

New Additional Notation for Strengthened Container Securing

■ Summary of Major Amendments

Related Rules/Guidance	Effective date
Pt. 7 Ships of Special Services, Guidance for Approval of Manufacturing Process and Type Approval, Etc.	– 8 th April 2021 (the date of which application for survey is submitted)

■ Major Amendments

○ Reason for Amendments

1. In spite of the strengthening of the structure of container ships, one of the causes of continuous container loss accidents at sea is the lack of containers securing strength on deck. Standards for strengthened container securing devices and additional notations were newly established.

○ Amendments

1. In case of using strengthened twistlock, midlock or bottom socket, the special feature notations HHS(High Holding Securing) or HHT(High Holding Twistlock) are given.
 - strengthened Twistlock/Midlock/Btm socket: HHS,
 - strengthened Twistlock/Midlock: HHT
2. Strengthened test requirements for securing devices
 - Type test: increase of Breaking load(2 times of SWL → 3 times of SWL)
 - Function test: manual/semi-automatic/automatic test for twistlock, step 4 test added(test load 500kN), fully automatic twistlock operation test direction(single direction → both direction)
 - Vertical clearance between container edge and twistlock: increased from 20 mm to 15 mm

○ Impact Analysis

- ✓ Indication of any impact on and/or contribution to safety, security or environmental protection

: Reduction of container loss accidents at sea.

✓ Indication of any impact on net and gross scantlings

: N/A