
RULES FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS

Part PS **Floating Offshore Facilities for Crude
Oil/ Petroleum Gas Production,
Storage and Offloading**

RULES

2011 AMENDMENT NO.1

Rule No.27 30th June 2011

Resolved by Technical Committee on 3rd February 2011

Approved by Board of Directors on 25th February 2011

“Rules for the survey and construction of steel ships” has been partly amended as follows:

Part PS FLOATING OFFSHORE FACILITIES FOR CRUDE OIL/PETROLEUM GAS PRODUCTION, STORAGE AND OFFLOADING

Chapter 3 HULL CONSTRUCTION AND EQUIPMENT

3.5.2 Local Strength

Sub-paragraph -1 has been amended as follows.

- 1** Shell plating, decks, tank bulkheads, helicopter decks and the stiffeners which support them are to be in accordance with the relevant requirements of **7.3.1**, ~~and 7.6~~ and **16.3.1, Part P, Part C, or Part CSR-T**. In such cases, corrosion margins are to be in accordance with **3.8.3**.
- 2** The structural strength of the parts which support mooring systems is to be capable of withstanding the breaking loads of mooring lines.
- 3** In cases where the difference between the natural periods of rolling and pitching of a Floating Offshore Facility and the period of oscillation of the liquid in tanks is less than 20% of the natural periods of oscillation of such liquid, an estimation of the dynamic loads due to sloshing and structural analysis are to be carried out applying the provisions specified in **3.4.2-1**. In such cases, the stress of internal tank structures such as bulkheads, etc. is not to be greater than the allowable stress specified in **7.2.2** and **7.2.3, Part P**.

EFFECTIVE DATE AND APPLICATION

- 1.** The effective date of the amendments is 1 January 2012.
- 2.** Notwithstanding the amendments to the Rules, the current requirements may apply to units the keels of which were laid or which were at *a similar stage of construction* before the effective date.
(Note) The term “*a similar stage of construction*” means the stage at which the construction identifiable with a specific unit begins and the assembly of that unit has commenced comprising at least 50 tonnes or 1% of the estimated mass of all structural material, whichever is the less.