

1 or 2 Dks. R.O. Dk. IRON OR STEEL STEAMER.

and Pt. Awng. Dk.

No. 6618

State of Report is also sent on the Machinery of the Vessel.

Date of completion of Report 9th May 1910.

Received at L. Office 11 MAY 1910

Port of Rotterdam.

Date, First Survey 2nd Aug 1909.

Last Survey 25/4.

1910.

Survey held at Rotterdam.

On the

Steel Vessel "Elsie"

ONE OR TWO DECKED VESSEL.

CLASS

100 A1.

Master

Year of appointment

(1) As master in service of owner of present vessel: 19
(2) As master of this vessel: 19

Built at

Rotterdam.

When built

1910.

Launched

8th April 1910.

By whom built

Machine Fabric Defak.

Owners

J. Constant. Keijsers & Co. Ltd.

Managers

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

Residence

Dordrecht.

Port belonging to

Dordrecht.

Destined Voyage

not decided.

If Surveyed while Building, Afloat, or in Dry Dock

Building

LENGTH on Deck as

per Rule

59

Feet.

Inches.

10.

BREADTH—

Moulded

Feet.

Inches.

14.

5

DEPTH, ACTUAL—

Top of Floors to top of Main

Deck Beams

Feet.

Inches.

7.

94.

No. of Decks with Flat laid

One 1/4

No. of Tiers of Beams

V

Dimensions of Ship per Register, Length,

60.85

breadth,

15.5

depth,

Moulded Depth, 8.4

ft. 1 1/2 ins.

Round of Beam, Actual 3 3/4 ins.

FRAMING.

FRAME, Angles, L or 2 Bars, for 1/2 length

amidships

Do. for 1/2 at each end

Do. in way of Double Bottoms at Solid Floors.

Spacing of Frames from centre to centre

REVERSED FRAME, Angles

DEEP FRAMING, depth of girder

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

FLOORS & BRACKETS, in Cell Dble Bottoms

state if flanged (top & bottom)

Spacing

CENTRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top

Bottom

SIDE GIRDERS, number on each side & thickness

state if flanged (top & bottom)

Angles

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles to Outside Plating

Floors

Height of Floors at the Bilges

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

BEAMS, Main and Raised Quarter Deck

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Spacing

BEAMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Spacing

BEAMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on Upper Edge

Spacing

BEAMS, Bridge or Pt. Awng. Deck, Angle,

Bulb Angle Plate, or Tee Bulb

Angles on Upper Edge

Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Spacing

BULKHEADS, In 'tween Decks, Size and Spacing

Hold

Quarter, 'tween Dks.,

in Hold

WEB FRAMES, In Fore Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

WEB FRAMES, In E. & B. Space, No. & Spacing

Brdth. & Thickness

WEB FRAMES, In After Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

BRACKET PLATES to Stringers between

Web Frames, Depth and Thickness

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder, diameter at head

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercoastal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate for

Attached to outside plating with Angle

Main and Raised Quarter Deck Stringer

Plate, breadth and thickness

Angle on ditto

Tie Plates, outside Hatchways

Diagonal Tie Plates on Bms., No. of Pairs

Main Dk. Iron or Steel for

R.O. Dk. Iron or Steel for

Wood Deck, Material & thickness

Lower Deck Stringer Plate, breadth and

thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck* Material and thickness

Hold Stringer Plate

Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Bridge or Pt. Awng. Deck Stringer Plate,

breadth and thickness

Angle on ditto

Tie Plates

Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thcknss

Angle on ditto

Tie Plates

Deck, Material and thickness

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.

In Vessel.

Per Rule.

Thickness.

Horizontal.

Vertical.

Single or Double Frames.

Height up.

W.T. BULKHEADS

PARTITION

LONGITUDINAL

Are the outside Plates doubled two spaces of Frames in length?

Are the Sluice Valves and Watertight Doors in efficient working order?

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES. Ordinary or Joggled?				BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.		
FLAT PLATE KEEL.....																			
(If Bar Keel, state Riveting)																			
GARBOARD OR A Strake...	38.	6	6	6	as per plan.	6	Fig. 22.	1/8	1/8	4 3/8	also Stem and	Double	5/8	2 1/4	8.	4			
State actual thickness in way of Double Bottom.																			
B "	48.	5	5	5															
C "	43.	5	5	5															
D "	46.	6	5	5															
E "																			
F "																			
G "																			
H "																			
J "																			
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING																			

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.?

Siemens Martin Steel.
Feuerbach & Co. Duisburg.
Neufelder & Co. Barmen.
Walzenwerke.

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

Main Stringer Plate { Butts, treble riveted for double post. length amidship.
Straps, single, double or overlapped for full length amidship

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *Both*

Inner Bottom Plating, riveting of Edges *V* Butts *V*

Centre Girder Butts, *V* riveted. Keelson Butts, *treble* riveted.

Frames, riveted through Plates with *5/8* in. Rivets, about *4 5/8* apart.

Rivets, state whether of Iron or Steel *Steel.*

FRAMES extend in one length from *Centre* to *Wh.*

REVERSED FRAMES on floors and frames extend from *Only as per plan.*

MASTS, SPARS, &c.														
LOWER MASTS....	Fore.....	Main.....	Mizen.....	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
						At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
				<i>Pine Signal mast.</i>										
Bowsprit														
Topmasts, Yards and Remainder of Spars				<i>V</i>										
Rigging, Material and Size, Shrouds				<i>V</i>										
Sails.				Suit of <i>V</i>										

Equipment No. *Flaking No. 1424. Reg.* Letter *ANCHORS.* Tonnage U.Dk. or Plating No. for Trawlers

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
<i>6578.</i>	1st Bower ..	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>	<i>6</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>3</i>	<i>0</i>	<i>W. Friffin & Co.</i>	<i>W. Friffin & Co. 4.2.10</i>
<i>6579</i>	2nd " ..	<i>3</i>	<i>3</i>	<i>4</i>	<i>3</i>	<i>3</i>	<i>4</i>	<i>6</i>	<i>3</i>	<i>0</i>	<i>14</i>	<i>3</i>	<i>3</i>	<i>0</i>	<i>"</i>	<i>"</i>
<i>35920</i>	3rd " ..	<i>1</i>	<i>3</i>	<i>10</i>	<i>0</i>	<i>2</i>	<i>12</i>	<i>4</i>	<i>7</i>	<i>0</i>	<i>21</i>	<i>1</i>	<i>3</i>	<i>0</i>	<i>"</i>	<i>18.12.13.10.</i>
	Collective weight															<i>C.C. Penning.</i>
	Stream															
	Kedge															

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length & Size per Table 22.		Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 22.			
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Table 22.	Length.	Diam.					Length.	Cir.		Length.	Cir.	Length.	Cir.
<i>9525</i>	<i>60</i>	<i>3/4</i>	<i>10 1/8</i>	<i>15 1/8</i>	<i>15-0-34</i>	<i>17-1-3</i>	<i>60</i>	<i>3/4</i>	<i>Stud.</i>	<i>W. Friffin & Co.</i>	<i>Cardiff. 29/12/09</i>	<i>TOWLINE</i>							
												<i>HAWSERS & WARPS</i>	<i>60 5</i>			<i>60 5</i>			
													<i>60 2 1/2</i>			<i>60 2 1/2</i>			

Boats *One.*

Pumps, Number *Three.* Diameter of Barrel *4"* State whether they are in efficient working order *Yes.*

Windlass is *Iron Hand Taked.* Capstan *V*

Engine Room Skylights.—How constructed? *Teak wood on Steel casing.*

What arrangements for deadlights in bad weather? *Teak wood lids and Bull Ties.*

Coal Bunker Openings.—How constructed? *Cast Iron Bins.* How are lids secured? *Bayonet fitting.* Height above deck? *Teak.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Five Scuppers. Three ports. 20" x 14".*

Ceiling in Holds, thickness and material *No Ceiling Plank in Cabin.* Cargo Battens, thickness and material *V*

Cargo Hatchways.—How formed? *No. 1 Hatchways.*

State size No. 1 Hatch (Forward) *No. 2 Hatch* No. 3 Hatch No. 4 Hatch

Hatches.—If strong and efficient?

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch

No. of Breasthooks *Two.* No. of Crutches *Two.*

Bulwarks, height above deck and description *Steel. 24"* Main Rail and Stays, material and size *6 5/8 x 2 1/2 x 1/2. 15 4 x 1/2.*

The above is a correct description.

Builder's Signature (here only) *J. J. Fabrick Delfshaven* Surveyor's Signature *B. J. J. J.*

Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

m. 26/7. 11/8. 1909. 3/2. 8/2. 1910.

Workmanship. Are the butts of plating planed or otherwise fitted? *Chipped and caulked.*

Is the riveted work properly closed? *Yes.*

Are the liners between the frames and plates solid single pieces? *Yes.*

to plate, &c., conform well to each other? *Yes.*

from the faying surfaces? *Yes.*

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *Yes.*

State results of tests

Satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes.*

State results of tests

Satisfactory.

General Remarks (State quality of workmanship, &c.)

The workmanship throughout was found Satisfactory. The vessel has been built in accordance with the approved plans. Secretary's Letters referred to above and in general conformity with the Society's Rules.

Plans forwarded to London with V.P. Tug. "Itapagipe" no. 6534.
The Surveyor should state the Number of Report and Name of any Sister Vessel.

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated *✓*

Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *One St. deck. Pitch Pine above Cabin forward.*

Official No. ; Signal Letters

State if Machinery is fitted aft *No.*

How are the surfaces preserved from oxidation? Inside *Cement & Paint.*

Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *✓*

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,	<i>8' on bh.</i>	<i>3.</i>
Double bottom, if under Engines only,			Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,			Other tanks, if fitted,		

Total capacity of double bottom

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

State whether the above have been tested as required by the Rules

Yes and tight.

Order for Special Survey No. *236.*

Date *28th July 1909.*

No. *105.* in builder's yard

DATES OF SURVEYS held while building

*2-30/8-29/9. 7-13-26/10. 9-18/11-9-20/12-1909.
5-22/1. 5-8-18-25/2-19/3-25/4-1910.*

Total No. of Visits *18.*

The amount of Entry Fee *£ 12.00:*

Special *£ 84.00:*

Travelling Expenses, if any *£ :*

Fees applied for,

19

Received by me

21.5 1910

Certificate to be sent to

Rotterdam Surveyors.

State whether the Vessel has been built under Special Survey *Yes.*

I am of opinion this Vessel should be Classed *100 A1. For Towing purposes*

With, or without Freeboard, as condition of Class *Without.*

Surveyor to Lloyd's Register of British and Foreign Shipping

B. Reevenburg.

Committee's Minute

Character assigned

FRI. 13 MAY 1910

100 A1 for towing purposes

Lloyd's A.B.O. + L.M.B. 5.10

W.



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01272/2

Certs issued 13/10.