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Our contract: RTD0/2020/J5622
BV Register No. 37M892

Date: 15/06/2020

Cust. ref: 37M892

Due date 15/07/2020

Owner : RIJKSWATERSTAAT RIJKSREDERIJ
Ship:FRANS NAEREBOUT - 37M892 - IMO:8802674
Survey carried out at STELLENDAM, NETHERLANDS
From :01/05/20 to : 11/06/20 by : Dave KROCKE
RTD0/2020/J5622 (FYF/RTD0/124) PO ; 4500294196-010

Service description	VAT %	Extended price
Sub-total fees	0.00	3,623.65
Sub-total expenses	0.00	165.49

VAT 0.00 %	Taxable Amount 3,789.14	Total VAT 0.00	Net total VAT total	3,789.14 0.00
30 DAYS NET Interest on overdue payment: 1.5% per month Banking details: ING Bank IBAN: NL83 INGB 0007 4477 38 BIC: INGBNL2A			Total (EUR)	3,789.14



SHIPS IN SERVICE SURVEY REPORT

RTD0/2020/J5622

37M892 Register Number	FRANS NAEREBOUT Ship Name	8802674 IMO Number
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Connecting District	BV ROTTERDAM (RTD0)
Marine Operation Center	North European Zone
Flag	NETHERLANDS
Ship Manager	RIJKSWATERSTAAT ZD-RIJKSREDERIJ
Ship Owner	RIJKSWATERSTAAT RIJKSREDERIJ
DATES OF SURVEY	PLACE OF SURVEY
Start 01/05/2020	STELLENDAM
End 11/06/2020	NETHERLANDS
SURVEYORS	SSQM
Dave KROCKE, Marco HOLLEMANS	Niels LABRIJN
Report validated	Stamp
on 15-06-2020	
by Niels LABRIJN	



SURVEY STATEMENT

CERTIFICATES / DOCUMENTS OF COMPLIANCE ISSUED OR EXTENDED		
Certificates / Documents of Compliance	Status	Expiry Date
ILO 152 Cargo Gear	New interim certificate issued	

SURVEY(S) CARRIED OUT	
Code	Survey Name
ASH	Hull Annual Survey
ASHS	Annual survey of structure (Complete)
OSH	Hull Occasional Survey (reason : Permanent repairs to superstructure funnel steel. (Wasted))
ASM	Machinery Annual Survey
OSM	Machinery Occasional Survey (reason : Overhaul of both main engines.)
LLPI	Load Line Annual Survey
HSRP	Harmonized Safety Radio Periodical Survey
POIS	IOPP Intermediate Survey
IAPA	IAPP Annual Survey
BWMA	Ballast Water Management Annual Survey
CGAS	ILO 152 Cargo Gear Annual Survey
CGLT	ILO 152 Cargo Gear Load Test Survey
CGOS	ILO 152 Cargo Gear Occasional Survey (reason : Repair to Bouy laying crane operator cabin foundation beam and incl. Load test after repair.)

SURVEY REPORT

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1. Surveyor's statement

DCC001B ASH-ASHS-ASM-BWMA-CGAS-CGLT-HSRP-
IAPA-LLPI-POIS

Coef : 0.0

See Remark

Confirmation that applicable items of Rules and Regulations and International Conventions relevant to the present survey scope have been surveyed to the surveyor's satisfaction without remark, except when indicated otherwise hereunder

Remark

Survey was commenced before the end of survey window, however could not be completed in time.

As per flag instructions all statutory certificates have been restored after more thorough and stringent surveys, and the addition of the text "at the request of the Netherlands Administration a more thorough and stringent survey has been carried out, after which the validity of this certificate has been restored" on the endorsements.

DCC005D ASH-ASHS-ASM-BWMA-CGAS-CGLT-HSRP-
IAPA-LLPI-POIS

Coef : 0.0

Confirmation that the Master has been asked if he had anything to declare or put to his attention and that no additional points have been raised by the Master with respect to the ship's classification and statutory certification.

REM010 ASH-ASHS-ASM-BWMA-CGAS-CGLT-CGOS-
HSRP-IAPA-LLPI-OSH-OSM-POIS

Coef : 0.0

Has this survey been carried out remotely ?

☐ Yes ☒ No

2. Documentation

Documents

DCG012B CGAS

Coef : 0.0

Number and SWL of inspected cranes:

Crane identification	Nb/SWL	SWL (tons)
1 Deck crane	1	10 T

3. Hull

Hull and hull equipment

CAC010B ASH

Coef : 0.0

General examination of decks and side shell above waterline. Examination, if applicable, of accessible parts of the rudder.

CAC061 ASH-LLPI

Coef : 0.0

See Remark

Examination of superstructure end bulkheads and openings therein (doors, sills, closing arrangements).

Remark

At this time all fire flaps for accommodation and Engine room spaces have been removed, old gaskets removed, gasket channels de-rusted and all have been re-installed after fitting of new gaskets.

After re-fitting all have been tested for water tightness by means of chalk test and hose test with good result.

CAC063 ASH-LLPI

Coef : 0.0

See Remark

Examination of watertight integrity of the closures to any openings in the ship's side shell below the freeboard deck (particularly, cargo ports and other similar openings).

Remark

All doors, fire flaps and other openings have been tested by means of chalk test and hose test with good result.

4. Structure

Hull occasional survey



OSH000 OSH

Coef : 0.0

See Remark

Scope and description of the Hull occasional survey:

Description and remark

At this time vessel has carried out an emergency docking for replacement of leaking outer shaft seal of Sb propeller shaft.

Maker representative Wartsila attended and found the old seal was found damaged by fishing wire and it was has been removed and replaced by new one (bonding method).

Stern tube oil has been drained and after installation of new seals, refilled with new oil.

No more leakages observed.

During survey it was noted that several areas of the aft end accommodation / ships funnel, especially near the ER fire damper compression bars, where heavily corroded.

Area has been chipped and additional UTM has been carried out on the corroded parts.

In total four area's found too far gone and these have been cropped and renewed ant this time. (See attached UTM drawing).

All WPS, WPQ, ect have been verified at yard and all weld have been visually examined with good result.

Systematic and other thickness measurements

CAX010C ASH

Coef : 0.0

See Remark

Confirmation that thickness measurements required in the context of hull structural classification surveys are witnessed by a Surveyor.

This requires the Surveyor to be on board while gaugings are taken to the extent necessary to control the process. This includes a survey meeting to be held prior to commencement of the survey, the monitoring of the thickness measurement process on-board and the review and verification of preliminary and final reports.

Concurrent crediting to both Intermediate Survey and Class Renewal Survey for surveys and thickness measurements of spaces are not acceptable.

Date of first measurement	13/05/2020
Date of last measurement	13/05/2020

Remark

Additional UTM was required for assessing the condition of the aft part of ships funnel.

Several locations demunition was found below 25%

All effected areas have been cropped and renewed at this time (See OSH000)

MEX030B ASH

Coef : 0.0

See Remark

Additional thickness measurements as deemed necessary.

● Yes ○ No

Remark

During survey it was noted that several areas of the aft end accommodation / ships funnel, especially near the ER fire damper compression bars, where heavily corroded.

Effected area has been chipped and additional UTM has been carried out on the corroded parts.

In total four area's found too far gone and these have been cropped and renewed ant this time. (See attached UTM drawing).

5. Machinery and electricity



Machinery occasional survey

OSM000 OSM Coef : 0.0 See Remark

Scope and description of the Machinery occasional survey:

Description and remark

Visited vessel at owners request for Occasional Survey Machinery i.c.w. 10.000 hrs overhaul of both PS and SB main engines in accordance with makers requirements.

An overhaul of both PS and SB main engine has been carried out by MAN.

All Cylinder heads, pistons and liners have been pulled and A-frame has been visually inspected with good result.

Both engine has been reassembled with:

- Old reconditioned cylinder / honed liners with new O-rings
- All new piston rings on existing pistons.
- Cleaned, machined and inspected existing cylinder heads.
- All new connecting rod bearings.
- All new fuel injectors
- Several other engine parts have been renewed as per maker's guidance for 10.000 hr overhaul

All other parts remain the same and all were found still to be in satisfactory condition.

After assembly sea trials of both PS and SB main engine have been carried out with good result. All alarms and safety devices have been tested and running in protocol has been done with good result.

6. Fire protection and fire fighting

Basic fire fighting equipment

FFE165 ASM Coef : 0.0

Type of gas used in the fixed fire-fighting appliance in other spaces (like paint lockers, galleys, etc.) ?

- ☐ Halon
- ☒ CO2
- ☐ Other

Special arrangements in machinery spaces

FFE090 ASM Coef : 0.0 See Remark

Type of gas used in the fixed fire-fighting system for the machinery spaces ?

- ☐ Halon
- ☐ CO2
- ☒ Other

Remark

FM-200

7. Radiocommunications

Reference of Radio Surveyor s report

STR009 HSRP Coef : 0.0 See Remark

Reference of Radio Surveyor's report :

Description and remark

Radio Survey has been carried out by Radio Holland BV.

At this time a new MF has been installed: FURUNO FS1575 (SN:3592-6332)

8. Cargo gear

Occasional Survey



OCS100	CGOS	Coef : 0.0	See Remark
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Scope and description of the Cargo Gear occasional survey:

Description and remark

At this time following maintenance & repairs have been carried out:

1. Main winch motor and brake have been overhauled.
2. Boom hydraulic cylinders have been reconditioned by maker.
3. Cabin foundation beams found waisted. Cabin was supported by chain blocks, The mounting beams have been cropped and renewed after which the cabin has been re-installed.

After completion of repair Static and Dynamic load tes has been carried out with good result.
A new LT certificate has been issued accordingly.

Re-testing

GLT001	CGLT	Coef : 0.0	See Remark
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Description of the load test that was carried out :

Description and remark

Full static (125% SWL) and Dynamic (110% SWL) load test has been carried out with good result after repair of main winch motor and overhaul of Hydraulic cylinders crane boom.

After satisfactory completion of the load test, a new LT Cterificate has been issued accordingly.

9. Annex for Documentation on board

Reference Documents

BWM001 BWMA Coef : 0.0
Verification that the Ballast Water Management Plan is on board

Approved on	03 Nov 2017
Approved by	BV Rotterdam
Language	English

10. Annex for Safety and Fire Fighting Equipment

Fire protection and fire fighting

Fighter's outfits

FFE032A ASM Coef : 0.0
Date of recharge of the air cylinders :
Date : 31/05/2020

Fire extinguishers

FFE022A ASM Coef : 0.0
Date of recharge or date of inspection of the portable fire extinguishers :
Date : 31/05/2020

FFE023A ASM Coef : 0.0
Date of recharge or date of inspection of the non-portable fire extinguishers :
Date : 31/05/2020

Special arrangements in machinery spaces

FFE073A ASM Coef : 0.0 **See Remark**
Date when the CO2 cylinders were weighed or date when their level was checked :
☐ Weighed ☒ Checked
Date : 31/05/2020
Remark
FM-200

FFE075A ASM Coef : 0.0
Date when any foam compounds were either analysed or renewed :
☐ Analysed ☒ Renewed

LIST OF DOCUMENTS ATTACHED TO JOB NUMBER RTD0/2020/J5622

End of List



BV ROTTERDAM

Building "Willemswerf"
Boompjes 40
ROTTERDAM
3011 XB
NETHERLANDS

RIJKSWATERSTAAT RIJKSREDERIJ
NETHERLANDS

Survey	Start date of survey	End date of survey
RTD0/2020/J5622	Fri 1 May 2020	Thu 11 Jun 2020
Reg Num	Ship's name	Survey carried out at
37M892	FRANS NAEREBOUT	STELLENDAAM NETHERLANDS

Service	Amount
ILO 152 Cargo Gear Occasional Survey	698.70
Hull Occasional Survey	465.80
Machinery Occasional Survey	1,630.30
Sub-total occasional surveys	2,794.80
Overtime 100% : Saturday 06/06/2020	349.35
Travel time : concerning Occasional Surveys	479.50
Sub-total fees	3,623.65
Special expenses	165.49
Sub-total expenses	165.49
Total	3,789.14
Currency	EUR