

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 *22<sup>nd</sup> December 1926*Port of *Amsterdam*No. *10461<sup>a</sup>*Survey held at *Amsterdam*Date First Survey *30<sup>th</sup> December 1924* Last Survey *18<sup>th</sup> December 1926*On the *Steel Single Screw Motorship "PHOBOS"* Machinery *fitted aft*State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* State Type of Erections *At*TONNAGE under Tonnage Deck *6766.56*CLASS *100 A1*State if with freeboard as condition of Class *✓*Built at *Amsterdam*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓*Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 440*Launched *5<sup>th</sup> June 1926* Yard No. *181*Total *6766.56*Breadth (greatest moulded) *B 59*Builders *Nederlandsche Scheepsbouw Maatschappij*Gross Tonnage *7411.57*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 32.15*Owners *Nederlandsch Indische Tank- Stoomboot Maatschappij*Register Tonnage *4234.82*1st Longitudinal Number (L x D) *= 14410*Managers *✓*  
(Where necessary to be entered in Reg. Book.)2nd Numeral L x (B + D) *= 40310*Residence *Gravenhage*

REGISTERED DIMENSIONS. FEET.

Framing Depth "d," at middle of length. See Sec. 3 (1d) *13.43*Port of Registry *Gravenhage*Length *440.4*Proportions—Depth to Length—Uppermost continuous deck to top of keel *✓*

If surveyed while building, afloat, or in dry dock

Breadth *59.4*Do. Long Bridge to top of keel *✓**Building.*Depth *32.1*Draught Moulded *25' 4 1/2"*

## 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	<i>27 1/2</i>		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	<i>24</i>		" " Reversed Frame		
" " in peaks	<i>24</i>		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships	<i>51 1/2 .50</i>	
Frame Amidships, Angle, <i>E</i> or <i>F</i>	<i>8 1/2 3 1/2 .40</i>		" " top Angles <i>Double</i>	<i>3 1/2 3 1/2 .54</i>	
" " Extends up to	<i>DECK</i>		" " bottom Angles <i>Double</i>	<i>6 6 .50</i>	
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	<i>3 1/4</i>	
" " Extends up to			Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>74 1/2 20</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	<i>40 sides</i>	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>			" " Gussets, spacing and scantling abaft 1/2 len. from stem		
" " Third " " "			" " Gussets, spacing and scantling forward 1/2 len. from stem		
Framing in Peaks, Angle or <i>E</i>	<i>8 3 1/2 .46</i>		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>1/8" ; SP. 5 1/4</i>		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>AMIDSHIPS.</i>		Breadth and thickness of Middle Line Strake	<i>Thickness of</i>	
PLATING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Webframes in connection with stringers in accordance with the approved plans.</i>		Thickness of remainder in Holds	<i>plating .52.</i>	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Increased plating, heavy single frames etc in accordance with the approved plans.</i>		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	<i>under engines 1"</i>	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	<i>55 .48</i>		Uppermost Continuous Deck, amidships in Wells, Angle, <i>E</i> or <i>F</i>	<i>Longitudinal</i>	
Height of Brackets at side above base line at toe of frame	<i>Please see RPT 1A</i>		" " in way of Bridge, Angle, <i>E</i> or <i>F</i>	<i>Beams</i>	
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>3 1/2 3 1/2 .44</i>		Spacing	<i>4' 2' 8' 3' .42</i>	
" " Through Plate or Intercostal Plate	<i>55 .46</i>		Second Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" " Foundation Plate on Floors	<i>12 .60</i>		Spacing		
" " Flat Plate Keel Angles	<i>4 4 .50</i>		Third Deck, amidships, Angle, <i>E</i> or <i>F</i>		
Side Keelsons, No. each side			Spacing		
" " thickness of Intercostal Plate			Fourth Deck, amidships, Angle, <i>E</i> or <i>F</i>		
" " Angles			Spacing		
DOUBLE BOTTOM, under Engines			Poop Deck, Angle, <i>E</i> or <i>F</i>	<i>Longitudinal</i>	
Solid Floors, thickness and spacing	<i>48-38 1 1/2" apart</i>		Spacing	<i>Beams</i>	
" " Are Frame and Reversed Frame joggled?	<i>yes</i>		Bridge Deck, Angle, <i>E</i> or <i>F</i>	<i>6 1/2 3 2 40</i>	
Bracket Floors, breadth and thickness at middle line			Spacing	<i>2 1/2</i>	
" " breadth and thickness at margin plate			Forecastle Deck, Angle, <i>E</i> or <i>F</i>	<i>Longitudinal</i>	
			Spacing	<i>Beams</i>	



# 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.
<b>PILLARS</b> , No. of Rows.....	<i>One</i>		Stringer Plate, breadth and thickness in way of Bridge .....		
" <i>Forecastle as approved</i> in 'tween Decks, Size and Spacing.....	<i>3 3/4"</i>		Thickness of Plating abreast Deck openings in way of Wells .....		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge .....		
" in Holds " " <i>I</i> 10 8 <i>10/80</i>		<i>on every transverse</i>	Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness .....		
<i>"Long 6"</i> " " " "			<b>Third Deck.</b>		
<b>Centre Line Bulkhead.</b>			Stringer Plate, breadth and thickness.....		
Stiffeners and Spacing.....	<i>2 1/2" apart</i>		If Plated, state thickness.....		
Plating, thickness of .....	<i>42 and just this as approved</i>		<b>Fourth Deck.</b>		
<b>STRINGERS AND DECKS.</b>			Stringer Plate, breadth and thickness.....		
<b>Uppermost Continuous Deck.</b>			If Plated, state thickness .....		
Stringer Plate, breadth and thickness in Wells	<i>68 40</i>		<b>Poop Deck.</b>		
" " " " in way of Bridge	<i>68 40</i>		Stringer Plate, breadth and thickness .....	<i>31 40</i>	
" Angle in Wells .....	<i>6 6 58</i>		Plating, Sheathing, material and thickness ...	<i>40</i>	
Thickness of Plating abreast Deck openings in way of Wells .....	<i>58</i>		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>58</i>		Stringer Plate, breadth and thickness.....	<i>41 42</i>	
Thickness of Plating within line of openings...	<i>52</i>		Plating, Sheathing, material and thickness ...	<i>26 3 72</i>	
If Sheathed, material and thickness .....	<i>✓</i>		<b>Forecastle Deck.</b>		
<b>Second Deck.</b>			Stringer Plate, breadth and thickness .....	<i>31 36</i>	
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>		Plating, Sheathing, material and thickness ...	<i>26 3 72</i>	

# SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing or. to or.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL .....	<i>49</i>	<i>1.04</i>	<i>46</i>	<i>46</i>		<i>Double</i>	<i>1 3 1/2</i>	<i>5</i>	<i>1 1/8</i>	<i>4 1/2</i>	<i>Lapped</i>
" DBLG. (if any) <i>✓</i>											
BOTTOM PLATING, No. of Strakes ..... <i>4</i>	<i>68 1/2</i>	<i>.68</i>	<i>.50</i>	<i>.50</i>			<i>1 3 1/2</i>	<i>4</i>	<i>1</i>	<i>4</i>	
BILGE PLATING, No. of Strakes ..... <i>1</i>	<i>29</i>	<i>.68</i>	<i>.50</i>	<i>.50</i>			<i>1 3 1/2</i>	<i>4</i>	<i>1</i>	<i>4</i>	
SIDE PLATING, No. of Strakes ..... <i>3</i>	<i>84 1/2</i>	<i>.64</i>	<i>.46</i>	<i>.46</i>			<i>7/8 3</i>	<i>4</i>	<i>7/8</i>	<i>3 1/2</i>	
UPPER DECK, Sheer-strake in Wells.....	<i>51</i>	<i>1.12</i>	<i>.48</i>	<i>.48</i>			<i>1 1/8 3 1/2</i>	<i>5</i>	<i>1 1/8</i>	<i>4 1/2</i>	
UPPER DECK, Sheer-strake in Bridge ...											
STRAKE BELOW Sheer-strake in Wells.....	<i>63</i>	<i>.85</i>	<i>.48</i>	<i>.48</i>			<i>1 3 1/2</i>	<i>4</i>	<i>1</i>	<i>4</i>	
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....				<i>.40</i>		<i>Single</i>	<i>3/4 3</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	
BRIDGE SIDE PLATING ...		<i>.50</i>				<i>Double</i>	<i>7/8 3 1/2</i>	<i>2</i>	<i>7/8</i>	<i>3 1/8</i>	
FORECASTLE SIDE PLATING			<i>.42</i>			<i>Single</i>	<i>3/4 3</i>	<i>2</i>	<i>3/4</i>	<i>2 5/8</i>	

# WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>					
Extending to Upper Deck (Sec. 3 c) .....	<i>14</i>				
" Deck next below .....	<i>1</i>				
As per Rule .....					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D</b> , Upper tween decks					
" " Second "					
" " Third "					
" " Holds .....	<i>.44</i>	<i>2 8 x 3</i>	<i>30</i>	<i>Plating as approved</i>	
<b>COLLISION</b> " (in Hold) .....	<i>.50</i>	<i>2 7 x 3</i>	<i>24</i>	<i>3 semi box beams</i>	
<b>AFTER PEAK</b> " " .....	<i>.46</i>	<i>2 10 x 3</i>	<i>24</i>	<i>1 semi box beam</i>	

# FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				<i>Flat keel plate</i>
<b>STEM</b> .....				<i>Roller bar 10 1/2 x 2 1/8 sections of Dilling</i>
<b>STERN FRAME</b>	Propeller Post .....	<i>forging 10 1/2 x 8 1/2</i>	<i>Overbeek</i>	
	Rudder " .....	<i>do 9 x 8 1/2</i>	<i>Hobbs</i>	
<b>RUDDER—A x D</b> .....	<i>10 1/2</i>			
<b>Speed of Vessel</b> <i>12 1/2</i> .....				
<b>RUDDER</b> mainpiece at head .....	<i>forging 13 1/2</i>	<i>Distman</i>		
" " heel .....	<i>10 1/4</i>	<i>Union</i>		
" how constructed .....	<i>as approved</i>			
" double or single plate coupling, vertical or horizontal .....	<i>single 1.10</i>			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

*Dorman Long & Co Ltd. David Colville & Sons Ltd. The North Durham Steel & Iron Co Ltd*

Has the Steel been tested as required by the Rules? *Yes.*

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Lloyd's Register Foundation



41958

EQUIPMENT No.										LETTER	ANCHORS.				
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
29382	1st Bower ...	80	-	-	-	-	-	58	10	0	0	42 <sup>5</sup>	Byers Improved	✓	Lunderland; 30 <sup>th</sup> March 1926 J. H. Butler
29381	2nd „ ...	69	-	-	-	-	-	53	5	0	0	42 <sup>5</sup>	do	✓	
29379	3rd „ ...	65	2	7	-	-	-	51	7	2	0	62	do	✓	
	Collective weight.	214	2	7	-	-	-	-	-	-	-	20 <sup>1</sup> / <sub>2</sub>			
16520	Stream .....	21	0	14	5	1	14	21 <sup>1</sup> / <sub>2</sub>	-	-	-	20 <sup>1</sup> / <sub>2</sub>	Rodgers	Taylor & Son Ltd.	Cardiff; 29 <sup>th</sup> March 1926 A. Jones

CHAIN CABLES.										HAWSERS AND WARPS.					
Number of Certificate.	Length and size supplied.	Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.	Breaking Test of Steel Wire.
	Length. Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.			Length.	Diam.					Length. Cir.	Length. Cir.
	Fathoms. Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.			Fathoms. Ins.						Fathoms. Ins.	Fathoms. Ins.
29243	300 1 1/2	112 1/2	152 1/2	941-0-0	940			300 1 1/8	1 1/8	Lead	J. Taylor & Son Ltd.	Cardiff 29 <sup>th</sup> November '25 A. Jones.	TOWLINE	130 5 1/2	81 1/2
													HAWSERS & WARPS	100 2 3/4	15 1/2
													"	100 2 3/4	15 1/2
													"	100 8	100 8
													"	100 8	100 8
16520	120 5		59					120 5							

Steering Gear, *Electric* *J. Hastie & Co. Ltd.* Steering Gear, Hand *yes*

Boats *4 life boats* Steering Chains, Size and Test *✓* Windlass *Iron Steam patent*

Ceiling in Holds, thickness and material *✓* Cargo Battens, thickness, material and spacing *✓*

Cargo Hatchways.—(Upper Deck) *2 coamings: 10" x 3 1/2" x .50"* Thickness of Hatches *Steel covers .50"*  
*6'0" x 4'0" for all hatchways.*

Size of No. 1 Hatchway (Forward) *No. 2 No. 3 No. 4 No. 5 No. 6*

Number of Shifting Beams and/or Fore and Afters *✓*

NEDERLANDSCHE SCHEEPSBOUW-MAATSCHAPPIJ

Builder's Signature *R. W. M. M. M.*

GENERAL DECLARATION *The workmanship was found good and the vessel has been built in accordance with the approved plans, Secretary's letters and in general conformity with the Society's Rules.*

*All cargo tanks, peak tanks, double bottom tanks, oil tank and cofferdams have been tested as required and found tight.*

*Copies of the approved plans are being retained in London Office for reference.*

*Trueboard marking verified and good.*

*Freeboard fee* *168*

The amount of Entry Fee *£120.-* Fees applied for, *19*

Special Survey Fee *£6935.-* Received by me, *HP*

Travelling Expenses, if any *£32.50* *10/1/1927* *22/2/27*

I am of opinion the Vessel should be Classed *+100A1*  
*"Carrying petroleum in bulk"*  
*"Longitudinal framing at bottom and at decks"*

State whether the Vessel has been built under Special Survey *yes* Signature *J. C. C. C. C.*  
*Surveyor to Lloyd's Register of Shipping.*

Certificate to be sent to *Surveyors Amsterdam* Date of issue *4/1/27*  
*via Rotterdam*

Committee's Minute *TUES. 4 JAN 1927*

Character assigned *100 A1 Carrying Petroleum in Bulk.*

*Lloyd's A.C.P. + L.M.C. 12.26 CR*  
*Oil Engines 2 & B.*

W1056-0190 2/3



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.)

2 Side keelsons in Deep Tank:  
intercostal plate .44  
shell bar 4 6x6x.44  
top angle 4 6x6x.44  
riders 18"x.46

2nd Deck aft: beams on every frame 2 9 1/2"x3 1/2"x.46"  
Springer plate 3 7/8"x.48/44  
deck plating .36/34

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

1st Bower Weight of head: 46-0-21; KH 3132; 23<sup>rd</sup> February 1926  
2nd " " " " : 40-2-26; KH 3244; "  
3rd " " " " : 36-3-16; KH 3245; "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 98 1/2 ft., R.Q.D. " ft., Bridge 34 ft., Forecastle 58 1/4 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated no.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One Steel deck.

Official No. ; Signal Letters

Is bottom of Vessel coated with cement yes if not give

particulars of composition ✓

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	21	180
Double bottom, under Engines and Boilers,			After peak tank,	14	66
Double bottom, if under Engines only,	69	320	Deep tank, aft,	31.5	280
Double bottom, if under Boilers only,			Deep tank, forward,	18	56
Double bottom, forward,			Other tanks, if fitted <u>F.W. Tank in Poop</u> (If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 120

Date 29-11-24.

Dates of Surveys held while building

1924: 30/12. 1925: 6-14-25/1; 17-20-24/5; 6-15-31-24/4; 5-15-22-24/5  
4-13/6; 22-27/7; 11-14/8; 2-4-25/9; 6-17-24-28/10; 9-16-25/11;  
1926: 27-29/1; 3-10-15-18-23-24/2; 3-4-6-11-17-22-25-31/3; 1-8-16/4  
22-28-29/4; 3-5-6-26-31/5; 4-14/6; 1-9/7; 19/8; 28/9; 15-21/10;  
3-19/11; 6-17-18/12

Total No. of Visits 43.



## PARTICULARS OF LONGITUDINAL FRAMING.

Amsterdam Report 10461. a.

Pinets  $4\frac{1}{2}$ " apart in foremost bank  
and for 9 riv. each side of  
Blkds and transverses.

[15" x 4" x .4462" in all tanks. 1/8 5/16  
finers fitted; 9 1/2" apart.

Transverse  $5' 12 \times 4 \times .54$  ones parts  
Beams.  $50 \times 46 \times 10 \times 3/4 \times .56$  22 bps.  
 $30 \times 44 \times 5 \times 3/4 \times .46$   
 $5' 12 \times 3/4 \times .85$  1.50

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

W1056 - 0190 3/2

Total cubic capacity 1848 cub feet. Internal diameter 163 thickness

## Rules