



**BUREAU
VERITAS**

Rules for the Classification of Floating Storage Regasification Units and Floating Storage Units

May 2019

**Rule Note
NR 645 DT R02 E**

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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

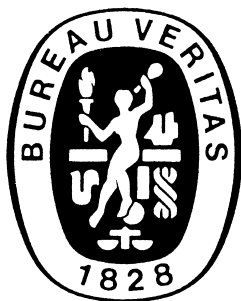
- 14.1 Invalidity of one or more provisions does not affect the remaining provisions.
- 14.2 Definitions herein take precedence over other definitions which may appear in other documents issued by the Society.
- 14.3 In case of doubt as to the interpretation of the Conditions, the English text shall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



RULE NOTE NR 645

NR 645

Rules for the Classification of Floating Storage Regasification Units and Floating Storage Units

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SECTION 1

GENERAL PRINCIPLE OF CLASSIFICATION

1 Purpose of the Rules

1.1 General

1.1.1 The requirements of this Rule Note apply specifically to Floating Storage Regasification Units (FSRUs) defined as floating units fitted with equipment for storage and regasification of liquefied natural gas (LNG) as defined in Sec 2, [1.1.1].

The requirements of this Rule Note apply also to Floating Storage Units (FSUs) defined as floating units fitted with equipment for storage of liquefied natural gas (LNG) as defined in Sec 2, [1.1.1].

Note 1: This Rules note does not apply to:

- floating units designed for gas production for which reference is made to NR542
- pure gas carrier designed for LNG trading only or for bunkering operation for which reference is made to NR467 Rules for Steel Ships, Part D, Chapter 9 and NR620, respectively.

2 Classification principles

2.1 General

2.1.1 In general, principles of classification set out in Pt A, Ch 1, Sec 1 of the Ship Rules and Pt A, Ch 1, Sec 1 of the Offshore Rules apply.

Note 1: "Ship Rules" and "Offshore Rules" are defined in Sec 2, [3].

2.2 Purpose of the classification notations

2.2.1 The classification notations give the scope according to which the class of the unit has been based and refer to the specific rule requirements, which are to be complied with for their assignment. In particular, the classification notations are assigned according to the type, service and navigation of the unit and other criteria which have been provided by the Interested Party, when applying for classification.

The Society may change the classification notations at any time, when the information available shows that the requested or already assigned notations are not suitable for the intended service, navigation and any other criteria taken into account for classification.

Note 1: Reference should be made to Pt A, Ch 1, Sec 1, [1.3] of the Ship Rules on the limits of classification and its meaning.

2.2.2 The classification notations assigned to a unit are indicated on the certificate of classification, as well as in the Register published by the Society.

2.2.3 The classification notations applicable to existing units conform to the Rules of the Society in force at the date of assignment of class. However, the classification notations of existing units may be updated according to the current Rules, as far as applicable.

2.3 Types of notations assigned

2.3.1 The types of classification notations assigned to a unit are the following:

- class symbol
- construction marks
- service notations with additional service features, as applicable
- navigation notations (may be optional)
- site notation (may be optional)
- transit notation (may be optional)
- additional class notations (may be optional).

The different classification notations and their conditions of assignment are listed in Articles [3], [4], [5], [6] and Sec 2, [2] according to their types.

3 Class symbol

3.1 General

3.1.1 The class symbol expresses the degree of compliance of the ship with the rule requirements as regards its construction and maintenance. There is one class symbol, which is compulsory for every classed unit.

3.1.2 The class symbol **I** is assigned to units built in accordance with the requirements of the Rules or other rules recognised as equivalent, and maintained in a condition considered satisfactory by the Society.

The period of class (or interval between class renewal surveys) assigned to class symbol **I** units is maximum 5 years, see Ch 2, Sec 2, [4] of the Ship Rules.

Note 1: The class symbol **I** is to be understood as being the highest class granted by the Society.

3.1.3 The class symbol **II** is assigned to units which do not meet all requirements for class symbol **I**, but are deemed acceptable to be entered into the register of ships.

The period of class assigned to class symbol **II** ships is maximum 3 years, see Ch 2, Sec 2, [4] of the Ship Rules.

3.1.4 Except for special cases, class is assigned to a unit only when the hull, propulsion and auxiliary machinery installations, and equipment providing essential services have all been reviewed in relation to the requirements of the Rules.

4 Construction marks

4.1 General

4.1.1 The construction mark identifies the procedure under which the unit and its main equipment or arrangements have been surveyed for initial assignment of the class. The procedures under which the ship is assigned one of the construction marks are detailed in Ch 2, Sec 1 of the Ship Rules.

4.1.2 One of the construction marks defined below is assigned separately to the hull of the unit and its appendages, to the machinery installation, and to some installations for which an additional classification notation (see Sec 2, [2]) is assigned.

The construction mark is placed before the symbol **HULL** for the hull, before the symbol **MACH** for the machinery installations, and before the additional class notation granted, when such a notation is eligible for a construction mark.

If the unit has no machinery installations covered by classification, the symbol **MACH** is not granted and the construction mark will be only placed before the symbol **HULL**.

4.1.3 The construction marks refer to the original condition of the unit. However, the Society may change the construction mark where the unit is subjected to repairs, conversion or alterations.

4.2 List of construction marks

4.2.1 The mark  is assigned to the relevant part of the unit, when it has been surveyed by the Society during its construction in compliance with the new building procedure detailed in Ch 2, Sec 1, [2.1] of the Ship Rules, or when it is changing class from an IACS Society at ship's delivery or when class is being added to an IACS Society's class at unit's delivery in accordance with specific procedures.

4.2.2 The mark  is assigned to the relevant part of the ship, when the latter is classed after construction in compliance with the procedure detailed in Ch 2, Sec 1, [3.2] of the Ship Rules and it is changing class from an IACS Society at the time of the admission to class.

4.2.3 The mark  is assigned to the relevant part of the unit, where the procedure for the assignment of classification is other than those detailed in [4.2.1] and [4.2.2], but however deemed acceptable.

5 Service notations and corresponding additional service features

5.1 General

5.1.1 The service notations define the type and/or service of the unit which have been considered for its classification, according to the request for classification signed by the interested party. At least one service notation is to be assigned to every classed unit.

Note 1: The service notations applicable to existing units conform to the Rules of the Society in force at the date of assignment of class. However, the service notations of existing units may be updated according to the current Rules, as far as applicable, at the request of the Interested Party.

A service notation may be completed by one or more additional service features, giving further precision regarding the type of service of the unit, for which specific rule requirements are applied.

The different service notations which may be assigned to a unit and the different additional service features are listed in Sec 2, [2].

6 Additional class notations

6.1 General

6.1.1 An additional class notation expresses the classification of additional equipment or specific arrangement, which has been requested by the Interested Party.

The assignment of such an additional class notation is subject to the compliance with additional rule requirements, which are detailed in Part A of the Ship Rules or Part A of the Offshore Rules.

Some additional class notations are assigned a construction mark, according to the principles given in [4.1.2]. This is indicated in the definition of the relevant additional class notations.

The different additional class notations which may be assigned to a unit are listed in Sec 2, [2].

7 Assignment of class

7.1 General

7.1.1 In general, assignment of class set out in Pt A, Ch 2, Sec 1 of the Ship Rules or Pt A, Ch 1, Sec 3 of the Offshore Rules applies.

8 Site conditions and related operating procedures

8.1 Design criteria statement on-site

8.1.1 General

Classification is based upon the design data or assumptions specified by the party applying for classification.

A design criteria statement is to list the service(s) performed by the unit and the design conditions and other assumptions on the basis of which class is assigned to the unit.

The design criteria statement is issued by the Society, based on information provided by the party applying for classification.

The design criteria statement is to be referred to in a memorandum on the class certificate.

The design criteria statement is to be incorporated in the operating manual as prescribed in [8.2].

8.1.2 Unit's activities

The design criteria statement is to list the main services for which the unit is designed, the service notation and other notations assigned to the unit.

The nature of the unit's activity is to be duly accounted for in the application of the present Rules, as far as classification is concerned.

The design criteria statement is to mention when the unit is a permanent unit, and to make reference to the applicable site data.

8.1.3 Structural design criteria

The design criteria statement is to list the necessary data pertaining to the structural design of the unit for the different conditions of operation on-site of the unit, according to the provisions of Sec 5, as applicable.

Note 1: Transit of non self-propelled units is covered by classification as regards only the unit's structural overall and local strength as well as stability. All other aspects relating to towing are reviewed only on special request for a towage survey.

Note 2: As regards design of the foundations of equipment, classification is based upon the data submitted by the party applying for classification, under the format called for by the Rules.

8.1.4 Machinery, electrical and other system design conditions

The Party applying for classification is to submit the necessary description, diagrammatic plans, design data of all systems, including those used solely for the service performed by the unit on-site and, where applicable, their cross connections with other systems. The submitted data are to incorporate all information necessary to the assessment of the unit for the purpose of the assignment of class or for the assignment of additional class notations.

In accordance with [8.1.1] the party applying for classification is to give an estimation of electric balance for the different conditions of operation on-site of the unit. The specifications are to list all important equipment and apparatus, their rating and the power factors as applicable.

8.2 Operating manual on-site

8.2.1 An operating manual, which includes instructions regarding the safe operation of the unit and of the systems and equipment fitted on the unit, is to be placed onboard the unit.

The operating manual is to incorporate a dedicated section containing all information relating to classification, particularly environmental, loading and other design criteria as well as classification restrictions. The operating manual is to be, at all times, placed on board the unit and made available to all concerned. A copy of the operating manual is to be retained ashore by the Owners of the unit or their representatives.

It is the responsibility of the Interested party to prepare the contents of the operating manual.

9 Statutory requirements

9.1 General

9.1.1 Project specification

Prior to commencement of the review of drawings, the complete list of regulations, codes and statutory requirements to be complied with is to be submitted for information:

- international regulations
- flag state requirements
- coastal state requirements.

The project specification is also to specify the list of statutory certificates requested by the Owner.

9.1.2 Conflict of rules

In case of conflict between the present Rules and any statutory requirements as given by flag state or coastal state, most stringent requirements are to be applied.

SECTION 2

CLASSIFICATION OF FSUs

1 General

1.1 Application

- 1.1.1 FSRUs (as defined in Sec 1, [1.1.1]) complying with this Rule Note are assigned one of the service notation **liquefied gas carrier - FSRU** or **FSRU** as defined in [2.1.1].
- 1.1.2 FSUs (as defined in Sec 1, [1.1.1]) complying with this Rule Note are assigned one of the service notation **liquefied gas carrier - FSU** or **FSU-LNG**.
- 1.1.3 Units intended to be assigned with one of the service notation defined in [2.1.1], are to comply with the require-

ments of IGC Code, except where otherwise specified in this Rule Note. This Rule Note provides additional requirements and interpretations of IGC Code to be considered for the purpose of classification. The Society may refer to IGC Code, as defined in [3.2.3], when deemed necessary.

1.1.4 In general, units with the service notation **liquefied gas carrier - FSRU** or **liquefied gas carrier - FSU** are to comply with the requirements indicated in Tab 1.

1.1.5 In general, units with the service notation **FSRU** or **FSU** are to comply with the requirements indicated in Tab 1, as relevant, unless where indicated otherwise in this Rule Note.

Table 1 : Applicable requirements

Item	Service notations liquefied gas carrier - FSRU or liquefied gas carrier- FSU	Service notations FSRU or FSU-LNG
General arrangement	Sec 8 NR467, Part B NR467, Pt D, Ch 9	Sec 8 (1) NR467, Part B (1) NR467, Pt D, Ch 9 (1)
Hull and cargo containment	Sec 3 (1) Sec 4 (1) Sec 5 Sec 6 (1) Sec 7 Sec 8 NR467, Part B NR467, Pt D, Ch 9	Sec 3 Sec 4 Sec 5 Sec 6 Sec 7 Sec 8 NR467, Part B (1) NR467, Pt D, Ch 9 (1)
Materials and welding	Sec 6 NR467, Pt D, Ch 9 NR216	Sec 6 NR467, Pt D, Ch 9 NR216
Stability	Sec 3 NR467, Part B NR467, Pt D, Ch 9	Sec 3 NR467, Part B (1) NR467, Pt D, Ch 9 (1)
Machinery, cargo systems and safety features	Sec 10 (2) Sec 12 Sec 13 NR467, Part C NR467, Pt D, Ch 9	Sec 10 (2) Sec 12 (1) Sec 13 NR467, Part C (1) NR467, Pt D, Ch 9 (1)
Electrical installations and automation	Sec 11 Sec 12 NR467, Part C NR467, Pt D, Ch 9	Sec 11 Sec 12 NR467, Part C (1) NR467, Pt D, Ch 9 (1)
Design requirements for surveys on site	Sec 14	Sec 14
In-service survey	Sec 14	Sec 14
(1) When relevant (2) Not applicable for units with the service notation liquefied gas carrier - FSU or FSU-LNG Note 1: NR467: Rules for the Classification of Steel Ships (Ship Rules) NR216: Rules on Materials and Welding for the Classification of Marine Units (Materials & Welding).		

Table 2 : Typical classification notations for unit with the service notation liquefied gas carrier - FSRU

Classification notations		Reference
Class symbol	I or II	Sec 1, [3]
Construction mark	{, [or μ to be separately assigned before: - HULL notation - MACH notation	Sec 1, [4]
Service notations	liquefied gas carrier - FSRU	[2.1.1]
Additional service features	REGAS	[2.1.2]
	POSA or POSA jetty	[2.1.2]
	SLOSHING	
Navigation notation	unrestricted navigation summer zone tropical zone coastal area sheltered area	[2.3]
Additional class notations	INWATERSURVEY	NR467, Pt A, Ch 1, Sec 2
	MON-SHAFT	NR467, Pt A, Ch 1, Sec 2
	Veristar Hull CM FAT xx years (FEM and fatigue analysis of ship's hull structure (xx years) and Construction monitoring) (1) (2)	NR467, Pt A, Ch 1, Sec 2
	AUT-UMS (automation) (2) AUT-PORT (automation) (2)	NR467, Pt A, Ch 1, Sec 2
	IATP (Increased allowable tank design pressure)	NR467, Pt A, Ch 1, Sec 2
	ALM (lifting appliances) (2)	NR467, Pt A, Ch 1, Sec 2
	liquefied gas offloading (LNG transfer system) (2)	NR542
	ERS-S (Emergency response service) (2)	NR467, Pt A, Ch 1, Sec 2
	CLEANSHIP (prevention of pollution) (2)	NR467, Pt A, Ch 1, Sec 2
	CPS (WBT) (coating performance standard) (2)	NR467, Pt A, Ch 1, Sec 2
	GREEN PASSPORT (unit recycling) (2)	NR467, Pt A, Ch 1, Sec 2
	STAR-REGAS (maintenance plan of regasification installation) (2)	NR467, Pt A, Ch 1, Sec 2
(1) With 25 ≤ xx ≤ 40 (2) Optional		

1.2 Exclusion

1.2.1 This Rule note does not cover the emergency escape mode due to harsh weather or accidental cases (for instance fire, explosion). This emergency escape mode is considered beyond the scope of classification, unless specific demand has been received from the party applying for classification.

Note 1: Emergency escape mode correspond to the possibility for the unit to leave the jetty and navigate at low speed for a short voyage during an emergency.

2 Classification

2.1 Classification notations

2.1.1 Service notations

Units complying with this Rule Note are assigned with one of the following notations:

- liquefied gas carrier - FSRU, when the floating unit is designed to operate as a regasification unit with the possibility of trading LNG in a navigation mode
- liquefied gas carrier - FSU, when the floating unit is designed to operate as a storage unit with the possibility of trading LNG in a navigation mode
- FSRU, when the floating unit is designed to operate as a regasification unit permanently moored without trading LNG
- FSU-LNG, when the floating unit is designed to operate as a storage unit permanently moored without trading LNG.

2.1.2 Additional service feature REGAS

Additional service feature REGAS is assigned to units with the service notation liquefied gas carrier - FSRU or FSRU and the regasification System is to be in compliance with the requirements of Sec 10.