



QUESTIONNAIRE

**SHIBATA****FENDER****TEAM**

▶ | on the safe side

## PROJECT REQUIREMENTS

Port: .....  
 Berth: .....  
 Client: .....  
 Designer: .....  
 Contractor: .....

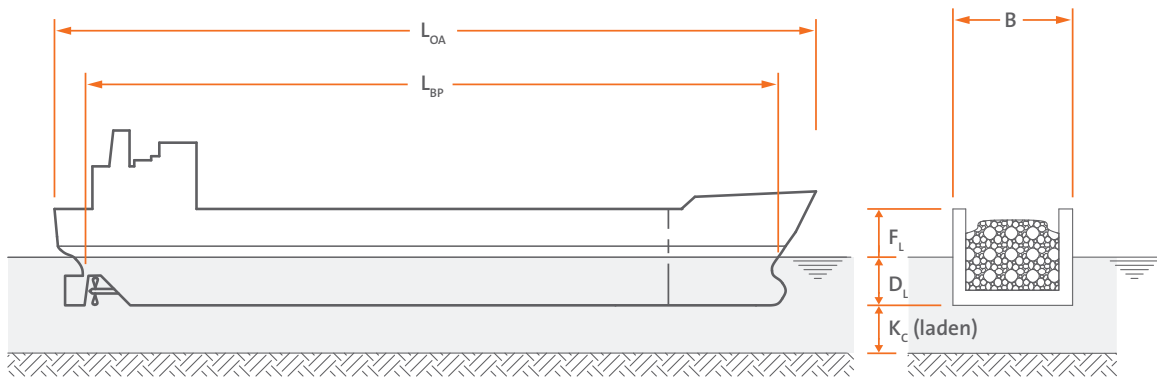
Accurate project information is needed to propose the most suitable fenders.

Please use the table below to describe the operating requirements with as much detail as possible.

Project:  New Construction  Upgrade

Status:  Preliminary  Detail  Tender

## SHIP INFORMATION



### LARGEST SHIPS

Type/Class .....  
 Deadweight ..... DWT  
 Displacement ..... t  
 Length Overall ..... m  
 Beam ..... m  
 Draft ..... m  
 Hull Pressure ..... kN/m<sup>2</sup> (kPa)  
 Belting  Yes  No ..... Size  
 Bow Flare ..... deg.  
 Bow Radius ..... m

### SMALLEST SHIPS

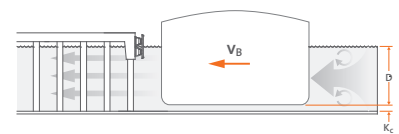
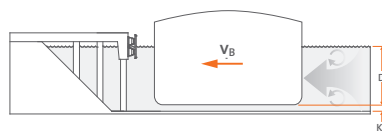
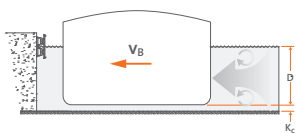
Type/Class .....  
 Deadweight ..... DWT  
 Displacement ..... t  
 Length Overall ..... m  
 Beam ..... m  
 Draft ..... m  
 Hull Pressure ..... kN/m<sup>2</sup> (kPa)  
 Belting  Yes  No ..... Size  
 Bow Flare ..... deg.  
 Bow Radius ..... m

## BERTH INFORMATION

CLOSED BERTH FACE

PART-CLOSED BERTH FACE

OPEN STRUCTURE



Berth Type  Continuous wharf  Dolphins  Pontoon  Lock or drydock  Other .....  
 Length of Berth ..... m  
 Fender spacing ..... m  
 Deck level ..... m (above datum)  
 Highest tide (HHW) ..... m (above datum)  
 Under keel ..... m (min) ..... m (max)  
 Import/Export  Import  Export  Both  
 Maximum reaction ..... kN  
 Soffit level ..... m (above datum)  
 Lowest tide (LLW) ..... m (above datum)  
 Wind speed ..... m/s  
 Current speed ..... m/s

**LOCATION**

**Climate**

- Moderate  Tropical  Desert  Mediterranean  Polar

**Temperature**

.....°C (min)      .....°C (max)

**Corrosivity**

- High  Medium  Low

**Water type**

Sea  Fresh      SG = ..... t/m<sup>3</sup>

**Winter Ice**

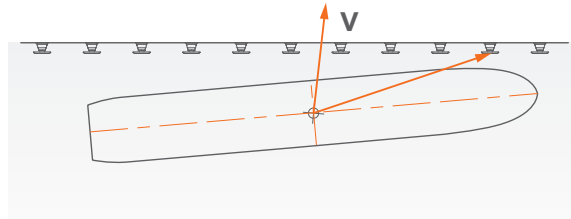
- Never  Sometimes  Every Year

**BERTHING INFORMATION**

Point of contact

- Midships  Thirdpoint  Quarterpoint  Fifthpoint  Sixthpoint

Side berthing

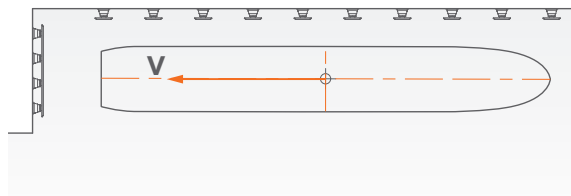


Approach Speed.....m/s

Berthing angle.....deg.

Factor of safety.....

End Berthing

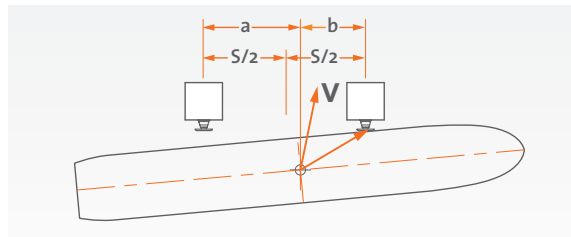


Approach Speed.....m/s

Berthing angle.....deg.

Factor of safety.....

Dolphin berthing

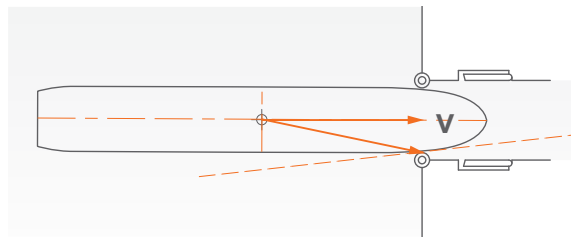


Approach Speed.....m/s

Berthing angle.....deg.

Factor of safety.....

Lock entrance

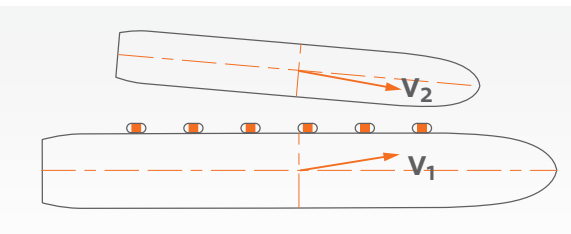


Approach Speed.....m/s

Berthing angle.....deg.

Factor of safety.....

Lithering (Ship to Ship)



Approach Speed.....m/s

Berthing angle.....deg.

Factor of safety.....

**OTHER INFORMATION**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Design Code:**

- PIANC  
 BS6349  
 EAU-2004  
 ROM 0.2-90  
 ROSA 2000  
 ASNZ 4997  
 UFC 4-152-01  
 Other

NOTES

Ruled lines for writing notes, consisting of a series of horizontal dotted lines.

# OUR OFFICES.



Presented by:

[www.sft.group](http://www.sft.group)