



Vessel Name: VALARIS DS-16
Work Order: 5192514
First Visit Date: 12-Mar-2022
Last Visit Date: 06-Apr-2022

SURVEY AFTER CONSTRUCTION VESSEL REPORT

Vessel Name VALARIS DS-16
Class Number 14235147
IMO Number 9630078
of

Majuro, Republic of the Marshall Islands

This is to certify that the undersigned surveyor(s) to this Bureau, did at the request of the Owner's representative, attend the subject Facility from 12-Mar-2022 to 06-Apr-2022 as the vessel lay afloat at Pascagoula in order to carry out the survey(s) noted below.

| Survey Task | Task Status | Finding Issued |
|--------------------------------------|-------------|----------------|
| Surveys for Classification | | |
| Damage Survey (Class) Collision | Completed | Yes |
| Statutory Surveys | | |
| Port State Control Survey Inspection | Completed | No |

Report Findings

Conditions of Class Rectified Findings

| Finding No | Status | Asset | Survey Task | Due Survey Task | Finding Type/ Criticality | Date Created | Due Date |
|------------|--------|----------------------------|---------------------------------|-----------------|--------------------------------|--------------|----------|
| 732.0 | Closed | Stanchions and Guard Rails | Damage Survey (Class) Collision | | Outstanding/ Recommendation | 06-Apr-2022 | |

Found

When the vessel made contact with the bulk carrier there was permanent damage to the starboard side riser tensioner walkways around #2 and #4 tensioner.

Recommended

Permanent repairs to be carried out as required by the attending Surveyor.

Rectified

The riser tensioner walkways and platforms on starboard side of riser tensioners #2 and #4 were replaced as per Owner furnished drawings. The new walkway and handrails inspected and found satisfactory.

Conditions of Class Rectified Findings

| Finding No | Status | Asset | Survey Task | Due Survey | Finding Type/ Criticality | Date Created | Due Date |
|------------|--------|-------|-------------|------------|------------------------------|--------------|----------|
|------------|--------|-------|-------------|------------|------------------------------|--------------|----------|

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.



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Task

| | | | | | |
|-------|--------|----------------------------|---------------------------------|-----------------------------|-------------|
| 733.0 | Closed | Stanchions and Guard Rails | Damage Survey (Class) Collision | Outstanding/ Recommendation | 06-Apr-2022 |
|-------|--------|----------------------------|---------------------------------|-----------------------------|-------------|

Found

The allision with the other vessel caused damage to the hose reel platform located on the port side. Three of the plaforms were damaged along with the control station for the reels.

Recommended

The plaforms and the control box for the reels to be replaced.

Rectified

The three damaged plaforms; including grating and handrails and lighting was replaced. Also, the damaged control box for the hose reels was replaced. All repairs inspected and found satisfactory.

Conditions of Class

Rectified Findings

| <i>Finding No</i> | <i>Status</i> | <i>Asset</i> | <i>Survey Task</i> | <i>Due Survey Task</i> | <i>Finding Type/ Criticality</i> | <i>Date Created</i> | <i>Due Date</i> |
|-------------------|---------------|----------------------------|---------------------------------|------------------------|----------------------------------|---------------------|-----------------|
| 734.0 | Closed | Stanchions and Guard Rails | Damage Survey (Class) Collision | | Outstanding/ Recommendation | 06-Apr-2022 | |

Found

Bulwark panel brackets on starboard side at frame 143 deformed.

Recommended

Tripped brackets are to cropped and renewed.

Rectified

The brackets were cropped and renewed with 18 inch by 12 inch by 3/8 inch ABS Gr. A plate. The repairs were inspected and considered satisfactory.

Conditions of Class

Rectified Findings

| <i>Finding No</i> | <i>Status</i> | <i>Asset</i> | <i>Survey Task</i> | <i>Due Survey Task</i> | <i>Finding Type/Criticality</i> | <i>Date Created</i> | <i>Due Date</i> |
|-------------------|---------------|--------------|---------------------------------|------------------------|---------------------------------|---------------------|-----------------|
| 735.0 | Closed | Main Deck | Damage Survey (Class) Collision | | Outstanding/ Recommendation | 06-Apr-2022 | |

Found

A 25T padeye located on the starboard side at frame 143 found deformed due to allision.

Recommended

Remove the deformed padeye. Inspect main deck plating to confirm that there is no fractures that transfer to the plating.

Rectified

The damaged padeye was cut off the main deck. The main deck plating inspeced and no damage to the main deck.

Statement/Observation



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|-------------------|--------------|------------------------------------|---------------------|
| 731.0 | - | Damage Survey (Class) Collision | 06-Apr-2022 |

Found

Below is a summary of the incidents that occurred as reported by the Captain.

- Name, official number and type of rig or rig(s) involved: VALARIS DS-16 / 4644 / MODU, Ship Type Unit
- Date, time, and location where the incident occurred: 0015 / MARCH 12th, 2022 / Pascagoula Harbor, MS, USA
- Type of marine incident: Mooring Failure & Allision
- A brief description of the nature and circumstances of the incident:
 - VALARIS DS-16 (the vessel) was moored alongside ST Engineering Marine Halter Offshore. The vessel is in lay up status with a full reactivation crew onboard. Due to water depth limitations along the dock, all thrusters are retracted above the keel, rendering propulsion unavailable.
 - At 0015 on 12 March 2022, the wind from a frontal passage arrived and reached 50 knots. The bollard which secured the vessel's bow lines and another vessel's stern lines failed and sheared off the dock. This resulted in the vessels bow blowing off the dock and subsequent cascading failure of all remaining lines as the vessel rotated away from the dock.
 - All available prudent seamanship efforts were made with the vessel's anchors and on-site Pushboats located on the approaching side of the channel to arrest the vessel's motion prior to allision with the MV Akti. These actions reduced the speed of impact to near zero with all damage occurring due to wind pinning forces.

A underwater inspection was carred out by SGS divers and no damages found from the allision. ABS conducted a survey of the sideshell above the waterline and damages found below.

Damages that occured are as follows:

1. Riser tensioner walkways and platforms on starboard side of riser tensioners 2 and 4.
2. The hose reel platform on starboard side damages
3. The starboard side maindeck bulwark panel at frame 143 pushed in approximately 2 inches.
4. Padeye on main deck damaged.
5. Sideshell from main deck level down four feet at frame 143. Maximum Inset of 1" found 2 feet forward of frame 143.
6. Indent on port stern 2 feet forward of transom bulkhead at 24 feet of center line. The maximum set 1/2".

Statement/Observation

| <i>Finding No</i> | <i>Asset</i> | <i>Survey Task</i> | <i>Date Created</i> |
|-------------------|--------------|------------------------------------|---------------------|
| 736.0 | - | Damage Survey (Class) Collision | 06-Apr-2022 |

Found

The sideshell plating at frame 143 was set in 1 inch in an area from main deck down two feet by four feet. The dent was smooth with no sharp edges or gouges found. The internal stiffeners inspected and not damaged or cracked welds found. No repairs required.

Statement/Observation



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| 737.0 | - | Damage Survey (Class) Collision | 06-Apr-2022 |

Found

The turn of the bilge at the transom bulkhead found set in approximately 1/2 inch over 2 feet by 3 feet. The indent was located at 26 feet off centerline on port side. The indent is smooth with no sharp edges or gouging. No repairs required.

Statement/Observation

| Finding No | Asset | Survey Task | Date Created |
|------------|-------|---|--------------|
| 738.0 | - | Port State Control Survey Inspection | 06-Apr-2022 |

Found

The USCG attended the Valaris DS-16 after the vessel broke free from her mooring and drifted into a bulk carrier. The local USCG investigators left a Port State Control Report of Inspection Form A and Form B; details as follows:

1. Code (01102) The condition of the ship and its equipment shall be maintained to conform with the provisions of the present regulations to ensure that the ship in all respects will remain fit to proceed to sea without danger to the ship or persons onboard- The maine inspectors found damage to electrical and lifesaving equipment and other systems. PSCO requires vessel to be surveyed to assess damages and attest to repairs prior to departing the COPT zone.(74 SOLAS(20) 1/11a

2. Code(01102) Ships shall be maintained in compliance with the structural mechanical and electrical requirements of a classification society with is recognized by the Administration. Marine inspectors identified structural damage to the starboard section of the vessel including but not limited to decks, vertical supports, overheads and cross beams. PSCO requires vessel to be surveyed to assess damages and attest to repairs prior to departing the COTP Zone (74 SOLAS 11-1/3-1)

3. Code (01108) Guard rails or bulwarks shall be fitted around all exposed decks. Following a reported marine casualty, marine inspectors found damaged/destroyed hand rails on starboard side of the vessel. Repair handrails to satisfaction of the RO (ICLL 66(88)/25.2

All damaged handrails, walkways and platforms repaired to the original state prior to the allision. The repairs were carried out all to the satisfaction of the attending Surveyor.

Supplemental Damage Statement ~Collision :
DESCRIPTION FROM CAPTAIN

Closing Paragraph:

It is recommended that the Facility, VALARIS DS-16, be retained as classed with this Bureau.

Attending Surveyor(s):

[REDACTED]

Signed-off Date: 12-May-2022

Reviewing Surveyor(s)

Work Order Reviewer: [REDACTED]
Work Order Credit Date: 12-May-2022