


# *Ship-shore Compatibility Software*



# Public Web home page

 Login



Info Slide 2

Sub Info Slide 2

## Public documents



### General

Feedback Form 2016  
Port Information and Regulations 1.1.2012  
Pr-Load inspection

### Berth No.2

Cargo Handling Manual  
Terminal Regulations Manual  
Terminal Safety Manual

### Berth No.3

Cargo Handling Manual  
Terminal Regulations Manual  
Terminal Safety Manual

## Links of interest



RasGas Corporate website  
Ras Laffan Port Industrial Cities Directorate  
QatarGas Qatargas corporate website  
Tasweer Corporate website  
OCIMF Marine terminal Info. System



New Vessel  
Registration

Today 8  
Doha



23° 19° / 24°

PARTLY CLOUDY  
PRESSURE 982.05MB  
HUMIDITY 65%  
WIND 19.31KM/H



5:48 AM  
5:38 PM



Contact us

## *Public Web home page*

- Public access web home page


<https://www.RasGasCompatibility.com>


- Public documents are available to be downloaded
- Access to links of interest
- New vessel registration form


## *Public Web home page*

- Contact form to send RasGas a private message
- Weather information
- User Login:
  - User credentials shall be introduced.
  - Each user profile has its own permits.
  - After three fail attempts the user will be blocked.
  - The Terminal Administrator is the only one capable of unblocking a user.

# Public Web home page - Public Documents

 [Login](#)






Click on document  
to download it  
directly

Info Slide 2

Sub Info Slide 2

**Public documents** 

**General**

[Feedback Form 2016](#)

[Port Information and Regulations 1.1.2012](#)

[Pr-Load inspection](#)

**Berth No.2**

[Cargo Handling Manual](#)

[Terminal Regulations Manual](#)


[Terminal Safety Manual](#)

**Berth No.3**

[Cargo Handling Manual](#)

[Terminal Regulations Manual](#)

[Terminal Safety Manual](#)

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[OCIMF Marine terminal Info. System](#)




**New Vessel  
Registration**




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# Public Web home page - Links of interest

Public Web home page - Links of interest

Click on the link to be directed to webpage

Info Slide 2  
Sub Info Slide 2

Public documents

General  
Feedback Form 2016  
Port Information and Regulations 1.1.2012  
Pr-Load Inspection  
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# Public Web home page - Links of interest

Public Web home page - Links of interest

Click on the link to be directed to the different webpages

Info Slide 2  
Sub Info Slide 2

Public documents

Links of interest

- RasGas Corporate website
- Ras Laffan Port and Industrial Cities Directorate
- QatarGas Qatargas corporate website
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New Vessel Registration

Contact us

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5:38 PM


Bringing Energy to Life

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Latest News

Terminal Safety Manual


# Public Web home page - New Vessel Registration



[Login](#)



Click here to register a new vessel and ask for credentials

Public documents 

**General**

Feedback Form 2016

Port Information and Regulations 1.1.2012

Pr-Load inspection

**Berth No.2**

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**New Vessel Registration**

  
**Contact us**

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**23°** 19° / 24°

PARTLY CLOUDY  
PRESSURE 982.05MB  
HUMIDITY 65%  
WIND 19.31KM/H

5:48 AM  
5:38 PM



# Public Web home page - New Vessel Registration

Login

New vessel registration form

General

Vessel Name

IMO Number

Flag

Telephone

Fax

Email

Year Delivery

Classification Society

Ship Operator

Remarks

Send

The message has been sent successfully

the power of the drop  
THE ENERGY TO TRANSFORM

Once all the data are filled in, "send" button should be pressed and an email will be submitted to Rasgas fleet compatibility team

Confirmation message will appear when information has been correctly saved and submitted

# Public Web home page - Contact Us

When an user wants to contact RasGas team the following icon should be clicked

The screenshot shows the RasGas Public Web home page. At the top, there is a navigation bar with the RasGas logo and a 'Login' button. Below the navigation bar is a large banner image of a ship at a port. A text box with a black border and white background is overlaid on the banner, stating: 'When an user wants to contact RasGas team the following icon should be clicked'. A red arrow points from this text box to a blue button with a white envelope icon and the text 'Contact us'. The button is located in the bottom right corner of the page, below the 'New Vessel Registration' button. To the left of the 'Contact us' button are three main content sections: 'Public documents' (green header), 'Links of interest' (blue header), and 'New Vessel Registration' (green header). The 'Public documents' section lists various manuals and regulations. The 'Links of interest' section lists external websites. The 'New Vessel Registration' section has a green button with a white ship icon. To the right of these sections is a weather widget for Doha, showing a temperature of 23°C and a forecast of partly cloudy weather.

Public documents

General

- Feedback Form 2016
- Port Information and Regulations 1.1.2012
- Pr-Load Inspection

Berth No.2

- Cargo Handling Manual
- Terminal Regulations Manual
- Terminal Safety Manual

Berth No.3

- Cargo Handling Manual
- Terminal Regulations Manual
- Terminal Safety Manual

Links of interest

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New Vessel Registration

Today 8  
Doha

23° 19° / 24°

PARTLY CLOUDY  
PRESSURE 982.05MB  
HUMIDITY 65%  
WIND 19.31KM/H

5:48 AM  
5:38 PM

Contact us

# Public Web home page - Contact Us

Login

Contact us

General

Name

Telephone

Email

Entity

Confirmation message will appear when information has been correctly saved and submitted

Once all the data are filled in, "send" button should be pressed and an email will be submitted to RasGas fleet compatibility team

The message has been sent successfully

راس غاز  
RG  
RasGas

the power of the drop  
THE ENERGY TO TRANSFORM

# Public Web home page - Weather forecast

Login

راس غاز  
RG  
RasGas

Info Slide 2  
Sub Info Slide 2

Information about weather conditions at site. Black arrow to show forecasted information for coming days

Public documents

- General
  - Feedback Form 2016
  - Port Information and Regulations 1.1.2012
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New Vessel Registration

Contact us

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23° 19° / 24°

PARTLY CLOUDY  
PRESSURE 982.05MB  
HUMIDITY 65%  
WIND 19.31KM/H

5:48 AM  
5:38 PM



## Public Web home page - Login

Public Web home page - Login

user password Enter

By clicking on "Login" button, credentials can be filled in to access the compatibility software

Info Slide 1

Sub Info Slide 1

Public documents



General  
Feedback Form 2016

Links of interest



RasGas' Corporate website  
RasGas' Corporate website



New Vessel  
Registration

Today 8  
Doha



# Private Web home page - Operator User

OP0001 | Operator (TestOperator) | Disconnect

RasGas

Home

LNG Berth 2

LNG Berth 3

Same features as in public web home page

Info Slide 2  
Sub Info Slide 2

Public documents

General

Feedback Form 2016

Port Information and Regulations 1.1.2012

Pr-Load Inspection

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Terminal Regulations Manual

Terminal Safety Manual

Berth No.3

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Terminal Regulations Manual

Terminal Safety Manual

Links of interest

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Ras Laffan Port Industrial Cities Directorate

QatarGas Qatargas corporate website

Tasweeq Corporate website

OCIMF Marine terminal Info. System

New Vessel Registration

Today 9  
Doha

21° 18° / 23°

CLOUDY

PRESSURE 982.05MB ↓↓

HUMIDITY 73%

WIND 4.83KM/H

Contact us

5:46 AM

5:38 PM

The operator user will have access to LNG Berth 2 and/or 3 depending on his credentials.

# Vessel registration - Operator User

**Vessels list for LNG Berth 2**

Home

Vessels

Create a new vessel via web

Create a new vessel via excel file

Check / Import existing vessel from RasGas database

**Import** vessel data from RasGas database (only vessels created by this operator)/ **Check** if the vessel already exists in the database (the user will be able to check if he has already created this vessel and it is in the database of the software. If the vessel already exists the user will not be able to create it)

# Online vessel registration - Operator User

New vessel



Always remember to save after adding/modifying information on each tab/subcategory

General	Ship main dimensions and parameters	Communication tools data	Fender and flat body data
Mooring configuration	Unloading arms/Manifold data	Gangway data	

Vessel name	<input type="text"/>
LR/IMO Number	<input type="text"/>
Flag	<input type="text"/>
Telephone Number	<input type="text"/>
Fax	<input type="text"/>
E-mail	<input type="text"/>
Delivery year	<input type="text"/>
Classification Society	<input type="text"/>
Operator	<input type="button" value="v"/>

Each tab has information that needs to be filled in before running the compatibility test.

If the provided data is not complete the software will warn of the missing information.



# Online vessel registration - Operator User



Always remember to save after adding/modifying information on each tab/subcategory

General Ship main dimensions and parameters Communication tools data

Mooring configuration Loading arms Manifold data Gangway data

## General

Capacity (at 100% full)  m<sup>3</sup>

Capacity (at 98.5% full)  m<sup>3</sup>

Number of tanks

Displacement (Summer)  t

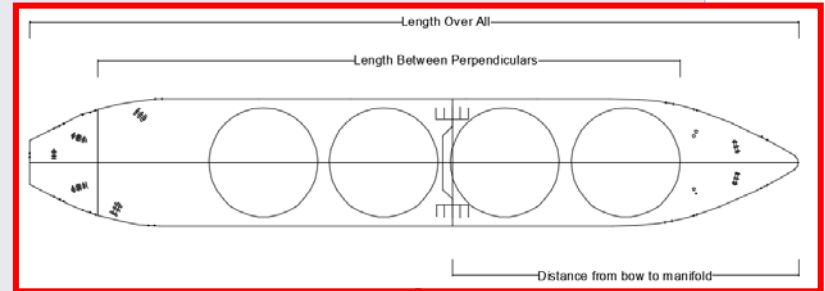
Displacement (Loaded)  t

Displacement (Arrival)  t

Beam  m

Depth  m

Distance from bow to manifold  m



## Length

Length of Vessel Overall [LOA]  m

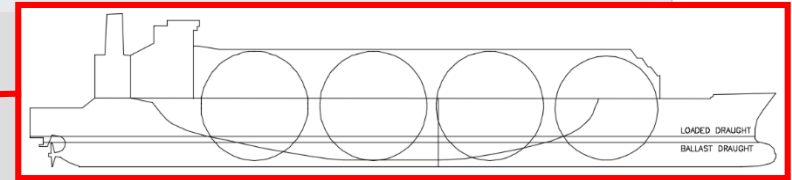
Length between perpendiculars (LBP)  m

## Draught

at loaded condition  m

at ballast condition  m

at lighthship  m



# Online vessel registration - Operator User

**Always remember to save after adding/modifying information on each tab/subcategory**

**Vessel type and characteristics**

Vessel type ☐ Membrane ☐ Moss ☐ QMAX ☐ QFLEX

Bow geometry ☐ Bulbous ☐ Conventional

Bow thruster ☐

Power bow thruster  hp

**Windage deck area at ballast condition**

Side  m<sup>2</sup>

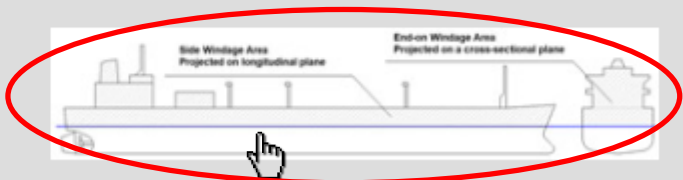
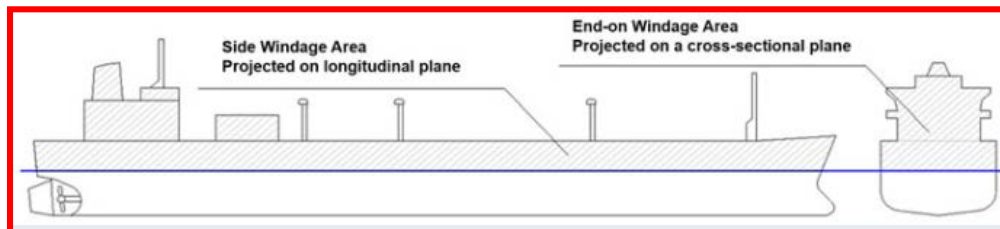
End-on  m<sup>2</sup>

**Windage deck area at loaded condition**

Side  m<sup>2</sup>

End-on  m<sup>2</sup>

Click on the pictures to enlarge them and see the windage deck area

# Online vessel registration - Operator User



Always remember to save after adding/modifying information on each tab/subcategory

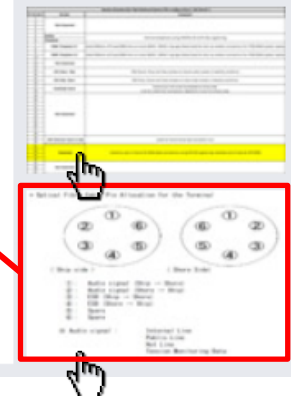
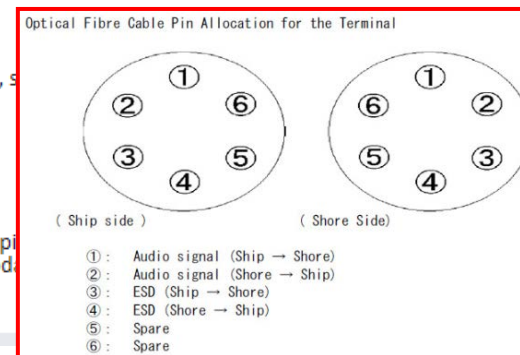
General
Ship main dimensions and parameters
Communication tools data

Mooring configuration
Loading arms
Manifold data
Gangway data

### Terminal communications tools data

- Pneumatic ESD**  
Manufacturer: NITTA MORE.  
Connector type: Connector SVHC8-8F (Female).  
Position: Near Gangway pedestal on a Hose Reel.  
Air pressure: Normal : 5.0 bar, Trip : 2.8 bar.  
Cable length: 50m.
- Electric ESD**  
Manufacturer: SEATECHNIK.  
Connector type: Connector PYLE NATIONAL 37 Pins, s  
Position: Near Gangway pedestal on a Hose Reel.  
Cable length: 50m.
- Optic Fiber ESD**  
Manufacturer: Furukawa Electric Co.  
Connector type: Manufacturer Standard FC type (6 pi  
Position: Near 16.0 m aft of spotting line at accomod  
Cable length: 50m.

Click on the pictures to enlarge



# Online vessel registration - Operator User

Vessel ESD and communication system (Select and define the vessel ESD and communication systems)

Pneumatic System	<input checked="" type="checkbox"/>
Pneumatic ref.	
Remarks	
Electric system	<input checked="" type="checkbox"/>
Electric ref.	
Remarks	
Optical Fiber System	<input type="checkbox"/>

Always remember to save after adding/modifying information on each tab/subcategory

As you check on the boxes, fill in the blanks with additional information



# Online vessel registration - Operator User



Always remember to save after adding/modifying information on each tab/subcategory

General | Ship main dimensions and parameters | Communication tools data | Fender and flat body d

Mooring configuration | Loading arms | Manifold data | Gangway data

Fenders contact

Contact point between hull and fenders ☐ Curve hull part ☐ Flat body

Parallel body dimensions

**Bow**

1 at loaded condition  m

3 at ballast condition  m

5 at lighthship  m

**Stern**

2 at loaded condition  m

4 at ballast condition  m

6 at lighthship  m

# Online vessel registration - Operator User



Always remember to save after adding/modifying information on each tab/subcategory

General
Ship main dimensions and parameters
Communication tools data
Fender and flat body data

Mooring configuration
Loading arms
Manifold data
Gangway data

### Mooring hardware data

Minimum Breaking Load  t

Material of lines ☐ Steel ☐ Polyamide ☒ Other synthetic

Mooring brake maximum holding power  t

Mooring tails MBL  t

Click on the pictures to enlarge them and see the mooring

Plan viewElevation view

Plan viewElevation view

# Online vessel registration - Operator User

General Ship main dimensions and parameters Communication tools data Fender and flat body data

Mooring configuration Unloading arms/Manifold data Gangway data

Mooring hardware data

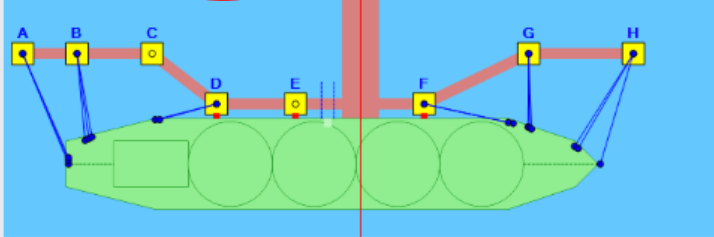
Minimum Breaking Load  t

Material of lines ☒ Steel ☐ Polyamide ☐ Other synthetic

Maximum brake holding power  t

Mooring tails MBL  t

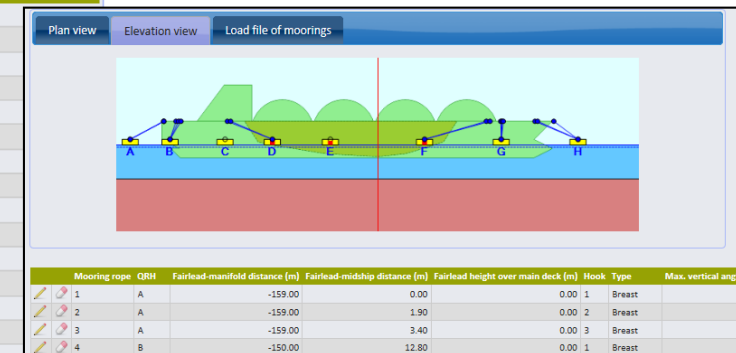
Plan view Elevation view **Load file of moorings**



Mooring rope	QRH	Fairlead-manifold distance (m)	Fairlead-midship distance (m)	Fairlead height over main deck (m)	Hook	Type	Max. vertical angle
1	A	-159.00	0.00	0.00	1	Breast	
2	A	-159.00	1.90	0.00	2	Breast	
3	A	-159.00	3.40	0.00	3	Breast	
4	B	-150.00	12.80	0.00	1	Breast	
5	B	-148.00	13.80	0.00	2	Breast	
6	B	-146.30	14.65	0.00	3	Breast	
7	D	-111.80	24.00	0.00	1	Spring	
8	D	-109.40	24.00	0.00	2	Head/Stern	
9	F	80.45	22.50	0.00	1	Spring	
10	F	83.10	22.00	0.00	2	Spring	
11	G	91.10	20.10	0.00	1	Breast	
12	G	92.00	19.80	0.00	2	Breast	
13	H	116.50	9.60	0.00	1	Head/Stern	
14	H	118.45	8.40	0.00	2	Head/Stern	
15	H	130.50	0.00	0.00	3	Breast	
16	G	93.00	19.00	0.00	3	Breast	
17							

In case the user wants to define the mooring lines via the excel file

When previous tabs are completed and the information has been saved, the software will draw the vessel (plan and elevation view) and the mooring lines will have to be defined (characteristics, fairleads position and hook to which it is moored).



# Online vessel registration - Operator User

General
Ship main dimensions and parameters
Communication tools data
Fender and flat body data
Mooring configuration
Loading arms
Manifold

### Mooring hardware data

Minimum Breaking Load  t

Material of lines ☐ Steel ☒ Polyamide ☐ Other synthetic

Mooring brake maximum holding power  t

Mooring tails MBL  t

Plan view
Elevation view
Load file of moorings

Download Excel file and fill in/modify the mooring line configuration

Upload Excel file

Click to select file

Upload

In case the user wants to define the mooring lines via the excel file. This option will appear only if previous information has been introduced.

Download mooring form, fill it in and upload it



# Online vessel registration - Operator User

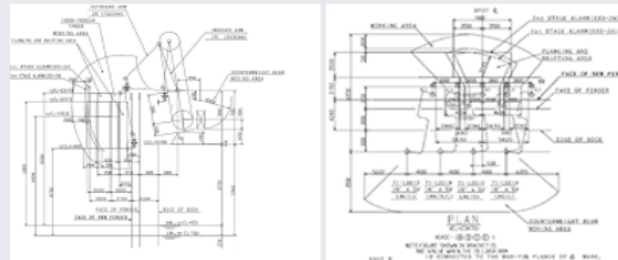


Always remember to save after adding/modifying information on each tab/subcategory

General Ship main dimensions and parameters Communication tools data Fender and  
Mooring configuration Loading arms Manifold data Gangway data

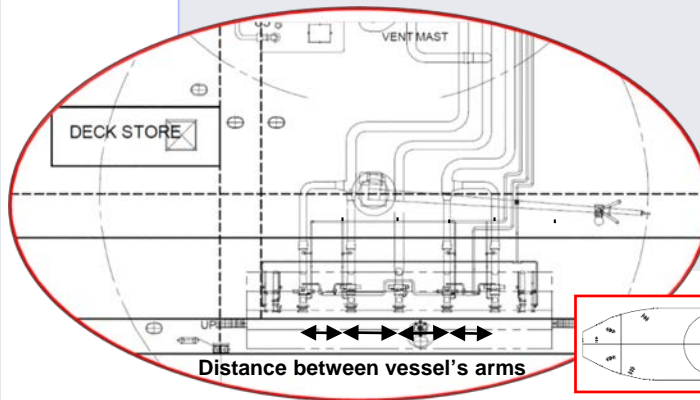
## Terminal loading arms characteristics

Click on the pictures to enlarge them and see the loading arms details



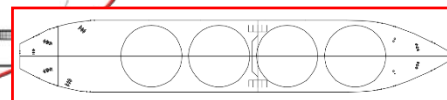
## Vessel arms definition

Introduce in the following table the vessel transfer arms and put them in order from bow to stern



Order	Type	Distance to next mouth (m)
1	Liquid	3.50
2	Liquid	3.50
3	Vapour	3.50
4	Liquid	3.50
5	Liquid	3.50

Introduce the vessel's manifold information and put them in order from bow to stern



# Online vessel registration - Operator User



Always remember to save after adding/modifying information on each tab/subcategory

General Ship main dimensions and parameters Communication tools data

Mooring configuration Loading arms **Manifold data** Gangway data

**Vessel manifold characteristics**

16 inches loading arms layout ☐

Spool piece to 16 inches ☒

**A** Spool piece width  m

**B** Distance from ship side to loading arm flange  m

**C** Vertical distance between flange and ship main deck  m

Vapour arms offset  m

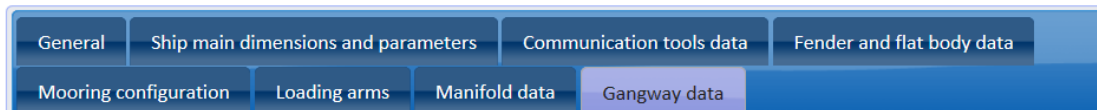
Maximum loading rate  m<sup>3</sup>/h

Misalignment between the vessel manifold and terminal's vapour arm

# Online vessel registration - Operator User

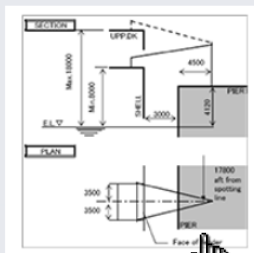


Always remember to save after adding/modifying information on each tab/subcategory



## Terminal gangway characteristics

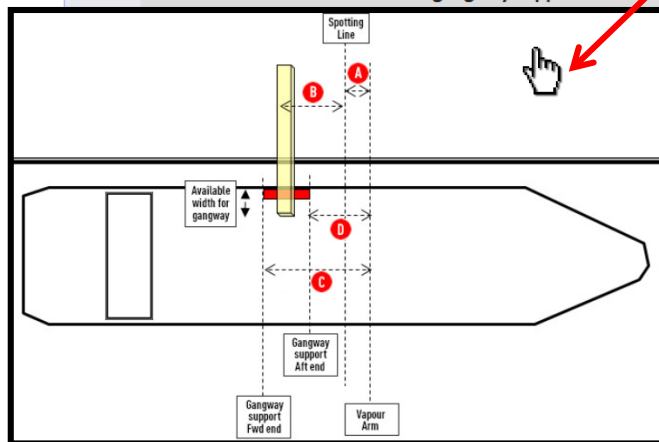
Click on the pictures to enlarge them and see the gangway details



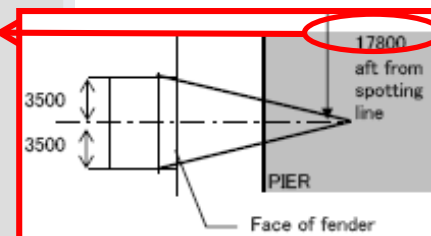
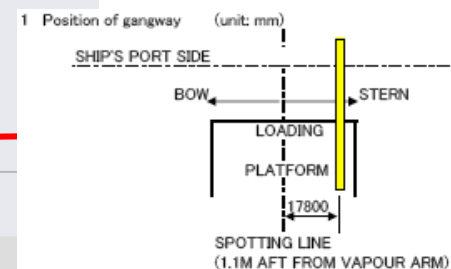
Click on the image to enlarge

## Vessel gangway characteristics

### Distance between manifold and gangway support area limits



A	Dist. bet Vapour Arm and spottling line	1.10 m
B	Dist. bet Spottling Line and Ctr of Gangway	17.80 m
C	Dist bet Ship Vap Arm and Fwd end of support	25.70 m
D	Dist bet Ship Vap Arm and Aft end of support	13.70 m
	Available width for gangway	0.00 m
	Support height from deck level	0.00 m



# Online vessel registration - Operator User

LNG Berth 2

Technical document list for acceptability Ship data



Check and select which one of the uploaded files corresponds with each one of the required documents.

Provide validity on those documents where it is required.

Click here to select file

Upload documentation Documentation validity Documentation check list

Please upload the requested information (see Documentation tabs). **Compatibility will not be approved unless all required information is provided.**  
Warning: files uploaded cannot exceed 20MB each.

Name	Date	Terminal
LNG Jupiter Gas Form-C_27th Oct-2010.xls	02/03/2016 10:07:47	LNG Berth 2
Jupiter SINES SIGTTO Questionnaire (rev 2).xls	02/03/2016 10:04:05	LNG Berth 2
Estudo de compatibilidade_Jupiter.xls	02/03/2016 10:03:42	LNG Berth 2
1592 General Arrangement.pdf	02/03/2016 10:03:33	LNG Berth 2

Click to select file **Upload**

Upload documentation Documentation validity Documentation check list

Indicate which of the uploaded documents contains the requested information

Required documentation		
General arrangement plan	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Mooring arrangement plan	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Manifold arrangement drawing	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Ship/Shore Interface Plan	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Ship/Shore Interface Plan detailing location of winches/fairleads to perform mooring analysis	<input checked="" type="checkbox"/>	1592 General Arrangement.pdf (LNG Berth 2)
Spool Piece Specification (Short Distance Piece), detail drawings	<input checked="" type="checkbox"/>	1592 General Arrangement.pdf (LNG Berth 2)
Sunken Bitts / Overboard Drains @Flat body Specification (Diagram) statement to confirmed no protrusion	<input checked="" type="checkbox"/>	Jupiter SINES_SIGTTO Questionnaire (rev 2).xls (LNG Berth 2)
Form B/C - Particulars of the Vessel	<input checked="" type="checkbox"/>	1592 General Arrangement.pdf (LNG Berth 2)
Sister Vessels' Certificate	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Ship/Shore Compatibility Information for Ras Laffan (template attached)	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Sample printouts of Before/After/Certificate of loading	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)
Certificate of Accuracy of Custody Transfer Measurements Systems	<input checked="" type="checkbox"/>	Estudo de compatibilidade_Jupiter.xls (LNG Berth 2)

Upload documentation Documentation validity Documentation check list

Documentation provided by the vessel

Certificate of Accuracy of Custody Transfer Measurements Systems (CTMS) ☒  
Issued: Tuesday 3 March 2015  
Valid up to: Tuesday 3 March 2020

Cool Down Tables (Warm & Cold) ☒  
Issued: Sunday 3 January 2010

Cargo Tanks Gassing Up ☒  
Issued: Friday 9 May 2014

Cargo Tanks Calibration Tables & Approved Certificate ☒  
Issued: Sunday 11 March 2012  
Valid up to: Saturday 18 August 2018

Protection and Indemnity Certificate (P&I) ☒  
Valid up to: Wednesday 20 April 2016

# Excel template vessel registration - Operator User

## Create new vessel in LNG Berth 2 terminal with Excel data

LNG Berth 2



You can get here an empty Excel form, fill it out with the requires information, and upload the filled form. The software application will import the data to a new vessel.

1. Download Excel form



2. Choose filled out Excel file

Examinar...

Download  
template to be  
filled in and  
upload it to the  
software.



Please, be aware  
that the excel file  
format cannot be  
modified since the  
software would not  
be able to read it  
correctly.

# Excel template vessel registration - Operator User

Ship/ Shore Compatibility study	
<b>General ship characteristics</b>	
Vessel's Name:	
LR/IMO Number:	
Flag:	
Telephone:	
Fax:	
E-mail:	
Year of delivery:	
Classification society:	
Operator:	
Contact person:	
<b>Documentation</b>	
<b>Drawings:</b>	
General Arrangement Plan (Electronic copy)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Mooring Arrangement Plan (Electronic copy)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Manifold Arrangement Drawing	YES <input type="checkbox"/> NO <input type="checkbox"/>
Ship Shore Interface Plan detailing location of winches/fairleads (copy)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Spool Piece (short distance piece) detailed drawings	YES <input type="checkbox"/> NO <input type="checkbox"/>
Snakes Bitts/ Overboard Drains at Flat body specification (diagram) statement to be confirmed on protra	YES <input type="checkbox"/> NO <input type="checkbox"/>
Ship Particulars/ Gas Form C/B	YES <input type="checkbox"/> NO <input type="checkbox"/>
Sister Vessels' Certificate	YES <input type="checkbox"/> NO <input type="checkbox"/>
Ship/Shore Compatibility Information for Ras Laffan (template attached)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Recent sample printouts of Before/After Certificate of Loading (CTMS)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Certificate of Accuracy of Custody Transfer Measurement Systems (CTMS)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Valid up to	(dd/mm/yyyy)
Issued	(dd/mm/yyyy)
Details of Custody Transfer Measurement Systems (CTMS)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Cool Down Tables (Warm & Cold)	YES <input type="checkbox"/> NO <input type="checkbox"/>
Issued	(dd/mm/yyyy)
Cargo Tanks Gassing Up	YES <input type="checkbox"/> NO <input type="checkbox"/>
Issued	(dd/mm/yyyy)
Cargo Tanks Calibration Tables & Approve Certificate	YES <input type="checkbox"/> NO <input type="checkbox"/>
Valid up to	(dd/mm/yyyy)
Issued	(dd/mm/yyyy)

Ship/Shore Compatibility study	
<b>Gangways location</b>	
Available width for gangway support on the vessel (m):	0.00
Support Height above main deck (m):	0.00
Distance to manifold (vapour line) from available surface gangway support limits (m):	
Maximum distance:	0.00
Minimum distance:	0.00
<b>Line Configuration</b>	
Mooring	
Distance from ship's line exit to Vapour line (x) (m)	
Dist. to axis (Y) (m)	
Hook (MD2 A1..MD2 E)	
Height over main deck (m)	
1	0.00
2	0.00
3	0.00
4	0.00
5	0.00

Excel template should be filled in completely before uploading to the software



## *Excel template vessel registration - Operator User*

RasGas Fleet Compatibility team will contact the vessel operator once all the required information has been successfully introduced.

# *Ship-shore Compatibility Software*

