

~~Awning or Shelter Deck,~~  
~~or Pl. Awning Deck~~

STEEL STEAMER.

No. 8672.

State of Report is also sent on the Machinery of the Vessel *Yes* herewith

Port of *Belfast* Date of completion of Report *11<sup>th</sup> February 1922* Received at London Office *10<sup>th</sup> Feb 14 1922*

Survey held at *Belfast* Date, First Survey *17<sup>th</sup> Dec<sup>r</sup> 1919* Last Survey *2<sup>nd</sup> February 1922*

On the (State if Single, Twin, or Triple Screw) *Twin 96 "SOPHOCLES"* Rig *fore & aft schooner.*

TONNAGE under Tonnage Deck *7887.91* CLASS *100 A1 "Shelter Dk"* FEET. *63.00* Master *A. Ogilvy*

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *2307.96* Breadth (greatest moulded) *63.00* Year of Appointment *1911*

Total under Upper Dk. *10195.84* Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *42.75* Built at *Belfast.*

Do. of Poop *144.94* Deduct height of tween deck when this does not exceed 8ft. *8.00* When built *1921-2 no* Launched *22<sup>nd</sup> Sept<sup>r</sup> 1921*

Do. of R. or Dk. *7.61* Transverse Number *97.75* By whom built *Karland & Wolff Ltd.*

Do. of Bridge House *845.32* Length on deck from fore part of stem to after part of sternpost *500* Owners *G. Thompson & Co Ltd.*

Do. of Forecastle *168.33* Longitudinal Number *48875* Managers *(Where necessary to be entered in Reg. Book.)*

Do. of Houses on Deck *999.04* Depth "d" at middle of length. See Secs. 2 & 13 *18.67* Residence

Do. of excess of Hatchways  Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *11.69* Port belonging to *Abideen.*

Do. above Crown of Engine Room  " " " Upper Deck at side to top of keel *14.60*

Gross Tonnage *12361.11* Destined Voyage *London* If Surveyed while Building, Afloat, or in Dry Dock *Yes.*

Net Tonnage *7366.61*

FT.	INS.	BREADTH	FT.	INS.	DEPTH, ACTUAL	FT.	INS.	No. of Decks with flat laid
500	0	Moulded 63	0	0	Top of Floors to top of Awning or Shelter Dk. Beams	39	8	2
					do. Upper Deck Beams	31	2	2

Dimensions of Ship per Register, Length *500.4* breadth *63.25* depth *31.15* Upper Deck. Moulded depth, ft. *34* ins. *3* To Upper Dk.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
IE, Angles, or Bars, amidships	9 x 3 1/2 x 3 1/2	5 1/2	9 x 3 1/2 x 3 1/2	5 1/2	9 x 3 1/2 x 3 1/2	5 1/2
in peaks	8 1/2	3 1/2	8 1/2	3 1/2	8 1/2	3 1/2
in way of Double Bottoms at Solid Floors	8 1/2	3 1/2	8 1/2	3 1/2	8 1/2	3 1/2
" " at intermd. Dkts.	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
ing of Frames from centre to centre amidships	28 1/2		28 1/2		28 1/2	
length to collision bulkhead	27		27		27	
of Frames from centre to centre in peaks	24	25	24	25	24	25
ERSED FRAME, Angles, on channels	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
in way of Double bottoms at Solid Floors	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
" " at intermd. Dkts.						
MING, depth of girder	9		9		9	
ORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						
in way of Engine and Boiler spaces						
thickness at the ends of vessel	40		40		40	
depth at 1/2 the half-bdth. as per Rule						
height extended at the Bilges						
DOORS, in Cell Double Bottoms	46	40	46	40	46	40
state if flanged (top and bottom)	no		no		no	
spacing of Solid	28 1/2		28 1/2		28 1/2	
NTRE GIRDER, in Dbl. bottom, dpth. & thickness	49	62	49	62	49	62
" " Angles, Top	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
" " Bottom	5	5	6 1/2	5	5	6 1/2
" " to Floors	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
Brackets at intermd. frmg. width & thickness						
DE GIRDERS, number and thickness	Three		4 1/2		4 1/2	
state if flanged (top & bottom)	no		no		no	
Angles	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	47	57	47	57	47	57
Angles to outside plating	4	4	5 1/2	4	4	5 1/2
to floors	3 1/2	3 1/2	5 1/2	3 1/2	3 1/2	5 1/2
Brackets at intermd. frmg. width & thickness						
Height of Brackets above at bilge	31		31		31	
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	49	58	49	58	49	58
thickness in Engine and Boiler space	5 1/2	6 1/2	5 1/2	6 1/2	5 1/2	6 1/2
Remainder in Holds	46	40	46	40	46	40
BEAMS, Awning or Shlter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F
Spacing	28 1/2		28 1/2		28 1/2	
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F	8 x 3 x 3 x 50 F
Spacing	28 1/2		28 1/2		28 1/2	
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9 x 3 1/2 x 3 1/2 x 56 F	9 x 3 1/2 x 3 1/2 x 56 F	9 x 3 1/2 x 3 1/2 x 56 F	9 x 3 1/2 x 3 1/2 x 56 F	9 x 3 1/2 x 3 1/2 x 56 F	9 x 3 1/2 x 3 1/2 x 56 F
Angles on upper edge						
Spacing	28 1/2		28 1/2		28 1/2	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W
Angles on upper edge						
Spacing	28 1/2		28 1/2		28 1/2	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W
Angles on upper edge						
Spacing	27 1/2		27 1/2		27 1/2	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W	7 x 3 x 3 x 40 W
Angles on upper edge						
Spacing	27 1/2		27 1/2		27 1/2	

PILLARS. 3 Rows.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, in 'tween Deck, size and spacing	4 1/2 x 3	5 1/2	4 1/2 x 3	5 1/2	4 1/2 x 3	5 1/2
" " Hold	5 1/2 x 6	5 1/2	5 1/2 x 6	5 1/2	5 1/2 x 6	5 1/2
" " Quarter, 'tween Dks., "						
" " in Hold						
KEELSONS AND STRINGERS.						
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
Rider Plate						
Flat Keel Plate Angles						
Horizontal Plates on Floors						
Angles or Bulb Angles						
SIDE KEELSONS, Number						
Angles or Bulb Angles						
Plate above floors for length						
Intercoastal Plate, for length						
Attached to outside plating with Angle						
BILGE KEELSON, Angles						
Intercoastal Plate, for length						
Attached to outside plating with Angle						
SIDE STRINGERS, Number	Three		Three		Three	
Angle	7 3/2	5 1/2	7 3/2	5 1/2	7 3/2	5 1/2
Intercoastal Plate, for full lng.	Double	4 1/2	Double	4 1/2	Double	4 1/2
Attached to outside plating with Angle	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2
Awning or Shelter Deck Stringer Plates	63 to 39 x 46	63 to 39 x 46	63 to 39 x 46	63 to 39 x 46	63 to 39 x 46	63 to 39 x 46
breadth and thickness						
Angle on ditto	63 x 39	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68
Tie Plates, fore and aft, outside Hatchways	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52
Deck, Steel, for full lng.	48 to 36	42 in way of Bridge	48 to 36	42 in way of Bridge	48 to 36	42 in way of Bridge
Wood Deck, Material & thickness	Pitch Pine 3 1/2	where exposed	Pitch Pine 3 1/2	where exposed	Pitch Pine 3 1/2	where exposed
Upper Deck Stringer Plate, breadth and thickness	51	52	51	52	51	52
Angles on ditto, No. 2	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52
Tie Plates, outside Hatchways	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52
Deck, Iron or Steel, for full lng.	42 to 32	42 to 32	42 to 32	42 to 32	42 to 32	42 to 32
Wood Deck, Material & thickness	36 in way of Bridge		36 in way of Bridge		36 in way of Bridge	
Second Deck Stringer Plates, br'dth & thickn's	51	46	51	46	51	46
Angles on ditto, No. 2	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52	4 x 4 x 52
Tie Plates, outside Hatchways	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52	3 x 3 x 52
Deck, Material and thickness	Steel	36 to 32	Steel	36 to 32	Steel	36 to 32
Third, Fourth & Fifth Deck Stringer Plates						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Deck, Material and thickness						
Poop Deck Stringer Plate, breadth & thickness	39	38	39	38	39	38
Angles on ditto	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38
Tie Plates						
Deck, Material and thickness	Steel 36	sheathed with 3 P.P. where exposed	Steel 36	sheathed with 3 P.P. where exposed	Steel 36	sheathed with 3 P.P. where exposed
Bridge Deck Stringer Plate, br'dth & thickness	64	56	64	56	64	56
Angle on ditto	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68	5 x 5 x 68
Tie Plates	Double		Double		Double	
Deck, Material and thickness	Steel 46	sheathed with 3 P.P. where exposed	Steel 46	sheathed with 3 P.P. where exposed	Steel 46	sheathed with 3 P.P. where exposed
Forecastle Deck Stringer Plate, br'dth & th'kns	39	38	39	38	39	38
Angle on ditto	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38	3 1/2 x 3 1/2	38
Tie Plates						
Deck, Material and thickness	Steel 36	sheathed with 3 P.P. where exposed	Steel 36	sheathed with 3 P.P. where exposed	Steel 36	sheathed with 3 P.P. where exposed

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







WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as App.	Inches per Rule. Or as App.
FRAMES, In Fore Body, No. and spacing					
" " brdth. & thickness					
No. of Side Stringers " "					
FRAMES, In E. & B. Space, No. & spacing					
" " brdth. & thickness					
FRAMES, In After Body, No. and spacing					
" " brdth. & thickness					
No. of Side Stringers " "					
Plates to Web-Frames					
Stringers between					
Thickness					
STIFFENING					

re damage on 29th October 1921

ring out on the fitting out quay against which the  
five plates on Port Side abreast engine room were slight  
the frames. - These shell plates J11, K12, L12, and N12, have been  
not replaced, and one plate M12 has been faired in place.  
ing in way of same was examined and found undamaged.

L. Kendall

PARTICULARS FOR RECORD in the REGISTER BOOK. - Length of Poop 34 ft., R.Q.D. ft., Bridge 225.7 ft., Forecastle 86.7  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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  
should appear in the Register Book) 2 Dks (Sh) & Shelter Dk (Sh - ws) 10 Bds, 9 extended to Shelter Deck.  
Official No. 144805; Signal Letters State if Machinery is fitted aft no.  
How are the surfaces preserved from oxidation? Inside Paint, Portland cement & bitumastic 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,	128	413	Fore peak tank,		175
Double bottom, under Engines and Boilers,	133	754	After peak tank,		158
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	164	655	Other tanks, if fitted Fresh Water Tanks at sides,	14	40
	Total capacity of double bottom	1822	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 425

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

Order for Special Survey No. 684  
Date 10-1-20  
No. 575 in builder's yard.  
DATES of Surveys held while building  
1919 Dec 17, 1920 Jan 6-10-13-17-21-25-29 Feb 2-4-9-17-19-26, Mar 4-8-10-25, Apr 7-15,  
Apr 26-27, May 5-6-10-11-14-18-26 June 1-3-10-23-25, July 27, Aug 3-5-17-25-27, Sept 6-  
Sept 16-17-20-27-30 Oct 7-11-18-19 Nov 4-10-11-16-18-19-29 Dec 7-8-21/1921 Jan 4-6-7  
Feb 1-3-8-15, Mar 3-7-8-14-18-23, Apr 1-5-8-14-20, May 2-9-10-23-25-31, June 7-9-15-20-21-27, July 18-26-27  
Aug 2-4-8-6-19-23-26-31 Sept 1-2-6-8-9-12-13-16-19-20-21 Oct 4-6-14-22-24-26 Nov 1-2-3-7 Total No. of Visits 14/4  
Nov 11-16-24 Dec 3-7-9-15-16-19/1922 Jan 4-10-12-23-25-26-31 Feb 1-2

Surveyor's Signature L. Kendall