Rules for the Classification of Steel Ships(Draft)

(Rules for the Classification of Mobile Offshore Units)

(Development Input)

Hull Rule Development Team

- Main Amendments -

(1) Effective date : 1 Jul 2021

- 103.(3), Sec. 1, Ch 4
- 201., Sec. 2, Ch 6

Present	Amendment	Reason
CHAPTER 4 Design condition **Section 1 Design loads** **101.~ 102. <omitted>** **103. Wave loads** **1.~ 3. <omitted>** **4.** In calculating wind loads, the following requirements are to be applied. (1) The wave loads are to be calculated, based on acceptable wave theories appropriate to the design depth of water at the operation area subject to the approval by the Society. The wave loads, however, may be determined from the tank test approved by the Society on a model of the unit. (2) Waves from all directions are to be considered on the unit. (3) The wave loads produced by shipping water on the deck, the loads acting directly on the immersed elements of the unit and the loads resulting from heeled positions or accelerations due to its motion are also to be considered. (4) The vibration induced by waves is also to be considered. **<omitted>**	**CHAPTER 4 Design condition** **Section 1 Design loads** **101.~ 102. <omitted>** **103. Wave loads** **1.~ 3. <omitted>** **4.** In calculating wind loads, the following requirements are to be applied. (1) The wave loads are to be calculated, based on acceptable wave theories appropriate to the design depth of water at the operation area subject to the approval by the Society. The wave loads, however, may be determined from the tank test approved by the Society on a model of the unit. (2) Waves from all directions are to be considered on the unit. (3) The wave loads produced by shipping water on the deck(Green water load), the loads acting directly on the immersed elements of the unit and the loads resulting from heeled positions or accelerations due to its motion are also to be considered. (4) The vibration induced by waves is also to be considered. **<omitted>**	to define detail load name

Present	Amendment	Reason
CHAPTER 6 WATERTIGHT INTEGRITY **Section 2 Closing Appliances** 201. General The construction and closing appliances of openings through which the sea water is likely to flow in are to be in accordance with the requirements in **Pt 4, Ch 3, Sec 3** of **Rules for the Classification of Steel Ships** and International Convention on Load Lines, except that those which are provided in column-stabilized units, which are not located within areas of calculated immersion and for which special considerations are given, are to be at the discretion of the Society. **<omitted>**	**CHAPTER 6 WATERTIGHT INTEGRITY** **Section 2 Closing Appliances** 201. General The construction and closing appliances of openings through which the sea water is likely to flow in are to be in accordance with the requirements in **Pt 4, Ch 3, Sec 3** of **Rules for the Classification of Steel Ships** and International Convention on Load Lines, except that those which are provided in column-stabilized units, which are not located within areas of calculated immersion and for which special considerations are given, are to be at the discretion of the Society. In case of unmanned structure, the special consideration (ex; installation of double door or double closing appliances) is to be applied to weathertight/watertight integrity of equipment on the freeboard deck. **<omitted>**	to add requirements for unmanned structure