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# SHIBATAFENDERTEAM GROUP

GERMANY | FRANCE | AMERICAS | ASIA

Marine Fenders & Products

5<sup>th</sup> Black Sea Port & Shipping 2016 – Constanta, Romania

Presented by: J. Richter



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#### **CONTENT**

- 1. SHIBATAFENDERTEAM GROUP
- 2. PRODUCTS
- 3. SERVICES





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#### SHIBATAFENDERTEAM GROUP

**HEADQUARTERS** Hamburg, Germany

OFFICES + Lansdowne, USA

**REPRESENTATIVES** Paris, France

Kuala Lumpur, Malaysia (from 01 June 2016)

Extensive agent's network around the world

**PRODUCTION** Rubber fender production in Japan and Malaysia

Own steel fabrication facilities in Germany

Foam Filled Fender production in Germany & USA





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#### SHIBATAFENDERTEAM GROUP

**TURNOVER** ~ 40 million USD

**DELIVERED PROJECTS** > 2.800 worldwide since 2006

PROJECT SIZES > 5 million USD / project

> 200 fender systems / project





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#### SHIBATAFENDERTEAM GROUP

**ACHIEVEMENTS** 

ISO 9001 ISO 14001

PIANC Type Approval for standard range



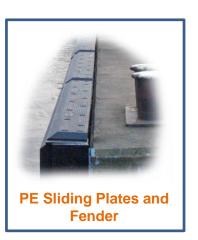


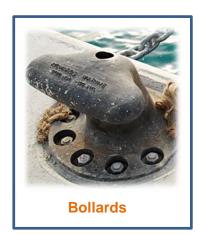
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#### **Product Areas**



- Fixed Fender
- Foam Fender
- Pneumatic Fender
- Special Solutions
- > Tug Fender











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#### Fender & Fender Systems

> SPC-800 Cone Fender Systems for Tema Bulk Terminal, Ghana







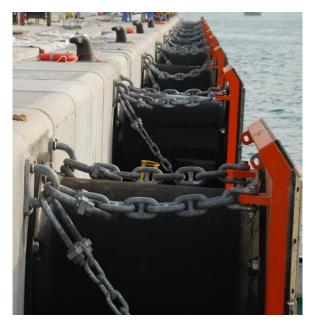
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#### Fender & Fender Systems

CSS-2000 Cell Fender System for Khalifa Port, Abu Dhabi, U.A.E.







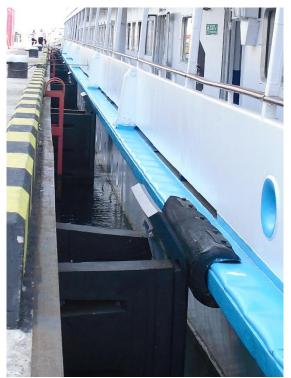


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#### Fender & Fender Systems

Special Element Fender FE 1000 x 1500 mm System for Odessa Port, Ukraine









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#### Fender & Fender Systems

➤ Element Fender FE 750 x 1000 mm System for PetroPort Port, Sweden







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#### Fender & Fender Systems

SX Fender / SX-P 300 & 500 Fender for Port of Sochi, Russia







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#### Fender & Fender Systems

OceanGuard OD 1700 x L 3000 mm for Gdansk, Poland







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#### Fender & Fender Systems

Pneumatic Fender OD 1350 x L 2500 mm for Hamburg, Germany







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#### Fender & Fender Systems

Cylindrical Fender OD 1500 & 1200 mm for Container Terminal, Hamburg, Germany



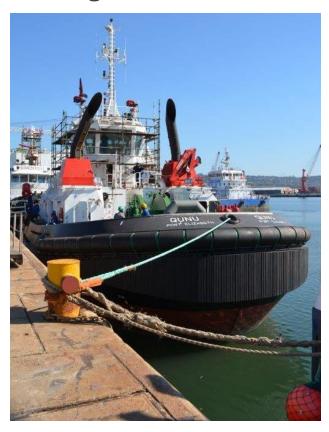


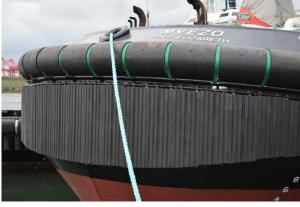


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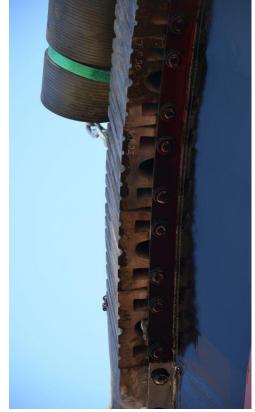
#### Fender & Fender Systems

> Tugboat Fenders for Port Elizabeth, South Africa







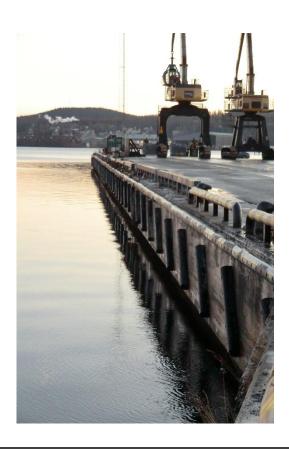




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### Fender & Fender Systems

Extruded Fenders







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#### **Other Products**

#### Sliding Fenders, Bollards & Ladders













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#### **SFT Services**

For the design of a high performance, reliable and high quality fender system

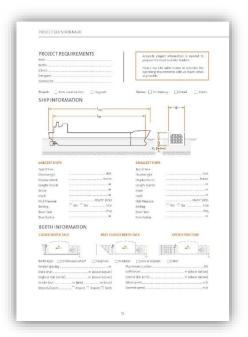


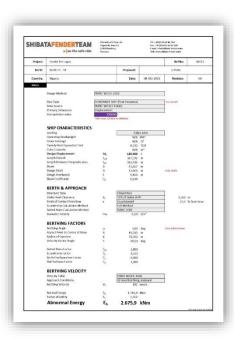


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#### **SFT Services**

- Questionnaire
- Energy Calculations
- Specifications





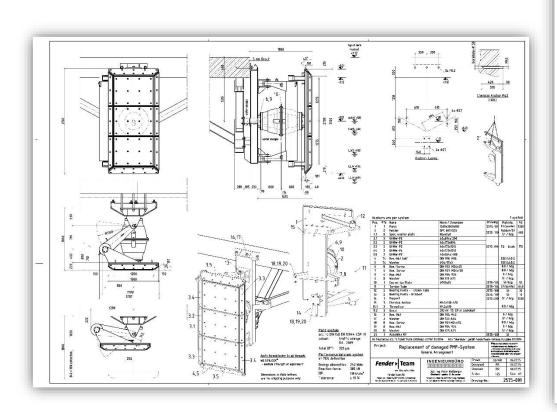
#### Fender Specification PART 1 GENERAL I.I SUMMARY OF WORK The work under this Section consists of fabrication and delivery of new marine fender systems and bollards to be installed in Nabrzeze Oliwskie, Poland. The Contractor shall furnish all materials, labor, equipment, utilities, and incidental items necessary for the installation of marine fender systems as indicated on the project drawings and specified herein. 1.2 REFERENCES The publications listed below form a part of this specification to the extent referenced. The publications are referred in the text by the basic designation only. PIANC, Guidelines for the design of fender systems: 2002 EAU-E62 "Acceptance requirements for fender clastomers" EUROCODE 3 DIN 18800-7:2008-11, Class D, execution and constructor's qualification Welding process (acc. to DIN EN ISO 4063): 135, semi-automatic gas metal are 783, Are stud welding with ceramic ferrule or shielding gas 1.3 SUBMITTALS The Contractor shall submit the following in accordance with the General Conditions of the Contract. Note that approval of the submittals by the Engineer shall not be construed as relieving the Contractor from responsibility for

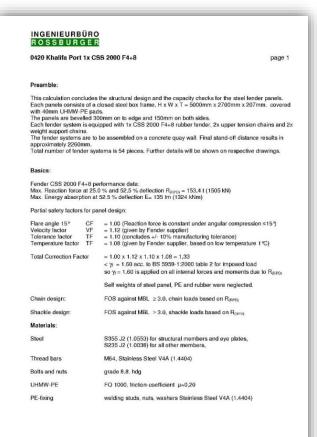


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#### **SFT Services**

#### **Detailed Drawings & Calculations**







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#### **SFT Services**

- In-house Fender Testing
- > Installation Supervision
- After Sales Service







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#### **SFT** Literature

- Product Catalogue
- Installation, Operation & Maintenance Manual (IOM)
- Design Manual







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