

**Van Oord Dredging and
Marine Contractors bv**

Schaardijk 211
3063 NH Rotterdam

PO Box 8574
3009 AN Rotterdam
The Netherlands

T +31 88 8260000
F +31 88 8265010
E info@vanoord.com
I www.vanoord.com

To: Chief Safety Officer
Canada Newfoundland & Labrador
Offshore Petroleum Board
240 Waterford Bridge Road
The Tower Corporate Campus – West Campus Hall
Suite 7100
St. John's, NL
A1E 1E2

Reference: Annual Freefall Lifeboat Launching Drills
Date: 23 April 2024
Subject: Exemption from Annual Freefall Lifeboat Launching Drill

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Dear Mr. Paul Alexander,

With reference to the regulation (1) regulatory requirement (2) and regulation (3):

- (1) Canada Newfoundland & Labrador Offshore Petroleum Board – Occupational Health and Safety Regulations, Part 5 – Emergency Response and Preparedness,
- (2) *30 (2) despite section (1), the employer must ensure that (d) if the workplace is equipped with lifeboats, (ii) if feasible, a lifeboat launching drill is conducted annually to test the integrity and operation of the lifeboats and launching equipment,*
- (3) Section 30 (3) of the OSH Regulations states that every employer must ensure that *“if compliance with subparagraph (2)(d)(ii) is not feasible, the employer must ensure that additional inspections and testing of all components that would otherwise be tested by the launching drill are carried out in consultation with the lifeboat manufacturer and with the prior approval of the Chief Safety Officer.”*

Van Oord would like to apply for an exemption from the annual freefall lifeboat launching drill, with crew on board, as required in the Canada-Newfoundland and Labrador Offshore Area Occupational Health and Safety Regulations. This exemption application concerns the Flexible Fallpipe Vessel ‘Stornes’.

The launching of a freefall lifeboat with crew on board for the assurance of capability and readiness, involves unnecessary risks. The associated risks concern the crew on board, as well as potential damage to the vessel lifesaving equipment. The consequences of such risks pertain to accidents and injuries towards the vessel crew and may lead to the improper functioning of the lifeboats in the event of a real emergency. All assembly and accessories of the freefall lifeboat should not be tampered with, in order to maintain their functional integrity.

Furthermore, Van Oord has provided an attestation, including certificate(s) of serviceability, and statement(s) of fitness (see attachments¹ below) in which an annual and five year thorough examination has been conducted, of the ‘Stornes’ for the

¹ Attestation, No. RTD0/GTW/20210614114456.
Attestation, No. RTD0/MZB/20230425113420.
Attestation, No. RTD0/PGE/20200415144649.

Deutsche Bank AG
IBAN: NL20DEUT0265219272
BIC: DEUTNL2A

Chamber of Commerce
24193233
VAT: NL0011.940.82.B01

following lifesaving appliances, and all the related accessories, systems, and functions:

Ref. CM-COMM-3802600

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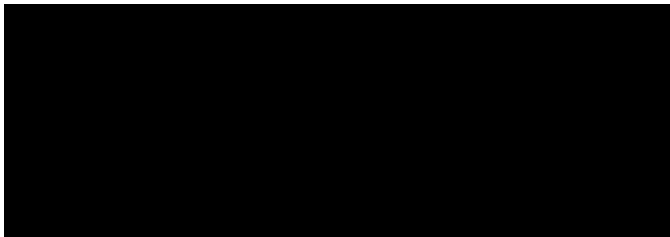
- Rescue boat(s)/ fast rescue boat(s)
- Freefall life boat(s)
- Davit(s)
- Winches
- Hooks
- Release and retrieval system(s)
- Functional testing of davit(s)
- Dynamic winch brake test

This examination includes the operational testing and overhaul of the lifeboats and rescue boats. The inspection has been performed in accordance with the original equipment manufacturer's procedures, the Requirements as laid down in SOLAS 1974 and its Protocol of 1988, Chapter III, Regulation 20 and the latest IMO Resolution MSC.402(96) as amended.

In addition, Van Oord would like to confirm that the freefall lifeboats are subject to the following testing and inspections:

- Weekly and monthly freefall lifeboat check(s), in which all lifeboats and launching appliances are inspected to ensure they are ready for use.
- 3-monthly test, in which the lifeboats are lowered into the water and manoeuvred in an abandon ship drill in accordance with MSC.1/Circ.1206/Rev.1, MSC.48(66) "Measures to Prevent Accidents with Lifeboats".
- 6-monthly simulated launch during an abandon ship drill in accordance with MSC.1/Circ.1206/Rev.1, MSC.48(66) "Measures to Prevent Accidents with Lifeboats".
- Yearly thorough maintenance of the lifeboat engine.

The aforementioned actions will apply to any Lifeboats that have not been launched within the past 12 months while operating within the CNLOPB jurisdiction.



ATTESTATION

No RTD0/GTW/20210614114456

SOLAS 1974

As Amended / *telle qu'amendée*

Regulation III/20.11 / Règle III/20.11

THOROUGH EXAMINATION, OPERATIONAL TESTING, OVERHAUL OF LIFEBOATS AND RESCUE BOATS, LAUNCHING APPLIANCES AND RELEASE GEAR
EXAMEN APPROFONDI, LA MISE À L'ESSAI EN COURS D'EXPLOITATION, LA RÉVISION DES EMBARCATIONS DE SAUVETAGE, DES CANOTS DE SECOURS, DES ENGINES DE MISE À L'EAU ET DES DISPOSITIFS DE LARGAGE

Five-year thorough examination, overhaul and overload operational tests / Examens approfondis, révisions et essais de surcharge quinquennaux

Name of Ship BV No: 15452X	Distinctive Number or Letters	Port of Registry	Gross Tonnage	IMO Number
STORNES	PCKX	ROTTERDAM	19950	9549035

Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date on which work for a conversion or an alteration or modification of a major character was commenced: 18 November 2008

LIFEBOATS AND RESCUE BOATS / EMBARCATIONS DE SAUVETAGE ET DES CANOTS DE SECOURS

This is to certify that / *Le soussigné certifie que :*

- the lifeboat(s) number* :
Embarcation(s) numéro*
- the Free-Fall lifeboat number* : PS / SB
Embarcation à mise à l'eau en chute libre
- the liferaft(s) number* : PS
Radeau(x) numéro*
- the rescue boat(s) number* :
Canot(s) de secours numéro*
- the fast rescue boat(s) number* : PS, overload test done on 27/09/2019, see report no. OSL0/2019/J5162.
Canot(s) de secours rapide numéro*

* Numbering according to the Record :



ATTESTATION PERIODIC SERVICING No : RTD0/GTW/20210614114456

NAME OF SHIP : STORNES

BV Number : 15452X

LIFEBOATS AND RESCUE BOATS(continued) / EMBARCATIONS DE SAUVETAGE ET DES CANOTS DE SECOURS(suite)

Have been subjected to a thorough examination.
ont fait l'objet d'un examen approfondi

LAUNCHING APPLIANCES / ENGINES DE MISE A L'EAU

The launching appliances serving the / les engins de mise à l'eau servant :

- the lifeboat(s) number* :
Embarcation(s) numéro*
- the Free-Fall lifeboat number* : PS and SB
Embarcation à mise à l'eau en chute libre
- the liferaft(s) number* : PS
Radeau(x) numéro*
- the rescue boat(s) number* :
Canot(s) de secours numéro*
- the fast rescue boat(s) number* : PS, overload test done on 27/09/2019, see report no. OSL0/2019/J5162.
Canot(s) de secours rapide numéro*

* Numbering according to the Record

Have been subjected to a thorough examination
ont fait l'objet d'un examen approfondi

Upon completion of the examination, have been subjected to a dynamic test of the winch brake carried out with a proof load equal to 1.1 times the weight of the survival craft or rescue boat and its full complement of persons and equipment in accordance with section 6.3 of the Requirements for maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear – MSC.402(96) as amended.

Ont été soumis à un essai dynamique pour vérifier le frein du treuil avec une charge 1,1 la masse totale embarcations de sauvetage, canots de secours et radeaux de sauvetage avec son plein chargement en personnes et en armement conformément à l'article 6.3 des Prescriptions relatives à l'entretien, l'examen approfondi, la mise à l'essai en cours d'exploitation, la révision et la réparation des embarcations de sauvetage, des canots de secours, des engins de mise à l'eau et des dispositifs de largage- MSC.402(96), dans sa version modifiée.

ATTESTATION PERIODIC SERVICING No : RTD0/GTW/20210614114456

NAME OF SHIP : STORNES

BV Number : 15452X

RELEASE SYSTEMS / DISPOSITIF DE LARGAGE

The survival craft/rescue boat release gear has been overhauled and has been operationally tested with a load equal to 1.1 times the weight of the survival craft or rescue boat and its full complement of persons and equipment, in accordance with section 6.3 of the Requirements for maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear – MSC.402(96) as amended.

Le dispositif de largage de embarcations de sauvetage, canots de secours a fait l'objet d'entretien et d'un essai d'exploitation avec une charge représentant 1,1 la masse totale des embarcations de sauvetage/canots de secours à son plein chargement en personne et en armement conformément à l'article 6.3 des Prescriptions relatives à l'entretien, l'examen approfondi, la mise à l'essai en cours d'exploitation, la révision et la réparation des embarcations de sauvetage, des canots de secours, des engins de mise à l'eau et des dispositifs de largage- MSC.402(96), dans sa version modifiée.

The davit-launched liferafts automatic release hooks has been overhauled and has been operationally tested with a load equal to 1.1 times the weight of the liferafts and its full complement of persons and equipment in accordance with section 6.3 of the Requirements for maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear – MSC.402(96) as amended.

Les crocs de dégagement automatique des radeaux de sauvetage sous bossoirs ont fait l'objet d'entretien et d'un essai d'exploitation avec une charge représentant 1,1 la masse totale du radeau de sauvetage à son plein chargement en personne et en armement conformément à l'article 6.3 des Prescriptions relatives à l'entretien, l'examen approfondi, la mise à l'essai en cours d'exploitation, la révision et la réparation des embarcations de sauvetage, des canots de secours, des engins de mise à l'eau et des dispositifs de largage- MSC.402(96), dans sa version modifiée.

This attestation has been issued in pursuance of the report **RTD0/2021/J5656**

Cette attestation est délivrée en liaison avec le rapport

This attestation shall not be considered later than **** 11 May 2026**

Cette attestation ne doit pas être prise en compte après le 11 mai 2026

Completion date of the survey on which this attestation is based : 14 June 2021

Date d'achèvement de la visite sur la base de laquelle cette attestation est délivrée

Issued at / Fait à Rotterdam, the Netherlands, on the / le 16 June 2021

**BUREAU VERITAS
MARINE & OFFSHORE**
G. Twaalfhoven / N. Labrijn



This document is electronically signed and does not require a manual signature as defined in IMO guideline FAL.5-Circ.39.

[Click here for the verification website](#)



By Order of the Secretary

** No more than five years after the test have been completed

** Pas plus de cinq ans après que les essais ont été accomplis

**CERTIFICATE OF SERVICEABILITY**

Vessel / rig name: **Stornes**
 IMO / Palfinger rig ref. no.: **9549035**

Certificate no.: **624030043**

This is to confirm that the LSA equipment, as specified in below table, have been subjected to a periodic inspection and serviced by a person appropriately trained and certified in accordance with MSC.1/Circ.1277 (and as of January 1st 2020, in accordance with MSC.402(96) as amended), and that the equipment is fit for purpose at the time of completion of the inspection. Mandatory periodic servicing and overhaul of launching appliances and on-load release gear in compliance with SOLAS Chapter III regulation 20, including latest amendments and as required by MSC.1/Circ.1206Rev1 (and as of January 1st 2020, in accordance with MSC.402(96) as amended). The ship-owner is responsible for servicing and maintenance on board its ships in accordance with SOLAS regulation III/20 and for the establishment and implementation of health, safety and environment (HSE) procedures covering all activities during servicing and maintenance. Weekly and monthly inspections, and routine maintenance as defined by the manufacturer, should be conducted under the direct supervision of a senior ship's officer in accordance with the instructions provided by the manufacturer.

Station no.	DAVITS OEM, model & serial no.	WINCHES OEM, model & serial no.	LIFEBOATS OEM, model & serial no.	HOOKS OEM, model & serial no.
FF1	Ned Deck Marine	Ned Deck Marine	Noreq	Noreq
	FFH60	BWF030/3/00	LBF 580C	JX-4
Aft	083823-1	083823-1	105836	105836
FF2	Ned Deck Marine	Ned Deck Marine	Noreq	Noreq
	FFH60	BWF030/3/00	LBF 580C	JX-4
Aft	083823-31	083823-31	105837	16018
FRB	Palfinger	Palfinger	Palfinger Marine	Palfinger Marine
	NPDS 3500H	NW3500H	FRSQ 630G	CAR F35
Ps	510008448	510008448	BI6190026-10	0721
LR	Ned Deck Marine	Ned Deck Marine		Palfinger Marine
	SCM21/10-4.5LR	04-03E QR		CAR 35
Ps	083823-10	083823-10		8520

Type inspection	Palfinger Marine job no.	Date of inspection	Next inspection
Annual Inspection	BD4010836	20 March 2024	According to SOLAS, Chapter 1, Reg. 7, 8 and 14.
Five Yearly Inspection	BD4010836	20 March 2024	
Port of inspection	Schiedam, The Netherlands		

Palfinger Marine Europe BV
 Havenstraat 18
 3115HD, Schiedam
 The Netherlands

Office tel. no.: +31 88 264 0000
 Email: service.europe@palfinger.com
 Website: www.palfingermarine.com

SERVICE REPORT

Palfinger job.no.	BD4010836		
Customer	[Redacted] Management	Vessel/Rig name	Stornes
Contact person	[Redacted]	IMO no. / Rig ref no.	9549035
Contact tel.	[Redacted]	Location	Damen Schiedam, haven 550 ,
Customer P.O.	[Redacted]	Estimated start date	February 22, 2024

The work is done in accordance with the Palfinger Marine Safety procedures, the Requirements as laid down in SOLAS 1974 and its Protocol of 1988, Chapter III, Regulation 20 and the latest IMO Resolution MSC.402(96) as amended.

Work scope	Annual inspection	5-Yearly inspection	Pre-inspection	Re-hooking	Refurbishment	Commissioning	Other service/repair
	[x]	[x]	[]	[]	[]	[]	[]

Detailed workscope

Annual inspection of two FFLB stations and two Life Raft davits.
Load test of both FFLB davits, after installation overhauled cylinders.
Install new grab rail onto PS FFLB AFT-side.
Inspect STB FFLB hook release system.

Palfinger Marine Certified Engineers:

Aad Janse (ID:1281) - Rob van Rossen (ID:1241) -
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Sub-contractor engineers (if any):

Not applicable

Travel hours:

Day	Tuesday	Wednesday	Wednesday	Monday	Tuesday	Wednesday	Total qty travel hrs (excl. Waiting hrs) for all engineers
Date (dd/mm/yyyy)	27-Feb-24	28-Feb-24	28-Feb-24	11-Mar-24	19-Mar-24	20-Mar-24	
Start (hh:mm)	7:45	7:30	7:30	8:45	9:00	10:15	
Finish	8:00	7:45	7:45	9:00	9:15	10:30	
Start	15:45	11:00		11:45	13:30	12:00	
Finish	16:00	11:15		12:00	13:45	12:15	
Qty engineers	2	1	1	2	2	2	
Total hours (hh:mm)	01:00	00:30	00:15	01:00	01:00	01:00	

Vehicle

Car mileage (km)	3	3	3	3	3	3	Total mileage / km	18
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Working hours (total hours calculated is excl. Waiting and Additional hours):

Start (hh:mm)	8:00	7:45	7:45	9:00	9:15	10:30	Total qty Working hrs (excl. the Waiting and Additional hrs) for all engineers	
Finish	15:45	11:00	14:00	11:45	13:30	12:00		
Start								
Finish								
Qty engineers	2	1	1	2	2	2		
Total hours (hh:mm)	15:30	03:15	06:15	05:30	08:30	03:00		42:00

Waiting hours during travelling (for details, see separate page Waiting and Additional hours):

Total (hh:mm)							Total qty Waiting hrs for all engineers	
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Waiting hours during working (for details, see separate page Waiting and Additional hours):

Total (hh:mm)							
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Additional hours for work outside initial work scope (for details, see separate page Waiting and Additional hours):

Total (hh:mm)							Total qty Additional hrs for all engineers	
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Palfinger Marine Europe BV Havenstraat 18 3115 HD, Schiedam The Netherlands Office tel. no.: +31 88 264 0000 Email: service.europe@palfinger.com	Customer: Name: Signature & stamp:	Date:
	Customer Satisfaction Form filled in and returned?	Yes / No
	Customer noticed the contents of complete service report?	Yes / No
	Date: 08-04-2024	



SERVICE REPORT

Palfinger job.no.	BD4010836		
Customer	Van Oord Shipmanagement	Vessel/Rig name	Stornes
		IMO no.	9549035
		Location	Damen Schiedam, haven 550 ,
Customer P.O.	0619-PO-315283	Estimated start date	February 22, 2024

Waiting and Additional working hours (outside job scope):

Date (dd/mm/yyyy)	Time (hh:mm)		Qty Eng.	Waiting or Additional hours? W or A	Description	Total qty hours for	
	From	To				Waiting	Additional working
					n.a.		
Total Hours waiting / additional works:							

Palfinger Marine Europe BV Havenstraat 18 3115 HD, Schiedam The Netherlands Office tel. no.: +31 88 264 0000 Email: service.europe@palfinger.com	Customer: Name: Signature & stamp:	Date:
	Date: April 8, 2024	Date: 08-04-2024

SERVICE REPORT

Palfinger job.no.	BD4010836	Vessel/Rig name	Stornes
Customer	Van Oord Shipmanagement	IMO no.	9549035
Customer P.O.	0619-PO-315283	Location	Damen Schiedam, haven 550 ,
		Estimated start date	February 22, 2024

Life Saving Appliances details:

Station	Davit OEM & model & serial no.				Winch OEM & model & serial no.				Lifeboat OEM & model & serial no.				Hook OEM & model & serial no.			
FF-1	Ned_Deck_Marine				Ned_Deck_Marine				Noreq				Noreq			
	FFH60				BWF030/3/00				LBF 580C				JX-4 (Palfinger)			
Stern	083823-1				083823-1				105836				105836			
ROLE	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST
Serv. Eng ID	1281				1281				1281				1281			
FF-2	Ned_Deck_Marine				Ned_Deck_Marine				Noreq				Noreq			
	FFH60				BWF030/3/00				LBF 580C				JX-4 (Palfinger)			
Stern	083823-31				083823-31				105837				16018			
ROLE	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST
Serv. Eng ID	1281				1281				1281				1281			
FRB	Ned_Deck_Marine Palfinger				Ned_Deck_Marine Palfinger				Palfinger_Marine				Palfinger_Marine			
	NPDS 3500H				NW3500H				FRSQ 630G				CAR F 35			
PS	083823-6 510008448				083823-6 510008448				6017802X BI6190026-10				2890 0721			
ROLE	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST
Serv. Eng ID	1281				1281				1281				1281			
LR	Ned_Deck_Marine				Ned_Deck_Marine								Palfinger_Marine			
	SCM21/10-4.5LR				04-03E QR								CAR 35			
PS	083823-10				083823-10								8520			
ROLE	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST
Serv. Eng ID	1281				1281				1281				1281			
5																
ROLE	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST	LEAD	ASSIST	ASSIST	ASSIST
Serv. Eng ID																

The above equipment was inspected according to attached checklists and was found to be in the condition described with the comments in this report.

Work Instruction(s) (Palfinger Marine internal docs) to be used:

F-15004 Annual and 5 Yearly inspection of 04 & 15 Winches
F-10079 Inventory according to SOLAS
F-10132 Annual & 5-yearly inspection and commissioning of slewing davits
F-10080 Annual & 5-yearly inspection and commissioning of lifeboats
F-10107 Annual & 5-yearly inspection and commissioning of FF davit skid
F-10105 Annual & 5-yearly inspection and commissioning of Rescue boats
F-15115 Annual inspection checklist CAR 35 hook

Palfinger Marine Europe BV
Havenstraat 18
3115 HD, Schiedam
The Netherlands
Office tel. no.: +31 88 264 0000
Email: service.europe@palfinger.com

Date: April 8, 2024

Date: 08-04-2024



SERVICE REPORT

Palfinger job.no.	BD4010836		
Customer	Van Oord Shipmanagement	Vessel/Rig name	Stornes
		IMO no.	9549035
		Location	Damen Schiedam, haven 550 ,
Customer P.O.	0619-PO-315283	Estimated start date	22 February 2024

Equipment measurements:

Tolerances, according to OEM	Station no.FF-1	Station no.FF-2	Station no.RB	Station no.LR	Station no.5	Station no.6	Station no.7
Hook air gap:	/	/	/	/	/	/	/
Hook tail radius:	/	/	/	/	/	/	/
Hook exc. freeplay:							
Other (if applicable):							

Follow up required?

Follow up Service required (Yes/No)?	No
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If Follow up Service required; details as indicated below:

Follow up Parts required (Yes/No)?	No
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If Follow up Parts required; details as indicated below:

Note: The Customer / Representative for the vessel or platform must take action on any quotation or recommendation for spare parts. Palfinger Marine will recommend and quote for the spare parts but will not take responsibility for ordering these spare parts.

Palfinger Marine Europe BV Havenstraat 18 3115 HD, Schiedam The Netherlands Office tel. no.: +31 88 264 0000 Email: service.europe@palfinger.com	Date: 08-04-2024
Date: April 8, 2024	



SERVICE REPORT

Palfinger job.no.	BD4010836	Vessel/Rig name	Stornes
Customer	Van Oord Shipmanagement	IMO no.	9549035
		Location	Damen Schiedam, haven 550 ,
Customer P.O.	0619-PO-315283	Estimated start date	February 22, 2024

Station	Findings & Comments	Action by who?
	Carried out annual inspection on FF lifeboat stations, Raft station and Frc Station according manufacturer approved checklists and guidelines as indicated on page 3.	
27-Feb	Inspection on Raft and installed yearly kit. Inspected the FF lifeboats.	
28-Feb	Inspected FF Lifeboats and Frc boat and installed grab pipe on FF boat. Transport Cylinders to workshop.	
11-Mar	Inspected Frc davit and installed hooks on Frc boat and raft station.	
19-Mar	Carried out cosmetic Grp repairs on FF boats on Ps Aft.	
20-Mar	Finished repairs FF boats (GRP)	
4-Apr	Prepared FF lifeboat ,raft and Frc station for installing new wires. Installed new wire on Raft station and Ps FF station.	
5-Apr	Installed new wire on Stb FF station and Frc station.	
	As agreed with customer , crew will install next items:	
*	New cylinders will be installed by yard (FF davit)	
*	Recovery slings FF boats	
*	Suspention chain with hook FF Stations	
*	Steel wire rope FF	
*	Drop simulation wires FF stations	
	Functional tests performed by crew. Succesfull	
	All stations in working condition at time of inspection.	

<p>Palfinger Marine Europe BV Havenstraat 18 3115 HD, Schiedam The Netherlands Office tel. no.: +31 88 264 0000 Email: service.europe@palfinger.com</p>	<p>Date: April 8, 2024</p>	<p>Date: 08-04-2024</p>
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Palfinger job.no.	BD4010836		
Customer	Van Oord Shipmanagement		
Customer P.O.	0619-PO-315283		
Vessel/Rig name	Stornes	IMO/Rig no.	9549035
Location	Damen Schiedam, haven 550 ,		
Estimated start date	February 22, 2024		

Remarks:

- In case 1Y inspection is required it automatically means that it is required for 5Y inspections as well.
- For maximum allowed (%) material loss of steel parts, see SIM [E-11277](#)

1Y = Annual inspection
5Y = 5-Yearly inspection

P = Picture to be taken during inspection (1Y + 5Y)
R?Y = Recommended renewal of part according to manual

R1Y = Recommended annual renewal of part
R5Y = Recommended 5-Yearly renewal of part
M1Y = Mandatory annual renewal of part
M5Y = mandatory 5-Yearly renewal of part

Yellow highlighted cells to be filled in

Checklist for the thorough examination, overhaul and operational tests of LSA (RB/FRB + Davit and/or Liferaft Davit) equipment in accordance with section 6 of IMO Resolution MSC.402(96), as amended.
This Resolution is repealing IMO Circulars MSC.1/Circ.1206Rev.1 and MSC.1/Circ.1277 as of 1st January 2020.

Ref no. PM / MSC402(96)	Description	Applicable for inspection?	To be checked	Action required	Condition of equipment										Comments (if any)		
					Station no.												
					Frc	Raft											
1	GENERAL	Yes															
1.1 / 6.1.2	OEM Certificate of RB / FRB, davit & winch available on board?		1Y	-	OK	OK											
1.2 / 6.2.2	Weekly and monthly maintenance performed on board?		1Y	-	OK	OK											
1.3 / 6.2.2	Last annual / 5-Yearly inspection report on board (take copy and check remarks)?		1Y	-	OK	OK											
1.4	Certificate of fall wires (every 5 years to be renewed, check expiry date!)		1Y	MSY	OK	OK											renewed
1.5 / 6.2.3.9	Certificate of air and/or N2/CO2 bottles (check expiry date!), self-righting system		1Y	-	OK	NA											
1.6	Certificate of release hook (every 5 years to be recertified/renewed, check expiry date!)		1Y	MSY	OK	NA											
1.7	Certificate of lifting/hoisting sling (every 5 years to be renewed, check expiry date!)		1Y	MSY	OK	OK											
1.8	Check/verify actual model & serial no's of equipment with information already received		1Y	-	OK	OK											
1.9	If serviced in stowed position: secure davit arms using harbor pins (or similar means) before entering RB / FRB		1Y	P	OK	NA											
1.10	General inspection of installation to ensure that the inspection can be performed in a safe manner		1Y	-	OK	OK											
1.11	Access to RB / FRB and davit clear from obstructions and any loose equipment?		1Y	-	OK	OK											
	Only in case RB/FRB is fitted with a regular on/off-load release gear system!	No															
1.12	Certificate of "hanging-off" equipment (check expiry date!)		1Y	-	OK	NA											
1.13	General inspection of installation (check position hook indicators) to ensure that the inspection can be performed in a safe manner		1Y	-	OK	NA											
1.14 / 6.2.4.5	Check condition of hook keel foundation (incl. bolts/nuts foundation-GRP)		1Y	P	OK	NA											
1.15 / 6.2.4.5	Check condition of hook connecting bolt/nut to hook keel foundation		1Y	P	OK	NA											
1.16	Check condition pendent lug on hooks and hanging off pad eye/plate davit heads before connecting hanging off equipment		1Y	P	OK	NA											



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Location	Damen Schiedam, haven 550 ,		
Estimated start date	February 22, 2024		

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					Station no.											
					Frc	Raft										
2	RESCUE BOAT / FAST RESCUE BOAT	Yes														
2.1 / 6.2.3.1	Condition of structure including fixed equipment (take overview picture RB / FRB indicating station no.)			P												
2.1.1 / 6.2.4 Note 2	Secure RB/FRB using hanging-off arrangement, if applicable (there should be no load on hook(s) during inspection!)		1Y	-	OK	NA										
2.1.2	Check hull for signs of damage and general deterioration		1Y	-	OK	NA										
2.1.3	Check condition of reflective tape, call sign and lettering		1Y	-	OK	NA										
2.1.4	Check condition of life lines, rings & clamps		1Y	-	OK	NA										
2.1.5	Check condition/operation of hinges, handles & seals of doors and hatches		1Y	-	OK	NA										
2.1.6	Check condition/operation of drain plug and sea water inlets, clean and lubricate if necessary		1Y	-	OK	NA										
2.1.7	Check condition/operation of painter system (hook, line, release cable) and towing hook		1Y	-	OK	NA										
2.1.8 / 6.2.3.8	Check condition of fender/skate arrangement including watertight securement of fender to GRP structure		1Y	-	OK	NA										
2.1.9	Check condition, incl. watertight securement of foam plugs of double hull bouyancy structure		1Y	-	OK	NA										
2.1.10	Check condition of lifting/hoisting sling		1Y	M5Y	OK	NA										
2.1.11	Check condition of steel and wood work (external & internal)		1Y	-	OK	NA										
2.1.12	Check condition of anti-slip surfaces		1Y	-	OK	NA										
2.1.13 / 6.2.3.9	Visual inspection of self-righting bag, protective canvass cover and securing rope		1Y	-	OK	NA										
2.1.14 / 6.2.3.9	Check condition of N2/CO2 bottle of self-righting bag		1Y	-	NA	NA										
2.1.15 / 6.2.3.9	Check condition of trigger & cord of N2/CO2 bottle of self-righting bag		1Y	-	NA	NA										
2.1.16 / 6.2.3.9	Check condition of hose connections from N2/CO2 bottle to self-righting bag		1Y	-	NA	NA										
2.1.17 / 6.2.3.9	Inflate self-righting bag by activating N2/CO2 bottle (15 min), check for leakage and fold bag together again		5Y	-	NA	NA										



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					Station no.												
					Frc	Raft											
2.2 / 6.2.3.2	Inboard engine and propulsion system	Yes															
2.2.1	Check level and condition of engine oil & gearbox oil (top up if necessary). Also check oil level and contamination after running (see 2.2.10)		1Y	-	OK	NA											
2.2.2	Check engine air & fuel filter		1Y	-	OK	NA											
2.2.3	Check level and condition of fuel (have crew top up if necessary)		1Y	-	OK	NA											
2.2.4	Check condition of fuel tank, fuel lines, drain valve and filler cap		1Y	-	OK	NA											
2.2.5	Check condition of exhaust system (insulation and no leakages)		1Y	-	OK	NA											
2.2.6	Check closed heat exchange system (cooling fluid, external engine cooling pipes)		1Y	-	OK	NA											
2.2.7	Check engine foundation & connection gearbox-propeller/waterjet shaft, nuts/bolts to be tighten if necessary		1Y	-	OK	NA											
2.2.8	Check engine foundation surrounding area (GRP)		1Y	-	OK	NA											
2.2.9	Check function stop solenoid/cable before starting engine		1Y	-	OK	NA											
2.2.10	Check/operate electric starter system, start-run-stop engine not more than 5 min. in stowed position (gearbox in neutral)		1Y	-	OK	NA											
2.2.11	Start engine by using independent start sources (battery 1 - battery 2 - both)		1Y	-	OK	NA											
2.2.12	Check/operate engine control system (control handle, cables and free-forward-reverse operation)		1Y	-	OK	NA											
2.2.13	Check alignment of propeller shaft while operating engine control system (run for max 10 secl)		1Y	-	OK	NA											
2.2.14	Check stern tube, stuffing box for leakages (boat waterborne). Tighten stuffing box or replace packing		1Y	-	OK	NA											
2.2.15	Check condition/operation of dead man switch		1Y	-	OK	NA											
2.2.16	Check condition of engine casing		1Y	-	OK	NA											
2.3 / 6.2.3.2	Outboard engine	No															
2.3.1	Last service records (check)		1Y	-	NA	NA											
2.3.2	Check level of lube oil injection system (top up if necessary)		1Y	-	NA	NA											
2.3.3	Check level and condition of fuel (have crew top up if necessary)		1Y	-	NA	NA											
2.3.4	Check if cooling water intake in the tail of the outboard engine is free from obstructions		1Y	-	NA	NA											
2.3.5	Check condition of sacrificial anodes		1Y	-	NA	NA											
2.3.6	Check/operate engine control system (control handle, cables and free-forward-reverse operation)		1Y	-	NA	NA											
2.3.7	Check condition/operation of dead man switch		1Y	-	NA	NA											
2.3.8	Start engine when outboard engine tail is submerged in water or a flushing bracket (muffler) with water supply is installed		1Y	-	NA	NA											
2.3.9	Check if open heat exchange system (seawater cooling pump) is working, beam of water coming out of exhaust		1Y	-	NA	NA											



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					Frc	Raft	Station no.										
2.4 / 6.2.3.2 & 5	Waterjet system	Yes															
2.4.1	Check lubrication of front & rear bearing		1Y	-	OK	NA											
2.4.2	Check lubrication of control system		1Y	-	OK	NA											
2.4.3	Check condition of impellor (adjust if necessary, refer to OEM specifications)		1Y	-	OK	NA											
2.4.4	Check condition of seal of inspection hatch and of steering shaft bushings		1Y	-	OK	NA											
2.4.5	Check condition of external anodes		1Y	-	OK	NA											
2.4.6	Check condition of hydraulic system (oil level, V-belt, hoses)		1Y	-	OK	NA											
2.4.7	Check if seawater intake and inlet surface is free from obstructions		1Y	-	OK	NA											
2.4.8	Functional check: start, run (rpm), temp, oil pressure, speed, manoeuvring, exhaust, noise & stop		1Y	-	OK	NA											
2.5 / 6.2.3.5	Manoeuvring system	Yes															
2.5.1	Check condition/operation of steering gear/nozzle control system		1Y	-	OK	NA											
2.5.2	Check condition/operation of steering nozzle and bucket		1Y	-	OK	NA											
2.5.3	Check/operate steering gear control cable (mechanical)		1Y	-	OK	NA											
2.5.4	Check/operate hydraulic steering equipment (hoses, valves, cylinders and reservoir), top up if necessary		1Y	-	NA	NA											
2.6 / 6.2.3.6	Power supply / electrical system	Yes															
2.6.1	Check condition of batteries, battery connections and main switches		1Y	-	OK	NA											
2.6.2	Check condition of battery charger and shore connection		1Y	-	OK	NA											
2.6.3	Check condition of electric wiring		1Y	-	OK	NA											
2.6.4	Check/operate navigation lights		1Y	-	OK	NA											
2.6.5	Check/operate control console & instrumentation		1Y	-	OK	NA											
2.6.6	Check condition/operation of VHF installation		1Y	-	OK	NA											
2.6.7	Check condition/operation of searchlight		1Y	-	OK	NA											
2.7 / 6.2.3.7	Bailing system	Yes															
2.7.1	Check/operate bilge pump and hoses		1Y	-	OK	NA											

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					Station no.												
					Frc	Raft											
2.8 / 6.2.3.1	Inventory (expiry dates!)	Yes															
2.8.1	Rowing oars	2	1Y	-	OK	NA											
2.8.2	Boat hook	1	1Y	-	OK	NA											
2.8.3	Safety boat hook	NA (RBI: 1)	1Y	-	NA	NA											
2.8.4	Bucket with lanyard	1	1Y	-	OK	NA											
2.8.5	Sponge	NA (RBI: 2)	1Y	-	NA	NA											
2.8.6	Buoyant bailer	1	1Y	-	OK	NA											
2.8.7	Survival manual	NA	1Y	-	NA	NA											
2.8.8	Permanently fitted compass with illumination	1	1Y	-	OK	NA											
2.8.9	Sea-anchor and line	1	1Y	-	OK	NA											
2.8.10	Painter line	1	1Y	-	OK	NA											
2.8.11	Towing line ≥ 50m	1	1Y	-	OK	NA											
2.8.12	Hatchet (for RB hatchet or knife)	1	1Y	-	OK	NA											
2.8.13	Drinking water	NA	1Y	-	NA	NA											
2.8.14	Rustproof dipper with lanyard	NA	1Y	-	NA	NA											
2.8.15	Rustproof drinking vessel	NA	1Y	-	NA	NA											
2.8.16	Food ration	NA	1Y	-	NA	NA											
2.8.17	Rocket parachute flares	NA	1Y	-	NA	NA											
2.8.18	Hand flares	NA	1Y	-	NA	NA											
2.8.19	Buoyant smoke signals	NA	1Y	-	NA	NA											
2.8.20	Waterproof electric torches, spare set of batteries, spare bulb	1	1Y	-	OK	NA											
2.8.21	Daylight signaling mirror with instructions	NA	1Y	-	NA	NA											
2.8.22	Copy of life saving signals	NA	1Y	-	NA	NA											
2.8.23	Whistle or equivalent sound signal	1	1Y	-	OK	NA											
2.8.24	First aid kit in waterproof case	1	1Y	P	OK	NA											
2.8.25	Anti-seasickness medicine	NA	1Y	-	NA	NA											
2.8.26	Seasickness bag	NA	1Y	-	NA	NA											
2.8.27	Jack-knife with lanyard	NA	1Y	-	NA	NA											
2.8.28	Buoyant safety knife	NA (RBI: 1)	1Y	-	NA	NA											
2.8.29	Tin opener	NA	1Y	-	NA	NA											
2.8.30	Rescue ring with 30m. buoyant line	2	1Y	-	OK	NA											
2.8.31	Manual bilge pump (if lb not automatically self-bailing)	NA	1Y	-	NA	NA											
2.8.32	Fishing tackle	NA	1Y	-	NA	NA											
2.8.33	Tools for minor engine repair	NA	1Y	-	NA	NA											
2.8.34	Portable fire extinguisher	1	1Y	P	OK	NA											
2.8.35	Searchlight	1	1Y	-	OK	NA											
2.8.36	Radar reflector	1	1Y	-	OK	NA											
2.8.37	Thermal protective aids (10% of crew or 2 as min.)	≥ 2	1Y	-	OK	NA											
2.8.38	Manual operated air pump	NA (RBI: 1)	1Y	-	NA	NA											
2.8.39	Tube repair kit	NA (RBI: 1)	1Y	-	NA	NA											



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					Station no.												
					Frc	Raft											
3 / 6.2.4	(FAST)RESCUE BOAT RELEASE AND RETRIEVAL SYSTEM (LRRS)																
3.1	General																
3.1.1 / 6.2.4 Note 1	Setting & maintenance of release gear are critical operations with regard to safe operation of lifeboat, utmost care to be taken when performing inspection & maintenance on equipment.																
3.1.2 / 6.2.4 Note 2	No maintenance or adjustment of release gear shall be undertaken while the hook is under load																
3.2 / 6.2.4	Conventional on/off-load hook system (if fitted in RB/FRB)																
3.2.1 / 6.2.4.1	Release handle unit	No		P													
3.2.1.1	Check general condition and normal operation		1Y	-	NA	NA											
3.2.1.2 / 6.2.4.2	Check for excessive play/movement		1Y	-	NA	NA											
3.2.1.3	Check condition/operation of safety devices (safety pin, handle, safety glass, etc.)		1Y	-	NA	NA											
3.2.2 / 6.2.4.3	Hydrostat unit	No		P													
3.2.2.1	Check operation of hydrostat diaphragm/floater		1Y	-	NA	NA											
3.2.2.2	Renewal of hydrostat diaphragm		1Y	R1Y + P	NA	NA											
3.2.2.3	Check for correct operation of hydrostatic interlock system (if fitted)		1Y	-	NA	NA											
3.2.2.4 / 6.2.4.4	Check condition/operation of hydrostat control cable (free movement, corrosion)		1Y	R5Y + P	NA	NA											
3.2.2.5	Check condition/connection of adaptor/piston plate		1Y	-	NA	NA											
3.2.2.6	Check condition of breather pipe, tighten connections if necessary		1Y	-	NA	NA											
3.2.3 / 6.2.4	Forward & aft hook assembly	No		P													
3.2.3.1	Dismantle complete hook assembly (camshaft, hook shaft etc.)		5Y	-	NA	NA											
3.2.3.2	Check condition of solid hook (hook tail, hook tail roller, grease pin), clean and lubricate		1Y	-	NA	NA											
3.2.3.3	Check condition of solid hook shaft (bushings and grease pin), clean and lubricate		1Y	-	NA	NA											
3.2.3.4	Check condition/operation of cam(locking) shaft (bushings and grease pin), clean and lubricate		1Y	-	NA	NA											
3.2.3.5	Check condition/operation of cam(locking) shaft (torsion spring)		1Y	R5Y	NA	NA											
3.2.3.6	Check condition/operation of locking pawl for cam(locking) shaft, clean and lubricate		1Y	-	NA	NA											
3.2.3.7 / 6.3.3.3	Adjust release gear system after re-assembly		1Y	-	NA	NA											
3.2.3.8 / 6.2.4.2	Check/read/measure airgap (result to be indicated in service report, page 4!)		1Y	-	NA	NA											
3.2.3.9 / 6.2.4.2	Check/read/measure hook tail radius (result to be indicated in service report, page 4!)		1Y	-	NA	NA											
3.2.3.10 / 6.2.4.2	Check for excessive freeplay, if applicable (result to be indicated in service report, page 4!)		1Y	-	NA	NA											
3.2.3.10 / 6.2.4.2	Check condition/operation of mousing plate (lock for link)		1Y	P	NA	NA											
3.2.3.11	Check condition/operation of mousing plate (lock for link)		1Y	-	NA	NA											
3.2.3.12	Check condition of clevis fittings, check securement of split pin/bolt & nut (tighten if necessary)		1Y	-	NA	NA											
3.2.3.13 / 6.2.4.4	Check condition/operation of release cables (free movement, corrosion)		1Y	R5Y + P	NA	NA											



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					Station no.												
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3.2.4 / 6.2.4	Release system, general	No															
3.2.4.1	Check if Operation/Maintenance manual is available in lifeboat		1Y	-	NA	NA											
3.2.4.2	Check condition/presence of Instruction & Warning label release gear system in lifeboat		1Y	P	NA	NA											
3.2.5 / 6.2.5	Operational test of On-load release function	No															
3.2.5.1 / 6.2.5.1	Position the RB/FRB (empty condition) partially into the water such that the mass of the RB/FRB is substantially supported by the wire falls and the hydrostatic interlock system (if fitted) is not triggered. Operate the on/off-load release gear (check simultaneously opening!)		1Y	P	NA	NA											
3.2.5.2 / 6.3.3.4	Position the RB/FRB (110% overload condition) partially into the water such that the mass of the RB/FRB is substantially supported by the wire falls and the hydrostatic interlock system (if fitted) is not triggered. Operate the on/off-load release gear (check simultaneously opening!)		5Y	P	NA	NA											
3.2.5.3	Re-set the on/off-load release gear		1Y	-	NA	NA											
3.2.5.4	Examine the release gear and hook fastening to ensure that the hook is completely re-set and no damage has occurred.		1Y	-	NA	NA											
3.2.6 / 6.2.6	Operational test of Off-load release function	No															
3.2.6.1	Position the RB/FRB fully waterborne		1Y	-	NA	NA											
3.2.6.2	Check proper operation hydrostat unit		1Y	-	NA	NA											
3.2.6.3	Operate the on/off-load release gear (check simultaneously opening)		1Y	-	NA	NA											
3.2.6.4	Re-set the on/off-load release gear		1Y	-	NA	NA											
3.2.6.5	Examine the release gear and hook fastening to ensure that the hook is completely re-set and no damage has occurred.		1Y	-	NA	NA											
3.2.6.6	Recover the RB/FRB to stowed position and prepare for operational readiness (lashings applied and ensure that hanging-off equipment is no longer installed)		1Y	P	NA	NA											
Remark:	Prior to hoisting, check that the release gear system is completely and properly re-set (safety devices in proper position). The final turning-in of the boat should be done without any persons on board.		1Y														
3.3 / 6.2.4	RB/FRB hooks	Yes		P													
3.3.1	Check condition of hook lifting frame and fixing points (if applicable)		1Y	-	OK	NA											
3.3.2	Check condition/operation of release hook		1Y	-	OK	NA											
3.4	Raft hooks	Yes															
3.4.1	Check condition/operation of release hook		1Y	-	NA	OK											
3.4.2 / 6.2.8.1	Manually release the hook with a load of 150kg on the hook		1Y	-	NA	OK											
3.4.3 / 6.2.8.2	Automatically release the hook with a load of 200kg on the hook when lowered to the ground/deck		1Y	-	NA	OK											
3.4.4 / 6.2.8.3	Examine hook and hook fastening to ensure hook is completely reset and no damage occurred		1Y	-	NA	OK											
Remark:	The hooks are to be examined prior to its operational test and again after its operational and dynamic winch brake test. Special consideration should be given to ensure that no damage has occurred during the winch brake test, especially the hook fastening. In case a raft is used instead of a dummy weight the automatic release function shall release the raft when waterborne.		1Y														



Palfinger job.no.	BD4010836		
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Customer P.O.	0619-PO-315283		
Vessel/Rig name	Stornes	IMO/Rig no.	9549035
Location	Damen Schiedam, haven 550 ,		
Estimated start date	February 22, 2024		

Remarks:

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This Resolution is repealing IMO Circulars MSC.1/Circ.1206Rev.1 and MSC.1/Circ.1277 as of 1st January 2020.

Ref no. PM / MSC402(96)	Description	Applicable for inspection?	To be checked	Action required	Condition of equipment										Comments (if any)	
					Station no.											
					Frc	Raft										
4	DAVIT															
4.1 / 6.2.9	Davit general	Yes														
4.1.1	Check davit structure, with regard to corrosion, misalignments, deformations and excessive free play		1Y	P	OK	OK										
4.1.2	Check condition/operation of davit foot / cylinder hinges and bearings		1Y	-	OK	OK										
4.1.3	Check condition/operation of inspection doors & covers, seals		1Y	-	OK	OK										
4.1.4	Check condition of davit arm head, davit arm horn, top sheaves+shafts (corrosion behind sheaves?)		1Y	P	OK	OK										
4.1.5 / 6.2.9.2 & 3	Check condition/operation of fall wire sheaves, sheave bearings/other moving parts, lubricate if necessary		1Y	-	OK	OK										
4.1.6 / 6.2.9.4.1	Check condition and functioning of limit switches (during functional test of davit)		1Y	P	OK	OK										
4.1.7 / 6.2.9.2 & 3	Check condition of fall wires (abrasions, corrosion, kinks, end connections)		1Y	P	OK	OK										
4.1.8	Measure diameter of fall wires and check if diameter matches with diameter indicated on fall wire certificate		1Y	P	OK	OK										
4.1.9	Check condition/operation of suspension arrangement (floating block, chain, shackles, end link). Check for smooth rotation of end link swivel in floating block, check for correct securement of swivel to floating block (pin in nut)		1Y	P	OK	OK										
4.1.10 / 6.2.9.5.4.1	Check condition/operation of remote control wire, sheaves, guide rollers, pull cord, rope bag (if applicable)		1Y	-	OK	OK										
4.1.11	Check condition of boat stopper (incl. wood or rubber pads)		1Y	-	OK	OK										
4.1.12	Check condition/operation of lashing wire and associated turnbuckles & slip hooks, lubrication of threads		1Y	P	OK	OK										
4.1.13	Check condition/operation of hanging-off equipment, lugs, chains/wire/webbing straps/shackles		1Y	P	OK	OK										
4.1.14 / 6.2.9.5.4.2	Check condition of electric cables, cabinets, junction boxes, push button stations and glands		1Y	-	OK	OK										
4.1.15 / 6.2.9.5.3	Check condition of load bearing bolts such as foundation bolts, flange bolts and bolts connecting high pressure hydraulic parts		1Y	P	OK	OK										
4.1.16	Check condition of slewing worm gear (remove slew inspection cover)		1Y	-	OK	OK										
4.1.17	Check condition of top slew cone bearing (water ingress inside lower davit arm?)		1Y	-	OK	OK										
4.1.18	Check for leakages of slewing gear		1Y	-	OK	OK										
4.1.19	Check oil condition (water contamination?) of slewing gear		1Y	-	OK	OK										
4.1.20	Model/type plate available and readable?		1Y	P	OK	OK										
4.1.21	Check presence/condition of Instruction poster for launching procedure		1Y	P	OK	OK										



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					Frc	Raft										
4.2 / 6.2.9.4.3	Hydraulic system	Yes														
4.2.1	Ensure that absorbent material is available when working on hydraulic equipment		1Y	-	OK	NA										
4.2.2	Check for hydraulic oil leakage, overpressure, opening pressure prior to start-up/operation		1Y	-	OK	NA										
4.2.3	Check condition/operation of hydraulic power pack (tank, components, gauges, couplings etc.)		1Y	-	OK	NA										
4.2.4	Check condition of return filter (contamination/clogged up?), see manual for periodical renewal		1Y	R?Y	OK	NA										
4.2.5	Check condition/operation of slewing, topping and hoisting direction control valve		1Y	-	OK	NA										
4.2.6	Check if manual directional control valve returns to neutral/closed position after operation		1Y	P	OK	NA										
4.2.7	Check condition of hydraulic hoses, piping & couplings (hoses R5Y)		1Y	R5Y	OK	NA										
4.2.8	Check condition of seals and dirt scrapper of hydraulic cylinders (leakages?)		1Y	P	OK	NA										
4.2.9	Check oil condition (water contamination?) and oil level		1Y	-	OK	NA										
4.2.10	Check condition/operation of handpump and pressure gauge		1Y	-	OK	NA										
4.3 / 6.2.9.4.2	Stored power system	Yes														
4.3.1	Check condition of accumulator (pressure check!) and bracket		1Y	P	OK	NA										
4.3.2	Check stored power turning out mode (accumulator fully charged and then isolate power to HPU)		1Y	-	OK	NA										
4.3.3	Check stored power slewing mode (accumulator fully charged and then isolate power to HPU)		1Y	-	OK	NA										
5	WINCH															
5.1 / 6.2.9.5	Winch - hydraulic	Yes														
5.1.1	Check condition of winch structure, corrosion, misalignments, deformations and excessive free play		1Y	P	OK	NA										
5.1.2 / 6.2.9.5.3	Check condition of load bearing bolts such as foundation bolts and bolts connecting high pressure hydraulic parts		1Y	P	OK	NA										
5.1.3	Check condition of winch drum (bearings, flanges), fall wire spooled correctly on drum		1Y	P	OK	NA										
5.1.4	Check condition of fall wire connection to winch drum		1Y	-	OK	NA										
5.1.5	Model/type plate available and readable?		1Y	P	OK	NA										
5.1.6	Lubrication according to Maintenance manual		1Y	-	OK	NA										
Remark	In case of a hydraulic brake there is no need to open the brake unit for inspection.		1Y													



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					Station no.													
					Frc	Raft												
5.2 / 6.2.9.5	WINCH - Electric	Yes																
5.2.1	Electrically isolate winch, main switch to "off" position and sign on switch "work in progress"		1Y	-	NA	OK												
5.2.2 / 6.2.9.5.1	Inspection of centrifugal brakes (linings free from oil contamination and for wear or damage)		1Y	P	NA	OK												
5.2.3 / 6.2.9.5.1	Inspection of stop brake system (disks/linings free from oil contamination and for wear or damage). In case the winch brake is a hydraulic brake, an inspection (opening brake unit) is not required.		1Y	P	NA	OK												
5.2.4	Inspect operation of freewheel clutch (cam clutch)		1Y	R5Y + P	NA	OK												
5.2.5	Check condition /operation of brake release arm, bolts connecting brake arm to brake shaft mechanism		1Y	-	NA	OK												
5.2.6	Check condition/operation of hand crank system, connection, shaft and bearings (incl. limit switch)		1Y	-	NA	OK												
5.2.7	Check condition/operation of hand pay-off wheel, shaft and bearing		1Y	-	NA	OK												
5.2.8 / 6.2.9.5.4.1	Check condition/operation of remote control system (wire, connection to lowering control weight, handgrip and wire blocks)		1Y	-	NA	OK												
5.2.9 / 6.2.9.5.4.2	Check condition/operation of electric motor, junction box, cables and glands		1Y	-	NA	OK												
5.2.10	Check condition of gearbox (wheels, shafts and bearings) and gearbox oil (contamination and level?)		1Y	P	NA	OK												
5.2.11	Check condition of fall wire connection to winch drum		1Y	-	NA	OK												
5.2.12	Check condition of winch drum (bearings, flanges), fall wire spooled correctly on drum		1Y	P	NA	OK												
5.2.13 / 6.2.9.5.3	Check condition of winch foundation bolts		1Y	P	NA	OK												
5.2.14	Model/type plate available and readable?		1Y	P	NA	OK												
5.2.15	Lubrication according to Maintenance manual		1Y	-	NA	OK												



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					Station no.											
					Frc	Raft										
6 / 6.2.10	FUNCTIONAL TEST DAVIT AND DYNAMIC WINCH BRAKE TEST	Yes														
6.1	Functional test/lowering empty RB/FRB, check hinge pins, sheaves, roller wheels, swivels, wedgehouses and other moving parts.		1Y		OK	OK										
6.2 / 6.2.9.4.1	Functional test/hoisting empty RB/FRB, check limit switches.		1Y		OK	OK										
6.3	Functional test of wave compensation and shock absorber (if applicable). Wave compensation should only be switched on when FRB is in the water. If not in the water, the FRB will lower uncontrolled.		1Y		NA	NA										
6.4 / 6.2.10	Annual operational test should preferably be done by lowering the empty RB/FRB. When the RB/FRB has reached its maximum lowering speed and before the RB/FRB enters the water, the brake should be abruptly applied.		1Y		OK	NA										
6.5	Check total weight of RB/FRB before conducting a 5-yearly inspection/function test		5Y		NA	NA										
6.6	Only for Offshore units in Norwegian sector under NMD regulations: NDT testing of winch and davit foundations (weldings)		5Y		NA	NA										
6.7 / 6.3.1	5-Yearly operational test should be done by lowering the RB/FRB loaded to a proof load equal to 1.1 times the weight of the RB/FRB and its full complement of persons and equipment, or equivalent load. When the RB/FRB has reached its maximum lowering speed and before the RB/FRB enters the water, the brake should be abruptly applied.		5Y		NA	NA										
Remark:	Prior to hoisting, examine the release gear and hook fastening to ensure that the hook is completely re-set (safety devices in proper position) and no damage has occurred. The final turning-in of the RB/FRB should be done without any persons on board. Once the RB/FRB and davit is turned into stowed position, prepare for operational readiness (lashings applied and ensure that hanging-off equipment is no longer installed).		1Y													

Documents left on board upon completion of inspection/maintenance job:	Yes/No/Not applicable
Copy Service report (incl. checklists)	Will be sent by e-mail
Copy Recommendation report	Will be sent by e-mail
Copy of Certificate of Infield Competence service engineers	Will be sent by e-mail
Copy of Flag / Class approval	Will be sent by e-mail

Customer
Name:
Signature & stamp:
Date:

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					Station no.											
					Ps	stb										
1	GENERAL	Yes														
1.1 / 6.1.2	OEM Certificate of lifeboat, davit & winch available on board?		1Y	-	OK	OK										
1.2 / 6.2.2	Weekly and monthly maintenance performed on board?		1Y	-	OK	OK										
1.3 / 6.2.2	Last annual / 5-Yearly inspection report on board (take copy and check remarks)?		1Y	-	OK	OK										
1.4	Certificate of fall wires (every 5 years to be renewed, check expiry date!)		1Y	M5Y	OK	OK										renewede
1.5	Certificate of air bottles (every 5 years to be re-tested/certified, check expiry date!)		1Y	M5Y	NA	NA										
1.6	Certificate of recovery slings (every 5 years to be renewed, check expiry date !)		1Y	M5Y	OK	OK										renewed
1.7	Check condition of recovery slings before connecting them to the fall wire / yoke of the davit system		1Y	-	OK	OK										
1.8	Check condition of lifting brackets		1Y	-	OK	OK										
1.9	Certificate of hanging off / simulated launch equipment		1Y	-	OK	OK										
1.10	Check/verify actual model & serial no's of equipment with information already received		1Y	-	OK	OK										
1.11 / 6.2.4.5	Check position/condition of hook indicator (picture before entering LB and after inspection!)		1Y	-	OK	OK										
1.12 / 6.2.4.5	Check condition of hook connecting bolts/nuts to hook foundation and GRP surrounding area		1Y	-	OK	OK										
1.13	Check condition of hanging off pad eye / plate on davit structure before connecting hanging off / simulated launch equipment		1Y	P	OK	OK										
1.14	Access to davit and lifeboat clear from obstructions and any loose equipment?		1Y	-	OK	OK										
1.15	General inspection of installation to ensure that the inspection can be performed in a safe manner.		1Y	-	OK	OK										
2	DAVIT															
2.1 / 6.2.9	Davit general	Yes														
2.1.1	Keep A-frame/davit in stowed position		1Y	-	OK	OK										
2.1.2	Check A-frame/davit structure with regard to corrosion, misalignments, deformations and excessive free play		1Y	P	OK	OK										
2.1.3	Check condition of hinge points + pin of A-frame, cylinder hinges, lubricate if necessary		1Y	-	OK	OK										
2.1.4 / 6.2.9.2 & 3	Check condition of fall wire sheaves, sheave bearings and other moving parts, lubricate if necessary		1Y	-	OK	OK										
2.1.5 / 6.2.9.2 & 3	Check condition of fall wires (abrasions, corrosion, kinks, connections, expiry date fall wire certificate!)		1Y	P	OK	OK										
2.1.6	Measure diameter of fall wires and check if diameter matches with diameter indicated on fall wire certificate		1Y	-	OK	OK										
2.1.7	Check condition of lifting yoke including sheaves, shackles, swivels etc.		1Y	-	OK	OK										
2.1.8	Check condition of recovery (hoisting) sling, check certificate expiry date!		1Y	-	OK	OK										renewed
2.1.9	Check condition of skidway/sliding ramp and sliding pads/rollers		1Y	-	OK	OK										
2.1.10	Check condition/operation of skid lashing arrangement		1Y	-	OK	OK										
2.1.11 / 6.2.9.5.4.2	Check condition of electric cables, cabinets, junction boxes, push button stations and glands		1Y	-	OK	OK										
2.1.12 / 6.2.9.5.3	Check condition of load bearing bolts such as foundation bolts, flange bolts and bolts connecting high pressure hydraulic parts		1Y	-	OK	OK										
2.1.13 / 6.2.9.4.1	Check condition of limit switches (during functional test of davit)		1Y	P	OK	OK										
2.1.14	Model/type plate available and readable		1Y	P	OK	OK										
2.1.15	Check condition poster for launching procedure		1Y	P	OK	OK										



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					Station no.											
					Ps	stb										
2.2 / 6.2.9.4.3	Hydraulic system	Yes														
2.2.1	Ensure that absorbent material is available when working on hydraulic equipment		1Y	-	OK	OK										
2.2.2	Check condition of hydraulic power pack		1Y	-	OK	OK										
2.2.3	Check condition of hydraulic cylinders including dirt scrapers (leakages?)		1Y	-	OK	OK									renewed	
2.2.4	Check condition of return filter (contamination/clogged up?), see manual for periodical renewal		1Y	R?Y	OK	OK										
2.2.5	Check oil condition (water contamination?) and check oil level		1Y	-	OK	OK										
2.2.6	Check condition and operation of slewing, topping and hoisting direction control valve		1Y	-	OK	OK										
2.2.7	Check if manual directional control valve returns to neutral/closed position after operation		1Y	P	OK	OK										
2.2.8	Check condition of hydraulic hoses, piping & couplings (hoses R5Y)		1Y	R5Y	OK	OK										
2.2.9	Check condition/operation of handpump and pressure gauge		1Y	-	OK	OK										
2.3	Operation of Hydraulic system	Yes														
2.3.1	Start up Hydraulic power pack		1Y	-	OK	OK										
2.3.2	Check for hydraulic oil leakage, overpressure, opening pressure while hydraulic pump is running		1Y	-	OK	OK										
2.3.3	Operate manual directional control valve to swing in A-frame (A-frame is already in stowed position), pressure will build up		1Y	-	OK	OK										
2.3.4	Check when maximum pressure is reached, the overpressure valve is working correctly (refer to OEM hydraulic scheme for max. over pressure setting)		1Y	-	OK	OK										
2.3.5	Check for leakages of all components while building up the pressure, if all okay let the manual directional control valve return to it's neutral position		1Y	-	OK	OK										
2.3.6	Swing out A-frame using manual directional control valve, without the FF lifeboat < No load > !!		1Y	-	OK	OK										
2.3.7	When A-frame reaches maximum outboard position, again hold the manual directional control valve till the maximum pressure is reached and the overpressure valve kicks in		1Y	-	OK	OK										
2.3.8	Check for leakages of all components while building up the pressure, if all okay let the manual directional control valve return to it's neutral position		1Y	-	OK	OK										
2.3.9	Lower & hoist the yoke by using the winch manual directional control valve/electrical push button box		1Y	-	OK	OK										
2.3.10	Check if the Yoke's wires sheaves are turning		1Y	-	OK	OK										
2.3.11	Check during hoisting when the yoke has reached it's top position of the A-frame, the limit switch is working correctly		1Y	-	OK	OK										
2.3.12	Swing back in the A-frame to it's stowed position (check hinge points of A-frame and of cylinders) and connect recovery slings to FF lifeboat prior to inspection of FF lifeboat		1Y	-	OK	OK										
2.3.13	Check if A-frame in stowed position is supported by mechanical end support		1Y	-	OK	OK										



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Ref no. PM / MSC402(96)	Description	Applicable for inspection?	To be checked	Action required	Condition of equipment										Comments (if any)	
					Station no.											
					Ps	stb										
3	WINCH															
3.1 / 6.2.9.5	Winch - hydraulic	Yes														
3.1.1	Check condition of winch structure, corrosion, misalignments, deformations and excessive free play		1Y	P	OK	OK										
3.1.2 / 6.2.9.5.3	Check condition of load bearing bolts such as foundation bolts and bolts connecting high pressure hydraulic parts		1Y	P	OK	OK										
3.1.3	Check condition of winch drum (bearings, flanges), wire fall spooled correctly on drum		1Y	P	OK	OK										
3.1.4	Check condition of wire fall connection to winch drum		1Y	-	OK	OK										
3.1.5	Model/type plate available and readable?		1Y	P	OK	OK										
3.1.6	Check for lubrication according to maintenance manual		1Y	-	OK	OK										
Remark	In case of a hydraulic brake there is no need to open the brake unit for inspection		1Y													
3.2 / 6.2.9.5	WINCH - Electric	No														
3.2.1	Electrically isolate winch, main switch to "off" position and sign on switch "work in progress"		1Y	-	NA	NA										
3.2.2 / 6.2.9.5.1	Inspection of centrifugal brakes (linings free from oil contamination and for wear or damage)		1Y	P	NA	NA										
3.2.3 / 6.2.9.5.1	Inspection of stop brake system (disks/linings free from oil contamination and for wear or damage). In case the winch brake is a hydraulic brake, an inspection (opening brake unit) is not required.		1Y	P	NA	NA										
3.2.4	Inspect operation of freewheel clutch (cam clutch)		1Y	R5Y + P	NA	NA										
3.2.5	Check condition /operation of brake release arm, bolts connecting brake arm to brake shaft mechanism		1Y	-	NA	NA										
3.2.6	Check condition/operation of hand crank system, connection, shaft and bearings (incl. limit switch)		1Y	-	NA	NA										
3.2.7	Check condition/operation of hand pay-off wheel, shaft and bearing		1Y	-	NA	NA										
3.2.8 / 6.2.9.5.4.1	Check condition/operation of remote control system (wire, connection to lowering control weight, handgrip and wire blocks)		1Y	-	NA	NA										
3.2.9 / 6.2.9.5.4.2	Check condition/operation of electric motor, junction box, cables and glands		1Y	-	NA	NA										
3.2.10	Check condition of gearbox (wheels, shafts and bearings) and gearbox oil (contamination and level?)		1Y	P	NA	NA										
3.2.11	Check condition of fall wire connection to winch drum		1Y	-	NA	NA										
3.2.12	Check condition of winch drum (bearings, flanges), fall wire spooled correctly on drum		1Y	P	NA	NA										
3.2.13 / 6.2.9.5.3	Check condition of winch foundation bolts		1Y	P	NA	NA										
3.2.14	Model/type plate available and readable?		1Y	P	NA	NA										
3.2.15	Lubrication according to Maintenance manual		1Y	-	NA	NA										

Palfinger job.no.	BD4010836		
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Location	Damen Schiedam, haven 550 ,		
Estimated start date	February 22, 2024		

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					Station no.											
					Ps	stb										
4	FREE FALL LIFEBOAT	Yes														
4.1 / 6.2.3.1	Condition of structure including fixed equipment (take overview picture lifeboat indicating station no.)		1Y	P												
4.1.1 / 6.2.4 Note 2	Secure lifeboat using hanging-off arrangement (there should be no load on hook during inspection!)		1Y	-												
4.1.2	Check hull & canopy for signs of damage and general deterioration		1Y	-	OK	OK										
4.1.3	Check condition of reflective tape, call sign and lettering		1Y	-	OK	OK										
4.1.4	Check condition of life lines, rings & clamps		1Y	-	OK	OK										
4.1.5	Check condition/operation of hinges, handles & seals of doors, hatches & windows		1Y	-	OK	OK										
4.1.6	Check condition/operation of drain plug and sea water inlets, clean and lubricate if necessary		1Y	-	OK	OK										
4.1.7 / 6.2.3.8	Check condition of skid rails		1Y	-	OK	OK										
4.1.8	Check condition of towing bolder/bracket		1Y	-	OK	OK										
4.1.9	Check condition/operation of seats and seat belts (especially deterioration of seat belts)		1Y	-	OK	OK										
4.1.10	Check condition/operation of ventilation cowls & ventilators		1Y	-	OK	OK										
4.1.11	Check condition of steel and wood work (external & internal)		1Y	-	OK	OK										
4.1.12	Check condition of anti-slip surfaces		1Y	-	OK	OK										
4.1.13	Check condition of recovery/lifting slings (check expiry date!)		1Y	M5Y + P	OK	OK										
4.2 / 6.2.3.2	Engine and propulsion system	Yes														
4.2.1	Check level and condition of engine oil & gearbox oil (top up if necessary). For level in stowed/horizontal position refer to manual. Also check oil level and contamination after running (see 4.2.10)		1Y	-	OK	OK										
4.2.2	Check engine air & fuel filter		1Y	-	OK	OK										
4.2.3	Check level and condition of fuel (have crew top up if necessary)		1Y	-	OK	OK										
4.2.4	Check condition of fuel tank, fuel lines, drain valve and filler cap		1Y	-	OK	OK										
4.2.5	Check condition of exhaust system (insulation and no leakages)		1Y	-	OK	OK										
4.2.6	Check closed heat exchange system (cooling fluid, external engine cooling pipes)		1Y	-	OK	OK										
4.2.7	Check engine foundation & connection gearbox-propeller shaft, nuts/bolts to be tighten if necessary		1Y	-	OK	OK										
4.2.8	Check engine foundation surrounding area (GRP)		1Y	-	OK	OK										
4.2.9	Check function stop solenoid/cable before starting engine		1Y	-	OK	OK										
4.2.10	Check/operate electric starter system, start-run-stop engine not more than 5 min. in stowed position (gearbox in neutral)		1Y	-	OK	OK										
4.2.11	Start engine by using independent start sources (battery 1 - battery 2 - both)		1Y	-	OK	OK										
4.2.12	Check/operate engine control system (control handle, cables and free-forward-reverse operation)		1Y	-	OK	OK										
4.2.13	Check alignment of propeller shaft while operating engine control system (run for max 10 sec!)		1Y	-	OK	OK										
4.2.14	Check stern tube, stuffing box for leakages (boat waterborne). Tighten stuffing box or replace packing		1Y	-	OK	OK										
4.2.15	Check condition of engine casing		1Y	-	OK	OK										



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Location	Damen Schiedam, haven 550 ,		
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					Station no.												
					Ps	stb											
4.3 / 6.2.3.3	Sprinkler system (if fitted)	No															
4.3.1	Check condition of water spray pump		1Y	-	NA	NA											
4.3.2	Check/operate sprinkler main valve		1Y	-	NA	NA											
4.3.3	Check/operate clutch or check tensioning & condition of V-belt		1Y	-	NA	NA											
4.3.4	Check condition piping and connections (incl. flushing point), nozzles		1Y	-	NA	NA											
4.3.5	Check operation of water spray pump, nozzles, spray performance during functional test when lifeboat is waterborne		1Y	-	NA	NA											
4.4 / 6.2.3.4	Air supply system (if fitted)	No															
4.4.1	Check condition of air cylinders exterior (re-certification date!)		1Y	M5Y	NA	NA											
4.4.2	Check condition of air hoses, regulator, valves and gauges		1Y	-	NA	NA											
4.4.3	Record air pressure of each air cylinder, ref. to OEM Operator manual for minimum pressure		1Y	-	NA	NA											
4.4.4	Check condition of underpressure/overpressure breather valves		1Y	-	NA	NA											
4.5 / 6.2.3.5	Manoeuvring system	Yes															
4.5.1	Check condition/operation of steering gear control system		1Y	-	OK	OK											
4.5.2	Check condition of propellor, propellor guard, shaft, rudder and nozzle		1Y	-	OK	OK											
4.5.3	Check/operate steering gear control cable (mechanical)		1Y	-	OK	OK											
4.5.4	Check/operate hydraulic steering equipment (hoses, valves, cylinders and reservoir), top up if necessary		1Y	-	NA	NA											
4.5.5	Check/operate emergency steering unit		1Y	-	OK	OK											
4.6 / 6.2.3.6	Power supply / electrical system	Yes															
4.6.1	Check condition of batteries, battery connections and main switches		1Y	-	OK	OK											
4.6.2	Check condition of battery charger and shore connection		1Y	-	OK	OK											
4.6.3	Check condition of electric wiring		1Y	-	OK	OK											
4.6.4	Check/operate navigation and cabin lights		1Y	-	OK	OK											
4.6.5	Check/operate control console & instrumentation		1Y	-	OK	OK											
4.6.6	Check condition of VHF installation		1Y	-	OK	OK											
4.6.7	Check condition of EPIRB/SART		1Y	-	NA	NA											
4.7 / 6.2.3.7	Bailing system	Yes															
4.7.1	Check/operate bilge pump and hoses		1Y	-	OK	OK											

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					Station no.												
					Ps	stb											
4.8 / 6.2.3.1	Inventory (expiry dates!)	Yes															
4.8.1	Rowing oars	2	1Y	-	OK	OK											
4.8.2	Boat hook	2	1Y	-	OK	OK											
4.8.3	Safety boat hook	NA	1Y	-	NA	NA											
4.8.4	Bucket with lanyard	2	1Y	-	OK	OK											
4.8.5	Sponge	NA	1Y	-	NA	NA											
4.8.6	Buoyant bailer	1	1Y	-	OK	OK											
4.8.7	Survival manual	1	1Y	-	OK	OK											
4.8.8	Permanently fitted compass with illumination	1	1Y	-	OK	OK											
4.8.9	Sea-anchor and line	1	1Y	-	OK	OK											
4.8.10	Painter line	2	1Y	-	OK	OK											
4.8.11	Towing line ≥ 50m	NA	1Y	-	NA	NA											
4.8.12	Hatchet (for RB hatchet or knife)	2	1Y	-	OK	OK											
4.8.13	Drinking water	3.0 Ltr pp	1Y	P	OK	OK											
4.8.14	Rustproof dipper with lanyard	1	1Y	-	OK	OK											
4.8.15	Rustproof drinking vessel	1	1Y	-	OK	OK											
4.8.16	Food ration	10.000 kJ pp	1Y	P	OK	OK											
4.8.17	Rocket parachute flares	4	1Y	P	OK	OK											
4.8.18	Hand flares	6	1Y	P	OK	OK											
4.8.19	Buoyant smoke signals	2	1Y	P	OK	OK											
4.8.20	Waterproof electric torches, spare set of batteries, spare bulb	1	1Y	-	OK	OK											
4.8.21	Daylight signaling mirror with instructions	1	1Y	-	OK	OK											
4.8.22	Copy of life saving signals	1	1Y	-	OK	OK											
4.8.23	Whistle or equivalent sound signal	1	1Y	-	OK	OK											
4.8.24	First aid kit in waterproof case	1	1Y	P	OK	OK											
4.8.25	Anti-seasickness medicine	6 dose pp	1Y	P	OK	OK											
4.8.26	Seasickness bag	1 pp	1Y	P	OK	OK											
4.8.27	Jack-knife with lanyard	1	1Y	-	OK	OK											
4.8.28	Buoyant safety knife	NA	1Y	-	NA	NA											
4.8.29	Tin opener	3	1Y	-	OK	OK											
4.8.30	Rescue ring with 30m. buoyant line	2	1Y	-	OK	OK											
4.8.31	Manual bilge pump (if lb not automatically self-bailing)	1	1Y	-	OK	OK											
4.8.32	Fishing tackle	1	1Y	-	OK	OK											
4.8.33	Tools for minor engine repair	1	1Y	-	OK	OK											
4.8.34	Portable fire extinguisher	1	1Y	P	OK	OK											
4.8.35	Searchlight	1	1Y	-	OK	OK											
4.8.36	Radar reflector	1	1Y	-	OK	OK											
4.8.37	Thermal protective aids (10% of crew or 2 as min.)	≥ 2	1Y	-	OK	OK											



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					Station no.												
					Ps	stb											
4.8.38	Manual operated air pump	NA	1Y	-	NA	NA											
4.8.39	Tube repair kit	NA	1Y	-	NA	NA											



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					Ps	stb										
5 / 6.2.4	FREEFALL LIFEBOAT RELEASE SYSTEM															
5.1	General															
5.1.1 / 6.2.4 Note 1	Setting & maintenance of release gear are critical operations with regard to safe operation of lifeboat, utmost care to be taken when performing inspection & maintenance on equipment.															
5.1.2 / 6.2.4 Note 2	No maintenance or adjustment of release gear shall be undertaken while the hook is under load															
5.2 / 6.2.4.1	Release unit < Cable Operated >	No		P												
5.2.1	Check condition/operation main release unit		1Y	-	NA	NA										
5.2.2	Check for condition/operation emergency release unit		1Y	-	NA	NA										
5.2.3 / 6.2.4.2	Check for excessive play/movement		1Y	-	NA	NA										
5.2.4	Check condition/operation of safety devices (safety pin, handle, safety glass, etc.)		1Y	-	NA	NA										
5.2.5	Check condition/operation of gearbox (worm gear) release unit + cable (renewal 5-yearly FF600-700-800-900)		1Y	R5Y	NA	NA										
5.2.6 / 6.2.4.4	Check condition/operation of release cables (free movement, corrosion)		1Y	R5Y	NA	NA										
5.3 / 6.2.4.1	Release Unit < Hydraulic Operated >	Yes		P												
5.3.1	Check condition/operation of main release pump		1Y	-	OK	OK										
5.3.2	Check condition/operation of emergency release pump		1Y	-	OK	OK										
5.3.3	Check oil condition (water contamination?) and check oil level		1Y	-	OK	OK										
5.3.4 / 6.2.4.2	Check for excessive play/movement		1Y	-	OK	OK										
5.3.5	Check for internal and external oil leakages		1Y	-	OK	OK										
5.3.6	Check condition of hydraulic hoses, components and couplings		1Y	-	OK	OK										
5.3.7	Check condition/operation of safety devices (safety pin, handle, safety glass, etc.)		1Y	-	OK	OK										
5.4 / 6.2.4	Hook release assembly	Yes		P												
5.4.1 / 6.3.3.1	Dismantle complete hook assembly (camshaft, hook shaft etc.)		5Y	-	NA	NA										
5.4.2	Check condition of solid hook (hook tail, hook tail roller, grease pin), clean and lubricate		1Y	-	OK	OK										
5.4.3	Check condition of solid hook shaft (bushings and grease pin), clean and lubricate		1Y	-	OK	OK										
5.4.4	Check condition/operation of cam(locking) shaft (bushings and grease pin), clean and lubricate		1Y	-	OK	OK										
5.4.5	Check condition/operation of locking pawl for cam(locking) shaft, clean and lubricate		1Y	-	OK	OK										
5.4.6	Check condition/operation of rotating cup, clean the cup		1Y	-	OK	OK										
5.4.7	Check condition/operation of double mousing plate, clean and lubricate		1Y	P	OK	OK										
5.4.8	Check condition/operation of clevis fittings, check securement of bolt/nut or pin/split pin		1Y	-	OK	OK										
5.4.9 / 6.3.3.3	Adjust release gear system after re-assembly		5Y	-	OK	OK										



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					Station no.												
					Ps	stb											
5.5 / 6.2.4.1	Hydraulic Hook Release assembly	Yes															
5.5.1	Check condition of hydraulic release foundation (including GRP surrounding area)		1Y	-	OK	OK											
5.5.2	Check condition of hydraulic hoses, components and couplings		1Y	-	OK	OK											
5.5.3	Check condition/operation of hydraulic jacks, including condition of scraper seal		1Y	-	OK	OK											
5.6 / 6.2.4	Release system, general	Yes															
5.6.1	Check if Operation/maintenance manual available in lifeboat		1Y	-	OK	OK											
5.6.2	Check condition/presence of instruction label release gear system in lifeboat		1Y	P	OK	OK											
5.6.3	Check if simulated Free Fall device available is on-board		1Y	-	OK	OK											
5.7 / 6.2.7	Operational test of free fall release function	Yes															
5.7.1 / 6.2.7.1	Fit/engage the simulated launching arrangements as specified in the OEM's operating instructions		1Y	-	NA	NA											
5.7.2	Connect recovery slings to the FF Lifeboat as an extra safety precaution (as safety back-up)		1Y	-	OK	OK											
5.7.3 / 6.2.7.3	Operate the release mechanism to release the FF lifeboat using main release / external release unit		1Y	-	OK	OK											
5.7.4 / 6.2.7.4	Re-set the release mechanism and bring back FF lifeboat in the stowed position		1Y	-	OK	OK											
5.7.5 / 6.2.7.5	Repeat steps 5.7.3 and 5.7.4, using the emergency release mechanism, if fitted		1Y	-	OK	OK											
5.7.6 / 6.2.7.6	Remove the simulated launching arrangements		1Y	-	NA	NA											
5.7.7 / 6.2.7.7	Verify that the FF lifeboat is in the ready to launch stowed position		1Y	-	OK	OK											
5.7.8 / 6.3.3.4	With Hook loaded to 1.1 times the weight of the lifeboat and its full complement of persons and equipment demonstrate the main and secondary (if fitted) hook release Mechanism.		5Y	-	NA	NA											
Remark / 6.2.7.2	In case no external release is possible, the operator should be properly seated and secured in the seat location from which the release mechanism is to be operated		1Y														



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Customer P.O.	0619-PO-315283		
Vessel/Rig name	Stornes	IMO/Rig no.	9549035
Location	Damen Schiedam, haven 550 ,		
Estimated start date	February 22, 2024		

Remarks:

- In case 1Y inspection is required it automatically means that it is required for 5Y inspections as well.
- For maximum allowed (%) material loss of steel parts, see SIM [F-11277](#)

1Y = Annual inspection
 5Y = 5-Yearly inspection
 P = Picture to be taken during inspection (1Y + 5Y)
 R?Y = Recommended renewal of part according to manual

R1Y = Recommended annual renewal of part
 R5Y = Recommended 5-Yearly renewal of part
 M1Y = Mandatory annual renewal of part
 M5Y = mandatory 5-Yearly renewal of part

Yellow highlighted cells to be filled in

**Checklist for the thorough examination, overhaul and operational tests of LSA (FFLB + Davit) equipment in accordance with section 6 of IMO Resolution MSC.402(96), as amended.
 This Resolution is repealing IMO Circulars MSC.1/Circ.1206Rev.1 and MSC.1/Circ.1277 as of 1st January 2020.**

Ref no. PM / MSC402(96)	Description	Applicable for inspection?	To be checked	Action required	Condition of equipment										Comments (if any)	
					Station no.											
					Ps	stb										
6 / 6.2.10	FUNCTIONAL TEST DAVIT AND DYNAMIC WINCH BRAKE TEST	Yes														
6.1	Functional test/lowering empty lifeboat, check hinge pins, cylinder hinges, sheaves, roller wheels, swivels, wedgehouses and		1Y			OK	OK									
6.2	Only for Offshore units in Norwegian sector under NMD regulations: NDT testing of winch and davit foundations (weldings)		5Y			NA	NA									
6.3 / 6.2.10	Annual operational test should preferably be done by lowering the empty lifeboat. When the lifeboat has reached its maximum lowering speed and before the lifeboat enters the water, the brake should be abruptly applied.		1Y			OK	OK									
6.4 / 6.3.1	5-Yearly operational test should be done by lowering the lifeboat loaded to a proof load equal to 1.1 times the weight of the lifeboat and its full complement of persons and equipment, or equivalent load. When the lifeboat has reached its maximum lowering speed and before the lifeboat enters the water, the brake should be abruptly applied.		5Y			NA	NA									
Remark:	Prior to hoisting, examine the release gear and hook fastening to ensure that the hook is completely re-set (safety devices in		1Y													

Documents left on board upon completion of inspection/maintenance job:	Yes/No/Not applicable
Copy Service report (incl. checklists)	Will be sent by e-mail
Copy Recommendation report	Will be sent by e-mail
Copy of Certificate of Infield Competence service engineers	Will be sent by e-mail
Copy of Flag / Class approval	Will be sent by e-mail
Copy OEM authorization (if applicable)	

	<p>Customer</p> <p>Name:</p> <p>Signature & stamp:</p> <p>Date:</p>
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