



**BUREAU
VERITAS**

Rules for the Classification of Offshore Units

NR 445

AMENDMENTS

November 2022

These sheets contain amendments within the following Sections of December 2016 issue of the *Rules for the Classification of Offshore Units*.

These amendments are cumulative with amendments February 2019.

These amendments are effective from November 1st, 2022.

Part	Volume	Chapter	Section / Appendix
Part A	<i>NR 445 A1 DT R05 E</i>	Ch 1	Sec 2, App 1
		Ch 2	Sec 1, Sec 5, Sec 6, Sec 7, Sec 9, Sec 10, App 1
Part B	<i>NR 445 B1 DT R05 E</i>	Ch 1	Sec 1
		Ch 2	Sec 2
		Ch 3	Sec 1
Part C	<i>NR 445 C1 DT R05 E</i>	Ch 1	Sec 3, Sec 7, Sec 8
		Ch 4	Sec 3, Sec 5, Sec 6, Sec 10
Part D	<i>NR 445 C1 DT R07 E</i>	Ch 1	Sec 1, Sec 2, Sec 8, Sec 11



1. INDEPENDENCE OF THE SOCIETY AND APPLICABLE TERMS

- 1.1 The Society shall remain at all times an independent contractor and neither the Society nor any of its officers, employees, servants, agents or subcontractors shall be or act as an employee, servant or agent of any other party hereto in the performance of the Services.
- 1.2 The operations of the Society in providing its Services are exclusively conducted by way of random inspections and do not, in any circumstances, involve monitoring or exhaustive verification.
- 1.3 The Society acts as a services provider. This cannot be construed as an obligation bearing on the Society to obtain a result or as a warranty. The Society is not and may not be considered as an underwriter, broker in Unit's sale or chartering, expert in Unit's valuation, consulting engineer, controller, naval architect, designer, manufacturer, shipbuilder, repair or conversion yard, charterer or shipowner; none of the above listed being relieved from any of their expressed or implied obligations as a result of the interventions of the Society.
- 1.4 Only the Society is qualified to apply and interpret its Rules.
- 1.5 The Client acknowledges the latest versions of the Conditions and of the applicable Rules applying to the Services' performance.
- 1.6 Unless an express written agreement is made between the Parties on the applicable Rules, the applicable Rules shall be the Rules applicable at the time of entering into the relevant contract for the performance of the Services.
- 1.7 The Services' performance is solely based on the Conditions. No other terms shall apply whether express or implied.

2. DEFINITIONS

- 2.1 "Certificate(s)" means classification or statutory certificates, attestations and reports following the Society's intervention.
- 2.2 "Certification" means the activity of certification in application of national and international regulations or standards ("Applicable Referential"), in particular by delegation from different governments that can result in the issuance of a Certificate.
- 2.3 "Classification" means the classification of a Unit that can result or not in the issuance of a classification Certificate with reference to the Rules. Classification (or Certification as defined in clause 2.2) is an appraisalment given by the Society to the Client, at a certain date, following surveys by its surveyors on the level of compliance of the Unit to the Society's Rules and/or to Applicable Referential for the Services provided. They cannot be construed as an implied or express warranty of safety, fitness for the purpose, seaworthiness of the Unit or of its value for sale, insurance or chartering.
- 2.4 "Client" means the Party and/or its representative requesting the Services.
- 2.5 "Conditions" means the terms and conditions set out in the present document.
- 2.6 "Industry Practice" means international maritime and/or offshore industry practices.
- 2.7 "Intellectual Property" means all patents, rights to inventions, utility models, copyright and related rights, trade marks, logos, service marks, trade dress, business and domain names, rights in trade dress or get-up, rights in goodwill or to sue for passing off, unfair competition rights, rights in designs, rights in computer software, database rights, topography rights, moral rights, rights in confidential information (including know-how and trade secrets), methods and protocols for Services, and any other intellectual property rights, in each case whether capable of registration, registered or unregistered and including all applications for and renewals, reversions or extensions of such rights, and all similar or equivalent rights or forms of protection in any part of the world.
- 2.8 "Parties" means the Society and Client together.
- 2.9 "Party" means the Society or the Client.
- 2.10 "Register" means the public electronic register of ships updated regularly by the Society.
- 2.11 "Rules" means the Society's classification rules (available online on veristar.com), guidance notes and other documents. The Society's Rules take into account at the date of their preparation the state of currently available and proven technical minimum requirements but are not a standard or a code of construction neither a guide for maintenance, a safety handbook or a guide of professional practices, all of which are assumed to be known in detail and carefully followed at all times by the Client.
- 2.12 "Services" means the services set out in clauses 2.2 and 2.3 but also other services related to Classification and Certification such as, but not limited to: ship and company safety management certification, ship and port security certification, maritime labour certification, training activities, all activities and duties incidental thereto such as documentation on any supporting means, software, instrumentation, measurements, tests and trials on board. The Services are carried out by the Society according to the Rules and/or the Applicable Referential and to the Bureau Veritas' Code of Ethics. The Society shall perform the Services according to the applicable national and international standards and Industry Practice and always on the assumption that the Client is aware of such standards and Industry Practice.
- 2.13 "Society" means the classification society 'Bureau Veritas Marine & Offshore SAS', a company organized and existing under the laws of France, registered in Nanterre under number 821 131 844, or any other legal entity of Bureau Veritas Group as may be specified in the relevant contract, and whose main activities are Classification and Certification of ships or offshore units.
- 2.14 "Unit" means any ship or vessel or offshore unit or structure of any type or part of it or system whether linked to shore, river bed or sea bed or not, whether operated or located at sea or in inland waters or partly on land, including submarines, hovercrafts, drilling rigs, offshore installations of any type and of any purpose, their related and ancillary equipment, subsea or not, such as well head and pipelines, mooring legs and mooring points or otherwise as decided by the Society.

- 3.1 Subject to the Services requested and always by reference to the Rules, and/or to the Applicable Referential, the Society shall:
 - review the construction arrangements of the Unit as shown on the documents provided by the Client;
 - conduct the Unit surveys at the place of the Unit construction;
 - class the Unit and enter the Unit's class in the Society's Register;
 - survey the Unit periodically in service to note whether the requirements for the maintenance of class are met.The Client shall inform the Society without delay of any circumstances which may cause any changes on the conducted surveys or Services.
- 3.2 The Society will not:
 - declare the acceptance or commissioning of a Unit, nor its construction in conformity with its design, such activities remaining under the exclusive responsibility of the Unit's owner or builder;
 - engage in any work relating to the design, construction, production or repair checks, neither in the operation of the Unit or the Unit's trade, neither in any advisory services, and cannot be held liable on those accounts.

3. SCOPE AND PERFORMANCE

- 3.1 Subject to the Services requested and always by reference to the Rules, and/or to the Applicable Referential, the Society shall:
 - review the construction arrangements of the Unit as shown on the documents provided by the Client;
 - conduct the Unit surveys at the place of the Unit construction;
 - class the Unit and enter the Unit's class in the Society's Register;
 - survey the Unit periodically in service to note whether the requirements for the maintenance of class are met.The Client shall inform the Society without delay of any circumstances which may cause any changes on the conducted surveys or Services.
- 3.2 The Society will not:
 - declare the acceptance or commissioning of a Unit, nor its construction in conformity with its design, such activities remaining under the exclusive responsibility of the Unit's owner or builder;
 - engage in any work relating to the design, construction, production or repair checks, neither in the operation of the Unit or the Unit's trade, neither in any advisory services, and cannot be held liable on those accounts.

4. RESERVATION CLAUSE

- 4.1 The Client shall always: (i) maintain the Unit in good condition after surveys; (ii) present the Unit for surveys; and (iii) inform the Society in due time of any circumstances that may affect the given appraisalment of the Unit or cause to modify the scope of the Services.
- 4.2 Certificates are only valid if issued by the Society.
- 4.3 The Society has entire control over the Certificates issued and may at any time withdraw a Certificate at its entire discretion including, but not limited to, in the following situations: where the Client fails to comply in due time with instructions of the Society or where the Client fails to pay in accordance with clause 6.2 hereunder.
- 4.4 The Society may at times and at its sole discretion give an opinion on a design or any technical element that would 'in principle' be acceptable to the Society. This opinion shall not presume on the final issuance of any Certificate nor on its content in the event of the actual issuance of a Certificate. This opinion shall only be an appraisalment made by the Society which shall not be held liable for it.

5. ACCESS AND SAFETY

- 5.1 The Client shall give to the Society all access and information necessary for the efficient performance of the requested Services. The Client shall be the sole responsible for the conditions of presentation of the Unit for tests, trials and surveys and the conditions under which tests and trials are carried out. Any information, drawing, etc. required for the performance of the Services must be made available in due time.
- 5.2 The Client shall notify the Society of any relevant safety issue and shall take all necessary safety-related measures to ensure a safe work environment for the Society or any of its officers, employees, servants, agents or subcontractors and shall comply with all applicable safety regulations.

6. PAYMENT OF INVOICES

- 6.1 The provision of the Services by the Society, whether complete or not, involves, for the part carried out, the payment of fees thirty (30) days upon issuance of the invoice.
- 6.2 Without prejudice to any other rights hereunder, in case of Client's payment default, the Society shall be entitled to charge, in addition to the amount not properly paid, interest equal to twelve (12) months LIBOR plus two (2)

per-cent as of due date calculated on the number of days such payment is delinquent. The Society shall also have the right to withhold Certificates and other documents and/or to suspend or revoke the validity of Certificates.

- 6.3 In case of dispute on the invoice amount, the undisputed portion of the invoice shall be paid and an explanation on the dispute shall accompany payment so that action can be taken to resolve the dispute.

7. LIABILITY

- 7.1 The Society bears no liability for consequential loss. For the purpose of this clause consequential loss shall include, without limitation:
 - Indirect or consequential loss;
 - Any loss and/or deferral of production, loss of product, loss of use, loss of bargain, loss of revenue, loss of profit or anticipated profit, loss of business and business interruption, in each case whether direct or indirect.The Client shall defend, release, save, indemnify, defend and hold harmless the Society from the Client's own consequential loss regardless of cause.
- 7.2 Except in case of wilful misconduct of the Society, death or bodily injury caused by the Society's negligence and any other liability that could not be, by law, limited, the Society's maximum liability towards the Client is limited to one hundred and fifty per-cent (150%) of the price paid by the Client to the Society for the Services having caused the damage. This limit applies to any liability of whatsoever nature and howsoever arising, including fault by the Society, breach of contract, breach of warranty, tort, strict liability, breach of statute.
- 7.3 All claims shall be presented to the Society in writing within three (3) months of the completion of Services' performance or (if later) the date when the events which are relied on were first discovered by the Client. Any claim not so presented as defined above shall be deemed waived and absolutely time barred.

8. INDEMNITY CLAUSE

- 8.1 The Client shall defend, release, save, indemnify and hold harmless the Society from and against any and all claims, demands, lawsuits or actions for damages, including legal fees, for harm or loss to persons and/or property tangible, intangible or otherwise which may be brought against the Society, incidental to, arising out of or in connection with the performance of the Services (including for damages arising out of or in connection with opinions delivered according to clause 4.4 above) except for those claims caused solely and completely by the gross negligence of the Society, its officers, employees, servants, agents or subcontractors.

9. TERMINATION

- 9.1 The Parties shall have the right to terminate the Services (and the relevant contract) for convenience after giving the other Party thirty (30) days' written notice, and without prejudice to clause 6 above.
- 9.2 The Services shall be automatically and immediately terminated in the event the Client can no longer establish any form of interest in the Unit (e.g. sale, scrapping).
- 9.3 The Classification granted to the concerned Unit and the previously issued Certificates shall remain valid until the date of effect of the termination notice issued, or immediately in the event of termination under clause 9.2, subject to compliance with clause 4.1 and 6 above.
- 9.4 In the event where, in the reasonable opinion of the Society, the Client is in breach, or is suspected to be in breach of clause 16 of the Conditions, the Society shall have the right to terminate the Services (and the relevant contracts associated) with immediate effect.

10. FORCE MAJEURE

- 10.1 Neither Party shall be responsible or liable for any failure to fulfil any term or provision of the Conditions if and to the extent that fulfillment has been delayed or temporarily prevented by a force majeure occurrence without the fault or negligence of the Party affected and which, by the exercise of reasonable diligence, the said Party is unable to provide against.
- 10.2 For the purpose of this clause, force majeure shall mean any circumstance not being within a Party's reasonable control including, but not limited to: acts of God, natural disasters, epidemics or pandemics, wars, terrorist attacks, riots, sabotages, impositions of sanctions, embargoes, nuclear, chemical or biological contaminations, laws or action taken by a government or public authority, quotas or prohibition, expropriations, destructions of the worksite, explosions, fires, accidents, any labour or trade disputes, strikes or lockouts.

11. CONFIDENTIALITY

- 11.1 The documents and data provided to or prepared by the Society in performing the Services, and the information made available to the Society, will be treated as confidential except where the information:
 - is properly and lawfully in the possession of the Society;
 - is already in possession of the public or has entered the public domain, other than through a breach of this obligation;
 - is acquired or received independently from a third party that has the right to disseminate such information;
 - is required to be disclosed under applicable law or by a governmental order, decree, regulation or rule or by a stock exchange authority (provided that the receiving Party shall make all reasonable efforts to give prompt written notice to the disclosing Party prior to such disclosure).
- 11.2 The Parties shall use the confidential information exclusively within the framework of their activity underlying these Conditions.
- 11.3 Confidential information shall only be provided to third parties with the prior written consent of the other Party. However, such prior consent shall not be required when the Society provides the confidential information to a subsidiary.
- 11.4 Without prejudice to sub-clause 11.1, the Society shall have the right to disclose the confidential information if required to do so under regulations of the International Association of Classification Societies (IACS) or any statutory obligations.

12. INTELLECTUAL PROPERTY

- 12.1 Each Party exclusively owns all rights to its Intellectual Property created before or after the commencement date of the Conditions and whether or not associated with any contract between the Parties.
- 12.2 The Intellectual Property developed by the Society for the performance of the Services including, but not limited to drawings, calculations, and reports shall remain the exclusive property of the Society.

13. ASSIGNMENT

- 13.1 The contract resulting from to these Conditions cannot be assigned or transferred by any means by a Party to any third party without the prior written consent of the other Party.
- 13.2 The Society shall however have the right to assign or transfer by any means the said contract to a subsidiary of the Bureau Veritas Group.

14. SEVERABILITY

- 14.1 Invalidation of one or more provisions does not affect the remaining provisions.
- 14.2 Definitions herein take precedence over other definitions which may appear in other documents issued by the Society.
- 14.3 In case of doubt as to the interpretation of the Conditions, the English text shall prevail.

15. GOVERNING LAW AND DISPUTE RESOLUTION

- 15.1 These Conditions shall be construed in accordance with and governed by the laws of England and Wales.
- 15.2 Any dispute shall be finally settled under the Rules of Arbitration of the Maritime Arbitration Chamber of Paris ("CAMP"), which rules are deemed to be incorporated by reference into this clause. The number of arbitrators shall be three (3). The place of arbitration shall be Paris (France). The Parties agree to keep the arbitration proceedings confidential.
- 15.3 Notwithstanding clause 15.2, disputes relating to the payment of the Society's invoices may be submitted by the Society to the *Tribunal de Commerce de Nanterre*, France, or to any other competent local Court, at the Society's entire discretion.

16. PROFESSIONAL ETHICS

- 16.1 Each Party shall conduct all activities in compliance with all laws, statutes, rules, economic and trade sanctions (including but not limited to US sanctions and EU sanctions) and regulations applicable to such Party including but not limited to: child labour, forced labour, collective bargaining, discrimination, abuse, working hours and minimum wages, anti-bribery, anti-corruption, copyright and trademark protection, personal data protection (<https://personaldataprotection.bureauveritas.com/prv-acvpolicy>).
- Each of the Parties warrants that neither it, nor its affiliates, has made or will make, with respect to the matters provided for hereunder, any offer, payment, gift or authorization of the payment of any money directly or indirectly, to or for the use or benefit of any official or employee of the government, political party, official, or candidate.
- 16.2 In addition, the Client shall act consistently with the Bureau Veritas' Code of Ethics and, when applicable, Business Partner Code of Conduct both available at <https://group.bureauveritas.com/group/corporate-social-responsibility/operational-excellence>.

Amendments to PART A

Ch 1, Sec 2, Table 1 (Amendments February 2019)

Replace the terms “offshore service ship” by “offshore ship” and “offshore service barge” by “offshore barge”.

Ch 1, Sec 2, Table 2 (Amendments February 2019)

Delete the rows “diving support”, “gas liquefaction”, “gas production”, “production”.

Insert the rows “FSRU”, “FSU-LNG”, “gas liquefaction unit”, “gas production unit” and “oil production unit”.

Add table footnotes (2) and (3).

Replace the rows “lifting” and “oil storage” as follows:

Table 2 : List of service notations and associated additional service features

Service notation [ref. in Part A]	Reference	Remarks
Additional service feature	Reference	
FSRU [5.2.6]	NR645	
FSU-LNG [5.2.6]	NR645	
gas liquefaction unit [5.2.4]	NR542	
gas production unit [5.2.5]	NR542	
INERTGAS [6.2.1]	Part D, Chapter 1	
lifting [5.4.1]	Ship Rules, Part E Chapter 8 (2) (3)	The lifting appliance is to be certified and at least one of the following additional class notations is to be assigned: ALM or OHS
oil production unit [5.2.2]	Part D, Chapter 1	
INERTGAS [6.2.1]	Part D, Chapter 1	Mandatory for units having integrated process tanks
oil storage [5.2.1]	Part D, Chapter 1	
INERTGAS [6.2.1]	Part D, Chapter 1	Mandatory for storage > 8000 t
(2) As applicable		
(3) Specific stability criteria for units assigned with the structural type notation column stabilized unit are given in Pt, B, Ch 1, Sec 1, [6]		

Ch 1, Sec 2, [5.4] (Amendments February 2019)

Delete requirement [5.4.3].

Part A

Add the following Table 4:

Table 4 : Additional class notations

Former notation	Current notation	Remarks
ALS	ALM-SUBSEA	Edition February 2019
liquefied gas offloading	liquefied gas transfer	Edition February 2019

Ch 2, Sec 7, [1.1.1] (Amendments February 2019)

Replace the terms “offshore service ship” by “offshore ship” and “offshore service barge” by “offshore barge”.

Ch 2, Sec 9, [4.2] (Amendments February 2019)

Replace sub-article title by:

4.2 Survey requirements for units assigned with service notation oil production unit

Ch 2, Sec 9, [4.3] (Amendments February 2019)

Replace sub-article title by:

4.3 Survey requirements for additional class notation PROC, PROC-GL and PROC-GP

Ch 2, Sec 9, [5.1.1] (Amendments February 2019)

Replace the second paragraph by:

The survey requirements for swivel systems, as described in [5.2], are applicable to units assigned with the structural type notation **offshore buoy** and to surface units assigned

with service notation **oil production unit** and/or **oil storage** and/or **liquefied gas storage**, whenever the unit is fitted with such equipment.

Ch 2, Sec 9 (Amendments February 2019)

Replace the Article title by:

6 Survey of additional class notations COMF HEALTH-NOISE-g-SIS and COMF HEALTH-VIB-g-SIS

Ch 2, Sec 9, [6.3.1] (Amendments February 2019)

Replace the last paragraph by:

Renewal surveys are to cover 30% of the initial survey measuring points.

Ch 2, Sec 9 (Amendments February 2019)

Delete Article [8].

Chapter 2 (Amendments February 2019)

Add the following new Section 10.

SECTION 10

SUSPENSION AND WITHDRAWAL OF CLASS

1 General

1.1 Discontinuance of class

1.1.1 The class may be discontinued either temporarily or permanently. In the former case it is referred to as “suspension” of class, in the latter case as “withdrawal” of class. In both these cases, the class is invalidated in all respects. In the case of withdrawal, the name of the offshore unit is deleted from the Register. The current version of the Register can be consulted on the Society website.

1.2 Suspension of class

1.2.1 The class may be suspended either automatically or following the decision of the Society. In any event, the offshore unit will be considered as not retaining its class from the date of suspension until the date when class is reinstated.

1.2.2 The class may be automatically suspended when one or more of the following circumstances occur:

- when a offshore unit is not operated in compliance with the rule requirements, such as in cases of services or conditions not covered by the service notation, or trade outside the navigation restrictions for which the class was assigned
- when a offshore unit proceeds to sea with less freeboard than that assigned, or has the freeboard marks placed on the sides in a position higher than that assigned, or, in cases of offshore unit where freeboard are not assigned, the draught is greater than that assigned
- when the Owner fails to inform the Society in order to submit the offshore unit to a survey after defects or damages affecting the class have been detected
- when repairs, alterations or conversions affecting the class are carried out either without requesting the attendance of the Society or not to the satisfaction of the Surveyor.

Suspension of class with respect to the above cases will remain in effect until such time as the cause giving rise to suspension has been removed. Moreover, the Society may require any additional surveys deemed necessary taking into account the condition of the offshore unit and the cause of the suspension.

1.2.3 In addition, the class is automatically suspended:

- when the class renewal survey has not been completed by its limit date or within the time granted for the completion of the survey, unless the offshore unit is under attendance by the Society’s Surveyors with a view to completion prior to resuming trading
- when the annual or intermediate surveys have not been completed by the end of the corresponding survey time window (see Ch 2, Sec 2, [2.1.3]) unless the offshore unit is under attendance for completion of the survey.

Continuous survey item(s) due or overdue at the time of annual surveys is (are) to be dealt with. The offshore unit's class will be subject to a suspension procedure if the item(s) is (are) not surveyed or postponed by agreement with the Society.

Suspension of class with respect to the above cases will remain in effect until such time as the class is reinstated once the due items and/or surveys have been dealt with.

1.2.4 In addition to the circumstances for which automatic suspension may apply, the class of a offshore unit may also be suspended following the decision of the Society:

- when a recommendation is not dealt with within the time limit specified, unless it is postponed before the limit date by agreement with the Society
- when one or more surveys are not held by their limit dates (see Ch 2, Sec 1, [2.1.4]) or the dates stipulated by the Society also taking into account any extensions granted in accordance with the provisions of Part A
- when, due to reported defects, the Society considers that a offshore unit is not entitled to retain its class even on a temporary basis (pending necessary repairs or renewals, etc.)
- when the offshore unit has not been maintained in proper condition, as set forth in Ch 1, Sec 1, [3.3.2]
- in other circumstances which the Society will consider on their merits (e.g. in the event of non-payment of fees or where the Owner fails to render the offshore unit available for the occasional surveys as listed in Ch 2, Sec 1, [6.1.1]).

Suspension of class decided by the Society takes effect from the date when the conditions for suspension of class are met and will remain in effect until such time as the class is reinstated once the due items and/or surveys have been dealt with.

1.3 Withdrawal of class

1.3.1 The Society will withdraw the class of a offshore unit in the following cases:

- at the request of the Owner
- as a rule, when the causes that have given rise to a suspension currently in effect have not been removed within six months after due notification of suspension to the Owner
- when the offshore unit is reported as a constructive total loss
- when the offshore unit is lost
- when the offshore unit is reported scrapped.

Withdrawal of class may take effect from the date on which the circumstances causing such withdrawal occur.

The contract for the classification of the offshore unit is terminated as of right in the above cases.

The class is also withdrawn according to the provisions of article 9 of the Marine & Offshore Division General Conditions in case of contract termination.

1.3.2 When the withdrawal of class of a offshore unit comes into effect, the Society will:

- forward the Owner written notice
- delete the offshore unit from the Register
- notify the flag Administration
- make the information available to the Underwriters, at their request.

1.4 Suspension/withdrawal of additional class notations

1.4.1 If the survey requirements related to maintenance of additional class notations are not complied with, the suspension or withdrawal may be limited to the notations concerned.

The same procedure may apply to service notations of offshore unit which are assigned with more than one service notation.

1.4.2 The suspension or withdrawal of an additional class notation or a service notation (where a offshore unit is assigned with more than one service notation) generally does not affect the class.

Part A

Ch 2, App 1, Table 1 (Amendments February 2019)

Replace the terms “offshore service ship” by “offshore ship” and “offshore service barge” by “offshore barge”.

Amendments to PART B

Ch 1, Sec 1, [1.2.1] (Amendments February 2019)

Replace the first item of the bulleted list by:

- units intended to receive service notations **drilling** (completed or not by an indication between brackets), **drilling assistance**, **accommodation**, **oil storage**, **liquefied gas storage**, **oil production unit**, **gas production unit** and **gas liquefaction unit**

Ch 1, Sec 1 (Amendments February 2019)

Add the following Article [6]:

6 Lifting units

6.1 General

6.1.1 Unless otherwise specified, units assigned with the service notation **lifting** are to comply with the applicable stability requirements defined in Ship Rules, Pt E, Ch 8, Sec 3.

6.1.2 For units assigned with the structural type notation **column stabilized unit**, the stability criteria set forth in Ship

Rules, Pt E, Ch 8, Sec 3 [2.2.1] item b), for lifting operations conducted under environmental and operational limitations, is replaced by:

$$A_{RL} \geq 1,30 A_{HL}$$

with the lifted load at the most unfavourable position and the wind heeling moment curve defined by direct calculation of the windage area for a sufficient number of heel angles.

Ch 2, Sec 2, [6.1.3] (Amendments February 2019)

Replace the service notation “gas production” by “gas production unit”.

Replace the service notation “gas liquefaction” by “gas liquefaction unit”.

Ch 3, Sec 1, [1.3.4] (Amendments February 2019)

Add the following paragraph at the end of the requirement:

The foundations of lifting appliances are to comply with the applicable requirements of Ship Rules, Pt E, Ch 8, Sec 4.

Amendments to PART C

Ch 1, Sec 3, [2.13.2] (Amendments February 2019)

Replace the reference to “Part E...” of the Ship Rules by a reference to “Part F...” of the Ship Rules.

Insert the following paragraph at the end of item c) of the alphanumeric list:

Ch 1, Sec 7, [9.1.7]

Replace item c) of the alphanumeric list in requirement [9.1.7] by:

- c) Location and arrangement of vent pipes serving fuel oil tanks and lubrication tanks are to be done in a way providing protection against ingress of seawater or rain water in case of accidental vent pipes damage.

Ch 1, Sec 8, [1.1.1] (Amendments February 2019)

Replace the reference to “Part E...” of the Ship Rules by a reference to “Part F...” of the Ship Rules.

Ch 4, Sec 3, [1.2.1]

Replace the first paragraph of requirement [1.2.1] by:

Hazardous areas as defined in [1.1], are divided into zones as follows:

Zone 0 : Zone in which ignitable concentrations of flammable gases or vapours are continuously present or present for long periods

Zone 1 : Zone in which ignitable concentrations of flammable gases or vapours are likely to occur in normal operation

Zone 2 : Zone in which ignitable concentrations of flammable gases or vapours are likely to occur or in which such a mixture, if it does occur, will only exist for a short time.

Ch 4, Sec 3, [2.1.1]

Replace item a) of the alphanumeric list in requirement [2.1.1] by:

- a) For the purpose of machinery and electrical installations, hazardous areas are classified as follows. Hazardous areas not covered (such as, but not limited to, well test equipment areas, helicopter fuel storage areas, acet-

ylene cylinder storage areas, battery rooms, paint lockers, flammable gas or vapour vents and diverter line outlets) in the present Article are to be classified in accordance with [1.2].

Ch 4, Sec 3, [2.1.2]

Replace item a) of the alphanumeric list in requirement [2.1.2] by:

- a) The internal spaces of closed tanks and piping for containing active non-degassed drilling mud, oil that has a closed-cup flashpoint below 60°C or flammable gas and

vapour, as well as produced oil and gas in which an oil/gas/air mixture is continuously present or present for long periods.

Ch 4, Sec 3, [2.1.4]

Replace item i) 4) of the alphanumeric list in requirement [2.1.4] by:

- 4) Outdoor locations below the drill floor, within a radius of 1,5 m area beyond the Zone 1 area as specified in [2.1.3], item g).

Ch 4, Sec 3, [5.2]

Replace "a more hazardous" by "an hazardous" in the second paragraph of requirement [5.2.2].

Ch 4, Sec 3, [5.2.7]

Insert the following paragraph at the end of requirement [5.2.7]:

Hazardous enclosed mud processing spaces are to be ventilated at a minimum rate of 12 air changes per hour.

Ch 4, Sec 5, [4.1]

Replace the requirement [4.1.2] by:

4.1.2 Fixed automatic combustible gas detection and alarm systems are to be provided for the following areas:

- a) Cellar deck
- b) Drill floor
- c) Ventilation intake of positive pressure explosion-proof driller's cabin.
- d) Mud pit area
- e) Shale shaker area
- f) Enclosed spaces containing the open components of mud circulation system from the bell nipple to the mud pits.
- g) Ventilation intakes of accommodation spaces.

- h) Ventilation intakes of enclosed machinery spaces contiguous to hazardous areas and containing internal combustion engines, boilers, or non-explosion proof electrical equipment
- i) Air intakes to all combustion engines or machinery, including internal combustion engines, boilers, compressors or turbines, located outside of an enclosed machinery space
- j) At each access door to accommodation spaces.
- k) Near other openings, including emergency egress, of accommodation spaces, regardless if these openings are fitted with self-closing and gastight closing appliances.

Ch 4, Sec 5, [4.1]

Insert the new requirement [4.1.3]:

4.1.3 Areas where protection is not required

Fixed automatic combustible gas detection and alarm systems are not required:

- a) Near access doors to accommodation spaces where these form part of an airlock which is provided with a gas detection and alarm system between the two doors of the airlock.

- b) Near emergency egress doors which are fitted with a mechanism to prevent use other than in an emergency (e.g. doors fitted with security seals acting as a deterrent but easily breakable in a real emergency.)
- c) Near other openings which are provided with closing appliances of non-opening type, e.g. bolted closed maintenance ways etc.

Ch 4, Sec 6, [2.2]

Replace the requirement [2.2.4] by:

2.2.4 The arrangement of the pumps, sea suction and sources of power is to be such that a fire or flooding in any one space will not put all fire pumps out of action.

Ch 4, Sec 6, [2.2.7]

Delete "(3/4 in.)" in the first paragraph of requirement [2.2.7].

Ch 4, Sec 6, [7.1]

Replace the requirement [7.1.1] by:

7.1.1 In addition to the requirements of [5] and [6]:

- a) A fixed water spray system is to be provided to protect drilling area. The minimum water application rate is to be not less than 20,4 l/min·m², or
- b) At least two dual-purpose (jet/spray) fire monitors are to be installed to cover drilling and well test areas. The

minimum capacity of each monitor is to be not less than 100m³/h. The monitors may be operated either remotely or locally. Monitors arranged for local operation are to be sited on an accessible protected position.

Ch 4, Sec 10, [3.1.1]

Replace item c) of the alphanumeric list as follows:

- c) a suitable foam application system consisting of monitors or hose streams or both is to be installed. The system is to be capable of delivering foam solution to all parts of the helideck in all weather conditions in which the helideck is intended to be available for helicopter operations. The minimum capacity of the foam production system is to be dependent of the area to be protected, as defined below:
 - a minimum application rate of 6,0 l/min·m² (4,1 l/min·m² for Aqueous Film Forming Foam or

Film-Forming Fluoroprotein Foam), within a circle having a diameter equal to the D-value

- a minimum of 5 min discharge capability is to be provided
- foam delivery at the minimum application rate is to start within 30 s of system activation.

The Society may accept other fire-fighting systems which provide a fire-extinguishing capability at least as effective as the required foam application system.

Replace item e) of the alphanumeric list as follows:

- e) at least two dual-purpose nozzles (jet/spray) and hoses sufficient in length to reach any part of the helideck. The nozzles and hoses are to be of a type approved by the Society.

Amendments to PART D

Ch 1, Sec 1, [1.2] (Amendments February 2019)

Replace the requirement [1.2.6] by:

1.2.6 Comfort on board floating units

The additional class notations **COM HEALTH-NOISE-g** and **COMF HEALTH-VIB-g** defined in Pt A, Ch 1, Sec 2 [8.4.3],

are relevant to the assessment of comfort and health on board floating units with regard to the level of noise and/or vibration.

Ch 1, Sec 1, [1.7.2] (Amendments February 2019)

Replace the reference to “Ship Rules, Pt E, Ch 10, Sec 6” by a reference to “Ship Rules, Pt F, Ch 11, Sec 6”.

Ch 1, Sec 1, [1.8.4] (Amendments February 2019)

Replace the title by:

1.8.4 Lifting appliances - additional class notations ALP and ALM

Replace the term “ALP, ALM and ALS” by “ALP and ALM” in the first and fourth paragraphs.

Ch 1, Sec 2, [1.1.3] (Amendments February 2019)

Replace the term “oil tanker ESP / offshore service ship” by “oil tanker ESP / offshore ship”.

Ch 1, Sec 8, [2.1] (Amendments February 2019)

Replace the requirement [2.1.5] by:

2.1.5 Lifting appliances foundations

For lifting appliances foundations, design loading conditions defined in Ship Rules Pt E, Ch 8, Sec 4 are to be considered.

Ch 1, Sec 11, [2.1.3] (Amendments February 2019)

Replace the term “oil tanker ESP (or liquefied gas carrier) / offshore service ship” by “oil tanker ESP (or liquefied gas carrier) / offshore ship”.



**BUREAU
VERITAS**

Shaping a World of Trust

Marine & Offshore
Le Triangle de l'Arche - 8 Cours du Triangle - CS 50101
92937 Paris La Defense Cedex - France
Tel: + 33 (0)1 55 24 70 00
<https://marine-offshore.bureauveritas.com/bv-rules>
© 2022 Bureau Veritas – All rights reserved