

Date of writing Report 5-9-40 When handed in at Local office 1940 Port of Amsterdam

No. in Reg. Book. *Survey held at Rotterdam* Date, First Survey *17-4* Last Survey *27-8* 1940  
(No. of Visits *28*)

31327 ~~31611~~ on the Wood, Iron or Steel

TONNAGE:—

GROSS 171

UNDER DK. *6/8*

NET ..... 45.

Built at Amsterdam, By whom Robert. Schuch. & Co. When 1926 12.

Owners *Nedert Indische Land. H. Owners' Address*

Managers *Port belonging to the Hague*

Surveyed ~~Afloat or~~ in Dry Dock? ☒ Name of Dock *A. dock.* Destined Voyage

<i>WB=CellDBorDBa</i>	<i>feet;</i>	<i>uE&amp;B</i>	<i>feet;</i>	<i>f</i>	<i>feet</i>	<b>Particulars of Classification</b> ( <i>which must be inserted precisely as in Register Book &amp; Supplements</i> )
<i>total capacity tons. FPT</i>	<i>tons; APT</i>	<i>tons; MT</i>	<i>feet</i>	<i>tons.</i>		

N.B.—All alterations in the existing records should be underlined.

*Last Report, No. 108558 Port Lou.*

(Periodical Surveys, when held, must be reported in detail and serialim in the terms of the Rules and items remaining to complete the Surveys should be summarised. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined yes to turner

report attached; Certificate B1 attached.

Was a damage report made by anyone else? If so, by whom? unknown

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Survey of Damage Repairs* -

The vessel is reported to have sustained damages through striking a magnetic mine on the 20<sup>th</sup> of March 1940 on a voyage from the Downs to Rotterdam.

The vessel has been placed in drydock, bottom and rudder cleaned and examined and the following repairs in way of No. 4-7 centre and wing cargo tanks carried out:

C shake start plates 9 and 10 - renewed; plates 8 and 11 unmovd faird and replaced;

D shake <sup>stake</sup> plates 8, 9, 10 and 11 - renewed; plate 2 - fixed in place;

E shake slat: plates 7, 8 and 9 - renewed; plate 10 - removed, paired and replaced;

F stake started plates 16, 17, 18, 19 and 20 - unruled; plate 21 - remover failed and replaced;

Q stake slat: plates 10, 11, 12 and 13 - unnewed;

Please see continuation sheet.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Lower Bottom Plates. <i>stringers</i>	Dk. Plates.	Other Items:— <i>42 stringers; 22 bulkhead plates, 2 cork bottom plates; 180 brackets</i>
Renewed ... ..	<i>28</i>	<i>43</i>		<i>9</i>	<i>45</i>	<i>9</i>	<i>4</i>	<i>54 stringers, 8 bulkhead plates, 95 brackets</i>
Removed and Paired or Repaired ... ..	<i>6</i>	<i>8</i>		<i>2</i>	<i>11</i>	<i>9</i>	<i>2</i>	<i>6 stringers, 6 bulkhead plates</i>
Paired or Repaired in place ... ..	<i>5</i>	<i>2</i>		<i>4</i>				

PRESENT CONDITION OF THE

Deck	good	State if Tanks have been examined inside	examined	Air and Sounding Pipes	not in	Copper, or Y.M. of Wood Vessels	not in
Caulking of Decks	good	State if Tanks now tested	examined	Dblg. Plates under Sounding Pipes	good	(State if on Felt.)	not in
Coamings	good	Bulkheads	examined	Engine Room Skylights	good	When put on, Month	Year
Beams & Fastenings	good	Ceiling	good	Coal Bunkers, Open'gs, Lids, &c.	good	Boats	good
Outside Plating	good	Cement or Asphalt	good	Oil Bunkers	good	Masts, Yards, &c.	good
" " in way of sidelights	not in	(State which.)	good	Scuppers	good	Condition, how ascertained	examined
Breasthooks	good	Rudder	good	Cargo Hatchways	good	(State if wedges removed)	not fitted
Transoms	not in	Steering gear and its connections	good	Hatches	good	Sails	good
Frames	in way repairs	Windlass	good	Planking	good	Equipment letter	good
Reverse Frames	good	Have pumps now been examined and found efficient?	not in	Caulking	ditto	Anchors, No. of	complete
Longitudinals	good	Have Sluice Valves now been examined and found efficient?	good	Treenails	ditto	Chain Locker	not in
Transverses	good	Have Watertight Doors now been examined and found efficient?	not in	Breasthooks & Stemson	ditto	Cables (State if now ranged)	no
Floors	good	Have Ventilators and their Coamings been examined and found efficient?	yes	Transoms Pointers, & Crutches	ditto	" length	mean diamr.
Keelsons	good			Timbers of Frame at openings	ditto	(on board)	
Stringers	good			Ditto Ditto at other places	ditto	" Rule length	size
Inner Bottom Plating	not in			Stringers, Clamps & Sheffs	ditto	Hawser & Warps	sufficient
				Salting	ditto	Standing and Running Rigging	not in
				(State if examined.)			

*General Observations, Opinion as to Class, Recommendation, &c.:*—

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:— ".....to remain as now classed in the Register Book *without fresh record of Survey*," "to remain as classed and to have record of survey, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24.

The vessel is in a good and efficient condition and she is eligible in our opinion to be continued as classed with fresh record of survey 8-40

Survey Fee (per Section 29) .....	£	:	:
Special Damage or Repair Fee (if any)..... (per Sec. 29)	£	980.00	
Travelling Expenses (if chargeable) .....	£	38.00	
Second Surveyor's Fee (if any) .....	£	:	:

Fees applied for, 26.8 1944  
Received by me, \_\_\_\_\_ 19\_\_\_\_

Committee's Minute

*Character Assigned*

TUES. 23 OCT 1945

No action

Surveyor to Lloyd's Register of Shipping

W1056-0184 1/4



M. V. "PHOBOS"

H stake start<sup>s</sup> plates 11, 12 and 13 renewed; plate 14 removed fair<sup>d</sup> and replaced.

J stake start<sup>s</sup> plates 13, 14 and 15 - renewed;

K stake start<sup>s</sup> plates 13 and 14 - renewed; plate 15 - fair<sup>d</sup> in place;

L stake start<sup>s</sup> plate 15 - renewed; plate 16 - removed fair<sup>d</sup> and replaced;

keel and bulkhead start<sup>s</sup> bilge keel in way repairs - renewed;

G stake port plates 10, 11 and 12 - fair<sup>d</sup> in place;

H stake port plate 11 cropped and partly renewed;

In way of the above is No. 4 wing tank starboard.

Lower and second stringer on forward transverse bulkhead - removed fair<sup>d</sup> & replaced;

keels on this bulkhead - renewed; 4 brackets of longitudinal frames to bulkhead - removed fair<sup>d</sup> & replaced.

No. 5 wing tank starboard:

14 side frames (No. 118 - 132) with bilge brackets and brackets to deck - renewed;

upper, 2<sup>nd</sup> and lower stringers with all angle and keel connections and brackets - renewed;

9 panting beams on these stringers with brackets - renewed; 3 bottom transverses (No. 121;

125 & 129) with brackets and all connections renewed; 6 longitudinal frames with brackets

to transverse bulkheads and legs to transverses renewed; 7 longitudinal beams and

brackets to transv. bulkhead 133 - renewed; No. 121 & 125 web beams with brackets removed

fair<sup>d</sup> and replaced; No. 129 web beam with brackets renewed;

Transverse bulkhead 117 - stiffeners below lower stringer and brackets - fair<sup>d</sup> in place;

1 plate of this bulkhead renewed; boundary bar at shell and bottom - renewed;

No. 6 wing tank start<sup>s</sup>:

14 side frames (No. 134 - 148) with bilge brackets and brackets to deck - renewed;

Transverse bulkhead 133 with all stiffeners, boundary bars, brackets & keel connections renewed;

Transverse bulkhead 149 with all stiffeners, boundary bars, brackets & keel connections renewed;

upper, 2<sup>nd</sup> and lower stringers with all angle and keel connections and brackets - renewed;

9 panting beams on these stringers with brackets - renewed; 3 bottom transverses (No. 137, 141

and 145) with brackets and all connections renewed; 6 longitudinal frames with

brackets to transv. bulkheads and legs to transverses renewed; 7 longitudinal deckbeams

and brackets to transv. bulkheads 133 and 149 - renewed; 3 webbeams (No. 137, 141 & 145)

with brackets renewed;

No. 7 wing tank start<sup>s</sup>:

3 side frames renewed; bilge brackets of same - removed fair<sup>d</sup> and replaced;

5 side frames with bilge brackets - removed fair<sup>d</sup> and replaced; 2 side frames - fair<sup>d</sup> in place

upper, 2<sup>nd</sup> and lower stringers on shell and longitudinal bulkhead removed fair<sup>d</sup> & replaced.

Lower stringer on transv. bulkhead 149 with all brackets and keel connections - renewed

4 stringer brackets to transv. bulkhead renewed; 2 bottom transverses (No. 153 & 157) with brackets

and all connections - removed fair<sup>d</sup> and replaced; 6 panting beams - removed fair<sup>d</sup>

and replaced; brackets for same with keel connections to long. bulkhead - renewed;

3 panting beams of upper stringer with brackets - removed, fair<sup>d</sup> & replaced;

keels of bottom transverses to long. bulkhead - removed, fair<sup>d</sup> and replaced;

No. 5 Centre tank:

3 bracket stringers to start<sup>s</sup> long. bulkhead - removed fair<sup>d</sup> and replaced;

Centre keelson from No. 129 to 133 frames, brackets to C. K & transverse bulkhead 133 and

brackets to C. K and bottom - removed, fair<sup>d</sup> and replaced.



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## No 5 centre tank:

Transv. Bulkhead 133: 2 plates on starboard side and boundary bar renewed; 3 stringers removed fairied & replaced and brackets to long. bulkhd. renewed;

1 bottom transverse (No. 121) and face bar - fairied in place; brackets to longitudinal bulkhd. removed fairied and replaced;

2 bottom transverse (No. 125 & 129) partly renewed;

Starboard longitudinal bulkhead: 4 plates - renewed; 1 plate - removed fairied & replaced;

connecting angles of long bulkhd to bottom and deck - renewed; 13 stiffeners - renewed;

1 stiffener - removed fairied and replaced; brackets with lugs to stiffeners and bottom and deck - renewed; all keelbar connections on long. bulkhead - renewed;

Port longitudinal bulkhead: 14 stiffeners with bottom brackets - removed fairied & replaced;

6 bracket stringers to long. bulkhead - removed fairied & replaced;

## No 6 centre tank:

Centre keelson from No. 133-137 frames - renewed; brackets to CK and transv. bulkhd 133 and brackets to CK and bottom removed fairied and replaced;

Transverse bulkhd 133: 3 stiffeners - renewed; 3 stiffeners & brackets - removed fairied & replaced.

1 bottom transverse (No. 137) partly renewed, 2 bottom transverses (No. 141 & 145) fairied in place;

2 face bars on bottom transverses - removed fairied - replaced; 4 face bars - fairied in place;

3 brackets to bottom transverses and starboard long. bulkhd. - renewed;

3 long bottom frames with brackets removed fairied and replaced;

Starboard longitudinal bulkhead: 4 plates renewed; 2 plates removed fairied and replaced;

12 stiffeners renewed; 4 stiffeners - removed fairied & replaced; connecting angles of long.

bulkhd to bottom and deck and vertical corner angles - renewed; all keelbar connections on longitudinal bulkhd - renewed; 6 br. brackets - removed fairied & replaced.

Port longitudinal bulkhead: 16 stiffeners with bottom brackets & 6 br. brackets - removed fairied & replaced;

## No 7 centre tank:

Transv. bulkhead 165: 10 keelbars to long bottom frame brackets renewed; 10 frame brackets removed, fairied and replaced; 4 stringer brackets - removed fairied and replaced;

Starboard long. bulkhd. 9 stiffeners with bottom brackets - removed fairied and replaced;

1 bulkhd plate - part renewed; 2 bulkhd plates - removed fairied & replaced, 2 bulkhd plates -

fairied in place; 3 brackets to long. bulkhd and stringers - removed fairied & replaced;

Port long. bulkhd - 3 stiffeners and bottom brackets - removed fairied & replaced; vertical corner angles cropped and partly renewed; keelbars and brackets repaired as required.

## No 5 wing tank port:

Upper stringer to long bulkhd and keelbar connections - renewed; 3 panting beams with brackets - renewed; lower stringer - removed fairied and replaced; one bottom transverse - fairied in place; bracket to bottom transverse and long bulkhd - removed fairied and replaced.

## No 6 wing tank port:

Upper stringer to long. bulkhd and keelbar connections - renewed; 3 panting beams with brackets - renewed; 3 keelbars to long bottom frame bracket - renewed; 1 bulkhd plate of No. 133 bulkhd - fairied in place.

## No 7 wing tank port:

Stringers partly renewed; 3 panting beams with brackets - renewed; Bulkhd No. 149

7 stiffeners and 5 brackets & bracket lugs - removed fairied & replaced; 3 brackets - renewed;

3 bulkhd plates - fairied in place; 2 br. stringer brackets - renewed;

Please see cont. sheet 3.-



M. V. "PHOBOS"

Forward Cofferdam - 3 hr. stiffening plates - removed fairied and replaced.

Deckplating started:-

1 stringer plate - renewed; 2 plates in 2<sup>nd</sup> stake - renewed; 1 plate in 3<sup>rd</sup> stake - renewed;

2 plates in 3<sup>rd</sup> stake - removed fairied & replaced; 5 bulwark stanchions - removed fairied and replaced; Tank hatches No. 5 & 6 started wing tanks - removed & replaced;

1 tank lid - renewed; 1 length stringer angle - removed fairied and replaced;

bulwark plating and rail - removed fairied and replaced;

Windlass overhauled and made in good working order;

A number of started units in shellplating in way forepeak tank, deep tanks and cargo tanks renewed, and caulking of seams and butts overhauled;

Upon completion of repairs: forepeak tank, deep tanks, forward cofferdam

and Nos. 7, 6, 5 and 4 centre tanks and started and port wing tanks filled to top of hatch and all parts found sound and tight.

Bottom and rudder and all renewed and repaired parts recased;

3 lifeboats renewed and a number of minor repairs carried out all fore and aft.

Done