

STEEL STEAMER or MOTORSHIP.

2 - NOV 1926

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*

Date of completion of report

28th October 1926

Port of

Rotterdam

No. 15761

Survey held at

Schiedam

Date First Survey

18 Jan. 1926

Last Survey

25 October 1926

On the

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

Single screw Steamer "KIAN SWAN" (machinery made in Japan)

State Type

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

Full Scantling

State Type of Erections

Poop Bridge & Turret

TONNAGE under

Tonnage Deck

1279.42

CLASS

+100 A1

State if with freeboard as condition of Class

no

Built at

Schiedam

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

1/2

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

L 264

Breadth (greatest moulded)

B 37

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

D 18.5

Total

Gross Tonnage

1594

Register Tonnage

941.43

1st Longitudinal Number (L x D)

= 4884

2nd Numeral L x (B + D)

= 14652

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

15.69

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

14.27

Do. Long Bridge to top of keel

Draught Moulded

(16.5)

Launched 14 August 1926 Yard No. 311

Builders Messrs. Wilton's Eng. & Shipway Co. Ltd.

Owners Heap. Eng. Mch. Steamship Co. Ltd.

Managers

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

Residence Singapore.

Port of Registry Singapore.

If surveyed while building, afloat, or in dry dock

whilst 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	23 5/8		Bracket Floors, Frame	6 2 3/4 .32	5 1/2 x 3 x .38
" " from 1/2 length to Collision bulkhead	23 5/8		" " Reversed Frame	6 2 3/4 .32	5 x 3 x .38
" " in peaks	23 5/8		" " Vertical Struts	6 2 3/4 .32	5 x 3 x .38
SIDE FRAMING.			Centre Girder, depth and thickness amidships	33 1/2 x .44	
Frame Amidships, Angle \angle or \square	7 3 37		" " top Angles	double 3 3 .40	
" " Extends up to	Bridge deck at alternate frame		" " bottom Angles	double 3 1/2 3 1/2 .44	
Reversed Frame Amidships, Angle	all bulb		Side Girders, No. each side and thickness	one .32	
" " Extends up to	angle		Margin Plate depth (excl. of flange) and thickness	28 x .38	
Depth of Framing Girder	frames		" " Vertical Angle to Tank side	3 3 .32	
Frames in Uppermost Continuous 'tween Decks, Angle \angle or \square	\angle		" " Bracket abaft 1/2 len. from stem	3 3 .32	
" " Second 'tween Decks, Angle \angle or \square	\angle		" " Vertical Angle to Tank side	3 3 .32	double
" " Third " " " "	\angle		" " Bracket forward 1/2 len. from stem	3 3 .32	
Framing in Peaks, Angle \angle or \square	6 3 .46	5 x 3 x .44	" " Gussets, spacing and scantling abaft 1/2 len. from stem	no gussets	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 spaced 4 1/2" = 5"		" " Gussets, spacing and scantling forward 1/2 len. from stem	\angle	
State if Frame Joggled	no		Tank Side Brackets, height above base line at toe of Frame and thickness	39 "	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	deep frame arrangement 6 1/2 x 3 1/2 x .50 side stringers fitted at 6" apart as approved		INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	double bottom frames and additional intercostal girders fitted one half the depth of the floor as approved		Breadth and thickness of Middle Line Strake	44 x .38 / 34	
SINGLE BOTTOM.			Thickness of remainder in Holds	34 - 32	
Floors, Depth and thickness at mid-line in Holds	\angle		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?	yes	
Height of Brackets at side above base line at toe of frame	\angle		BEAMS.		
Middle Line Keelson, on Floors, Angles, \angle or \square	\angle		Uppermost Continuous Deck, amidships	7 3 34	
" " Through Plate or Intercostal Plate	\angle		" " in Wells, Angle \angle or \square	\angle	
" " Foundation Plate on Floors	\angle		" " in way of Bridge, Angle \angle or \square	6 3 34	
" " Flat Plate Keel Angles	\angle		Spacing	23 5/8	
Side Keelsons, No. each side	\angle		Second Deck, amidships, Angle \angle or \square	\angle	
" " thickness of Intercostal Plate	\angle		Spacing		
" " Angles	\angle		Third Deck, amidships, Angle \angle or \square	\angle	
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	.32 every 3 rd frame		Fourth Deck, amidships, Angle \angle or \square	\angle	
" " Are Frame and Reversed Frame joggled?	no and as per plan		Spacing		
Bracket Floors, breadth and thickness at middle line	26" x .32		Poop Deck, Angle \angle or \square	6 2 3/4 .32	
" " breadth and thickness at margin plate	25" x .32		Spacing	47 1/4	
			Bridge Deck, Angle \angle or \square	6 1/4 2 3/4 .38	in way of Saloon
			Spacing	5 1/4 3 .38	of engine room casing
			Forecastle Deck, Angle \angle or \square	6 2 3/4 .32	
			Spacing	23 5/8	

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.....	<i>one</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>3 3/4 and</i>			Thickness of Plating within line of openings...	✓		
„ „ „ „ „	<i>as approved at alternate beam</i>			If Sheathed, material and thickness	✓		
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....	✓			Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of	✓			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>56 x .54</i>		✓	If Plated, state thickness	✓		
„ „ „ „ in way of Bridge	<i>56 x .42</i>		✓	Poop Deck.			
„ Angle in Wells	<i>5 x 5 x 54</i>		✓	Stringer Plate, breadth and thickness	<i>30 x .30</i>		
Thickness of Plating abreast Deck openings in way of Wells	<i>.38</i>		<i>replated with 1/2\"</i>	Plating, Sheathing, material and thickness	<i>.30 teak 2 1/2\"</i>		
Thickness of Plating abreast Deck openings in way of Bridge	<i>.38</i>		✓	Bridge Deck.			
Thickness of Plating within line of openings...	<i>.38</i>		✓	Stringer Plate, breadth and thickness.....	<i>44 x .38</i>		
If Sheathed, material and thickness	<i>teak 2 1/2\"</i>		✓	Plating, Sheathing, material and thickness	<i>.34 teak 2 1/2\"</i>		
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...	✓		✓	Stringer Plate, breadth and thickness.....	<i>30 x .30</i>		
				Plating, Sheathing, material and thickness	<i>.26 teak 2 1/2\"</i>		

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		No. of Rows of Rivets.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.			
FLAT PLATE KEEL	<i>43</i>	<i>.54</i>	<i>.50</i>	<i>.50</i>	✓	<i>double</i>	<i>7/8</i>	<i>3/8</i>	<i>three</i>	<i>7/8</i>	<i>Lapped</i>
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes <i>3</i>	<i>67</i>	<i>.44</i>	<i>.44</i>	<i>.38</i>	✓	<i>double</i>	<i>3/4</i>	<i>3</i>	<i>three</i>	<i>3/4</i>	<i>2 5/8</i>
BILGE PLATING, No. of Strakes <i>1</i>	<i>63</i>	<i>.44</i>	<i>.38</i>	<i>.38</i>	✓	<i>upper edge single</i>	<i>3/4</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>
SIDE PLATING, No. of Strakes <i>2</i>	<i>66</i>	<i>.44</i>	<i>.38</i>	<i>.38</i>	✓	<i>single</i>	<i>3/4</i>	<i>3</i>	<i>"</i>	<i>"</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells.....	<i>47</i>	<i>.60</i>	<i>.38</i>	<i>.38</i>	✓	<i>single</i>	<i>7/8</i>	<i>3 3/8</i>	<i>four</i>	<i>7/8</i>	<i>3 1/2</i>
UPPER DECK, Sheer-strake in Bridge ...	<i>47</i>	<i>.44</i>			✓	<i>single</i>	<i>3/4</i>	<i>3</i>	<i>four</i>	<i>3/4</i>	<i>3 3/8</i>
STRAKE BELOW Sheer-strake in Wells.....	<i>66</i>	<i>.56</i>	<i>.38</i>	<i>.38</i>	✓	<i>single</i>	<i>3/4</i>	<i>3</i>	<i>three</i>	<i>3/4</i>	<i>2 5/8</i>
STRAKE BELOW Sheer-strake in Bridge ...	<i>66</i>	<i>.44</i>			✓	<i>single</i>	<i>3/4</i>	<i>3</i>	<i>three</i>	<i>3/4</i>	<i>2 5/8</i>
POOP SIDE PLATING			<i>.30</i>		✓	<i>single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>one</i>	<i>5/8</i>	<i>2 1/4</i>
BRIDGE SIDE PLATING ...		<i>.42</i>			✓	<i>single</i>	<i>3/4</i>	<i>3</i>	<i>two</i>	<i>3/4</i>	<i>2 5/8</i>
FORECASTLE SIDE PLATING			<i>.32</i>		✓	<i>single</i>	<i>5/8</i>	<i>2 1/2</i>	<i>one</i>	<i>5/8</i>	<i>2 1/4</i>

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c).....	<i>four</i>
„ Deck next below	<i>✓</i>
As per Rule.....	<i>four</i>

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	✓				
„ „ Second „	✓				
„ „ „ „ „	✓				
„ „ „ „ „	✓				
„ „ „ „ „	✓				
COLLISION „ (in Hold)		<i>42-26</i>	<i>8 x 3 x .406</i>	<i>below peak</i>	<i>24</i>
AFTER PEAK „ „		<i>54-30</i>	<i>7 x 3 x .385</i>		<i>24</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		<i>flat plate keel</i>	<i>August Thyssen Hütte</i>	
STEM	<i>forged</i>	<i>4 1/2 x 2</i>	<i>Gewerk Schaft</i>	
STERN FRAME { Propeller Post	<i>(see letter)</i>	<i>7 1/8 x 5 1/2</i>	<i>Willsons Eng. & Shipway Co.</i>	
{ Rudder „	<i>"</i>	<i>6 3/4 x 5 1/2</i>	<i>"</i>	
RUDDER—A x D.....		<i>25 1/2</i>	<i>"</i>	
Speed of Vessel.....		<i>10 1/2</i>		
RUDDER mainpiece at head ...	<i>forged</i>	<i>7 1/2</i>	<i>Willsons Eng. & Shipway Co.</i>	
„ „ „ heel ...	<i>"</i>	<i>5 1/2</i>	<i>"</i>	
„ „ how constructed		<i>arms & trunked</i>		
„ „ double or single plate		<i>single plate 1.03</i>		
„ „ coupling, vertical or horizontal.....		<i>horizontal.</i>		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)..... <i>Phoenix Aktien-Gesellschaft, Gutehoffnungshütte, August Thyssen-Hütte, Eisenwerk Krafft, Abteiling Nieder-Rheinische Hütte, Hammerman-eisenwerke</i> Has the Steel been tested as required by the Rules? <i>yes.</i>
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EQUIPMENT No. 15538

LETTER

9

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.				
41920	1st Bower ...	32	0	6	stockless			30	2	2	0	33-0-0	Barbannic (Cast Steel Head)	P. Sykes & Son	Bradley Heath 16-1926
41930	2nd ,, ...	31	2	21	stockless			29	18	3	0		" " " "	" " " "	" " " " 23/6-1926
41922	3rd ,, ...	31	0	14	stockless			29	9	1	14		" " " "	" " " "	" " " " 23/6-1926
	Collective weight	94	3	13								94-0-0			
406	Stream	8	3	0	2	0	22	10	14	2	0	8-2-0	Common Stock	Kom. Nid. Geof. Smeedley	Leiden 28-6-26 C. P. Loder

CHAIN CABLES.

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 and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
852	240	1 1/16	514	714	375-2-11	344 3/4		240	1 1/16	stud cable	Kom. Nid. Geof. Smeedley	Leiden 14-9-26 H. Buegloffes	TOWLINE...					
Iron Stream Chain or Steel Wire	90	4		33					75	4			HAWERS & WARPS	90	4	33	90	3 1/2
														2x90	2 1/2	12 1/2	2x90	2 1/4
														2x90	2 1/2	12 1/2	2x90	1 3/4

HAWERS AND WARPS.

Steering Gear, Steam

yes

Steering Gear, Hand

yes

Boats

4 Life Boats

Steering Chains, Size and Test

1 3/16 test 16 9/16 - 33 9/16 Windlass Iron steam patent

Ceiling in Holds, thickness and material

fine 2 1/2"

Cargo Battens, thickness, material and spacing

6 x 1 3/4 spaced 9"

Cargo Hatchways.-(Upper Deck)

Steel & angle bar

Thickness of Hatches

2 1/2" pitch fine

Size of No. 1 Hatchway (Forward)

15'-9"x14'-0" No. 2 19'-8 1/4"x14'-0" No. 3 19'-8 1/4"x14'-0" No. 4 15'-9"x14'-0" No. 5

No. 6

Number of Shifting Beams and/or Fore and Afters

N° 1 & 4 hatchway 2, N° 2 & 3 hatchway 3

WILTON'S ENGINEERING & SLIPWAY CO.

Builder's Signature

J. J. Hilton

GENERAL DECLARATION

The workmanship was found good and the vessel has been built to the approved plans, Copies of which are being retained in the London Office for record, in agreement with the instructions contained in Letters dated M 5-3-26 and M 28-1-26 respecting this case, and in general conformity with the Society's Rules.

Rotterdam Letters, 13-1-26, 20-1-26, 4-2-26, 28-4-26, 22-5-26

Fore and afterpeak tanks, and all double bottom tanks tested with a head of water as required by the Rules and found sound & tight.

Decks, all bulkheads, Tunnel, tunnel recess & watertight doors tested by hose and found tight.

Treeboard verified, and marks cut in vessel's side.

Treeboard fee £ 72.00

The amount of Entry Fee £ 60.00 :

Fees applied for,

1/11 1926

Special Survey Fee £ 1860.00 :

Received by me,

8. 11. 26

Travelling Expenses, if any £ 55.00 :

I am of opinion the Vessel should be Classed + 100 A1

State whether the Vessel has been built under Special Survey

yes

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Rotterdam Surveyor

Date of issue

9/11/26

Committee's Minute

TUES. 9 NOV 1926

Character assigned

100 A1

Lloyd's Ass. P.

+ LMC 10 26 C.L.

Mike R

Mh



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Lloyd's Register Foundation

W1233-0025 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 List of the Plans should be embodied.)

PILL

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Sec
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FLAT P

BOTTOM
of St

BILGE I
Stral

SIDE P
Stral

UPPER
strak

UPPER
strak

STRAKE
strak

STRAKE
strak

POOP SID

BRIDGE S

FOREC'TL

Total N

MIDSH

COLLIS

AFTER

STEEL

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower <i>weight. Anchor head</i> <i>Cwks - gas - lbs</i> <i>19-1-25</i> ; <i>Surveyor</i> <i>H. Berg</i> ; <i>N^o of Certificate</i> <i>2520</i> ; <i>Date of Test</i> <i>19-6-25</i> <i>Duiseldor</i>
	2nd " " " <i>19-2-10</i> ; <i>Karl Haufs</i> ; <i>3510</i> ; <i>30-6-25</i> "
	3rd " " " <i>10-2-12</i> ; <i>Karl Haufs</i> ; <i>3266</i> ; <i>10-12-24</i> "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *19.7* ft., R.Q.D. *V* ft., Bridge *72.2* ft., Forecastle *25.2* ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *one steel deck, covered by lead*
deck 2 1/2" thick
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,	<i>84.7</i>	<i>129</i>	Fore peak tank,	<i>14.6</i>	<i>6.</i>
Double bottom, under Engines and Boilers,			After peak tank,	<i>13.8</i>	<i>5.9.</i>
Double bottom, if under Engines only,	<i>19.7</i>	<i>43</i>	Deep tank, aft,		
Double bottom, if under Boilers only, <i>dry tank.</i>			Deep tank, forward,		
Double bottom, forward,	<i>104.4</i>	<i>192</i>	Other tanks, if fitted,		
	Total capacity of double bottom <i>364</i>		(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. *701*

Date *12/2-26*

Dates of Surveys held while building

18/1 - 12-16-17-22-25-27/3 6-15-19-22-24-27-29/4 4-17-18/5
2-8-9-24/6 1-3-8-9-12-16-22-26-28/4 3-5-9-11-13/8
1-8-11-14-16-21-24-30/9 5-6-9-11-13-15-18-19-20-25/10-1926

Total No. of Visits *53*