

Anchoring in Deep and Unsheltered Waters

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Guidance Pt 4 Hull Equipment Annex 4-3	on or after 1 July 2019(contracts for construction)

■ Major Amendments

○ Reason for Amendments

newly added the requirement of anchoring in Deep and Unsheltered Waters by reflecting IACS Rec 10(Rev 3)

○ Amendments

- The requirements in this Annex are applicable to anchoring equipment for ships with a rule length of not less than 135m in deep and unsheltered water.
- Assumed conditions
 - 1) water depth up to 120 m
 - 2) current up to 1.54 m/s, wind up to 14 m/s, waves with significant height of up to 3 m
- to be installed anchors and chain cables suitable for the Equipment Number for deep and unsheltered water
- Anchors: stockless high holding power (HHP) type
- Chain cables for bower anchors: stud link chain cables of Grade 2 or Grade 3 quality
- Anchor windlass design and testing and the chain stopper design is to be in accordance with Pt 5, Ch 8 of the Rules.
- Assigned ADUW notation

○ **Impact Analysis**

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection : Anchoring equipment regulations in Deep and Unsheltered Waters have been newly established to enhance safety.

- ✓ Indication of any impact on net and gross scantling : N/A