

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office

7.1919

Date of completion of report
Survey held at

Selby Hull

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

Yes

26/6/19

Port of Hull

Date, First Survey

20/8/18

Last Survey

No. 31174

20/6/1919

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

S.S. DANIEL MUNRO

Rig Kelch

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop
Do. of R.Q.Dk. BREAK 17.13
Do. of Bridge House CHART 5.88
Do. of Forecastle 1.45
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of Engine Room 12.83
Gross Tonnage 324.34
Less Crew Space 12.83
Less above Crown of Engine Room 311.51
TONNAGE FOR FEES 167.13
Less Engine Room 8.88
ation Spaces

CLASS 100 A.I. STEAM TRAWLER
Breadth (greatest moulded) 23.62
Depth, at middle of length from top of keel to top of upper deck beams at side 13.50
Transverse Number 37.12
Length on deck from fore part of stem to after part of stern post 138.33
Longitudinal Number 5134.80
Depth "d," at middle of length (See Secs. 2 & 13) 12.16
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 10.24
Long Bridge Deck Beam at side to top of keel

Master
Year of appointment (1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191
Built at Selby
When built 1919 Launched Nov 6/18
By whom built Cochran & Sons Ltd
Owners Capt. A. V. Cole R.A.F.
Managers (Where necessary to be entered in Reg. Book.)
Residence
Port belonging to

Tonnage Beam 148.33

Destined Voyage Fishing

If Surveyed while Building, Afloat, or in Dry Dock

Yes

On Deck Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
138	4	23	7 1/2	23	7 1/2	Do. do. do. do. do. Second Dk. Beams	12	10	8	8
Moulded depth, ft. 13 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 ins.										
Moulded depth, ft. 13 ins. 6 To Upper Dk. Dk. Beam, Actual 8 ins.										
ms of Ship per Register, Length 138.3 breadth 23.75 depth 12.7										
FRAMING.			Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	PILLARS.			Inches in Ship.
E, Angles, or E or L Bars amidships			4	3	4 1/2	4 1/2	PILLARS, In 'tween Deck, size and spacing			2 1/2 x 3 1/2
n peaks			4	3	4 1/2	4 1/2	" " Hold			as arranged
n way of Double Bottoms at Solid Floors...							" Quarter 'tween Dks.,			
" at intermdt. Bkts.							" in Hold			
of Frames from centre to centre amidships			19' 8 1/2"				KEELSONS & STRINGERS.			
" length to Collision bulkhead			See profile				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			7 1/2 x 4 1/2
" in peaks.			2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2 x 2 1/2	" Rider Plate			
USED FRAME, Angles...			Double in 8' 0" space				" Flat Plate Keel Angles			
n way of Double Bottoms at Solid Floors...							" Horizontal Plates on Floors			5' 3" x 4 1/2
" at intermdt. Bkts.							" Angles or Bulb Angles			DOUBLE 5' 3" x 4 1/2
ING, depth of girder			16	4 1/2	16	4 1/2	SIDE KEELSONS, Number			
RS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			E. 50 B. 47	E. 50 B. 47			" Angles or Bulb Angles			
in way of Engine and Boiler Spaces			35	35			" Plate above floors, for length			
thickness at the ends of vessel			Straight across				" Intercoastal Plate, for length			
depth at 1/2 the half breadth, as per Rule							" Attached to outside Plating with Angle			5' 3" x 5 7/8
height extended at the Bilges							BILGE KEELSON, Angle			
RS in Cell. Double Bottoms.							" Intercoastal Plate for length			
state if flanged (top & bottom)							" Attached to outside Plating with Angle			
Spacing of Solid floors							SIDE STRINGERS, Number			
RE GIRDER, in Dbl. bottom, dpth. & thcknss.							" Angle			
" Angles, Top							" Intercoastal Plate, for length			
" Bottom							" Attached to outside plating with Angle			
" to Floors							Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)			50 x 34
Brackets at intermdt. frmg., wdth & thkns							" " " " (br'dth & thickness)			3 x 3 x 37
GIRDERS, number on each side & thickness							" " " " (in way of Bridge)			3 x 3 x 37
" state if flanged (top and bottom)							" Angle (clear of Bridge)			34
" Angles (top and bottom)							" Tie Plate at sides of Hatchways			
" to Floors							" Deck. * Iron or Steel, for FULL lng.			
IN PLATE, depth (exclusive of flange) and thickness							" Thickness (clear of Bridge)			
" Angle to Outside Plating							" (in way of Bridge)			
" Floors							" Wood Deck. Material & thickness			
Brackets at intermdt. frmg., wdth & thkns							Second Deck Stringer Plate, br'dth & thickness			
Height of Outside Brackets above at bilge							" Angles on ditto, No.			
BOTTOM PLATING, breadth and thickness of Middle Line Strake							" Tie Plates outside Hatchways			
" in Engine and Boiler space							" Deck. * Iron or Steel, for lng.			
" Remainder in Holds							" Wood Deck. Material & thickness			
S, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel			5' 3" x 50	5' 3" x 50			Third Deck Stringer Plate, br'dth & thickness			
In way of Long Bridge			alternate frames				" Angles on ditto, No.			
Spacing							" Tie Plates, outside Hatchways			
S, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Deck. * Material and thickness			
Spacing							Fourth and Fifth Deck Stringer Plate, breadth & thickness			
S, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Angles on ditto, No.			
Angles on upper edge							" Tie Plates outside Hatchways			
Spacing							" Deck. Material & thickness			
S, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							Poop Deck Stringer Plate, breadth & thickness			
Angles on upper edge							" Angle on ditto			
Spacing							" Tie Plates			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Deck. Material and thickness			
Angles on upper edge							Bridge Deck Stringer Plate, br'dth & thickness			
Spacing							" Angle on ditto			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							" Tie Plates			
Angles on upper edge							" Deck. Material and thickness			
Spacing							Forecastle Deck Stringer Plate, br'dth & th'kns			
							" Angle on ditto			
							" Tie Plates			
							" Deck. Material and thickness			

WEB FRAMES.				Inches in Ship.				Inches in Ship.				Inches per Rule, Or as Approved.				FORGINGS or CASTINGS.				Inches in Ship.				Inches per Rule, Or as Approved.					
WEB-FRAMES, In Fore Body, No. and spacing																KEEL, Bar, depth and thickness				7 1/2 x 1 5/8 ✓				7 1/2 x 1 5/8 ✓					
" " " brdth. & thickness																STEM, moulding and thickness				0° 7 1/2 x 1 5/8 ✓ 7 1/2 x 1 5/8 ✓									
WEB-FRAMES, In E. & B. Space, No. & spacing																STERN-POST for Rudder do. do.				6 x 3 1/4 ✓ 6 x 3 1/4 ✓									
" " " brdth. & thickness																" for Propeller				6 x 3 1/4 ✓ 6 x 3 1/4 ✓									
" " " No. of Side Stringers																" Main-Piece, diameter at head				5" ✓ 5" ✓									
" " " Size of Face Angles to Web-Frames																" " " at heel				3 3/4 ✓ 3 3/4 ✓									
BRACKET PLATES to Stringers between Web Frames, depth and thickness																													
BULKHEADS.				Number.				Thickness.				STIFFENERS.				Single or Double Frames.				Height up, state deck.									
Vessel.				Per Rule.				Inches.				Horizontal.				Vertical.													
												Size.				Spacing.													
												Inches.				Inches.													
W.T.BULKHEADS				4 3																									
FRAME 79				N°1				28-26 ✓				4 x 3 x 4 1/2				24 SINGLE DECK ✓													
D° 46				N°3				30-26 ✓				5 x 3 x 3 1/2				0° D° ✓													
D° { 5				N°4				28 ✓				4 x 3 x 4 1/2				0° H.T. FLAT ✓													
D° { 13								26 ✓				3 x 3 x 3 1/2				0° DECK ✓													
COLLISION 70				N°2				30-26 ✓				6 x 3 1/2 x 4 1/2				24 0° D° ✓													
PARTITION "																													
LONGITUDINAL,																													
Are the outside Plates doubled two spaces of Frames in length? <i>Approved twice</i>																													
Are the Stance Valves and Watertight Doors in efficient working order? <i>Yes</i>																													
PLATING.										RIVETING.																			
STRAKES.										UPPER EDGES.										BUTTS.									
AS IN SHIP.										PER RULE OR AS APPROVED.										ORDINARY.									
AMIDSHIP.										AMIDSHIP.										RIVETS.									
Breadth.										Breadth.										Double or Treble and for what Length.									
Thickness.										Thickness.										Diam.									
Inches.										Inches.										Inches.									
Flat Plate Keel										D.R.										SARBOARDS									
GARBOARD OF A STRAKE										4 1/2										3 1/4									
State actual thickness in way of Double Bottom.										4 1/2										3 1/4									
SHEER										3 1/2										3 1/4									
G																													
H																													
J																													
K																													
L																													
M																													
N																													
O																													
P																													
Q																													
R																													
S																													
T																													
U																													
V																													
W																													
THICKNESS OF SHEER STRAKE																													
CLEAR OF LONG BRIDGE																													
DO. OF STRAKE BELOW																													
DELG. of Flat Plate Keel																													
" Sheerstrakes																													
Length and thickness.																													
POOP SIDES																													
SHORT BRIDGE SIDES																													
FORECASTLE SIDES																													
Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strakes below should also be stated clear of same.																													
Upper Deck										Butts, riveted for full length amidship.										Butts of Side Stringers riveted									
Stringer Plate										Straps, single, double or overlapped for full length amidship.										Tie Plates riveted									
Second Deck										Butts, riveted for length amidship.										Inner Bottom Plating, riveting of Edges Butts									
Stringer Plate										Straps, single or overlapped for length amidship.										Centre Girder Butts, riveted. Keelson Butts, riveted									
																				Frames, riveted through Plates with 3/4 in. Rivets, about 5/4 apart									
																				Rivets, state whether Iron or Steel Iron									
FRAMES extend in one length from Keel to Deck State if ordinary or joggled Ordinary																													
REVERSED FRAMES on floors and frames extend from Bilge to Bilge State if ordinary or joggled Ordinary																													
MASTS, SPARS, &c.																													
Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING.																													
At Partners. Heel. Hounds. Head.																													
Number. Size. Seams. Butts.																													
LOWER MASTS. Fore LARCH 35' 0" 14																													
Main STEEL 34' 5" 12																													
Mizen																													
Bowsprit																													
Topmasts, Yards and Remainder of Spars Larch																													
Rigging, Material and Size, Shrouds, Stays, Galls, Blue Wire																													
Sails, one Suit of Canvas Sails, and the following spare sails none																													

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS				5795-																			
Number of Certificate.		Anchors.		WEIGHT, EK. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.																			
				Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. cwt. qrs. lbs.		Cwts. qrs. lbs.																									
57224		1st Bower		9 0 10		5766155		11 4 2 21		8 0 0		Stockless		High 100		Sept 27.18 Perme																			
50920		2nd "		7 1 24		09		9 13 3 0		7 1 0		0		0		0 7.8.18 0																			
27635		3rd "		3 1 4		0 3 10		5 14 1 14		3 1 0		Ordinary		—		CH 24.1.17 Paul																			
		4th "																																	
		Collective weight.		19 3 10		1				18 2 0																									
		Stream																																	
		Kedge																																	
Particulars of Drop Test of Cast Steel Anchors, viz. — Weight, Surveyor's Initials, Number of Certificate, Date of Test.				1st Bower 2nd " 3rd " 4th "																															
CHAIN CABLES.																		HAWERS AND WARPS.																	
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Towline.		Length and Size per Table 31.													
		Length. Diam.		Status. Break- ing.		Supplied.		Per Rule.		Length. Diam.								Length. Cir.		Tons.		Length. Cir.													
		Fathoms. Ins.		Tons. Tons.		Cwts. qrs. lbs. Cwts. qrs. lbs.		Fathoms. Ins.										Fathoms. Ins.		Tons.		Fathoms. Ins.													
11595		120 1 1/8		22 3/4		34 1/8		77.3.7		77.2.21		120 1 1/8		Sims Brothers, Sons		5.28.11.18 Bell		TOWLINE		60		60													
																		HAWERS & WARPS		60		60													
Iron (Stream) Chain or Steel Wire		Cir.																		5		5													
Boats One																		Steering Gear, Steam 42x5 Double																	
Pumps, Number 4																		Steering Gear, Hand Cranked																	
Windlass is Steam																		Diameter of Barrel 20 1/2 x 20 1/2																	
Engine Room Skylights.—How constructed?																		State whether they are in efficient working order.																	
Coal Bunker Openings.—How constructed?																		Capstan																	
Number of Scuppers, and numbers and dimensions of																		Much on Fore Castle Deck																	
Ceiling in Holds, thickness and material																		Cargo Batts, thickness and material																	
Cargo Hatchways.—How formed?																		Hatches, If strong and efficient?																	
State size No. 1 Hatch (Forward)																		No. 2 Hatch																	
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch																		No. 3 Hatch																	
																		No. 4 Hatch																	
Bulwarks, height above deck and description																		No. of Breasthooks																	
The foregoing is a correct description.																		No. of Crutches																	
Builder's Signature (here only)																		Main Rail material and size																	
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																		Height above deck?																	
7.9.6.17, 15.6.17, E. 10.12.17, 7.31.7.17, 18.8.17, 20.8.17, 20.7.17, 27.6.18																		Surveyor's Signature																	
Workmanship. Are the butts of plating planed or otherwise fitted?																		Surveyor to Lloyd's Register of Shipping.																	
Is the riveted work properly closed?																		Sister Vessel																	
Are the liners between the frames and plates solid single pieces?																		Do the holes for riveting plate to frames, butt straps, or plate																	
to plate, &c., conform well to each other?																		Are the rivet holes well and sufficiently countersunk in the plate and punched																	
from the faying surfaces?																		Do any rivets break into or through the seams or butts of the plating?																	
Are the butts of Plating, Stringers, &c., properly shifted and strapped?																		State results of tests																	
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?																		State results of tests																	
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?																		General Remarks (State quality of workmanship, &c.)																	
This vessel has been built under Special Survey in accordance with the approved plans, the Secretary's letters referred to above and in general conformity with the Society's Rules.																		The materials and workmanship throughout are good.																	
SISTER VESSEL S.S. "JAMES JOHNSON" HULL RPN No 31141																		The Surveyor should state the Number of Report and Name of any Sister Vessel.																	
The amount of Entry Fee																		Plans to be forwarded with F.E. Report showing vessel as built.																	
Special Survey Fee																		Fees applied for,																	
Travelling Expenses, if any																		Received by me.																	
State whether the Vessel has been built under Special Survey																		Certificate to be sent to																	
I am of opinion this Vessel should be Classed																		Date of issue																	
With, or without Freeboard, as condition of Class																		Surveyor to Lloyd's Register of Shipping.																	
Committee's Minute																		TUE JUL 1-1919																	
Character assigned																		100A1																	
																		Stm Trawler																	
																		Lloyds & Co.																	
																		+ 2nd 6.19.																	
																		© 2021																	
																		Lloyd's R																	
																		Foundat																	

Date of writing Report

No. in Survey Reg. Book.

on the

Master

Engines made at

Boilers made at

Registered Horse

Vol. Horse Power

NGINES, &

Dia. of Cylinders

s the screw shaft

n the propeller

etween the bearing

iners are fitted, &

Dia. of Tunnel shaft

ollars 7 1/2"

Vo. of Feed pump

Vo. of Bilge pump

Vo. of Donkey Eng

n Engine Room

all m

Vo. of Bilge Injection

Are all the bilge suction

Are all connections

Are they fixed sufficient

Are they each fitted

What pipes are carried

Are all Pipes, Cock

Are the Bilge Suction

s the Screw Shaft

BOILERS, &c

Total Heating Surface

Working Pressure

Can each boiler be

Each boiler Two

Smallest distance bet

Thickness 1 1/2"

ng. seams TR 2

er centages of str

ize of compensating

length of plain pan

Working pressure of

itch of stays to dit

Material of stays 3

Material Steel

rea at smallest p

Thickness 5/8"

diameter of tubes

itch across wide

Thickness of girder

Working pressure b

diameter

itch of rivets

PERHEAT

ate of Test

diameter of Safety V

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 78 ft., Bridge ✓ ft., Forecastle 19.33 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 in the Register Book) 10 1/2

Official No. ; Signal Letters

State if Machinery is fitted aft

Made aft.

How are the surfaces preserved from oxidation? Inside

Paint, Cement, & Bitumastic polition

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
Total capacity of double bottom					

* 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

Order for Special Survey No. ✓

Date

No. 882 in builder's yard.

DATES of Surveys held while building

1918: Aug 20-23. Sep. 3-6-12-17-20-24. Oct. 1-4-8-11-15-22-29. Nov. 1-5-19-22-29. Dec. 5-13-7. 1919: Jan. 4. Mar. 5-13-18-21-26. Apr. 1-9-11-15-29. May 2-6-13-21. Jun. 20

Total No. of Visits 39

Surveyor's Signature

Matthew Blackwood

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Foundation