

Main changes in NR217 - Rules for the classification of Inland Navigation Vessels

Classification and Surveys - PART A

1. Harmonisation of Rules' structure, wording and terminology with NR467.
2. Extension of Rules application to hull materials other than steel.
3. Two possible ranges of navigation IN, former IN(Hmax=0,6) and IN(x<= 2).
4. Additional class notation "Equipped for transport of passengers" deleted.
5. Implementation of the requirements for thickness measurements as new appendix replacing the Rule Note NR597.
6. Deletion of the requirements for confirmation of term survey.
7. Implementation of survey requirements for propeller shafts, propellers and other propulsion systems in a separate section.
8. Additional survey requirements for additional service features implemented in a separate section.
9. Implementation of survey requirements for additional service features A, C, W, Gasfuel, Dualfuel and Battery system.

Hull Design and Construction - PART B

1. Extension of Rules application to hull materials other than steel.
2. New definition of the navigation coefficient and, accordingly, adaptation of formulae for wave loads and other wave-dependent parameters.
3. Modification of the corrosion addition for structures made of stainless steel or aluminium alloys.
4. New formulae for estimated still water bending moments.
5. Except for pillars, DIN 18800 (NR522 – July 2009) is made the only buckling strength reference for all structural items, using the wave loads calculated at 10^{-8} probability level.
6. Implementation of the requirements for direct calculation of structural members and fillet welds in a separate section.
7. Revision of the requirements for hull girder global strength.
8. Revision of the requirements for hull scantling.
9. Revision of the requirements for rudder scantling.
10. Implementation of strength check criteria for supporting structure of hull equipment.
11. Implementation of strength check criteria for lifting appliances hull connections.
12. Revision of the requirements related to welding and weld connections.

Machinery, Systems and Electricity - PART C

1. Harmonisation of Rules' structure and, at some extent, Rules' content with NR467.
2. Part C organised in 4 chapters.
3. Requirements related to electrical installations have been implemented in 2 separate chapters according to their specificities
 - Chapter 2 - Electrical installations
 - Chapter 3 - Automation
4. Chapters 2 and 3 organised according to NR467 but, in general, with specific inland dedicated content.
5. Requirements related to fire protection, detection and extinction
 - Implemented as chapter 4
 - Extension of the application to hull materials other than steel.

Additional Requirements for Notations - PART D

1. General update of the requirements to take into account the hull material specificities.
2. Revision of the requirements related to service notation "passenger vessel".
3. Implementation of specific fire precautions for vessels assigned additional class notation "Ferry".
4. Estuary plus: the value of minimum required draught at the most forward point of the keel has been modified.
5. Implementation of specific requirements related to structural integrity for Ferry assigned additional class notation "Fire".
6. Harmonisation of the requirements for pollution prevention - related additional class notations with NR467.
7. Transport of dangerous goods:
 - implementation of the requirements for membrane tanks
 - relaxation of explosion protection measures for cofferdams on DG-C and DG-N tankers
 - adaptation of the requirements in line with the updates brought to the list of dangerous goods accepted for carriage in tank vessels.
8. Update of the list of dangerous goods accepted for carriage in tank vessels.