~~1 or 2 Dks., R.Q.Dk., and Pt. Awng. Dk.~~

IRON OR STEEL STEAMER.

No. 3164a

175

State if Report is also sent on the Machinery of the Vessel: yes

Received at London Office: MON. MAY 20 1901

Date of completion of Report: 15 May 1901 — Port of: Rotterdam

Survey held at: Zalt Bommel — Date, First Survey: 9 Nov. 1900 — Last Survey: 13 May 1901

On the: Steel S. S. No. 107 ("SPEEDY") — Rig: 3 polemasts Schooner — 28th June 1901 See Newcastle 42027 attached

Tonnage under Tonnage Deck	253.19
... of Poop	
... of Raised Qr. Dk. or Break	54.37
... of Bridge House	13.74
... of Forecastle	15.09
... of Houses on Deck	11.74
... of excess of Hatchways	4.42
... above Crown of Engine Room	37.74
Gross Tonnage	390.89
Less Crew Space	34.?
Less above Crown of Engine Room	
Tonnage for Fees	
Less Engine Room	235.22
Less Navigation Spaces	7.44
... Berth 4.16	
... Room 2.28	
Register Tonnage	119.32
... cut on Beam	

(written across tonnage column: Not settled, Measured at South Shields)

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS 100 A 1.

	FEET.
Half Breadth (moulded)	11.5
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	10.979
Girth of Half Midship Frame (as per Rule)	20.521
1st Number	43.000
Length on deck from after part of stem to fore part of stern post	145 ft (145)
2nd Number	6240
Proportions—Breadths to Length	1 : 6.3
Depths to Length—Main Deck to top of Keel	1 : 13.83 (2)

Destined Voyage: tow to South Shields — If Surveyed while Building, Afloat, or in Dry Dock: Building.

Master: not appointed

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

Built at: Zalt Bommel

When built: 1900-01 — Launched: 9 April 1901

By whom built: J. Meyer.

Owners: ~~Shipping Investments Ld~~ The Clanrye Steam Ship Co. Ld.

Managers (Where necessary to be entered in Reg. Book): ~~C. H. Pile~~ William F. Ferris Newry.

Residence: ~~London~~

Port belonging to: ~~London~~ Newry

Length on Deck as per Rule	Feet. 145	Inches. –	Breadth— Moulded	Feet. 23	Inches. –	Depth, Actual— Top of Floors to top of Main Deck Beams	Feet. 9	Inches. 11 3/4	No. of Decks with Flat laid: One; No. of Tiers of Beams: One

Dimensions of Ship per Register, Length, 146.3 breadth, 23.15 depth, 9.8. Moulded Depth, 10 ft. 6 ins. Round of Beam, Actual 5 3/4 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule Approved	20ths per Rule
Frame, Angles, ~~Z, [or L Bars~~, for 3/5 length amidships	3	2 1/2	5	3	2 1/2	5
Do. for 1/5 at each end	3	2 1/2	5	3	2 1/2	5
Do. in way of Double Bottoms at Solid Floors	–					
" " at intermdt. Bkts.	–					
Spacing of Frames from centre to centre		21			21	
Reversed Frame, Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	5
Deep Framing, depth of girder	–					
Floors, depth and thickness of Floor Plate at mid-line for 3/5 length amidships	12		6	12		6
" in way of Engines and Boilers			7 3/8			7 3/8
" thickness at the ends of vessel			5			5
" depth at 3/4 the half breadth, as per Rule	8			6		
" height extended at the Bilges	24			24		
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~~	4	2 1/2	6	4	2 1/2	6
" Angles on Upper Edge	–					
" Spacing		21			21	
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~~	4	2 1/2	6	4	2 1/2	6
" Angles on Upper Edge	–					
" Spacing		21			21	
Beams, Forecastle Deck, Angle, ~~Bulb Angle, Plate or Tee Bulb~~	4	2 1/2	6	4	2 1/2	6
" Angles on Upper Edge	–					
" Spacing		21			21	
Pillars, In 'tween Decks, Size and Spacing	–					
" " Hold " "	2 1/2	42		2 1/2	42	
" Quarter, 'tween Dks., " "	3" pillars in way of raised quarter deck.					
" " 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.	Inches in Ship.	Inches per Rule. Or as Approved.
Keel, Bar or Side Plates depth and thickness	Flat	plate
Stem, moulding and thickness	6 1/4 x 1 1/2	6 1/4 x 1 1/2
Stern-Post for Rudder do. do.	6 1/4 x 3	6 1/4 x 3
" for Propeller	6 1/4 x 3	6 1/4 x 3
Main Piece of Rudder, diameter at head	4	4
do. at heel	2 1/4	2 1/4

Rudder, how constructed: Iron frame double plate.

Can the Rudder be unshipped afloat? yes

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule Approved	20ths per Rule
Centre Line Keelson, Vertical Plate above floors, ~~Through Plate~~, or Intercostal Plate	10 / 12		8-7 / 7	10		8-7
" Rider Plate	7		8	7		8
" Bulb Plate to Intercostal Keelson	–					
" Horizontal Plates on Floors	–					
" Angles	3	3	6	3	3	6
Side Keelson, Angles	3	3	6	3	3	6
" Bulb or Plate above floors for lng.	–					
" Intercostal Plate for 101 ft 6" length			5			5
" Attached to outside plating with Angle	3	3	6	3	3	6
Bilge Keelson, Angles	3	3	6	3	3	6
" Bulb ~~or Plate~~ above floors for 3/5 lng.	5 1/2		5	5 1/2		5
" Intercostal Plate for length	–					
" Attached to outside plating with Angle	–					
Bilge Stringer Angles	–					
" Bulb Plate for length	–					
" Intercostal Plate for length	–					
" Attached to outside plating with Angle	–					
Side Stringer Angles	3	3	6	3	3	6
" Bulb ~~or Intercostal~~ Plate for 3/5 lng.	5 1/2		5	5 1/2		5
" Attached to outside plating with Angle	–					
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	37		7	37		7
" Angle on ditto	3 x 3 x		6	3 x 3 x		6
" Tie Plates fore & aft, outside Hatchways	–					
" Diagonal Tie Plates on Bms., No. of Pairs	–					
" Main Dk* ~~Iron or~~ Steel for whole lng.	uncovered		6			6
" R. Q. Dk* ~~Iron or~~ Steel for whole lng.			6			6
" 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. Awning~~ Deck Stringer Plate, breadth and thickness	20		6	20		6
" Angle on ditto	3 x 3 x		6	3 x 3 x		6
" Tie Plates	6		5	6		5
" Deck, Material and thickness	Pine		2 1/2	Pine		2 1/2
Forecastle Deck Stringer Plate, brdth & thckns	20		6	20		6
" Angle on ditto	3 x 3 x		6	3 x 3 x		6
" Tie Plates	6		5	6		5
" Deck, Material and thickness	Pine 2 1/2 plates under anchor winch & hawse pipes.					

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

BULKHEADS.	Number In Vessel	Number ~~Per Rule~~ Approved	Thickness 20ths	Horizontal Stiffeners Size (Inches)	Horizontal Spacing (Inches)	Vertical Size (Inches)	Vertical Spacing (Inches)	Single or Double Frames	Height up
W.T. Bulkheads	3	3	5	3x3x6	48	3x3x6	30	Dbl.	Deck (aft to ...)
Partition "	one steel bulkhead for cross bunker &								
Longitudinal "	watertight flat aft.								

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

Are the Sluice Valves and Watertight Doors in efficient working order? None

Form No. 1A.

WMI – 0115 1/2

PLATING. / RIVETING.

STRAKES.	AS IN SHIP – Amidship Breadth (Inches)	Amidship Thickness (16ths or 20ths)	Forward Thickness	Aft Thickness	PER RULE OR AS APPROVED – Amidship Breadth (Inches)	Amidship Thickness (16ths or 20ths)	*Upper* EDGES. Ordinary ~~or Joggled~~? – Single or Double	Breadth of Lap (Inches)	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	BUTTS – Double or Treble and for what Length	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (16 or 20ths)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
Flat Plate Keel (If Bar Keel, state Riveting)	31½	10	8	8	31	8	Double	4½	3/4	3	all butts lapped & treble riveted over ½ length amidships.	3/4	2 5/8			7½	all fore & aft except in way of sheer doubling
Garboard or A Strake	31½	8	8	8	31	8	"	"	"	"		"	"			"	
B " (State actual thickness in way of Double Bottom.)	42	7	6	6		7	"	"	"	"		"	"			"	
C "	40	7	7	7		7	"	"	"	"		"	"			"	
D "	48	7	6	6		7	"	"	"	"		"	"			"	
E "	36	7	7	7		7	Single	2½	"	"		"	"			"	
F "	32	7	7	7		7	Double	4½	"	"		"	"			"	
Sheer – G "	32	10	7	7	32	10	D°	"	"	"		"	"	14¼	12	"	
H "																	
J "																	
K "																	
L "																	
M "																	
N "																	
O "																	
P "																	
Doubling of Flat Plate Keel																	
Length and thickness of Bilges																	
Length and thickness of Sheerstrakes	Doubled over 49 ft as approved.																
Length and thickness of Strake below																	
Poop Sides																	
Raised Quarter Dk. Sides		8-6				8-6	Single	2½	3/4	3	D°	3/4	2 5/8				lapped
Bridge Sides		8-6				8-6	"	"	"	"	1 plate.						
Forecastle Sides		8-6				8-6	"	"	"	"	double.	3/4	2 5/8				lapped
Lengths of Plating	Eight frame spaces.																

Write 'Sheer Strake' opposite its corresponding letter.

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: Consett Iron Co. Steel Co. of Scotland. Hoerder Bergwerks & Hutten verein
Has the Steel been tested as required by the Rules yes.

Main Stringer Plate { **Butts,** treble riveted for half length amidship. **Straps,** ~~single, double or~~ overlapped for full length amidship
Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? treble
Inner Bottom Plating, riveting of **Edges** — **Butts** —
Centre Girder Butts, — riveted. **Keelson Butts,** treble riveted.
Frames, riveted through Plates with 3/4 in. Rivets, about 5¼" apart.
Rivets, state whether of Iron or Steel Iron.

FRAMES extend in one length from centre line to the main, r.q.d. bridge & f.c. deck state if ordinary or joggled ordinary
REVERSED FRAMES on floors and frames extend from centre line to main, r.q.d & f.c. deck state if ordinary or joggled ordinary

MASTS, SPARS, &c.

	Material.	Total length.	Diameter and Thickness – At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles – Number.	Size.	Riveting – Seams.	Butts.
Lower Masts – Fore	Pine pole mast.										
Main	"	"	"								
Mizen	"	"	"								
Bowsprit	—										

Topmasts, Yards and Remainder of **Spars** —
Rigging, Material and Size, **Shrouds** 3 - 2½" Steelwire. **Stays** 3" steel wire.
Sails. One suit Suit of good quality Sails and the following spare sails —

EQUIPMENT No. 6862 **LETTER** J. **TONNAGE FOR TRAWLERS** U.Dk.

ANCHORS.

Number of Certificate.	Anchors.	Weight, ex Stock Cwts.	qrs.	lbs.	Weight of Stock Cwts.	qrs.	lbs.	Test, per Certificate Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 22 Cwts.	qrs.	lbs.	Description of Anchor. (If Patent state Name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
148	1st Bower	9	1	14	Stockless			11	9	0	7	9			Taylor's wrought stockless	S. Taylor & Sons	South dock Sunderland 29/4/01. H. T. Welford
149	2nd	9	1	0	D°			11	6	3	14	9					
	3rd																
	Collective weight	18	2	14								18					
(see letter →) 21059	Stream	2	2	14	0	2	14	5	2	2	0	2¼			Rodger's Patent	H. P. Parkes & Co.	18.11.01 Sunderland Supt. J. Hartness
	Kedge	1						—				1					

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	Weight of Chain Cable Supplied.	Per Table 22.	Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent
9	165	1	27 3 18	84.3.25	84.0.17	165 - 1"	stud link	S. Taylor & S	South dock Sdld. 16/4/01. H. T. Welford
Iron Stream Chain or Steel Wire	45	2¾	15½			45 - 2¾		R. Hood, Haggie & Son Ld.	

HAWSERS AND WARPS.

Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Table 22.
Towline	75	2¾	15½ T	75 - 2¾
Hawser	90	5½		90 - 5½
Warp				

Boats 2 off. 16 ft. life boats.
Pumps, Number One in main hold Diameter of Barrel 5" State whether they are in efficient working order yes. tested.
Windlass is Emerson, Walker, Thompson Bros steam **Capstan** —
Engine Room Skylights.—How constructed? Steel casing, skylight coaming of teak.
What arrangements for deadlights in bad weather? lids & deadlights
Coal Bunker Openings.—How constructed? Steel casing How are lids secured? hatches, battens Height above deck? 8 ft above r.q.d.
Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** in well. 3 scupp: & 3 ports 2'-6" × 1'-8" each side
Ceiling in Holds, thickness and material Pine 2" **Ceiling 'tween Decks,** thickness and material batten 2"
Cargo Hatchways.—How formed? Steel **Hatches.**—If strong and efficient? solid 2½"
State size **No. 1 Hatch** (Forward) 19' × 12' **No. 2 Hatch** 19' × 12' **No. 3 Hatch** — **No. 4 Hatch** —
Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch One webplate & 3 fore & after
No. of Breasthooks three **No. of Crutches** two
Bulwarks, height above deck and description 3'-6" steel Main Rail and Stays, material and size 5 × 2½; T 6 × 3 × 3/8

The above is a correct description.
Builder's Signature (here only). J. Mey
Surveyor's Signature W. F. D. van Olleffen
Surveyor to Lloyd's Register of British and Foreign Shipping.

Form No. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*) From London M. 11 May; 23 July; 22 Nov 1900; C.O. 12 April & M 7 May 1901.

Workmanship. Are the butts of plating planed or otherwise fitted? Overlapped, chipped & caulked.
Is the riveted work properly closed? yes.
Are the liners between the frames and plates solid single pieces? yes
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? yes
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? yes.
Do any rivets break into or through the seams or butts of the plating? a few.
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 is satisfactory and the vessel has been built in accordance with the approved plans and the instructions contained in the above letters.
The Engines and Boilers will be fitted at South Shields; all parts of the hull have been finished, but plating on top of casing aft require to be further dealt with when machinery is placed on board.

A stream anchor has been supplied but without certificate and it has been arranged that a new anchor with valid certificate will be supplied at South Shields.

Mr. Leeuwenburg held also part of this survey.

The Surveyor should state the Number of Report and Name of any Sister Vessel. —

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. or Break 83.5 ft., Bridge Dk. 10.8 ft., F'castle 22 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 Bridge & raised quarterdeck connected.
No. and 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) Well deck, One steel deck; one tier of beams - steel deck uncovered. Engine aft.
Official No. 108048 ; Signal Letters
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,	19	47
Double bottom, under Engines and Boilers,	—		After peak tank,	—	
Double bottom, if under Engines only,	—		Midship deep tank,	—	
Double bottom, if under Boilers only,	—		Other tanks, if fitted,	—	
Double bottom, forward,	—		(If necessary, furnish further information by sketch.)	—	

* 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.

Order for Special Survey No.
Date
No. 107 in builder's yard.
Dates of Surveys held while building: 9/11; 16/11; 23/11; 3/12; 5/12; 17/12 1900 – 8/2; 13/2; 27/2; 22/3; 28/3; 9/4; 1/5; 10/5 & 13/5 1901.
Total No. of Visits 15.

The amount of Entry Fee £ 2 : :
Special £ 18 : 2 :
Travelling Expenses, if any £ 9 : 12 :
Fees applied for, 19
Received by me, 24.7.1901
JJ 6.8.01
Certificate to be sent to the Surveyor Rotterdam. and also the tonnage for fees when the vessel is measured.
State whether the Vessel has been built under Special Survey yes
I am of opinion this Vessel should be Classed ✠ 100 A1 when completed as above. W. F. D. van Olleffen
With, or without Freeboard, as condition of Class without
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. JUL 9 1901
Character assigned 100 A1 Steel HR
a & cp
+ LMC 6,01

The Surveyors are requested not to write on or below the Committee's Minute.

W111-0115 2/2