

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office FEB. 21. 1917

Date of completion of report 19.2.17. Port of Middlesbrough
Survey held at Stockton-on-Tees Date, First Survey 26th Jan'y 16 Last Survey 14th February 1917
On the (State if Single, Twin or Triple Screw) Steamer "Ephelanie" Rig Schooner
TONNAGE under 3008.71 CLASS +100A1. Master A. Antkowiak
Tonnage Deck... Year of appointment (1) As Master in service of owner of present vessel: 1917
Do. between Tonnage Dk. and 3rd and 4th Dk. Built at Stockton
Total under Upper Dk. When built 1917 Launched 10. Nov. 1916
Do. of Poop By whom built Rymer Sons Ltd
Do. of Bridge Houses Owners The Harrowing S.S. Coy Ltd
Do. of Forecastle
Do. of Houses on Dk. Managers
Do. of excess of Hatchways
Do. above Crown of Engine Room
Gross Tonnage 3231.74
Less Crew Space
Less above Crown of Engine Room
TONNAGE FOR FEES 3090.82
Residence Whitby
Port belonging to Whitby

Breadth (greatest moulded) 47.80
Depth, at middle of length from top of keel to top of upper deck beams at side 24.83
Transverse Number 72.63
Length on deck from fore part of stem to after part of stern post 335
Longitudinal Number 24331
Depth "d," at middle of length (See Secs. 2 & 13) 21.66
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.49
" " Long Bridge Deck Beam at side to top of keel 10.21
Destined Voyage If Surveyed while Building, Afloat, or in Dry Dock Yes

Dimensions of Ship per Register, Length 335 breadth 47.8 depth 23.4 Moulded depth, ft. 32 ins. 9 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 ins.
No. of Decks with flat laid One
No. of Tiers of Beams

FRAMING.				PILLARS.			
	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
ME, Angles, or Bars amidships	10 3/4	5 1/4	10 3/4 5 1/4	PILLARS, In 'tween Deck, size and spacing	23 1/4	49	23 1/4 49
" in peaks	5 1/2	3 1/2	5 1/2 3 1/2	" " Hold	"	"	Plat centre division
" in way of Double Bottoms at Solid Floors...	3 1/2	3 1/2	3 1/2 3 1/2	" Quarter 'tween Dks.,	"	"	Strengthened hatch
" " at intermdt. Bkts.	7	3 1/2	7 3 1/2	" " in Hold	"	"	Coverings
ing of Frames from centre to centre amidships	24 1/2	.	24 1/2 .	KEELSONS & STRINGERS.			
" " from 1/2 }	"	.	" .	CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate	40	58 1/2	40 58 1/2
" " length to Collision bulkhead }	24	.	24 .	" Rider Plate	.	.	.
" " in peaks..	3 1/2	3	3 1/2 3	" Flat Plate Keel Angles	4	58	4 58
ERSED FRAME, Angles.. Peaks	3 1/2	3	3 1/2 3	" Horizontal Plates on Floors	40	54	40 54
" in way of Double Bottoms at Solid Floors...	Hanged	Hanged		" Angles or Bulb Angles	4	58	4 58
" " at intermdt. Bkts.	6 1/2	3	6 1/2 3	SIDE KEELSONS, Number	Two	Two	
MING, depth of girder	.	.	.	" Angles or Bulb Angles	6 1/2	5	6 1/2 5
ORS, depth and thickness of Floor Plate } at mid-line for 1/2 length amidships... }	.	.	.	" Plate above floors, for full length...	10	54	10 54
" in way of Engine and Boiler Spaces ... I	30	56	30 56	" Intercoastal Plate, for " length	I	46	I 46
thickness at the ends of vessel	.	.	.	" Attached to outside Plating with Angle...	3 1/2	46	3 1/2 46
depth at 1/2 the half breadth, as per Rule ...	.	.	.	BILGE KEELSON, Angles	.	.	.
height extended at the Bilges	.	.	.	" Intercoastal Plate for length	.	.	.
DOORS in Cell. Double Bottoms.....	1.36-34	.	1.36-34	" Attached to outside Plating with Angle ...	.	.	.
" state if flanged (top & bottom).....	140	40		SIDE STRINGERS, Number	.	.	.
" Spacing of Solid floors	49-24 1/2	49-24 1/2		" " Angle	.	.	.
NTRE GIRDER, in Dbl. bottom, dpth. & thknss.	40 48-38	40 48-38		" Intercoastal Plate, for length ...	.	.	.
" " Angles, Top	4 4 58/64	4 4 58/64		" Attached to outside plating with Angle.....	.	.	.
" " Bottom	4 4 58/64	4 4 58/64		Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	55-32	62 1/4	55-32 62 1/4
" " to Floors	5 5 52	5 5 52		" " " " br'dth & thickness (in way of Bridge)	55-1	46	55 46
" Brackets at intermdt. frmg., wdth & thknss	30 36 34	30 36 34		" " Angle (clear of Bridge) ...	4 1/2 x 4 1/2	64	4 1/2 x 4 1/2 64
DE GIRDERS, number on each side & thickness	240 36-34	240 36-34		" " Tie Plate at sides of Hatchways.....	.	.	.
" state if flanged (top and bottom)	240 36-34	240 36-34		" Deck. * Iron or Steel, for full lng.	.	.	.
" " Angles (top and bottom)	3 1/2 3 1/2 36	3 1/2 3 1/2 36		" " Thickness (clear of Bridge)	46-1	35	46-1 35
" " to Floors.....	3 1/2 3 1/2 36	3 1/2 3 1/2 36		" " (in way of Bridge) .....	.	.	.
ARGIN PLATE, depth (exclusive of flange) } and thickness..... }	3 1/2 3 1/2 42	3 1/2 3 1/2 42		" Wood Deck. Material & thickness	.	.	.
" " Angle to Outside Plating.....	3 1/2 3 1/2 42	3 1/2 3 1/2 42		Second Deck Stringer Plate, br'dth & thickness	.	.	.
" " Floors	3 1/2 3 1/2 36	3 1/2 3 1/2 36		" Angles on ditto, No.	.	.	.
" Brackets at intermdt. frmg., wdth & thknss	30 36 34	30 36 34		" Tie Plates outside Hatchways .....	.	.	.
" Height of Outside Brackets above at bilge	22 1/2	.	22 1/2 .	" Deck. * Iron or Steel, for lng.	.	.	.
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake }	57 1/2 44 36	57 1/2 44 36		" Wood Deck. Material & thickness	.	.	.
" " in Engine and Boiler space	1.5 I	1.5 I		Third Deck Stringer Plate, br'dth & thickness	.	.	.
" " Remainder in Holds.....	1.38-34	1.38-34		" Angles on ditto, No.	.	.	.
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }	8 1/2 3 1/2 5	8 1/2 3 1/2 5		" Tie Plates, outside Hatchways.....	.	.	.
" " In way of Long Bridge	8 3 44	8 3 44		" Deck. * Material and thickness	.	.	.
" " Spacing	24 1/2	.	24 1/2 .	Fourth and Fifth Deck Stringer Plate, breadth & thickness }	.	.	.
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }	.	.	.	" " Angles on ditto, No.	.	.	.
" " Spacing	.	.	.	" " Tie Plates outside Hatchways	.	.	.
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel }	.	.	.	" " Deck. Material & thickness	.	.	.
" " Angles on upper edge	.	.	.	Poop Deck Stringer Plate, breadth & thickness	32 32	32 32	
" " Spacing	.	.	.	" Angle on ditto	3 x 3	32	3 x 3 32
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel }	6 3 4	6 3 4		" Tie Plates	.	.	.
" " Angles on upper edge	.	.	.	" Deck. Material and thickness	I 3	I 3	
" " Spacing	24 1/2	.	24 1/2 .	Bridge Deck Stringer Plate, br'dth & thickness	49 52	49 52	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel }	8 3 44	8 3 44		" Angle on ditto	4 1/2 x 4 1/2	56	4 1/2 x 4 1/2 56
" " Angles on upper edge	.	.	.	" Tie Plates	.	.	.
" " Spacing	24 1/2	.	24 1/2 .	" Deck. Material and thickness	I 37 1	I 37 1	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel }	6 1/2 3 4	6 1/2 3 4		Forecastle Deck Stringer Plate, br'dth & th'kns	32 32 32	32 32 32	
" " Angles on upper edge	.	.	.	" Angle on ditto	3 1/2 x 3 1/2	32	3 1/2 x 3 1/2 32
" " Spacing	24 1/2	.	24 1/2 .	" Tie Plates	.	.	.
	.	.	.	" Deck. Material and thickness	1 26 1 26	1 26 1 26	

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

Lloyd's Register

Form No. 1A. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. RIVETING. BUTTS. STRAKES. THICKNESS OF SHEET PILE. UPPER DECK STRINGER PLATE. SECOND DECK STRINGER PLATE. FRAMES. REVERSED FRAMES. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS, LANTS AND REMAINDER OF SPARS. RIGGING, MATERIAL AND SIZE, SHROUDS. SAILS.

EQUIPMENT No. 25588. LETTER V. ANCHORS. TONNAGE U. D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Hold. Cargo Hatchways. State size. Number of Web Plates. Bulwarks. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? to plate, &c., conform well to each other? from the faying surfaces? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. This vessel has been built in accordance with the approved plans the Secretary's letters of above dates, and in general conformity with the Rules for the class contemplated. During gear trial and found efficient. Collision Bulkhead tested as required by the Rules. Five plans and two forging reports are forwarded herewith together with a copy of the Mid. Sec. & Prop. plans as built. This is a sister vessel to the Ss. Maphwood. Mid. report No 9105.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 31 ft., R.Q.D. ✓ ft., Bridge 100 ft., Forecastle 35 ft.
(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 it should appear in the Register Book) 1 Deck (Hull Deck) (Hull Deck) ✓

Official No. 137074 ; Signal Letters _____ State if Machinery is fitted aft 20
How are the surfaces preserved from oxidation? Inside Paint + Cement Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>110.25</u>	<u>292</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>✓</u>	<u>✓</u>	After peak tank,	<u>18</u>	<u>96</u>
Double bottom, if under Engines only,	<u>22.45</u>	<u>78</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,		
Double bottom, forward,	<u>144.95</u>	<u>442</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>812</u>	(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. 1184

Date 14th Feb 1916

No. 596 in builder's yard.

DATES OF SURVEYS held while building

1916. Jan 26. Mar 24. 29. April 3. 7. 11. 13. 14. 25. May 2. 8. 11. 16. 19. 24. 25. 29. 31. June 8. 9. 13. 15. 16. 19. 23. 26. 29. 30. July 6. 7. 12. 19. 28. Aug 4. 10. 24. 30. Sep 11. 12. 21. 29. Oct 3. 5. 11. 13. 18. 21. 24. 26. 27. 31. Nov 1. 3. 6. 9. 10. Dec 7. 14. 21. 28. 1917. Jan 3. 10. 15. 19. 22. 26. 30. Feb 1. 5. 7. 8. 13. 14

Total No. of Visits 73

Surveyor's Signature

D. D. Baker