

GLOSSARY

This glossary provides the definitions of some of the terms used often in the Regasification Code.

In most cases, the terms have a meaning specific to this subject matter. Therefore it was deemed appropriate to group them in this Annex for greater clarity and ease of reading.

<i>Thermal Year</i>	The period that starts at 06:00 on the 1st of October and ends on the following 1st of October at 06:00.
<i>Berthing</i>	Docking operation of an LNG Carrier at the Terminal's pier
<i>Boil-off</i>	Evaporation (also called regasification) of Liquefied Natural Gas.
<i>Allocation schedule</i>	The schedule of the allocation processes set out in Chapter 5 and of the capacity transactions set out in Chapter 8 of the Regasification Code, published by GNL Italia on its website
<i>Acceptance Window</i>	A period of 12 (twelve) consecutive hours, starting at 08:00 and ending at 20:00 (Italian time) on each Scheduled Arrival Date, during which the LNG carrier may moor at the Terminal.
<i>Capacity at the Beginning of the Thermal Year</i>	The capacity of the continuous regasification service assigned for periods equal to or longer than the Thermal Year.
<i>Capacity for the Thermal year already commenced</i>	The capacity of the continuous regasification service assigned for periods shorter than the Thermal Year.
<i>Spot Capacity</i>	The capacity of the spot regasification service that is available for allocation for month M+1 as a result of the definition of the LNG delivery schedule in month M, as set out in Chapter 9(1).
<i>Cd</i>	The daily regasification capacity of the Panigaglia Terminal, which is 17,500 m ³ _{liq} .
<i>Network Code</i>	The document, approved by the Authority's Resolution No. 75/03, as amended, which defines the conditions for access to the transport and dispatching services on the Snam Rete Gas methane pipeline network.
<i>Regasification Code</i>	This document, including all its annexes, which constitute an integral and essential part of it.
<i>Regasification Agreement</i>	The document in which the contracting parties, i.e. Operator and Users, define the specific elements of the continuous or spot core regasification service required, in accordance with the provisions set out in the Regasification Code.

<i>Scheduled Arrival Date</i>	Each calendar day on which an LNG carrier is scheduled to arrive at the Panigaglia Terminal.
<i>Gas or Natural Gas</i>	A mixture of hydrocarbons consisting primarily of methane with smaller quantities of ethane, propane and higher hydrocarbons. The gas may also contain some inert gases, including nitrogen and carbon dioxide.
<i>Liquefied Natural Gas (LNG)</i>	Natural gas that has been converted to liquid state, at a temperature that is less than or equal to its boiling point and at a pressure of approximately 101.325 kPa.
<i>Gas Day or Day</i>	A period of 24 (twenty-four) consecutive hours starting at 06:00 (Italian time) on each calendar day and ending at the same time on the next calendar day.
<i>Wobbe Index</i>	The Higher Heating Value of the Gas per unit volume divided by the square root of its relative density under the same reference conditions.
<i>Month</i>	A period starting at 6:00 (Italian time) on the first calendar day of a month and ending at the same time on the first day of the following calendar month.
<i>MJ</i>	Megajoule = 1,000,000 joule (according to the SI International System of Units).
<i>LNG Carriers or Ships</i>	The LNG carriers or tanker ships which, as set out herein, can unload LNG at the Panigaglia Terminal.
<i>NOR</i>	Acronym for "Notice of Readiness", a written notice that the LNG carrier is ready to moor at the pier of the Terminal to unload LNG, that the Ship's Captain sends to the Operator when the LNG carrier arrives at the anchor area or PBS.
<i>NOU</i>	Acronym for "Notice of Unloading" a written notice that the LNG carrier is ready to unload the LNG, that the Ship's Captain sends to the Operator when the LNG carrier is moored at the pier.
<i>PBS</i>	Acronym for "Pilot Boarding Station", the Pilot Boarding Station at the port of La Spezia.
<i>PFSP (Port Facility Security Plan)</i>	A plan developed to ensure the safety of the port from the risk of accidents involving the LNG Carriers, their cargoes and the crews on board. The La Spezia Port Authority implemented the document under Decree No. 16/2004.
<i>IT Platform</i>	IT Platform used to carry out the regasification capacity allocation processes as required by Chapter 5 of the Regasification Code. .
<i>LNG Capacity Portal</i>	Service with a web interface for web-based management of regasification capacity transactions as set out in Chapter 8 of the Regasification Code, available on GNL Italia's website.



<i>Delivery Point</i>	The flange located at the connection point between the unloading manifold of the LNG carrier and the unloading arms at the Panigaglia Terminal, where the LNG is delivered by the User and collected by the Operator.
<i>Redelivery Point</i>	Panigaglia Entry Point.
<i>Panigaglia Entry Point</i>	The Entry Point to the National Gas Pipeline Network at the Regasification Terminal located at Panigaglia (SP).
<i>Higher Heating Value (HHV)</i>	The quantity of heat, expressed in MJ, which is given off during the complete combustion of 1 Sm ³ at 15 °C and an absolute pressure of 1.01325 bar, with excess air at the same temperature and pressure as the Gas, when its combustion products are returned to the initial temperature of the Gas, and when the water that formed as steam during the combustion is returned to a liquid state at the same initial temperature as the Gas.
<i>Slots</i>	Sequence of consecutive Cds. The time period identified by one Slot includes mooring, unloading and un-mooring of an LNG Carrier at the Terminal.
<i>Constrained Slot</i>	A slot that is linked to calendar dates.
<i>Network Balancing Manager</i>	The Network Balancing Manager is the major transmission company.
<i>RN</i>	The National Gas Pipeline Network (Rete Nazionale), as defined by the Decree of the Ministry of Industry, Trade and Crafts of 22 December 2000, published in the Official Gazette of the Italian Republic General Series No. 18 of 23 January 2001, as amended.
<i>Redelivery Flexibility Service</i>	Service defined in Article 12 of the TIRG that allows Users to modify their Monthly Redelivery Schedule on demand.
<i>Peak Shaving Service</i>	Temporary LNG storage service provided by GNL Italia under Ministerial Decree of 18 October 2013.
<i>Temporary Storage Service</i>	Service defined in Article 12 of the TIRG that allows Users to store the delivered LNG at the Terminal.
<i>Ship Approval Procedure</i>	The procedure for the acceptance of LNG Carriers, agreed among operators of European terminals and published on GNL Italia's website.
<i>Snam Rete Gas (SRG)</i>	Snam Rete Gas SpA, a transmission company that provides, on the basis of the Network Code, the transport and dispatching service through its network of methane pipelines, physically interconnected with the Panigaglia Terminal.
<i>STOGIT</i>	Stogit SpA, a storage company that provides, on the basis of the Storage Code, the natural gas storage service.

<i>Regasification Terminal or Terminal</i>	The Liquefied Natural Gas storage and regasification plant located at Panigaglia (SP), including its pier and mooring facilities, the receiving systems downstream of the Delivery Point, the storage, regasification and ancillary systems up to the Panigaglia Entry Point, that enable provision of the regasification service.
<i>Consolidated Balancing Text (TIB)</i>	Consolidated text approved by resolution 312/2016/R/gas of the Italian Regulatory Authority, as amended
<i>Consolidated Regasification Service Regulation (TIRG)</i>	The consolidated regulation on the adoption of guarantees for free access to the liquefied natural gas regasification service as approved by the Authority's Resolution 660/2017/R/gas as amended
<i>TUD</i>	<p>Unloading Window, an acronym of "Terminale Ultimo di Discarica", the time allocated for unloading, a period of 58 hours, starting from the end of the Acceptance Window. The unloading is completed when the final check-list documentation has been delivered or the unloading arms have been detached, whichever occurs last.</p> <p>If GNL Italia offers the temporary LNG storage service for the Peak Shaving Service the Unloading Window lasts 82 hours during the period in which the service is provided.</p>
<i>UTC</i>	Acronym of "Universal Time Coordinate": the port of La Spezia is at +1 hour (on standard time) and +2 hours (on daylight saving time)
<i>Debtor User</i>	User for which, on the basis of the schedule of deliveries and of the monthly re-deliveries schedule of month M set out in Chapter 9, a negative estimated availability is expected for at least one day of month M, as set out in Chapter 9(3.4) of the Regasification Code.
<i>Creditor User</i>	User for which, on the basis of the schedule of deliveries and of the monthly schedule of re-deliveries of month M set out in Chapter 9, a negative estimated availability is not expected for any day of month M, as set out in Chapter 9(3.4) of the Regasification Code.
<i>Maximum Unloading Capacity</i>	The maximum quantity of LNG (expressed in cubic metres) which GNL Italia can receive at the Terminal, as indicated in the documentation relating to the availability of spot unloading slots.