class B		Floating ice condition	
i-Unit (Ai, Ri, Nx, Hx, Mx, Ex,I)	Intelligent unit	<p>“i-Unit” intelligent unit class notation is assigned to units with functions of intelligent navigation, intelligent hull, intelligent machinery, intelligent energy efficiency management, intelligent cargo management, intelligent integration platform, remote control and autonomous operation. Each function corresponds to a functional notation as follows:</p> <p>Ai– functional notation for autonomous operation; Ri– functional notation for remote control; Nx – functional notation for intelligent navigation; Hx – functional notation for intelligent hull; Mx – functional notation for intelligent machinery; Ex – functional notation for intelligent energy efficiency management; I – functional notation for intelligent integration platform; i – numbers such as 1, 2, 3, indicating the scope and degree of remote control and autonomous operation. Only one corresponding number can be selected according to the specific functions of the ship unit. Detailed requirements are given in Chapters 8 to 9 of the Rules for Intelligent Ships; x – additional notation for optional function. One lower case letter stands for one additional notation for function and a functional notation may have multiple additional notations for function, which are to be separated by comma. Detailed requirements are given in Chapters 2 to 7 of the Rules for Intelligent Ships. If one functional notation has already covered the function of another notation, only one notation is assigned.</p>	<p>Rules for Intelligent Ships, Guidelines for Surveys of Intelligent Energy Efficiency Management of Ships, Guidelines for Surveys of Intelligent Machinery of Ships, Guidelines for Surveys of Intelligent Integration Platform of Ships</p>

Class notation	Description		Technical requirements to be complied with
		<p>Note 1: Units, for which i-Unit (E), i-Unit(Es) and i-Unit (Et) class notations are requested, are also to meet the relevant requirements of Guidelines for Surveys of Intelligent Energy Efficiency Management of Ships;</p> <p>Note 2: Units, for which i-Unit (Mx) class notation is requested, are also to meet the relevant requirements of Guidelines for Surveys of Intelligent Machinery of Ships;</p> <p>Note 3: Units, for which i-Unit (I) class notation is requested, are also to meet the relevant requirements of Guidelines for Surveys of Intelligent Integration Platform of Ships</p>	
<p>Cyber Security (M, P[SL0]/S[SLX])</p>	<p>Cyber Security of units</p>	<p>This notation may be assigned to units with satisfactory results of the assessment of cyber security, where:</p> <p>M represents compliance with the requirements of cyber risk management;</p> <p>P[SL0] represents compliance with minimum cyber resilience requirements;</p> <p>S[SLX] represents compliance with related cyber security requirements corresponding to [SL1/SL2/SL3/SL4], where SL4 is the highest level</p> <p>Note: Mobile offshore drilling units of 500 GT and upwards, and Self-propelled mobile offshore units engaged in construction (i.e. wind turbine installation maintenance and repair, crane units, drilling tenders, accommodation, etc) contracted for construction on or after 1 July 2024 shall satisfy the requirements of 4.2.1.4 of this PART.</p>	<p>Guidelines for Ship Cyber Security</p>
G Special survey notation			
<p>CMS</p>	<p>Continuous machinery surveys</p>	<p>Where continuous survey system for machinery is adopted in lieu of special survey and items required in special survey are to be surveyed in regular rotation with uniform annual share within the five-year class period, this notation may be assigned</p>	<p>Chapter 5 of PART ONE of the Rules, and Guidelines for the Implementation of Continuous Machinery Survey on Offshore Mobile Units</p>
<p>PMS</p>	<p>Planned maintenance scheme (PMS) for machinery</p>	<p>This notation may be assigned to units for which CCS-approved PMS is adopted as an alternative to special or continuous (if adopted) survey of machinery and electrical installations</p>	<p>Appendix 1 of Chapter 5 in PART ONE of the Rules</p>

Class notation	Description		Technical requirements to be complied with
IWS	In-water survey	Units suitable for in-water surveys in lieu of examinations of the outside of their bottom and related items in dry dock may be assigned this notation	Chapter 7, PART EIGHT of the Rules
TOFD (B**+J**)	Time-of-flight-diffraction (TOFD)	When the following welds are tested by TOFD, if the testing percentage complies with the following requirements, the corresponding notations may be assigned upon application by the ship owner. TOFD (B**+J**): B** is the percentage of section butt welds tested by TOFD; J** is the percentage of plate butt welds tested by TOFD. The percentage ranges from 20% to 100%, with 10% as the interval, e.g. TOFD(B40%+J20%), PAUT-BUTT (B40%+J20%). Butt welds of the main members contributing to the overall structural strength of the unit (thickness≥35 mm).	Guidelines for the Application of Time-Of-Flight Diffraction (TOFD) and Phased Array Ultrasonic Testing (PAUT) Techniques
PAUT-Butt (B**+J**)	Butt welds tested by Phased array ultrasonic testing (PAUT)	When the following welds are tested by PAUT, if the testing percentage complies with the following requirements, the corresponding notations may be assigned upon application by the ship owner. PAUT-Butt(B**+J**): B** is the percentage of section butt welds tested by PAUT; J** is the percentage of plate butt welds tested by PAUT. The percentage ranges from 20% to 100%, with 10% as the interval, e.g. TOFD(B40%+J20%), PAUT-BUTT (B40%+J20%)..... Butt welds of the main members contributing to the overall structural strength of the unit (thickness≥35 mm).	Guidelines for the Application of Time-Of-Flight Diffraction (TOFD) and Phased Array Ultrasonic Testing (PAUT) Techniques
H Service restriction notation			
Service Restricted	Service restricted	Units restricted to operate in sheltered areas, with the design wind velocity of normal working condition less than 36 m/s, but no less than 25.8 m/s, is to be added this notation. In addition, the restricted operating conditions of unit are specified in the operation manual	Chapter 2, PART TWO and Chapter 2, PART THREE of the Rules

CHAPTER 4 SURVEYS DURING CONSTRUCTION

Section 2 SURVEYS AND TESTS

4.2.1 General requirements

4.2.1.1 The Surveyor is to carry out surveys according to approved plans (including comments) and confirm the actions taken by the unit builder to implement the plans, and feed different opinions of the unit builder on the implementation of approved plans and associated comments back to the plan approval department in time.

4.2.1.2 The unit builder is to prepare, as required by the rule, lists of certified products for the unit intended to be built, according to Appendices 1 to 3 of Chapter 3 of this part in this rules and submit them to the attending Surveyor for confirmation.

4.2.1.3 Use of materials containing asbestos has been prohibited for all units since 1 January 2012.

4.2.1.4 Mobile offshore drilling units of 500 GT and upwards, and Self-propelled mobile offshore units engaged in construction (i.e. wind turbine installation maintenance and repair, crane units, drilling tenders, accommodation, etc) contracted for construction on or after 1 July 2024 shall satisfy the requirements of SL0 in CCS Guidelines for Ship Cyber Security at least.