



Work Order: 5541305-A  
First Visit Date: 09-Nov-2022  
Last Visit Date: 09-Nov-2022  
Vendor PO Number: PWO/120476  
Survey Location: Oslo

## Equipment Certification Report

**Asset Type** Ship Side Valve  
**Customer Name** SKIPPER ELECTRONICS A/S  
**WCN of Customer** 500646  
**Location** Oslo

*'This is to certify that the undersigned Surveyors to this Bureau did at the request of SKIPPER ELECTRONICS A/S, on 09-Nov-2022 carry out the following survey and report as follows:*

### Client Asset Name Quantity

Ship Shell Gate Valve 4

### Name Plate Data

| ABS Label             | Manufacturer                               | Purchaser | Designer               | Destination Vessel | Spare |
|-----------------------|--|-----------|------------------------|--------------------|-------|
| Ship Shell Gate Valve | VIS VANA SAN. ITHALAT IHRACAT TIC.LTD.STI. | -         | SKIPPER ELECTRONICS AS | -                  | Yes   |

### Basic Identification Data

| Serial Number              | Model Number | Owner Tag Number | Supplier Ref. Number |
|----------------------------|--------------|------------------|----------------------|
| 22430, 22431, 22432, 22433 | SB-100-SA    | -                | PWO/120476           |

### Report Details

#### ABS Stamping Maltese Cross

5541305 Yes

### Design Details

| Design state            | Drawing Number   | Reviewing Organization        | Rule Set Name                                  | Rule Set Version |
|-------------------------|------------------|-------------------------------|--|------------------|
| Product Design Assessed | 17-LD1648327-PDA | London Engineering Department | Rules for Building and Classing Marine Vessels | 2017             |

### Additional Data

**Design Pressure** 5 bar  
**Valve Material** Cast Bronze  
**Valve Size** 100 mm

## Statement of Work - Classification Service - Certification -

- Plan review and/or Product Design Assessment (PDA) has identified design restrictions and/or limitations which are to be referenced upon installation onboard the vessel.
- Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.
- Dimensions and tolerances were verified as required by the design approval.

*NOTE: This Report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item of material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this Report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.*

- Functional testing of subassemblies and completed units, as specified in the fabrication procedures was completed to the satisfaction of the attending Surveyor.
- Pressure and/or proof-load testing of the equipment/component was witnessed to the satisfaction of the attending Surveyor.
- Material test reports (MTR) were reviewed and found to be the satisfaction of the attending Surveyor. Where required by the Rules, ABS material certification reports have been verified.

## Report Findings

### Statement/Observation

| <i>Finding No</i> | <i>Asset</i>          | <i>Survey Task</i>  | <i>Date Created</i> |
|-------------------|-----------------------|---|---------------------|
| 206.0             | Ship Shell Gate Valve | Certification - Ship Shell Gate Valve, Ship Shell Gate Valve, Ship Shell Gate Valve, Ship Shell Gate Valve, | 09-Nov-2022         |

### Found

## Ship shell gate valves DN100 for transducer installation

Hydrostatic pressure test was carried out at 5 bar with closed valve for 5 minutes in accordance with 2022 ABS Marine Vessel Rules 4.6.2/7.3.2.

No leakage or plastic deformation were noted during testing.

Material certificates of valves, intermediate elements and bottom flanges were provided by the manufacturer and satisfactorily reviewed.

The valves were found covered by ABS Product Design Assessment no. 17-LD1648327-PDA.

### Closing Paragraph:

The component/equipment was surveyed in accordance with the Rules, specifications, and approved drawings, as applicable, and is eligible for installation on board an ABS classed vessel subject to satisfactory installation and testing, as necessary.

### Attending Surveyor(s):

Silvestro, Francesco

Signed-off Date: 11-Nov-2022

### Reviewing Surveyor(s)

Work Order Reviewer: Fuglei, Tor Brodde

Work Order Credit Date: 14-Nov-2022