

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office WED SEP 22

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

Date of completion of report  
Survey held at

Port of

NEWCASTLE-ON-TYNE

No. 73567

Date, First Survey

Last Survey

On the (State if Single, Twin, or Triple Screw)

Steel Single Sc. Steamer "NAWORTH" ex "KILLOUR"

Rig Schooner

TONNAGE under

CLASS

FEET.

Master

Year of appointment

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

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded)

29.83

Built at

Middlesbrough

Total under Upper Dk.

Depth, at middle of length from top of keel to top of upper deck beams at side

16.50

When built

Launched

Do. of Poop

Transverse Number

46.33

By whom built

Smiths & Co. Ltd.

House

Length on deck from fore part of stem to after part of stern post

170

Owners

Bryan Burrellson

on Dk.

Longitudinal Number

7876

Managers

Joplin & Hull

of Hatchways

Depth "d," at middle of length (See Secs. 2 & 13)

15.0

Residence

Newcastle

own of

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

10.3

Port belonging to

Newcastle

age

Do. of Poop

Destined Voyage

Coasting

If Surveyed while Building, Afloat, & in Dry Dock

Feet.		Inches.		BREADTH—		Feet.		Inches.		DEPTH, ACTUAL—		Top of Floors to top of Upper Dk. Beams		Feet.		Inches.		No. of Decks with flat laid	
170	0			Moulded	...	29	10	Do.	do.	do.	do.	do.	do.	do.	do.	15	8 1/2	No. of Tiers of Beams	one
Ship per Register, Length 172.2 breadth 30.0 depth 15.75										Moulded depth, ft. 16 ins. 6 To Upper Dk. Round of Upper Dk. Beam, Actual 8 ins.									
FRAMING.						PILLARS.						KEELSONS & STRINGERS.							
						PILLARS In 'tween Deck, size and spacing													
E or L Bars amidships						Hold						deep brackets							
Angles						Quarter 'tween Dks.													
Double Bottoms at Solid Floors						in Hold													
at intermdt. Bkts.																			
Lines from centre to centre amidships																			
from 1/2 length to Collision bulkhead																			
in peaks																			
RAME, Angles																			
Double Bottoms at Solid Floors																			
at intermdt. Bkts.																			
th of girder																			
th and thickness of Floor Plate																			
mid-line for 1/2 length amidships																			
Engine and Boiler Spaces																			
at the ends of vessel																			
the half breadth, as per Rule																			
extended at the Bilges																			
ell. Double Bottoms																			
if flanged (top & bottom)																			
ng of Solid floors																			
DER, in Dbl. bottom, dpth. & thknss.																			
Angles, Top																			
Bottom																			
to Floors																			
ets at intermdt. frmg., wdth & thknss																			
RS, number on each side & thickness																			
state if flanged (top and bottom)																			
Angles (top and bottom)																			
to Floors																			
TE, depth (exclusive of flange)																			
and thickness																			
Angle to Outside Plating																			
Floors																			
ets at intermdt. frmg., wdth & thknss																			
t of Outside Brackets above at bilge																			
TOM PLATING, breadth and																			
thickness of Middle Line Strake																			
in Engine and Boiler space																			
Remainder in Holds																			
per Deck, Single Angle, Bulb																			
Angle, Plate, Tee Bulb, or Channel																			
way of Long Bridge																			
cing																			
ond Deck, Single Angle, Bulb																			
Angle, Plate, Tee Bulb, or Channel																			
acing																			
rd and Fourth Deck, Single Angle,																			
Bulb Angle, Plate, Tee Bulb, or Channel																			
gles on upper edge																			
acing																			
p Deck, Angle, Bulb Angle, Plate,																			
Tee Bulb, or Channel																			
gles on upper edge																			
acing																			
ge Deck, Angle, Bulb Angle, Plate,																			
Tee Bulb, or Channel																			
gles on upper edge																			
acing																			
ecastle Deck, Angle, Bulb Angle,																			
Plate, Tee Bulb, or Channel																			
gles on upper edge																			
acing																			
PILLARS																			
PILLARS In 'tween Deck, size and spacing																			
Hold																			
Quarter 'tween Dks.																			
in Hold																			
KEELSONS & STRINGERS																			
CENTRE LINE KEELSON, Vertical Plate above																			
floors Through Plate, or Intercoastal Plate																			
Rider Plate																			
Flat Plate Keel 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																			
Angle																			
Intercoastal Plate, for length																			
Attached to outside plating with Angle																			
Upper Deck Stringer Plate, br'dth & thickness																			
(clear of Bridge)																			
br'dth & thickness																			
(in way of Bridge)																			
Angle (clear of Bridge)																			
Tie Plate at sides of Hatchways																			
Deck, Iron or Steel, for full lng.																			
Thickness (clear of Bridge)																			
(in way of Bridge)																			
Wood Deck. Material & thickness																			
Second Deck Stringer Plate, br'dth & thickness																			
Angles on ditto, No.																			
Tie Plates outside Hatchways																			
Deck, Iron or Steel, for lng.																			
Wood Deck. Material & thickness																			
Third Deck Stringer Plate, br'dth & thickness																			
Angles on ditto, No.																			
Tie Plates, outside Hatchways																			
Deck, Material and thickness																			
Fourth and Fifth Deck Stringer Plate, breadth & thickness																			
Angles on ditto, No.																			
Tie Plates outside Hatchways																			
Deck, Material & thickness																			
Poop Deck Stringer Plate, breadth & thickness																			
Angle on ditto																			
Tie Plates																			
Deck, Material and thickness																			
Bridge Deck Stringer Plate, br'dth & thickness																			
Angle on ditto																			
Tie Plates																			
Deck, Material and thickness																			
Forecastle Deck Stringer Plate, br'dth & th'kns																			
Angle on ditto																			
Tie Plates																			
Deck, Material and thickness																			

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



WEB FRAMES.				FORGINGS OR CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB-FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.			
brdth. & thickness				for Propeller			
WEB-FRAMES, In After Body, No. and spacing				RUDDER—A x D Table 22. Speed			
brdth. & thickness				Main-Piece, diameter at head			
No. of Side Stringers				at heel			
Size of Face Angles to Web-Frames.....				RUDDER, how constructed			
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....				Thickness of Plates or Single Plate			
				Can the Rudder be unshipped afloat?			
				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, Plating, &c.?			
				Has the Steel been tested as required by the Rules?			
BULKHEADS.				STIFFENERS.			
Vessel, Per Rule.				Horizontal, Vertical, Single or Double Frames, Height up, state deck.			
W.T. BULKHEADS				W.T. BULKHEADS			
ap peak				ap peak			
COLLISION PARTITION				COLLISION PARTITION			
LONGITUDINAL				LONGITUDINAL			
Are the outside Plates doubled two spaces of Frames in length?				Are the outside Plates doubled two spaces of Frames in length?			
Are the Slatice Valves and Watertight Doors in efficient working order?				Are the Slatice Valves and Watertight Doors in efficient working order?			
PLATING.				RIVETING.			
STRAKES.				STRAKES.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
AMIDSHIP, FORWARD, AFT.				AMIDSHIP, FORWARD, AFT.			
Inches, Thickness, Thickness, Thickness.				Inches, Thickness, Thickness, Thickness.			
FLAT PLATE KEEL.....				FLAT PLATE KEEL.....			
GARBOARD OR A STRAKE				GARBOARD OR A STRAKE			
B				B			
C				C			
D				D			
E				E			
F				F			
G				G			
H				H			
J				J			
K				K			
L				L			
M				M			
N				N			
O				O			
P				P			
Q				Q			
R				R			
S				S			
T				T			
U				U			
V				V			
W				W			
THICKNESS OF SHEERSTRAKE				THICKNESS OF SHEERSTRAKE			
CLEAR OF LONG BRIDGE				CLEAR OF LONG BRIDGE			
DO. OF STRAKE BELOW				DO. OF STRAKE BELOW			
DELEG. of Flat Plate Keel				DELEG. of Flat Plate Keel			
Sheerstrakes				Sheerstrakes			
Length and thickness				Length and thickness			
POOP SIDES				POOP SIDES			
SHORT BRIDGE SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES				FORECASTLE SIDES			
Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.				Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.			
Upper Deck Stringer Plate				Upper Deck Stringer Plate			
Butts, double riveted for				Butts, double riveted for			
Straps, single, double or overlapped for				Straps, single, double or overlapped for			
Second Deck Stringer Plate				Second Deck Stringer Plate			
Butts, riveted for				Butts, riveted for			
Straps, single or overlapped for				Straps, single or overlapped for			
FRAMES extend in one length from				FRAMES extend in one length from			
REVERSED FRAMES on floors and frames extend from				REVERSED FRAMES on floors and frames extend from			
MASTS, SPARS, &c.				MASTS, SPARS, &c.			
Material, Total Length, Diameter and Thickness, No. of Plates in round, ANGLES, Riveting.				Material, Total Length, Diameter and Thickness, No. of Plates in round, ANGLES, Riveting.			
LOWER MASTS				LOWER MASTS			
Fore				Fore			
Main				Main			
Mizen				Mizen			
Boat				Boat			
Topmast				Topmast			
Yards and Remainder of Spars				Yards and Remainder of Spars			
Rigging, Size, Shrouds				Rigging, Size, Shrouds			
Sails				Sails			
Suit of				Suit of			
Sails, and the following spare sails				Sails, and the following spare sails			

EQUIPMENT No.		LETTER		ANCHORS.		TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS	
Number of Certificate.		Weight, Ex. Stock.		Weight, Per Certificate.		Description of Anchor.	
25802		1st Bower		18 3 14		Byers Stockless	
25803		2nd "		19 15 1 7		"	
49924		3rd "		14 8 1 21		Stockless	
28497		4th "		12 1 0		"	
28498		Stream		4 1 6		Common	
28499		Kedge		2 0 8		"	
Particulars of Drop Test of Cast Steel Anchors, viz.:-		1st Bower		M 10 3 14, DDW. Std. 6 7 20, 3616		"	
Weight, Surveyor's Initials, Number of Certificate, Date of Test.		2nd "		" 11 1 14, " 20 7 20, 3684		"	
		3rd "		Forged Head		"	
		4th "		"		"	
CHAIN CABLES.		HAWSERS AND WARPS.					
Number of Certificate.		Length and size supplied.		Test per Certificate.		Description.	
51669		195 1/2 18 22 1/2 158 1 15		255 1/8		Steel	
70782		60 " " 40 2 8		255 1/8		Steel	
Iron, Stream Chain or Steel Wire		60 2 1/2 15 1/2		60 2 1/2		Steel	
Boats		2 Lifeboats		Steering Gear, Steam		Donkin Co	
Pumps, Number		one downcom pump		Diameter of Barrel		5"	
Windlass is		steam		Capstan		"	
Engine Room Skylights.—How constructed?		steel plates & angles		What arrangements for deadlights in bad weather?		steel flaps & rubber eyes	
Coal Bunker Openings.—How constructed?		"		How are lids secured?		Ballens & bolts	
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.		4 Scuppers each side, 4 ports each side 15" x 14"		Height above deck?		7" on bridge deck	
Ceiling in Holds, thickness and material		2" x 2 1/2" W.P.		Cargo Battsens, thickness and material		none fitted	
Cargo Hatchways.—How formed?		steel plates & angles		Hatches, If strong and efficient?		yes	
State size No. 1 Hatch (Forward)		18 x 18		No. 2 Hatch		19 x 18	
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch		3 webs to each, no fore & afters		No. 3 Hatch		19 x 14	
No. of Breasthooks		3		No. of Crutches		deep floor	
Bulwarks, height above deck and description		36" x 25" steel		Main Rail, material and size		7 x 3" bull rope	
The foregoing is a correct description.		Builder's Signature		Surveyor's Signature		G. Brown	
Builder's Signature (there only)		Surveyor's Signature		Surveyor to Lloyd's Register of Shipping.		"	
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)		see correspondence regarding "Kil" class of steamers.					
Workmanship. Are the butts of plating planed or otherwise fitted?		lapped, planed					
Is the riveted work properly closed?		yes					
Are the liners between the frames and plates solid single pieces?		plating foggled		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 facing surfaces?		as far as can be seen		Do any rivets break into or through the seams or butts of the plating?		a very few	
Are the butts of Plating, Stringers, &c., properly shifted and strapped?		yes lapped					
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?		yes		State results of tests		satisfactory	
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?		yes		State results of tests		satisfactory	
General Remarks (State quality of workmanship, &c.)		This vessel was built for Government service under British Corporation survey. She has now been converted into a cargo vessel in accordance with the approved plans & the Committee's instructions. The workmanship & materials are good to my satisfaction. Some minor damages sustained during Admiralty service have been repaired—forming of shell & bulwarks in place. All parts of vessel have been examined.					
The Surveyor should state the Number of Report and Name of any Sister Vessel.		Plans to be forwarded with F.E. Report showing vessel as built.					
The amount of Entry Fee .....		Fees applied for		21 SEP 1920		Certificate to be sent to this office Date of issue 1.11.20.	
Special Survey Fee....		Received by me,		15/10/20		NEWCASTLE ON-TYNE	
Travelling Expenses, if any £		no		16/10/20			
State whether the Vessel has been built under Special Survey		no					
I am of opinion this Vessel should be Classed		100A1 (cargo batten and formid)					
With, or without Freeboard, as condition of Class							
Committee's Minute		FRI. OCT. 1 1920					
Character assigned		100A1					
Lloyd's & Co. P.		Cargo batten not fitted					
Lloyd's Register		Record S.S. No. 3-8-20					



GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop — ft., R.Q.D. — ft., Bridge 50 ft., Forecastle — 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 dk (stl).

Official No. ; Signal Letters State if Machinery is fitted aft no  
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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	20
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	—
Double bottom, if under Engines only, <u>Feed water</u>	26	20	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	—	—	Other tanks, if fitted,	—	—
Total capacity of double bottom		20	(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.

Date

No. in builder's yard.

DATES of Surveys held while building

Surveyor's Signature

Total No. of Visits