

## Main Changes

### NR542 - Classification of Floating Gas Units

The main changes in Bureau Veritas NR542 classification of floating gas units June 2025 edition with respect to the previous edition (May 2019) are as follows.

#### Rules history

<b>May 2025 edition</b> <b>entry into force on June 1, 2025</b>  <b>Contents</b>	<b>Previous edition: May 2019</b> <b>entry into force on May 1, 2019</b>  <b>Contents</b>
<b>NR542 – Classification of floating gas units</b> [NR542.DT R05 E June 2025]	<b>NR542 – Classification of floating gas units</b> [NR542 DT R04 E May 2019]

#### Section 1 - General

##### Additional Class Notations

Notation	Description	Reference
<b>SUR2SUB</b>	Introduction of a new notation <b>SUR2SUB</b> covering risers, umbilical and power cable systems. This notation replaces the notation <b>RIPRO</b> .	Sec 1, [1.2.4]

##### Other Changes

Topic	Description	Reference
In-service surveys	Addition of a reference to Offshore Rules for in-service inspection	Sec 1, [1.1]
Offloading	Clarification of the scope of class related to offloading equipment	Sec 1, [1.3.1]
Reference documents	Addition of a " sub-article giving the reference documents	Sec 1, [1.9]

#### Section 9 – Cargo Containment System

##### Other Changes

Topic	Description	Reference
Accidental design conditions	Clarifications of the accidental conditions to be considered for the evaluation of the tank primary supporting members and supports	Sec 9, [1.3]
Membrane tanks	Update of the requirements for the scantlings of the hull structure supporting the membra,e	Sec 9, [3]
Scantlings of type A independent tanks	Update of the requirements for the scantlings of Type A independent tanks (plating, ordinary stiffeners and primary supporting members)	Sec 9, [4]
Scantlings of type B independent tanks	Update of the requirements for the scantlings of Type B independent tanks (plating, ordinary stiffeners and primary supporting members)	Sec 9, [5]
Scantlings of type C independent tanks	Update of the requirements for the scantlings of Type C independent tanks	Sec 9, [6]
Supports of independent tanks	Update of the requirements for the supports of independent tanks	Sec 9, [7]



## Section 13 – Topside Arrangement and Systems

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### Other Changes

Topic	Description	Reference
Topside Arrangement and Systems	Clarification of the requirements applicable to all units covered by NR 542, as well as the requirements in the event of the assignment of additional class notations PROC-GL and <b>PROC-GP</b> .	Sec 13

## Section 18 – Swivels and Turrets Compartments

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### Other Changes

Topic	Description	Reference
Marine riser systems	Deletion of the requirements related to marine risers systems. These requirements are now given in NR445, Pt D, Ch 1, Sec 21 for the assignment of the notation <b>SUR2SUB</b> replacing the notation <b>RIPRO</b> .	Sec 18