

~~1st Dks., R.Q.Dk.,~~  
~~and Pt. Awng. Dk.~~

~~IRON OR~~ STEEL STEAMER.

No. 19235

State if Report is also sent on the Machinery of the Vessel *yes.*  
Date of completion of Report *17-7-07*  
Date, First Survey *Oct 24/06*

Received at London Office, **TUES. 30 JUL 1907**

Port of *Null.*  
Last Survey *Jul 10<sup>th</sup> 1907.*  
Rig *Ketch.*

Survey held at *Penrhye*  
On the *S.S. "FRASER"*  
TONNAGE under Tonnage Deck... *260.25*  
Do. of Poop *15.73*  
Do. of Raised Qr. *16.30*  
Do. of Break... *6.86*  
Do. of Bridge House *10.99*  
Do. of Forecastle *310.13*  
Do. of Houses on Deck *22.10*  
Do. of excess of Hatchways *10.99*  
Do. above Crown of Engine Room... *277.64*  
Gross Tonnage *153.60*  
Less Crew Space *11.30*  
Room *123.13*  
on Spaces

ONE OR TWO DECKED VESSEL.  
CLASS *100 A*  
Half Breadth (moulded) *11.31*  
Depth from upper part of Keel to top of Main Deck Bms. *13.81*  
Girth of Half Midship Frame (as per Rule) *21.45*  
1st Number *46.57*  
Length on deck from after part of stem to fore part of stern post *136.42*  
2nd Number *6353*  
Proportions—Breadths to Length *6.03*  
Depths to Length—Main Deck to top of Keel... *9.8*  
Destined Voyage *Fishing* If Surveyed while Building, Afloat, & in Dry Dock *yes.*

Master *Not yet appointed*  
Year of appointment (1) As master in service of owner of present vessel—19 (2) As master of this vessel—19  
Built at *Penrhye*  
When built *1907* Launched *18 March 1907*  
By whom built *Cook, Walter & Goughell, Ltd*  
Owners *The Neptune Steam Ship Co Ltd*  
Managers (Where necessary to be entered in Reg. Book.)  
Residence *Null.*  
Port belonging to *Null*

on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
	136	5	Moulded	22	7 1/2	Top of Floors to top of Main Deck Beams	12	6	one

of Ship per Register, Length, *137.5* breadth, *22.75* depth, *12.55*. Moulded Depth, *13* ft. *4* ins. Round of Beam, Actual *6* ins.

FRAMING.	Inches in Ship.		16ths per Rule Or as Approved.		FORGINGS AND CASTINGS.	Inches in Ship.		Inches per Rule Or as Approved.			
	Inches	16ths	Inches	16ths		Inches	16ths	Inches	16ths		
Angles, <i>E or L</i> Bars, for 2/3 length amidships	4	3	9	20	4	3	9	20	KEEL, Bar or Side Plates depth and thickness	8 x 2	8 x 2
at each end	4	3	9	20	4	3	9	20	STEM, moulding and thickness	8 x 2	8 x 2
Way of Double Bottoms at Solid Floors	✓								STERN-POST for Rudder do. do.	6 1/4 x 3	6 1/4 x 3
at intermdt. Bkts.	✓								for Propeller	6 1/4 x 3	6 1/4 x 3
Frames from centre to centre	3	20	6	3	50	3	6		MAIN PIECE of Rudder, diameter at head...	4 1/2	4 1/2
ED FRAME, Angles	3	3	6	3	3	6			do. at heel	3 1/2 x 3	3 x 2 3/4
FRAMING, depth of girder	16	6	16	6					RUDDER, how constructed <i>Forged &amp; plated</i>		
depth and thickness of Floor Plate	16	6	16	6					Can the Rudder be unshipped afloat? <i>yes.</i>		
at mid-line for 2/3 length amidships	7	7							KEELSONS AND STRINGERS.		
Way of Engines and Boilers	7	7							Centre Line Keelson, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8 1/2	8 1/2
Thickness at the ends of vessel	6	6							Rider Plate	✓	
th at 2/3 the half breadth, as per Rule	6	6							Bulb Plate to Intercoastal Keelson	✓	
ght extended at the Bilges	6	6							Horizontal Plates on Floors	✓	
& BRACKETS, in Cell Dble Bottoms	✓								Angles	5	3
state if flanged (top & bottom)	✓								SIDE KEELSON, Angles	5	3
Spacing	✓								Bulb or Plate above floors for	lng.	✓
GIRDER, in Double Bottom, depth and thickness	✓								Intercoastal Plate for	length	✓
Angles, Top	✓								Attached to outside plating with Angle	✓	
Bottom	✓								BILGE KEELSON, Angles	5	4
EDERS, number on each side & thickness	✓								Bulb or Plate above floors for	lng.	✓
state if flanged (top & bottom)	✓								Intercoastal Plate for	length	✓
Angles	✓								Attached to outside plating with Angle	✓	
PLATE, depth (exclusive of flange) and thickness	✓								BILGE STRINGER Angles	5	4
Angles to Outside Plating	✓								Bulb Plate for	length	✓
Floors	✓								Intercoastal Plate for	length	✓
Height of Floors at the Bilges	✓								Attached to outside plating with Angle	✓	
BOTTOM PLATING, breadth and thickness of Middle Line Strake	✓								SIDE STRINGER Angles	5	4
thickness in Engine and Boiler space	✓								Bulb or Intercoastal Plate for	lng.	✓
Remainder in Holds	6	3	9	20	6	3	9	20	Attached to outside plating with Angle	✓	
Main and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓								Main and Raised Quarter Deck Stringer Plate, breadth and thickness	28	6
Angles on Upper Edge	40		40						Angle on ditto	3 x 3	6
Spacing	✓								Tie Plates, outside Hatchways	7	6
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	✓								Diagonal Tie Plates on Bms., No. of Pairs	✓	
Angles on Upper Edge	✓								Main Dk* Iron or Steel for	lng.	✓
Spacing	✓								R. Q. Dk* Iron or Steel for	lng.	✓
Hold, Plate or Tee Bulb	✓								Wood Deck, Material & thickness	3 1/4 pine	3 1/4 pine
Angles on Upper Edge	✓								Lower Deck Stringer Plate, breadth and thickness	✓	
Spacing	✓								Angles on ditto, No.	✓	
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓								Tie Plates, outside Hatchways	✓	
Angles on Upper Edge	✓								Deck* Material and thickness	✓	
Spacing	✓								Hold Stringer Plate	✓	
Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	✓								Angles on ditto, No.	✓	
Angles on Upper Edge	✓								Poop Deck Stringer Plate, breadth & thickness	✓	
Spacing	✓								Angle on ditto	✓	
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	✓								Tie Plates	✓	
Angles on Upper Edge	✓								Deck, Material and thickness	✓	
Spacing	✓								Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	✓	
In 'tween Decks, Size and Spacing	✓								Angle on ditto	✓	
Hold	25		25						Tie Plates	✓	
Quarter, 'tween Dks., "	✓								Deck, Material and thickness	✓	
in Hold	✓								Forecastle Deck Stringer Plate, brdth & thcknss	✓	
WEB FRAMES, In Fore Body, No. and Spacing	✓								Angle on ditto	✓	
Brdth. & Thickness	✓								Tie Plates	✓	
No. of Side Stringers	✓								Deck, Material and thickness	✓	
WEB FRAMES, In E. & B. Space, No. & Spacing	✓								BULKHEADS.		
Brdth. & Thickness	✓								In Vessel.	4	3
No. of Side Stringers	✓								Per Rule.	4	3
WEB FRAMES, In After Body, No. and Spacing	✓								Thickness.	4	3
Brdth. & Thickness	✓								Horizontal Spacing	4 1/2	30
No. of Side Stringers	✓								Vertical Spacing	6	16
Size of Angles or Tee Bars to Web Frames	✓								Single or Double Frames.	Stk	Stk
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	✓								Height up.		

Registered  
W895-01610

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) 28-2-07 (E) 17-10-06 (M)

Workmanship. Are the butts of plating planed or otherwise fitted? Planed
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)? Drauer.
Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? Drauer.

General Remarks (State quality of workmanship, &c.) The workmanship throughout is good.
This vessel has been built in accordance with the approved midship section, and the Secretary's letters referred to above and in general conformity with the Rules for the Class contemplated.

This vessel has been placed in dry dock, and the hull examined and found good and fair.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 72 ft., R.Q.D. or Break 72 ft., Bridge Dk. ft., F'castle ft.
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) 15K
Official No. ; Signal Letters C. State if Machinery is fitted aft Yes.
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, Water Capacity, Where fitted, \*Length, Water Capacity.
Double bottom, aft, Fore peak tank,
Double bottom, under Engines and Boilers, After peak tank,
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 (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

Order for Special Survey No. 1350
Date 24/10/06
Dates of Surveys head while building 1906.—Oct. 24, 27, 31. Nov. 3. Dec. 3, 4, 7, 14, 20, 21. 1907.—Jan. 5, 8, 14, 18, 21, 28, 31. Feb. 8, 15, 19, 28. Mar. 5, 15, 18, 21, 26. Apr. 5, 6, 12, 20, 27. May 3, 6, 9, 16, 18, 24, 29. Jun. 10, 28. Jul. 3, 10.
No. 135 in builder's yard.

The amount of Entry Fee £ 2 - - - Fees applied for, 29/7/1907
Special £ 13 : 17 - - Received by me, 18/8/1907
Travelling Expenses, if any £ - : 6 : 6
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed \*100 A.I. "Steel Trawler".
With, or without Freeboard, as condition of Class Without

Committee's Minute FRI, 2 AUG 1907
Character assigned 100 A.I. (St.)
Stm Trawler
Dogs at 100 + time 707

Builder's Signature (Name only) William James Cook
Surveyor's Signature Harry C. Savar
Director.

PLATING. AS IN SHIP. PER RULE OR AS APPROVED. RIVETING. BUTTS. STRAPS. IF LAPPED.
Table with columns for Strakes, Amidship, Forward, Aft, Rivets, Straps, and If Lapped. Includes handwritten entries for Strake G, H, J, K, L, M, N, O, P.

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.?
Cornett & Balckow Vaughan Co.
Open hearth process
Has the Steel been tested as required by the Rules Yes.

FRAMES extend in one length from Keel to deck
REVERSED FRAMES on floors and frames extend from where no cement, double bulge to bulge in 6' & 13' space.

MASTS, SPARS, &c.
Table with columns for Material, Total length, Diameter and Thickness, No. of Plates in round, Angles, Riveting.
Includes entries for Fore Mast, Main Mast, Mizzen Mast, Bowsprit, Topmasts, Yards and Remainder of Spars.

ANCHORS.
Table with columns for 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.
Includes entries for 1st Bower, 2nd, 3rd, and Stream anchors.

CHAIN CABLES. HAWSERS AND WARPS.
Table with columns for Number of Certificate, Length and size supplied, Test per Certificate, Weight of Chain Cable, Length and Size per Table 22, 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 22.
Includes entries for 3311 and 3312 chain cables.

Boats One.
Pumps, Number Six. Diameter of Barrel 4 1/2. State whether they are in efficient working order Yes.
Windlass is Steam. Capstan.
Engine Room Skylights.—How constructed? Steel on steel casings.
What arrangements for deadlights in bad weather? Bulls eyes in steel flaps.
Coal Bunker Openings.—How constructed? C.I. Scuttles. How are lids secured? Screwed. Height above deck? Flush.
Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side 5 scuppers & 4 ports 18x9.
Ceiling in Holds, thickness and material? 2" Pine. Cargo Battens, thickness and material? Plating & Angles.
Cargo Hatchways.—How formed? Plating & Angles.
State size No. 1 Hatch (Forward) 3' 4" x 4' 0". No. 2 Hatch 2' 0" dia. No. 3 Hatch 3' 4" x 4' 0". No. 4 Hatch 3' 4" x 4' 0".
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch.
Bulwarks, height above deck and description 2' 11" Steel plates. No. of Breasthooks Two. No. of Crutches One.
The above is a correct description. Main Rail and Stays, material and size BA 6 1/2 x 3; Stay 7" steel.
Builder's Signature (Name only) William James Cook. Surveyor's Signature Harry C. Savar.
Director.

