



Rules for the Classification of Offshore Units

NR 445

AMENDMENTS

February 2019

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

These amendments are effective from February 1st, 2019.

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 8
Part D	<i>NR 445 C1 DT R07 E</i>	Ch 1	Sec 1, Sec 2, Sec 8, Sec 11



GENERAL CONDITIONS

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 them above listed being relieved of any of their expressed or implied obligations as a result of the interventions of the Society.
- 1.4 The Society only 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, 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 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 or to the documents of reference 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 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 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. SCOPE AND PERFORMANCE

- 3.1 Subject to the Services requested and always by reference to the Rules, 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 or on its content in the event of the actual issuance of a Certificate. This opinion shall only be an appraisal 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, involve, 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, interests 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 solve 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-cents (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 In such a case, 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, subject to compliance with clause 4.1 and 6 above.
- 9.3 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 fulfilment 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, are 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, otherwise 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 Classifications 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 Invalidity 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 and governed by the laws of England and Wales.
- 15.2 The Parties shall make every effort to settle any dispute amicably and in good faith by way of negotiation within thirty (30) days from the date of receipt by either one of the Parties of a written notice of such a dispute.
- 15.3 Failing that, the dispute shall finally be 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.

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 UN 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://personal.dataprotection.bureauveritas.com/privacypolicy>).
- 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.
<https://group.bureauveritas.com/group/corporate-social-responsibility>

Amendments to PART A

Ch 1, Sec 2, [1.2.2]

Replace the terms “offshore service barge” by “offshore barge” and “production/oil storage” by “oil production unit/oil storage”.

Ch 1, Sec 2, [4.1.3]

Replace the term “offshore service ship” by “offshore ship”.

Ch 1, Sec 2, [4.1.4]

Replace the term “offshore service barge” by “offshore barge”.

Ch 1, Sec 2, Table 1

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

Ch 1, Sec 2, [5.2.1]

Add the following title:

5.2.1 Oil storage unit

Ch 1, Sec 2, [5.2.2]

Replace requirement [5.2.2] as follows:

5.2.2 Oil production unit

The service notation **oil production unit** may be assigned to units equipped for oil production and related activities, as defined in Ch 1, Sec 1, [4.4].

The requirements of Part D, Chapter 1 are applicable to these units. Production equipment is not included in the

scope of classification except when the additional class notation **PROC** as defined in [8.3.3], is assigned to the unit.

The additional service feature **INERTGAS**, as defined in [6.2], is to be assigned to units assigned with the service notation **oil production unit** and fitted with integrated process tanks or with tanks cleaning procedure using crude oil washing.

Ch 1, Sec 2, [5.2.3]

Add the following title:

5.2.3 Liquefied gas storage unit

Ch 1, Sec 2, Table 2

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, [5.2]

Replace requirement [5.2.4] as follows:

5.2.4 Gas liquefaction unit

The service notation **gas liquefaction unit** may be assigned to units designed and equipped for gas liquefaction and complying with the requirements of NR542 Rules for the Classification of Offshore Floating Gas Units.

The service notation **gas liquefaction unit** is mandatory for units granted with the service notation **liquefied gas storage**

when the liquefaction plant is necessary for compliance with the requirements of IGC Code, Chapter 7.

Liquefaction equipment is not included in the scope of classification except when the additional class notation **PROC-GL**, as defined in [8.3.3], is assigned.

Ch 1, Sec 2, [5.2.5]

Add the following title:

5.2.5 Gas production unit

Replace notation “gas production” by “gas production unit” in the first paragraph.

Replace the third paragraph by:

Production equipment is not included in the scope of classification except when the additional class notation **PROC-GP**, as defined in [8.3.3] is assigned.

Ch 1, Sec 2, [5.2]

Add the following requirement [5.2.6]:

5.2.6 Floating storage regasification unit (FSRU) and floating storage unit (FSU)

The service notations **FSRU** and **FSU-LNG** may be assigned to floating storage regasification units (FSRUs) and floating storage units (FSUs) respectively, designed to operate as a regasification and/or storage unit permanently moored without trading LNG.

The requirements of NR645 Rules for the Classification of Floating Storage Regasification Units and Floating Storage Units are applicable to these units. Typical notations to be assigned to complete the service notations **FSRU** and **FSU-LNG** are described in NR645.

Ch 1, Sec 2, [5.4]

Replace the requirement [5.4.1] by:

5.4.1 The service notation **lifting** may be assigned to units having lifting equipment installed on-board and performing lifting operations at sea.

The requirements for the assignment of this notation are given in:

- Ship Rules, Pt E, Ch 8, Sec 2 to Pt E, Ch 8, Sec 6, as applicable
- Part B and Part C of the present Rules
- for units having the structural type notation **column stabilized unit**, specific stability criteria given in Pt B, Ch 1, Sec 1, [6].

References and list of documents to be submitted are defined in Ship Rules, Pt E, Ch 8, Sec 1, [3] and Pt E, Ch 8, Sec 1, [4] respectively.

The requirements for the maintenance of the notation **lifting** are given in Ch 2, Sec 9, [10].

Note 1: The service notation **lifting** can only be granted to the offshore unit if the corresponding lifting appliance is covered by at least one of the additional class notations **ALM** or **OHS** to be assigned to the offshore unit.

Ch 1, Sec 2, [5.4]

Delete requirement [5.4.3].

Ch 1, Sec 2, [6.2.1]

Insert the following paragraph after the first paragraph:

This notation is mandatory for oil storage units with a dead-weight greater than 8000 tonnes.

Ch 1, Sec 2, [8.2]

Replace references to “Pt E” of the Ship Rules by a reference to “Pt F” of the Ship Rules in the requirements [8.2.4], [8.2.5] and [8.2.6].

Ch 1, Sec 2, [8.3]

Replace requirements [8.3.1], [8.3.2], [8.3.3] as follows.

8.3.1 Lifting appliances

Offshore units fitted with lifting appliances meeting the requirements of the NR526 Rules for the Certification of Lifting Appliances onboard Ships and Offshore Units may be assigned the following additional class notations:

- **ALP** for appliances intended to be used in harbour or in similar conditions,

- **ALM** for appliances intended to be used in offshore conditions for various lifting operations exclusive of the appliances mentioned in item a).

The additional class notations (**ALP**) or (**ALM**) may be assigned by the Society in lieu of the notations **ALP** or **ALM** respectively, when the corresponding lifting appliances meet the requirements of specific National Regulations under the conditions defined in NR526.

Part A

The additional class notation **ALM** may be completed by:

- **-EN**, when lifting appliances are in compliance with additional specific safety requirements as defined in NR526
- **-SUBSEA**, when lifting appliances are intended to be used for lifting of subsea equipment in compliance with specific requirements as defined in NR526.

The additional class notations **ALP**, **ALM**, **ALM-EN** and **ALM-SUBSEA** may be completed by **-MR** when, in addition, lifting appliances are intended to be used for lifting of personnel and comply with the specific requirements of NR526.

The additional class notations **ALP**, **ALM**, **(ALP)**, **(ALM)**, **ALM-EN** or **ALM-SUBSEA** are optional. However, the Society may require the compliance of lifting appliances with the assigning conditions of one of the above mentioned additional class notations for the classification of offshore units, when one or several lifting appliances are of a primary importance for their operation, or when such appliances significantly influence their structure. As a rule, such is the case for crane vessels fitted with lifting appliances with special high capacities.

In compliance with [8.1.3], these notations are assigned a construction mark as defined in [3].

The requirements for assignment and maintenance of these notations are given in NR526.

8.3.2 Dynamic positioning (DYNAPOS)

The additional class notation **DYNAPOS** may be assigned to units equipped with a dynamic station keeping system.

Ch 1, Sec 2, [8.3.8]

Replace the title by:

8.3.8 Liquefied gas transfer

Replace notation “liquefied gas offloading” by “liquefied gas transfer” in the first paragraph.

Ch 1, Sec 2, [8.3.10]

Replace the title by:

8.3.10 Oil offloading (transfer arms)

Ch 1, Sec 2, [8.3.12]

Replace the title by:

8.3.12 Offshore access system (OAS)

In accordance with [8.1.3], this notation is assigned a construction mark, as defined in [3].

The scope of the additional class notation **DYNAPOS**, including the additional notations for the description of capability of the installation (**SAM**, **AM**, **AT**, **AM/AT**), and the requirements for the assignment of this notation are given in Pt F, Ch 10, Sec 6 of the Ship Rules.

The requirements for the maintenance of this notation are given in Pt A, Ch 5, Sec 10 of the Ship Rules.

The additional class notation **DYNAPOS AM/AT R** or **DYNAPOS AM/AT RS** may be completed by **-EI** for units fitted with enhanced dynamic positioning control system and complying with the requirements of Pt F, Ch 11, Sec 6 of the Ship Rules. This notation allows improving the reliability, availability and operability of a DP vessel.

The notation **-HWIL** is added to the additional class notation **DYNAPOS** when the control system has been verified according to the requirements of NR632 Hardware-in-the-loop Testing.

8.3.3 Process (PROC)

The additional class notation **PROC**, **PROC-GP** or **PROC-GL** may be assigned to units fitted with, respectively, oil production, gas production or gas liquefaction installations meeting the corresponding requirements of the Rule Note NR459 Process Systems on board Offshore Units and Installations (**PROC**) and of the Rule Note NR542 Classification of Floating Gas Units (**PROC-GP** and **PROC-GL**).

Notes: The additional class notations **PROC**, **PROC-GP** and **PROC-GL** are strongly recommended for permanent units fitted with oil production, gas production or gas liquefaction installations, so as to allow a global approach of unit's safety.

Ch 1, Sec 2, [8.3.13]

Replace the title by:

8.3.13 Regasification installations (REGAS)

Replace the reference to “NR542 Rules for the Classification of Offshore Floating Gas Units” by a reference to “NR645 Rules for the Classification of Floating Storage Regasification Units and Floating Storage Units”.

Ch 1, Sec 2, Table 3

Replace references to “Pt E...” of the Ship Rules by a reference to “Pt F...” of the Ship Rules in the rows “DYNAPOS”, “ICE”, “ICE CLASS”, “INWATERSURVEY”, “STAR-CARGO”, “STAR-MACH”, “STAR-REGAS”.

Replace references to “Pt E, Ch 10, Sec 3” of the Ship Rules by a reference to “Pt F, Ch 11, Sec 3” of the Ship Rules in the row “INWATERSURVEY”.

Delete the row “liquefied gas offloading”.

Add the rows “CSR Hull Type”, “liquefied gas transfer”, “PROC-GP”, and “PROC-GL”.

Replace the rows “ALP, ALM, ALS”, “COMF”, “DYNAPOS”, “PROC” and “REGAS” as follows:

Table 3 : List of additional class notations

Additional class notation	Defined in	Reference for assignment	Remarks
ALM (1) (ALM) (1) ALM-EN (1) ALM-SUBSEA (1) ALP (1) (ALP) (1)	[8.3.1]	NR 526	ALP, ALM, ALM-EN and ALM-SUBSEA may be completed by -MR
COMF HEALTH-NOISE-g COMF HEALTH-VIB-g	[8.4.3]	NR 636	g is equal to 1 (best level) or 2 COMF notations may be completed by -SIS
CSR Hull Type	[8.4.10]	NR 606	for oil storage unit verified at design with the requirement of NR606
DYNAPOS SAM (1) DYNAPOS AM (1) DYNAPOS AT (1) DYNAPOS AM/AT (1)	[8.3.2]	Pt F, Ch 11, Sec 6 of the Ship Rules	DYNAPOS AM and DYNAPOS AT may be completed y R or RS. DYNAPOS AM/AT may be completed by R or RS or (xx;xx) (corresponding to the two-number vector for the Environmental Station Keeping Index ESKI) DYNAPOS notations may be completed by -HWIL DYNAPOS AM/AT-R or DYNAPOS AM/AT-RS may be completed by -EI
liquefied gas transfer	[8.3.8]	NR 542	for side-by-side transfer arms, tandem transfer arms or transfer systems based on flexible hoses
PROC	[8.3.3]	NR 459	for permanent units with service notation oil production unit
PROC-GL	[8.3.3]	NR 542	for permanent units with service notation gas liquefaction unit
PROC-GP	[8.3.3]	NR 542	for permanent units with service notation gas production unit
REGAS	[8.3.13]	NR 645	

Part A

Ch 1, Sec 2, [8.3.14]

Replace the term “additional service feature” by “additional class notation”.

Ch 1, Sec 2, [8.4.1]

Replace references to “Part E Chapter 8” of the Ship Rules by a reference to “Part F, Chapter 8” of the Ship Rules.

Ch 1, Sec 2, [8.4.3]

Add the following paragraph at the end of the requirement:

For offshore units intended with in-service assessment, the notations **COMF** are followed by notation **-SIS**. The requirements for the maintenance of these notations are given in Ch 2, Sec 9, [6].

Ch 1, Sec 2, [8.4.4]

Replace the fifth paragraph by:

The Guidance Note NI611 Guidelines for Fatigue Assessment of Steel Ships and Offshore Units is to be used.

Ch 1, Sec 2, [8.4.6]

Replace the title by:

8.4.6 High integrity protection system (HIPS)

Ch 1, Sec 2, [8.4.9]

Replace the title by:

8.4.9 In-water survey (INWATERSURVEY)

Replace reference to “Pt E, Ch 10, Sec 3” of the Ship Rules by a reference to “Pt F, Ch 11, Sec 3” of the Ship Rules.

Ch 1, Sec 2, [8.4]

Add the following new requirement [8.4.10]:

8.4.10 Common structural rules designed offshore unit (CSR Hull type)

The additional class notation **CSR Hull type** may be assigned to oil storage units arranged with double hull and

double bottom and for which the hull has been designed taking into account the requirements of NR 606 Common Structural Rules for Bulk Carriers and Oil Tankers, as far as practicable.

Ch 1, App 1

Replace Table 2 and Table 3 as follows:

Table 2 : Service notations

Former notation	Current notation	Remarks
diving support-integrated diving support-capable diving support-portable	None (1)	Edition February 2019
gas liquefaction	gas liquefaction unit	Edition February 2019
gas production	gas production unit	Edition February 2019
production	oil production unit	Edition February 2019
transportation	None (2)	Edition December 2016
(1) See Ship Rules, Part E, Chapter 7. (2) Unless a new service notation corresponds to the specified service		

Table 3 : Additional service features

Former notation	Current notation	Remarks
AUTO	Changed into additional class notation	Edition December 2016
DD	None (1)	Edition February 2019
HEL	Changed into additional class notation	Edition June 2015
IG	INERTGAS	Edition December 2016
SD	None (1)	Edition February 2019
VeriSTAR-HULL	Changed into additional class notation	Edition December 2016
(1) See Ship Rules, Part E, Chapter 7.		

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 1, App 1

Replace sub-article [1.1] by:

1.1 Correspondence between former and current class notations

1.1.1 Some class notations assigned in accordance with a previous edition of the present Rules have been modified or cancelled. The present Appendix gives correspondence between former and current notations.

- Tab 1 gives correspondence between former structural type notations and current ones

- Tab 2 gives correspondence between former service notations and current ones
- Tab 3 gives correspondence between former additional service features and current ones
- Tab 4 gives correspondence between former additional service features and current ones.

At the request of the owner, the new classification notation could be used at the renewal period.

Ch 2, Sec 1, [1.1.3]

Replace in the 3rd paragraph the reference to “Pt A, Ch 2, Sec 3 of the Ship Rules” by a reference to “Ch 2, Sec 10”.

Ch 2, Sec 1, [1]

Add the following sub-article [1.7]:

1.7 Remote inspection techniques (RIT)

1.7.1 The remote inspection techniques (RIT) are to provide the information normally obtained from a close-up survey.

RIT surveys are to be carried out in accordance with the requirements given in the present Article and in NR533 Approval of Service Suppliers.

The proposals for use of a RIT shall be submitted by the Owner in advance of the survey and approved by the Society.

1.7.2 The equipment and the procedure for observing and reporting the survey using a RIT are to be discussed and agreed with the parties involved prior to the survey, and suitable time is to be allowed to set-up, calibrate and test all equipment in advance.

1.7.3 When using RIT as alternative to close-up survey, it shall be conducted by an approved service supplier according to NR533 and it shall be witnessed by an attending Surveyor.

1.7.4 The structure to be surveyed using the RIT is to be clean to permit meaningful examination. Visibility is to be sufficient to allow meaningful examination. The Society is to be satisfied with the methods and the orientation on the structure.

1.7.5 The attending Surveyor is to be satisfied with the method of live data presentation including pictorial representation. A good two-way communication between the Surveyor and the RIT operator shall be provided.

1.7.6 If the RIT reveals damage or deterioration that requires attention, the Surveyor may require traditional survey to be undertaken without the use of RIT.

Ch 2, Sec 1, [3.2.3]

Replace the reference to “Pt A, Ch 2, Sec 3, [1.2] of the Ship Rules” by a reference to “Ch 2, Sec 10, [1.2]”.

Ch 2, Sec 1, [3.4.2] and [8.1.1]

Replace the reference to “Pt A, Ch 2, Sec 3 of the Ship Rules” by a reference to “Ch 2, Sec 10”.

Ch 2, Sec 5, [1.1.1]

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

Ch 2, Sec 6, [1.1.1]

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

Ch 2, Sec 7, [1.1.1]

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

Ch 2, Sec 9, [4.2]

Replace sub-article title by:

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

Ch 2, Sec 9, [4.3]

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]

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

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]

Replace the last paragraph by:

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

Ch 2, Sec 9

Delete Article [8].

Chapter 2

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.

Ch 2, App 1, Table 1

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]

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

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]

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]

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]

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

Ch 1, Sec 8, [1.1.1]

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

Amendments to PART D

Ch 1, Sec 1, [1.2]

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]

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]

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]

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

Ch 1, Sec 8, [2.1]

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]

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



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