

21 JUL 1924

## COMPOSITE VESSEL.

Received at London Office WED. JUL 23 1924

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

Yes

Date of completion of report

Port of LIVERPOOL

No.

87143

Survey held at

Fleetwood

Date, First Survey

26<sup>th</sup> February

Last Survey

15<sup>th</sup>

July 1924

On the

J. S. WYRESDALE

Rig

TONNAGE under

43.54

Tonnage Deck

Do. of Afting Dk.

Total under Upper Dk.

43.54

Do. of Poop

Do. of R.C. Dk.

Bunk

10.18

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of Engine Room

Gross Tonnage

53.72

Less Crew Space

Less above Crown of Engine Room

TONNAGE FOR FEES...

28.42

Less Engine Room

Less Navigation Spaces

Register Tonnage

25.30

as cut on Beam...

Master

Year of appointment

(1) As Master in service of owner of present vessel:—19.....  
(2) As Master of this vessel:—19.....

Built at

Fleetwood

When built

1924

Launched June 18<sup>th</sup> 1924

By whom built

James Robertson &amp; Son, (Fleetwood) Ltd.

Owners

Fleetwood Urban District Council.

Managers

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

Residence

Fleetwood.

Port belonging to

Fleetwood.

Destined Voyage

Ferry Service Fleetwood to Knott End

If Surveyed while Building, Afloat or in Dry Dock

Yes.

LENGTH on Deck Feet. Inches. BREADTH Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams Feet. Inches. No. of Decks with flat laid one  
as per Section 5 ... 67 0 Moulded ... 17 0 Do. do. do. Second Dk. Beams 5 4 1/4 No. of Tiers of Beams one

Dimensions of Ship per Register, Length 62.8 breadth 17.4 depth 5.6 Moulded depth, ft. 6 ins. 0 To Bridge Dk. Round of Upper 4 1/4 ins.  
Moulded depth, ft. 6 ins. 0 To Upper Dk. Dk. Beam, Actual

	Inches in Ship.			Inches required per Rule for as applied to Scale.			OUTSIDE PLANK.	Inches in Ship.		Inches as applied to Scale.	
	In Ship.	In Ship.	In Ship.	Inches per Rule for as applied to Scale.	Inches per Rule for as applied to Scale.	Inches per Rule for as applied to Scale.		In Ship.	In Ship.	Inches per Rule.	Inches per Rule.
Keel, siding and moulding ...	8 1/2 x 7 1/2	24 x 5/20	8 1/2 x 7 1/2	8 1/2 x 7 1/2	24 x 5/20	8 1/2 x 7 1/2	Garboard Strakes, thickness ...	2 3/8	2	2	2
„ plate, breadth and thickness...	8 1/2 x 7 1/2	24 x 5/20	8 1/2 x 7 1/2	8 1/2 x 7 1/2	24 x 5/20	8 1/2 x 7 1/2	Garboard to Topsides ditto ...	2 1/8	2	2	2
Stem, siding and moulding ...	8 1/2 x 7 1/2	24 x 5/20	8 1/2 x 7 1/2	8 1/2 x 7 1/2	24 x 5/20	8 1/2 x 7 1/2	Topsides ditto ...	2 1/8	2	2	2
Fore deadwood plate, breadth and thickness...	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	Sheerstrakes ditto ...	2 1/8	2	2	2
Stern-post, siding and moulding ...	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	13 x 7 1/2	Planksheers ditto ...	2 1/8	2	2	2
After deadwood plate, breadth and thickness	16	16	16	16	16	16	Water- Upper Deck ...	5 1/2	2	2	2
Distance of Frames from moulding edge to moulding edge, all fore and aft ...	16	16	16	16	16	16	ways Lower Deck ...	5 1/2	2	2	2
Frames, Size of Angle, single or double...	2 1/2	2 1/2	7/20	2 1/2	2 1/2	7/20	Sheerstrake, breadth and thickness ...	24	5/20	24	5/20
„ „ Reversed Angle, if to every frame or every frame ...	across top of frame	across top of frame	across top of frame	across top of frame	across top of frame	across top of frame	Bilge Plate ditto ditto ...	8	5/20	8	5/20
Floors, depth and thickness of Floor Plate at Mid line ...	12	12	6/20	12	12	6/20	Diagonal Plates on Frames ...	15	5/20	15	5/20
Floors, depth and thickness of Floor Plate at Bilge Keelson ...	12	12	6/20	12	12	6/20	Gunwale Plate or Stringer on ends of Upper Deck Beams, breadth and thickness ...	15	5/20	15	5/20
„ Size of Reversed Angle, and No. at top of Floor Plate ...	2	2	5/20	2	2	5/20	Angle on ditto ...	2 1/2 x 2 1/2 x 5/20	2 1/2 x 2 1/2 x 5/20	2 1/2 x 2 1/2 x 5/20	2 1/2 x 2 1/2 x 5/20
„ If of wood, siding and moulding, at Mid. line	2	2	5/20	2	2	5/20	Fore and aft Tie Plates on Upper Deck Beams, outside Hatchways ...	6	5/20	6	5/20
Beams, Deck (No. one) double Angle, Plate, Tee, or Bulb Plate ...	4	2 1/2	7/20	4	2 1/2	7/20	Diagonal Tie Plates on ditto ...	6	5/20	6	5/20
„ „ double or single Angle on edge ...	4	2 1/2	7/20	4	2 1/2	7/20	Flat of Upper Deck, thickness ...	2 1/8	2 1/8 + 2	2 1/8 + 2	2 1/8 + 2
„ „ average space between ...	32	32	32	32	32	32	Ceiling between Decks, thickness ...	15	5/20	15	5/20
„ „ Hold, or Lower Deck (No. one) double Angle, Tee, Plate, or Bulb plate ...	4	2 1/2	7/20	4	2 1/2	7/20	„ in Hold, thickness ...	15	5/20	15	5/20
„ „ double or single Angle on edge ...	4	2 1/2	7/20	4	2 1/2	7/20	Clamps or Spirketting ditto ...	15	5/20	15	5/20
„ „ average space between ...	32	32	32	32	32	32	Stringer Plates on ends of Hold or Lower Deck Beams, breadth and thickness ...	6	5/20	6	5/20
Keelson, single or double plate, box or intercostal	3	3	6/20	3	3	6/20	Fore and aft Tie Plates outside Hatchways, on Hold or Lower Deck Beams ...	6	5/20	6	5/20
„ Size of Plates ...	3	3	6/20	3	3	6/20	Stringers in Hold CABIN SPACE..	9	5/20	9	5/20
„ Size of Angles ...	3	3	6/20	3	3	6/20	State if all Butts of the foregoing are shifted properly from each other ...	yes	yes	yes	yes
„ If of Wood, siding and moulding ...	3	3	6/20	3	3	6/20	Flat of Lower Deck, thickness ...	2	2	2	2
„ Side, single or double plate, box, or intercostal	3	3	6/20	3	3	6/20	Diameter of Hold Pillars angles ...	2 1/2 x 2 1/2 x 1/2	2	2	2
„ Bilge (No. ) at each Bilge, single, or double, plate or box ...	3	3	6/20	3	3	6/20	Main piece of Rudder, diameter at head ...	3	3	3	3
							(Can the Rudder be unshipped afloat. yes)	yes	yes	yes	yes

The Keel consists of American Elm The Stem English Oak Stern Post English Oak Apron English Oak 9 sides

Inner Stern Post

English Oak

Deadwood English Oak 8 1/2 sides

Knight-heads, and Hawse Timbers.

none.

FRAMES extend in one length from Centre line to deck

REVERSED FRAMES on floors and frames extend from across top of floor middle line to and to alternately.

PLANKING OUTSIDE.—From the Keel to the Height of one-fifth the depth of Hold as per Table I

Ditto

ditto

from Keel to the Height of two-fifths the depth of Hold

ditto

Pitch Pine

Ditto

ditto

from two-fifths the depth of Hold to Gunwale

Pitch Pine

The Upper Deck Waterway E.C. Deck Spirketting

Planksheer

and Roughtree Timbers

The Main Piece of Rudder 3" dia. W.C. iron

Windlass is hand by 90 lbs. and Pall Bitt

The Decks are E.C. Deck 2 1/2"

State of Good

How fastened to Beams 1/2" dia. galv. iron bolts.

The Shifts of the Planking are not less than 6 Feet

Inches.

N.B.—If less than prescribed by the Rule, state whether general

or partial, and if partial, in what part of the Ship.

The Planking is wrought three strakes between, and without step-buttling.

PLANKING INSIDE.—The Limber-strakes and Bilge-strakes are

The Ceiling, Lower Hold, and between Decks

Shelf pieces and Clamps

Butt Straps of Keel Plates, Keelsons, Stringer and Tie Plates, of every description, are they of proper dimensions, and Riveted in accordance with the Rules? yes

Rules?

yes

State where all butts are double &amp; seams or single riveting exists.

Planksheer, how secured to the plating of the sides? ✓

Explain by sketch

Waterway

planksheer and to the Beams? ✓

if necessary.

Deck Beams, how secured to the side? Bracketted to frames

Hold or Lower Deck Beams ditto? " " "

General Quality of Workmanship Very good

No. of breasthooks 2 crutches

What description of Iron or Steel is used for the Frames, Beams, Keelsons, Stringer and Tie Plates, Outside Plating, Rivets, &c.? Siemens Martin Open hearth process

Manufacturer's name or trade mark South Durham &amp; Downham Long.

Has Steel been tested as required by the Rules? yes.

We certify that the above is a correct description of the several particulars therein given.

Builder's Signature A. L. Robertson

Surveyor's Signature E. H. Dean

Lloyd's Register Foundation



Table with 4 main columns: Item, Material (Copper or Y.M. in Ship, Iron in Ship, Inches per Rule), and Description. Rows include Deadwood forward and aft, Scarphs of Keel, Keelson Bolts, Bolts through Keel Plate, Garboard Bolts, Transoms and throats of Hooks, Arms of Hooks, Thro' Frames and Planking, Butt End Bolts, Rivets, Pintles of the Rudder, Hold Beam, Bolts in Shelf or Clamp, Deck Beam, Bolts in Shelf or Clamp, and Nails or Bolts in Flat of Deck.

EQUIPMENT TONNAGE Figure not required ANCHORS. not to rule requirements. Table with 8 columns: Number of Certificate, Anchors, Weight, Ex. Stock, Weight of Stock, Test, Per Certificate, Weight, Req. by Rule, Description of Anchor, Makers, Where and when tested and Superintendent.

CHAIN CABLES. not to rule requirements HAWSERS AND WARPS. Table with 10 columns: Number of Certificate, Fathoms, Size, Test per Certificate, Weight of Chain Cable, Fathoms and Size per Rule, Description, Makers of Cables, Where and when tested, and Superintendent, Material, Fathoms, Size, Breaking Test of Steel Wire Towline, Fathoms and Size per Rule.

Masts, Yards, &c., are in condition, and sufficient in size and length. Standing and Running Rigging sufficient in size and in quality. Sails. Suit of Sails, and the following spare sails. Boats. Windlass, present state is good. Capstan. Rudder good. Pumps good. 3-2" dia. Piston. Scuppers, &c.—What arrangements are there, beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on board? The wash strake is worked 3/4" above deck. Cargo Hatchways.—How formed? none. State size. If of extraordinary size, state how framed and secured? What arrangement for shifting beams? Hatches, themselves, whether strong and efficient? Main Hatchways.—State size.

Order for Special Survey, No. 1176. Date 19/3/24. DATES of Surveys held while building, as per Section No. 2. 1st. On the wood keel, stem, sternpost, deadwood, and frames before painting or coating 26th Mar. 5.19. 2nd. On all the beams, stringers, plates, &c., when in place, riveted-up ready to receive the planking Apr. 4. 3rd. When the vessel was planked outside, dubbed fair, and all the fastenings completed, but before she was either caulked, coated or cemented May 2. 4th. When the vessel was caulked, but before the bolt-heads were cemented or had dowells fitted over them June 12. 5th. When the vessel was completed, launched, and equipped June 18. July 15.

General Remarks. This vessel has been constructed generally in concord with the approved plans, and in accordance with the rules and the Secretary's letter and is eligible in my opinion to be classed as contemplated. 14 A "Ferry Service Fleetwood and Knott End" + 1 year for being built under an efficient roof. 15 A.

The materials and workmanship are good. Secretary's letter dated: M. 24.2.24. 10.3.24. 24.3.24. 20.5.24. 29.5.24. 1924. In what manner are the surfaces of Iron or Steel Work preserved from oxidation inside and outside. Paint and cement. Present condition of Caulking of Bottom good. Deck, good. and Waterways good. If Sheathed, Doubled, Felted, Coppered, or Yellow Metalled. When last done. I am of opinion this Vessel should be Classed 15 A. "Ferry Service Fleetwood and Knott End". The Amount of the Entry Fee ... £ 2 : 0 : 0. Special ... £ 20 : 0 : 0. Received by me, E.H. Dean, Surveyor to Lloyd's Register of Shipping. Travelling Expenses, if any, £ 8 : 14 : 0. COMMITTEE WRITTEN. LIVERPOOL 22 JUL 1924. Committee's Minute. Character assigned + 15 A. "Ferry Service Fleetwood and Knott End". Record 7.24. + L.M.C 7.24.