

WRECK
SECTIONSTEEL ~~STEAMER~~ OF MOTORSHIP. WRECK

6 OCT 1939

Received at London Office

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*

No

Date of completion of report

25th September 1939

Port of

Copenhagen

No.

11015.

Survey held at

Odense

Date First Survey

19th October 1937

Last Survey

15th September

1939

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

steel twin screw motorvessel "SOMMELSDYK"

State Type

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

Full scantling

State Type of Erections

B & F

TONNAGE under Tonnage Deck...

5876.79

CLASS +100 A1

State if with freeboard as condition of Class

Built at

Odense

Do. of space or spaces between Tonnage Dk. and Upper Dk.

248.00

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

L 465.0

Launched

25-5-39

Yard No. 79

Total

8257.79

Breadth (greatest moulded)

B 62.0

Builders Messrs. Odense Staalvarefabrik

Gross Tonnage

9227.14

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

D 40.5

Owners

Holland America Line

Register Tonnage

5517.53

1st Longitudinal Number (L x D) = 18833

Managers

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 47662

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

11.48

Residence Rotterdam

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

Do. Long Bridge to top of keel

Port of Registry

Rotterdam

If surveyed while building, afloat, or in dry dock

while building

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	840 ✓		Bracket Floors, Frame	200 90 12.5 ✓	
" " from $\frac{3}{8}$ length amidships to Collision bulkhead	685 ✓		" " Reversed Frame	200 75 11 ✓	
" " in peaks	610 ✓		" " Vertical Struts	200 75 11 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	1230 14 1/2 ✓	
Frame Amidships, Angle, E or F	11 3 1/2 54 280 90 13 1/2 ✓		" " top Angles	90 90 13 ✓	double
" " Extends up to	3 rd deck		" " bottom Angles	130 130 14 1/2 ✓	-4-
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	2 - 10 1/2 ✓	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness	1105 - 14 1/2 ✓	
Depth of Framing Girder			" " Vertical Angle to Tank side	150 150 12 1/2 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	11 3 1/2 48 280 90 12 ✓		" " Vertical Angle to Tank side	150 150 12 1/2 ✓	
" " Second 'tween Decks, Angle, E or F	-10 3 1/2 42 -250 90 11 ✓		" " Gussets, spacing and scantling	continuous plates ✓	
" " Third " " " "	343 13 1/2 19 2 320 100 17 ✓		" " Gussets, spacing and scantling	700 10 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	-11 3 1/2 48 -280 90 12 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	2180 12 1/2 ✓	
" " in Peaks, Angle, E or F	254 10 3 1/2 42 250 90 11 ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	22 - 135 ✓		Breadth and thickness of Middle Line Strake	1660 14 1/2 - 12 ✓	
State if Frame Joggled	yes ✓		Thickness of remainder in Holds	12 1/2 - 11 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes ✓		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Brackets and Boiler Room?	yes ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	230 90 12 1/2 ✓	
Floors, Depth and thickness at mid-line in Holds			" " in Wells, Angle, E or F	230 90 12 1/2 - 11 ✓	
Height of Brackets at side above base line at toe of frame			" " in way of Bridge, Angle, E or F	every frame ✓	
Middle Line Keelson, on Floors, Angles, E or F			Spacing	250 90 11 ✓	
" " Through Plate or Intercostal Plate			Second Deck, amidships, Angle, E or F	every frame ✓	
" " Foundation Plate on Floors			Spacing	280 90 13 1/2 ✓	
" " Flat Plate Keel Angles			Third Deck, amidships, Angle, E or F	every frame ✓	
Side Keelsons, No. each side			Spacing	230 90 12 1/2 ✓	
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, E or F	every frame ✓	
" " Angles			Spacing	180 75 11 ✓	
DOUBLE BOTTOM.			Poop Deck, Angle, E or F	every frame ✓	
Solid Floors, thickness and spacing	11 1/2 every 3 rd frame ✓		Spacing	230 90 12 1/2 ✓	
" " Are Frame and Reversed Frame joggled?	yes ✓		Bridge Deck, Angle, E or F	every frame ✓	
Bracket Floors, breadth and thickness at middle line	923 11 1/2 ✓		Spacing	180 75 11 ✓	
" " breadth and thickness at margin plate	885 11 1/2 ✓		Forecastle Deck, Angle, E or F	every frame ✓	
			Spacing	every frame ✓	

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	2 ✓		Stringer Plate, breadth and thickness in way of Bridge	1460 × 11 1/2 ✓	app'd 1300 × 11 1/2 ✓
" ^{upper} in ^{between} Decks, Size and Spacing.....	{ 170 × 10 - 240 × 11 ✓ }	Subular ✓	Thickness of Plating abreast Deck openings in way of Wells	10 1/2 - 9 ✓	
" ^{lower} " " "	{ 240 × 9.5 - 355 × 13.5 ✓ }	- - -	Thickness of Plating abreast Deck openings in way of Bridge	10 1/2 ✓	
" in Holds " "	330 × 14 - ✓	- - -	Thickness of Plating within line of openings...	10 1/2 - 9 ✓	
" " " " "	510 × 17.5 ✓	- - -	If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.	1800 × 10 1/2 ✓	app'd 1300 ✓
Stiffeners and Spacing.....	{ 200 75 92 ✓ 150 75 83 ✓ }		Stringer Plate, breadth and thickness.....	1100 × 9 ✓	- - 990 ✓
Plating, thickness of	7.5 ✓		If Plated, state thickness.....	10 1/2 - 8 ✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	{ 1765 × 20 ✓ 1040 × 11 ✓ }	app'd 1675 ✓	If Plated, state thickness		
" " " " in way of Bridge	{ 1765 × 20 ✓ 30 at bridge ends × 18-30 ✓ }	app'd 1675 ✓	Poop Deck.		
" Angle in Wells	{ 150 150 20 ✓ 90 90 13 at ends ✓ }		Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	17 - 10 1/2 ✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	17 - 16 ✓	app'd 17-15 ✓	Bridge Deck.		
Thickness of Plating within line of openings...	13 - 10 ✓		Stringer Plate, breadth and thickness.....	1675 × 14 3/4 ✓	
If Sheathed, material and thickness	Teak 75 ✓		Plating, Sheathing, material and thickness ...	10 1/2 - 12 with 3" Teak ✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	{ 1460 × 11 1/2 ✓ 1150 × 9 1/2 ✓ }	app'd 1300 × 11 1/2 ✓	Stringer Plate, breadth and thickness.....	915 × 9 1/2 ✓	
			Plating, Sheathing, material and thickness ...	7 1/2 with 3" Teak ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>no</i>	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.				Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	
<i>Upper 2200 / Rule 1425</i> FLAT PLATE KEEL	16 25	24 ✓	21 1/2 ✓	21 1/2 ✓		double	25 ✓	92 ✓	<i>2 rows rivets + 3</i>	25 ✓	100 ✓	<i>Sheeped and welded as approved</i>	
„ DBLG. (if any)		—							—				
BOTTOM PLATING, No. of Strakes 3	<i>2400</i> 2100	19 ✓	21 ✓	19 ✓		double	25 ✓	92 ✓	<i>4 - 3 aft</i>	25 ✓	100 ✓	<i>lapped</i>	
BILGE PLATING, No. of Strakes 2	<i>2300</i> 1700	19 ✓	13 1/2 ✓	16 ✓		—	25 ✓	92 ✓	<i>4 - 3</i>	25 ✓ 22 ✓	100 ✓ 80 ✓	<i>—</i>	
SIDE PLATING, No. of Strakes 3	<i>2400</i> 1700	18 1/2 ✓	12 1/2 ✓	12 1/2 ✓		—	22 ✓	83 ✓	<i>4 - 3</i>	22 ✓	90 ✓ 80 ✓	<i>—</i>	
UPPER DECK, Sheer-strake in Wells.....	2400 ✓	23 ✓	13 ✓	13 ✓		—	25 ✓ 22 ✓	92 ✓ 83 ✓	<i>5 - 3</i>	25 ✓ 22 ✓	115 ✓ 80 ✓	<i>—</i>	
UPPER DECK, Sheer-strake in Bridge ...	2400 ✓	20 ✓	<i>(29.5 in way of bridge ends)</i>			—	25 ✓	92 ✓	<i>5</i>	25 ✓	115 ✓	<i>—</i>	
STRAKE BELOW Sheer-strake in Wells.....	<i>Rule 1391</i> 2300 ✓	18 1/2 ✓	12 1/2 ✓	12 1/2 ✓		—	22 ✓	83 ✓	<i>4 - 3</i>	22 ✓	90 ✓ 80 ✓	<i>—</i>	
STRAKE BELOW Sheer-strake in Bridge ...	2300 ✓	18 1/2 ✓	—			—	22 ✓	83 ✓	<i>4</i>	22 ✓	90 ✓	<i>—</i>	
POOP SIDE PLATING				7 1/2 ✓		<i>single</i> ✓	19 ✓	85 ✓	<i>1</i>	16 ✓	65 ✓	<i>—</i>	
BRIDGE SIDE PLATING ...		16 1/4 ✓				<i>double</i> ✓	25 ✓	125 ✓	<i>4</i>	22 ✓	90 ✓	<i>—</i>	
FOREC'TLE SIDE PLATING			11 ✓			<i>single</i> ✓	19 ✓	75 ✓	<i>2</i>	19 ✓	65 ✓	<i>—</i>	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—						Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c) 8 ✓									
,, Deck next below ✓									
As per Rule									
		Plating Thickness.	STIFFENERS.						
			VERTICAL.		HORIZONTAL.				
			Scantlings.	Spacing.	Scantlings.	Spacing.			
MIDSHIP BULKHD.,	Upper tween decks	2 6.5	2 150.75.84	2 762	-				
"	" Second	8-7.5	150.75.84	762	-				
"	" Third								
"	" Holds								
COLLISION	" (in Hold)	12.5-10	280.90.12 1/2 E	✓ 610		at 1800			
AFTER PEAK	" "	12-8.5	280.90.12 E	✓ 610	-				
						KEEL, Bar	✓		
						STEM	made of plates		
						STERN FRAME {	Propeller Post	✓	
							Rudder ,,	casting I shaped	
						Speed of Vessel	17 knots		
						RUDDER—Type			
						" A x D	29.45	✓	
						" Diam. of head	39 1/2	✓	
						" Mainpiece at top pintle	cast steel frame with plates & webs	muns. Vithorice	
						" " heel ...		Mines steel and	
						" how constructed		Transvaal Corp.	
						" double or single plate	double		
						" coupling, vertical or horizontal	horizontal		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) open hearth
 Plates:- Wilkowitzer Bergbau & Eisenhütten Gewerkschaft
 Profiles:- — — — — — Dorman Long & Co Ltd. and Cassell Iron works Co, Ltd.
 Has the Steel been tested as required by the Rules? Yes.

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 List of the Plans should be embodied.)

W.T. done, midless and steering arrangements tried and found satisfactory.

PARTICULARS OF ELECTRIC WELDING (if employed)

Butts of hull single strapped 2R + L.W.
? Electrodes

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

carrying fuel oil F.P. above 150°F in wing tanks in motor room and nos. 1 & 2 tunnel tanks.
carrying vegetable oil in deep tanks fwd and aft and later in upper forepeaks.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	Head		Stem	
	1st Bower	2nd	3rd	4th
	60.2.7 NS 2024 6.5.38	60.0.12 NS 2023 6.5.38	51.3.3 NS 2027 6.5.38	23.2.27 N.S. 2033 6.5.38
				24.0.2 NS 2032 6.5.38
				21.1.1 NS 2035 6.5.38

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge 79.9 ft., Forecastle 47.9 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 PHPR Extreme Breadth over Belting (Circ. 1611) ☒
No. and Material of Decks 3 dhs (shl) Over-all Length (Circ. 1703) 492.6'
Parts of Bottom of Vessel coated with cement or approved composition no
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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	h. 35-77	115.7	Fore peak tank,	h. 167-82	30.3
Double bottom, under Engines and Boilers,	h. 77-101	66.1	After peak tank,	h. 1-13	24.0
Double bottom, if under Engines only,			Deep tank, aft,	h. 58-76	49.6
Double bottom, if under Boilers only,			Deep tank, forward,	h. 101-119	49.6
Double bottom, forward,	h. 101-67	167.3	Other tanks, if fitted, later tanks above fore peak	30.3	209
Total length (if continuous) and Capacity	349.1	1465	(If necessary, furnish further information by sketch)	91.0	802

Order for Special Survey No. 122
Date 29-6-37
Dates of Surveys held while building
1937:- 19/10
1938:- 1/11 12/11 19/11 1/2 8/12 28/12
1939:- 3/1 6/1 18/1 25/1 10/2 1/2 20/2 24/2 28/2 7/3 14/3 22/3 30/3 1/4 21/4 25/4 28/4 2/5 1/5 9/5 12/5 16/5
19/5 23/5 31/5 2/6 9/6 20/6 22/6 26/6 29/6 30/6 1/7 3/7 4/7 6/7 10/7 1/8 2/8 4/8 10/8 13/8
21/8 28/8 25/8 2/9 6/9 8/9 9/9 12/9 14/9 15/9.
Total No. of Visits 59