

RE WRECK
SECTION

No 876

4 JUN 1957

STEEL STEAMER OR MOTORSHIP

13 MAY 1957

Received at London Office

SECTION

No 876C

State if Report has been sent on the Freeboard of the Vessel yes

State if Report is sent on the Machinery of the Vessel yes

Date of completion of report 4th May 1957

Port of Groningen

No. 1505a

Survey held at Appingedam

Date First Survey 26th June 1956

Last Survey 3rd April

1957

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw motorship "RANA" (machinery a/c)

Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) full scantling

State Type of Erections Focsl & prop

WE under } 345.05
e Deck ... }

CLASS +100A1

State if with freeboard as condition of Class yes

Built at Appingedam

space or spaces }
n Tonnage Dk. }
Upper Dk. }

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 47.85

Launched 19th December 1956 Yard No. 178

Breadth (greatest moulded) B 8.50

Builders N.V. Scheepswerf, Appingedam

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 3.589

Owners N.V. Motorschip "JRENE"

tonnage 499.47

Tonnage 282.53

Managers Wynne & Barends

(Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS.

FEET

164.6

28.1

10.2

Framing Depth "d," at middle of length. See Sec. 3 (1d) 2.908

Proportions—Depth to Length—Uppermost continuous deck to top of keel 13.3

Do. Long Bridge to top of keel —

Draught Moulded 3.269

Residence Delfzijl

Port of Registry Groningen

If surveyed while building, afloat, or in dry dock

while building

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCREAS IN SHIP. mm	Any Departure from Approved Plans to be Noted.		INCREAS IN SHIP. mm	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	550	/	Bracket Floors, Frame	4100x65x8	/
" " from 1/2 length amidships to Collision bulkhead.....	550	/	" " Reversed Frame.....	475x65x7	7 1/2 supern
" " in peaks	550	/	" " Vertical Struts	4130x65x12	/
DE FRAMING.			Centre Girder, depth and thickness amidships	675x9	3 1/2 appr
Frame Amidships, Angle, [or [	4100x65x8	/	" " top Angles	EW	/
" " Extends up to.....	main deck	/	" " bottom Angles.....	EW	/
3rd Reversed Frame Amidships, Angle	4100x65x8 + 450x8	/	Side Girders, No. each side and thickness.....	one-half high	7
" " Extends up to	main deck	/	Margin Plate depth (excl. of flange) and thickness	680x8	7 1/2 appr
Depth of Framing Girder.....	100-108	/	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	EW	/
Frames in Uppermost Continuous 'tween Decks, Angle, [or [	4100x65x8 90x65x8 1/2	/	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	EW	/
" " Second 'tween Decks, Angle, [or [	490x65x9 90x65x8 1/2	/	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	—	/
" " Third " " " "	—	/	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	—	/
" " from 1/2 len. for'd. to 15% len. from Stem	4100x65x8 450x8 FP 4100x65x9 AP 4100x65x8 + 420	/	Tank Side Brackets, height above base line at toe of Frame and thickness	780x8	7 appr
" " in Peaks, Angle or [	—	/	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	16-7 dia	/	Breadth and thickness of Middle Line Strake...	2x 750x8	7 1/2 appr
State if Frame Joggled.....	no	/	Thickness of remainder in Holds	7	6 1/2 appr
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	as approved	/	Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....	as approved	/
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	as approved	/	BEAMS.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships in half beams Wells, Angle, [or [	380/100x75x7	/
Floors, Depth and thickness at mid-line in Holds.....	—	/	" " full beams in way of Bridge, Angle, [or [	4100x65x8	/
Height of Brackets at side above base line at toe of frame.....	—	/	Spacing	every frame	/
Middle Line Keelson, on Floors, Angles, [or [	—	/	Second Deck, amidships, Angle, [or [—	/
" " " Through Plate or Inter- costal Plate	—	/	Spacing	—	/
" " " Foundation Plate on Floors	—	/	Third Deck, amidships, Angle, [or [—	/
" " " Flat Plate Keel Angles	—	/	Spacing.....	—	/
Side Keelsons, No. each side.....	—	/	Fourth Deck, amidships, Angle, [or [—	/
" " thickness of Intercostal Plate...	—	/	Spacing.....	—	/
" " Angles	—	/	Poop Deck, Angle, [or [	4100x65x8	/
DOUBLE BOTTOM.			Spacing.....	every frame	/
Solid Floors, thickness and spacing	6 1/2 - 2220 maximum	/	Bridge Deck, Angle, [or [—	/
" " Are Frame and Reversed Frame joggled?	no	/	Spacing.....	—	/
Bracket Floors, breadth and thickness at middle line	550x7 6 1/2 appr	/	Forecastle Deck, Angle, [or [	4100x65x9	/
" " breadth and thickness at margin plate.....	550x7 6 1/2 appr	/	Spacing.....	every frame	/

PILLARS AND DECKS.

		INCHES IN SHIP. <i>mm</i>	Any Departure from Approved Plans to be Noted.			INCHES IN SHIP. <i>mm</i>	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	<i>one on 4</i>			Stringer Plate, breadth and thickness in way of Bridge	-		
" in 'tween Decks, Size and Spacing	-			Thickness of Plating abreast Deck openings in way of Wells	-		
" " " " "	-			Thickness of Plating abreast Deck openings in way of Bridge.....	-		
" in Holds " " " " " <i>5</i>	<i>2 x 490 x 65 x 9</i>			Thickness of Plating within line of openings...	-		
" " " " " "	-			If Sheathed, material and thickness.....	-		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing	<i>L 90 x 65 x 9 every frame</i>			Stringer Plate, breadth and thickness.....	-		
Plating, thickness of	<i>7</i>			If Plated, state thickness	-		
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....	-		
Stringer Plate, breadth and thickness in Wells	<i>1500 x 9 1/2</i>			If Plated, state thickness.....	-		
" " " " in way of Bridge	-			Poop Deck.			
" Angle in Wells	<i>490 x 90 x 10 9 1/2 appx</i>			Stringer Plate, breadth and thickness.....	<i>6 1/2</i>		
Thickness of Plating abreast Deck openings in way of Wells	-			Plating, Sheathing, material and thickness ...	<i>6 1/2 pine 50 outside d</i>		
Thickness of Plating abreast Deck openings in way of Bridge.....	-			Bridge Deck.			
Thickness of Plating within line of openings...	<i>7 1/2 - 7</i>			Stringer Plate, breadth and thickness.....	-		
If Sheathed, material and thickness.....	<i>7</i>			Plating, Sheathing, material and thickness ...	-		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells	-			Stringer Plate, breadth and thickness.....	<i>1500 x 7</i>		
				Plating, Sheathing, material and thickness...	<i>6 1/2 - -</i>		

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <small>State if jogged?.....</small>		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED LAPPED
	Breadth.	Thickness.	Thicknes.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	<small>Inches. No. 4</small>	<small>Inches. No. 4</small>	<small>Inches. No. 4</small>	<small>Inches. No. 4</small>		<small>Inches. No. 4</small>	<small>Inches. No. 4</small>		<small>Inches.</small>	<small>Inches.</small>		
Flat Plate Keel.....	1545	12	12	12	11 approved U.S.	Double	19	79				
„ Dblg. (if any)	-	-	-	-		-						
Bottom Plating, No. of Strakes ... A-A ...	1540 1780	8 1/2	8-9- 10 1/2	8 1/2		Single	16	69				
Bilge Plating, No. of Strakes ... C ...	1000	8 1/2	8 1/2	8 1/2		Single	16	69				
Side Plating, No. of Strakes ...	-	-	-	-		-						
Upper Deck, Sheer-strake in Wells... E ...	1480	10	9-8	9-8	break plate 13 (12 1/2 sppr.)	Single	16	69		EW		
Upper Deck, Sheer-strake in Bridge ...	-	-	-	-		-						
Strake below Sheer-strake in Wells... D ...	1480	8 1/2	8	8		Single	16	69				
Strake below Sheer-strake in Bridge ...	-	-	-	-		-						
Poop Side Plating.....	-	-	-	7		single	16	69				
Bridge Side Plating.....	-	-	-	-		-						
Forecastle Side Plating	-	-	7	-		single	16	69				

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				Casting or Forging.		Scantlings.		Maker's Name.		Any Dep from App Plans to be		NOT	
Extending to Upper Deck (Sec. 3 c).....		3 ✓		KEEL, Bar		plate						X	
,, Deck next below.....		—		STEM		rolled plate 11						25%	
As per Rule.....		3		STERN FRAME {		Propeller Post		plate + as per		BENES			
				Rudder		forg. EW		plan					
				Speed of Vessel		10 knots						where	
				RUDDER—Type		X		Dortz-type					
				,, 100 x A x D.....		174						ficate	
				,, Diam. of head		X		forging 140-115		BENES		nm.	
				,, Mainpiece at top pintle		—						ara	
				,, „ heel		—							
				,, how constructed		EW							
				,, double or single plate		double							
				coupling, vertical or		horizontal							
				horizontal									
<p>Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <u>open hearth process</u></p> <p>plates: <u>Kon. Ned. Hoogovens & Staat-fabrieken</u></p> <p>sections: <u>Colvilles, Dorman Long, Skinningrove Iron Co.</u></p> <p>Has the Steel been tested as required by the Rules? <u>yes</u></p>													

Any Departure of
Approved Plate
be Noted

Team
or
Wire

side of

> 150°F) carried in tunnel tank and as spare in n=4 DB tank.

relationship was found good. All tanks have been tested and decks, bulkheads and shell plating has been tested and

25% special rebate

I am of opinion the Vessel should be Classed +100 A 1

ificate to be sent to Groningen surveyors via Rotterdam Date of issue

Surveyor to Lloyd's Register of Shipping.

Character assigned

f 100 A 1

f LMC

ES 4.57

TS OQ 4.57

Noted
for
Header

NOTED FOR
POSTING 113

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Lloyd's Register
Foundation

0241 $\frac{2}{2}$

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a copy of the Plans should be embodied.)

No sisterships

Plans approved by Rotterdam office:

Midship section O.C. 23-7-56

Profile to decks & bulkheads O.C. 23-7-56

Shellplating & double bottom O.C. 23-7-56

Stern frame & rudder O.C. 23-7-56

Engine seating K.D. 24-8-56

Certificates attached:

Interim certificate

Stern frame (Gr. N=258)

Rudder (Gr. N=333)

PARTICULARS OF ELECTRIC WELDING (if employed)

Butts of shellplating, DB structure, Tanktop, Bulkheads, Decks, Stern, Stern frame, Rudder, Hatch-coamings, Deckhouses.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

part EW

DF

ESD

RADAR Equipment (State if fitted) not fitted

State Type or Pattern No. —

State } Maker —
Name } and/or —
of } Supplier —

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower

7-0-10 AEG 7653 21-12-56

2nd "

7-1-10 AEG 7652 21-12-56

3rd "

7-1-0 AEG 7651 21-12-56

Weight of head + pins more than 60% of total weight.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30.7 ft., R.Q.D. 7.2 ft., Bridge ✓ ft., Forecastle 24.6 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

Official No. ✓ Signal Letters PGYJ Extreme Breadth over Belting 20.2' Over-all Length 173.2'
(Circ. 1811) (Circ. 1703)

No. and Material of Decks one steel deck

Parts of Bottom of Vessel coated with cement or approved composition All watertanks cemented. OF tanks not coated

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	17.2	53.2
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	14.1	18.9
Double bottom, if under Engines only,	✓	✓	Deep tank, aft, <u>= tunnel tank</u>	10.0	0.0
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, <u>= deck tank aft</u>	7.2	7.5
Double bottom, forward, <u>gt PW</u>	10.5	12.5	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity	10.5	12.5	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 309

Date 27-9-1955

Dates of Surveys held while building

1956: June 26, July 20, Aug 13-22-28, Sept 7-13, Oct 5-7-17-24, Nov 3-5-12-27-
Dec 5-17-19
1957: Jan 12, Febr 14, March 4-29, April 3

Total No. of Visits 24