

Spar, or ~~Awning~~ Dk.

IRON OR STEEL STEAMER.

No. 28004

State if Report is also sent on the Machinery of the Vessel *yes*Port of *Glasgow*Date of completion of Report *Aug: 16th 1909*

Received at London Office

WED 18 AUG 1909

Survey held at *Glasgow*Date, First Survey *9th Nov/08*Last Survey *August 14th*

1909

On the *Steel Screw Steamer "GLENSHIEL"*Rig *Schooner*TONNAGE under Tonnage Deck *4548.67*

Do. between Tonnage Dk. and 3rd, 4th, Spar or Awning Dk.

Total under Upper Dk.

Do. of Poop Deck House *7.84*Do. of Bridge House *8.86*Do. of Forecastle *62.56*Do. of Houses on Deck *116.42*Do. of excess of Hatchways *16.51*Do. above Crown of Engine Room *37.27*Gross Tonnage *4798.13*Less Crew Space *138.17*Less above Crown of Engine Room *37.27*TONNAGE FOR FEES... *4622.69*Less Engine Room *1535.40*Less Navigation Spaces *70.35*Register Tonnage *3054.21*

as cut on Beam...

SPAR, ~~AWNING OR POOP DECK~~ DECKED VESSEL,

or a Vessel having a continuous Shide Deck.

CLASS *100 A1 "Spar Deck"*Half Breadth (moulded) *25.77*Depth from upper part of keel to top of Main Deck Beams *22.60*

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) *44.20*1st Number *92.57*Length on deck from after part of stem to fore part of stern post *397.5*2nd Number *36796*Proportions—Breadth to Length *7.70*Depths to Length—Spar Deck to top of Keel *12.99*Destined Voyage *India*Master *A Ellis*Year of Appointment *1879*Built at *Glasgow*When built *1909* Launched *July 5th 1909*By whom built *C. Bonnell & Co*Owners *S. S. Hairloch & Co*Managers *Jas. Gardner & Co*Residence *Glasgow*Port belonging to *Glasgow*If Surveyed while Building, Afloat, or in Dry Dock *yes*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	Top of Floors to top of Spar or Awning Dk. Beams	Ft.	Ins.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
397	6		51	6		26.9			27	12		17	1134	2	20 deep for

Dimensions of Ship per Register, Length *400.0* breadth *52.0* depth *26.9* Spar or Awning Dk. Moulded depth, ft. *29* ins. *6 3/4* To Main Dk. Round up of Main Dk. Beam, Actual *14* ins.

FRAMING.			Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches in Ship.	Inches in Ship.	20ths in Ship.
FRAME, Angles, or Bars, for 1/2 length amidships			6	3 1/2	9	6	3 1/2	9
Do. for 1/2 at each end			6	3 1/2	8	6	3 1/2	8
Do. in way of Double Bottoms at Solid Floors			3 1/2	3 1/2	8	3 1/2	3 1/2	8
Spacing of Frames from centre to centre			7	3 1/2	9-8	7	3 1/2	9-8
REVERSED FRAME, Angles			7	10		7	10	
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-bdth. as per Rule								
height extended at the Bilges								
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom)								
spacing			24			24		
CENTRE GIRDER, in Double bottom, depth and thickness			43	10-8	43	10-8		
Angles, Top			3 1/2	3 1/2	10	3 1/2	3 1/2	10
Angles, Bottom			4 1/2	4 1/2	12	4 1/2	4 1/2	12
SIDE GIRDERS, number and thickness			Two	8	Two	8		
Angles			3	3	8	3	3	8
MARGIN PLATE, depth (exclusive of flange) and thickness			36	10	35	10		
Angles to outside plating			4	4	10	4	4	10
to floors			5	3	8	5	3	8
Height of floors at the Bilges			5-10		5-10			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			72	10	43	10		
thickness in Engine and Boiler space			29/16	16	29/16	16		
Remainder in Holds			8-7		8-7			
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb			7 1/2	3	9	6 1/2	3	8
Angles on upper edge								
Spacing			24		24			
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb			10-3 1/2	3 1/2	11	9 1/2	3 1/2	12
Angles on upper edge								
Spacing			48		48			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb								
Angles on upper edge								
Spacing								
BEAM, Hold, or Orlop, Plate or Tee Bulb								
Angles on upper edge								
Spacing								
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb			7-3 1/2	3 1/2	10	7 1/2	3 1/2	9
Angles on upper edge								
Spacing			48		48			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb			6 1/2	3	8	6 1/2	3	8
Angles on upper edge								
Spacing			24		24			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb			9	5 1/2	9	9	5 1/2	9
Angles on upper edge								
Spacing			48		48			
PILLARS, in 'tween Deck, size and spacing			2 7/8	2	48	2 7/8	2	48
Hold			4	2	48	4	2	48
Quarter, 'tween Dks.								
in Hold								
WEB FRAMES, in Fore Body, No. and spacing								
No. of Side Stringers								
WEB FRAMES, in E. & B. Space, No. and spacing								
brdth. & thickness								
WEB FRAMES, in After Body, No. and spacing								
brdth. & thickness								
No. of Side Stringers								
Size of Angles			6 1/2	4 1/2	12	6 1/2	4 1/2	12
BRACKET PLATES to Stringers between Web Frames, depth and thickness								

FORGINGS AND CASTINGS			Inches in Ship.	Inches per Rule.
KEEL, Bar or Side Plates, depth and thickness			11 x 3	11 x 3
STEM, moulding and thickness			11 x 7	11 x 7
STERN-POST for Rudder do. do.			11 x 7	11 x 7
for Propeller			10	10
MAIN PIECE of Rudder, diameter at head			7 1/2	7 1/2
do at heel				
RUDDER, how constructed			Single plate	22/20
Can the Rudder be unshipped afloat?			yes	

KEELSONS AND STRINGERS.			Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches in Ship.	Inches in Ship.	20ths in Ship.
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 length								
Intercoastal Plate, for length								
Attached to outside plating with Angle								
BILGE KEELSON, Angles								
Bulb or Plate above floors, for length								
Intercoastal Plate, for length								
Attached to outside plating with Angle								
BILGE STRINGER Angles								
Bulb Plate, for length								
Intercoastal Plate, for length								
Attached to outside plating with Angle								
2 SIDE STRINGERS Angles			6 1/2	4 1/2	12	6 1/2	4 1/2	12
Bulb or Intercoastal Plate, for full length			3 1/2	3 1/2	9-8	3 1/2	3 1/2	9-8
Attached to outside plating with Angle								

Spar, Awning Deck Stringer Plates,			Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches in Ship.	Inches in Ship.	20ths in Ship.
breadth and thickness			61	11-13	61	11-13		
Angle on ditto			5 x 5	11	5 x 5	11		
Tie Plates, fore and aft, outside Hatchways								
Diagonal Tie Plates, No. of pair								
Deck * Iron or Steel, for full length			8-7		8-7			
Wood Deck, Material & thickness								
Main Deck Stringer Plate, breadth & thickness			4 1/2	9	4 1/2	9		
Angles on ditto, No.								
Tie Plates, outside Hatchways								
Diagonal Tie Plates, No. of pair								
Deck * Iron or Steel, for full length			8-7		8-7			
Wood Deck, Material & thickness								
Lower Deck Stringer Plates, br'dth & thckn's								
Angles on ditto, No.								
Tie Plates, outside Hatchways								
Deck * Material and thickness								
Hold, or Orlop Stringer Plate, br'dth & thckn's								
Angles on ditto, No.								
Tie Plates, outside Hatchways								
Deck, Material and thickness								
Poop Deck Stringer Plate, breadth & thickness			3 1/2	8	3 1/2	8		
Angles on ditto								
Tie Plates								
Deck, Material and thickness			4 1/2	7 1/2	4 1/2	7 1/2		
Bridge Deck Stringer Plate, br'dth & thickness			4 1/2	12	4 1/2	12		
Angle on ditto								
Tie Plates								
Deck, Material and thickness			3 1/2	8	3 1/2	8		
Forecastle Deck Stringer Plate, br'dth & th'kns			3 1/2	8	3 1/2	8		
Angle on ditto								
Tie Plates								
Deck, Material and thickness			5 x 3 1/2		5 x 3 1/2			

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

BULKHEADS.			Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
			In Vessel.	Per Rule.	Horizontal.	Vertical.	
					Size.	Spacing.	
					Inches.	Inches.	
			6	6	7-6	9 x 3 1/2	20 BA
						6 1/2 FLANGE	30 Dble
							Steel
							</

Write "Sheet 3" in the corresponding letter.

FRAMES extend in one length from center line to Margin at top of Spar Poop, Bridge & Deck state if ordinary or jogged? ordinary
 REVERSED FRAMES on floor and frames extend from to Spar On all for a alt state if ordinary or jogged? ordinary

EQUIPMENT No. 46016 LETTER Y ANCHORS.

CHAIN CABLES.				HAWSERS AND WARPS.	
Length and Size	Test per	Weight of Chain Cable	Fathoms and		

Boats *Life & others*
Pumps, Number *Drumton 1 Hand* Diameter of Barrel *5 & 3* State whether they are in efficient condition *Y*



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