

Rpt. 1

WRECK
SECTION

No.

STEEL STEAMER

MOTORSHIP

WRECK
SECTION

25 SEP 1929

State of Report has been sent on the Freeboard of the Vessel

State of Report is sent on the Machinery of the Vessel

Date of completion of report

Port of

No. 49642

Survey held at

Date First Survey

Last Survey

14th Sept. 1929

On the

(State if Machinery fitted Aft and
if Single, Twin or Triple Screw)

Single Screw Steamer

" YEW CROFT "

(Machinery aft)

State Type

(Full scantling, Complete Superstructure
with or without Tonnage Openings)

full scantlings

State Type of Erections

Raised Quarter
Bridge + Fo'castle.TONNAGE under
Tonnage Deck

565.56

CLASS +100A1

State if with freeboard
as condition of Class

No

Built at

Bowling.

Do. of space or spaces
between Tonnage Dk.
and Upper Dk.Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a)

L 194.5

Breadth (greatest moulded)

B 31.0

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)

D 14.0

18.0 R.O.D.

1st Longitudinal Number (L x D)

= 2723

2nd Numeral L x (B + D)

= 8752.5

Framing Depth "d," at middle of length. See
Sec. 3 (1d)

11.41 U.O.

15.41 R.O.D.

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

13.89 U.O.

10.81 R.O.D.

Do. Long Bridge to top
of keel

✓

Draught Moulded

13.5

Launched

21st Aug. '29.

Yard No. 314

Builders

Messrs Scott & Sons.

Owners

J. Stewart & Co.

Managers

✓

Residence

✓

Port of Registry

Glasgow

If surveyed while building, afloat, or in dry dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	22	✓	Bracket Floors, Frame		
" " from $\frac{3}{8}$ length to Collision bulkhead	22	✓	" " Reversed Frame		
" " in peaks	22	✓	" " Vertical Struts		
" " at Peaks	20	✓	Centre Girder, depth and thickness amidships	31 x 39.	✓
FRAMING.			" " top Angle	3 3 36	✓
Frame Amidships, Angle, E or [	5 3 .33	5 x 3 x 26	" " bottom Angle	3 3 39	✓
" " Extends up to	up to 5'		Side Girders, No. each side and thickness	one 29	✓
Frame Amidships, Angle, E or [	6 3 .31	52 x 3 x 36	Margin Plate depth (excl. of flange) and thickness	27 x .38	✓ .33
" " Extends up to	R.O.D.		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	3 3 .38	3 x 3 x 30
Depth of Framing Girder	5 frames		" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	3 3 .38	do
Frames in Uppermost Continuous 'tween Decks, Angle, [or [			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	alt .33	assumed
" " Second 'tween Decks, Angle, [or [			" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	alt .33	do
" " Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness	36 x 30	✓
Framing in Peaks, Angle, [	5 3 .33	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	$\frac{3}{4}$ - 7 dia	✓	Breadth and thickness of Middle Line Strake	40 x 39	+ .05
Is Frame Joggled	no		Thickness of remainder in Holds	35/29	+ .05
FRAMING ARRANGEMENTS (Sec. 7), state system and particulars	Blad dividing Peaks and Peak Tank top clay shell with internal bracing.		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room	✓	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	6 3 .36		BEAMS.		
DOUBLE BOTTOM. E & B Space			Uppermost Continuous Deck, amidships in Walls, Angle, E or [	6 3 .31	5 1/2 x 3 x 30
Frames, Depth and thickness at mid-line in Holds	18" x .62		" " in way of Bridge, Angle, E or [
Height of Brackets at side above base line at toe of frame	36 Ry. Run.		Spacing	28	✓
Middle Line Keelson, on Floors, Angles, E or [	4 3 .46	✓	Second Deck, amidships, Angle, [or [
" " Through Plate	.49.	✓	Spacing		
" " Foundation Plate on Floors	12 x .49	✓	Third Deck, amidships, Angle, [or [
" " Flat Plate Keel Angles	34 34 43	✓	Spacing		
Keelsons, No. each side	one	✓	Fourth Deck, amidships, Angle, [or [
" thickness of Intercoastal Plate	.41	✓	Spacing		
" Angles	6 4 .60	✓	R.O.		
DOUBLE BOTTOM.			Deck, Angle, E or [	6 3 .31	5 1/2 x 3 x 30
Deck Floors, thickness and spacing	29 22 ah	✓	Spacing	22	
" " Are Frame and Reversed Frame joggled?	no		Bridge Deck, Angle, E or [	6 3 .31	6 1/2 x 3 x 30
Bracket Floors, breadth and thickness at middle line			Spacing	44	✓
" " breadth and thickness at margin plate			Forecastle Deck, Angle, E or [	6 3 .31	5 1/2 x 3 x 34
			Spacing	44	✓

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.				INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS. No. of Rows.....		Deck. Knees & one row in bridge				Stringer Plate, breadth and thickness in way of Bridge					
in 'tween Decks, Size and Spacing.....		2 3/4" alt.				Thickness of Plating abreast Deck openings in way of Wells					
" " " " " " " "		7 1/2" alt.				Thickness of Plating abreast Deck openings in way of Bridge					
" " " " " " " "		6 x 3 x 3 x 3 3/8 alt.				Thickness of Plating within line of openings...					
" " " " " " " "						If Sheathed, material and thickness					
Centre Line Bulkhead.						Third Deck.					
Stiffeners and Spacing.....						Stringer Plate, breadth and thickness.....					
Plating, thickness of						If Plated, state thickness.....					
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness.....					
Stringer Plate, breadth and thickness in Wells.....		63 x 52 + .05				If Plated, state thickness					
" " " " " in way of Bridge		63 x 63 + .05				Peep Deck.					
" " " " " Angle in Wells		5 5 1/2				Stringer Plate, breadth and thickness		60 x 43 + .05			
Thickness of Plating abreast Deck openings in way of Wells		30				Plating, Sheathing, material and thickness ...		.30 no sheathing			
Thickness of Plating abreast Deck openings in way of Bridge		30				Bridge Deck.					
Thickness of Plating within line of openings...		30				Stringer Plate, breadth and thickness.....		27. 2 1/2 P.P.			
If Sheathed, material and thickness		2 1/2 W. P. in way of bridge				Plating, Sheathing, material and thickness ...		27 2 1/2 P.P.			
Second Deck.						Forecastle Deck.					
Stringer Plate, breadth and thickness in Wells...						Stringer Plate, breadth and thickness.....		27			
						Plating, Sheathing, material and thickness ...		27 3 P.P.			

SHELL PLATING.

SCANTLINGS.						RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES State if jogged?	SINGLE OR DOUBLE.		RIVETS.		No. OF ROWS OF RIVETS.	BUTTS.		STRAPPED OR LAPPED.
	AMIDSHIPS.		FORWARD.	AFT.			Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.				
	Breadth.	Thickness.	Thickness.	Thickness.										
FLAT PLATE KEEL	40	.57	.57	.57	.47	D	3/4	3 1/4	3	3/4	2 1/8	Strapped		
" DBLG. (if any)						D			2	"	"	Lapped		
BOTTOM PLATING, No. of Strakes	ABC	.37	.37	.33		D/S			2	"	"	"		
BILGE PLATING, No. of Strakes	D	.37	.33	.33		S			2	"	"	"		
SIDE PLATING, No. of Strakes	E	.37	.33	.33		S			2	"	"	"		
UPPER DECK, Sheer-strake in Wells.....	US	.53	33			S			3	"	"	"		
UPPER DECK, Sheer-strake in Bridge	US	43		33		S			3	"	"	"		
STRAKE BELOW Sheer-strake in Wells.....	US	.45	33			S			3	"	"	"		
STRAKE BELOW Sheer-strake in Bridge	US	42		33		S			3	"	"	"		
POOP SIDE PLATING						S	5/8	2 3/4	2	5/8	2 1/4	Lapped		
BRIDGE SIDE PLATING .....		.27				S			2	"	2 1/4	"
FORECASTLE SIDE PLATING .....			.27									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—			
Extending to Upper Deck (Sec. 3 c)		3	
" Deck next below		✓	
As per Rule		3	
	Plating Thickness.	STIFFENERS.	
		VERTICAL.	HORIZONTAL.
		Scantlings/Spacing.	Scantlings/Spacing.
MIDSHIP BULKHEAD, Upper tween decks			
" " Second "			
" " Third "			
" " Holds	4 1/2	8 3/4 x 48	30
COLLISION " (in Hold)	4 1/2	6 3/4 x 42	24
AFTER PEAK " "	4 1/2	5 1/2 x 36	24

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Plate Keel		
STEM		Roller Bar 7 x 1 1/2		+ 7/8
STERN FRAME { Propeller Post		Forging 6 1/2 x 1 1/2	Forster + Sms	
{ Rudder "		5 3/4 x 1 1/2		
RUDDER—A x D		125 x 55		
Speed of Vessel		10 knots		
RUDDER mainpiece at head		Forging 5 1/2	Forster + Sms	
" " heel		4 1/2		
" how constructed		Forging + Built		
" double or single plate		Single Plate		
" coupling, vertical or horizontal.....		Horizontal.		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
	Steel Boy of Scotland	
	Has the Steel been tested as required by the Rules?	
	Yes	

EQUIPMENT No. 9578										LETTER K	ANCHORS.		25 SEP 1929		
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.					lbs.
32279	1st Bower ...	19	0	14	12	0	21	19	19	2	21	19	Byer Line Stock	not stated	Sunderland 26 July 29 B.A.S. Parsons
32327	2nd „ ...	19	0	0	12	2	0	19	17	2	0	19	do	do	Sunderland 14 Aug 29 J.W. Buller
32329	3rd „ ...	16	3	7	10	1	7	18	2	3	7	16 1/4	do	do	D°
	Collective weight.	54	3	21	STOCK							54 1/4			
44301	Stream	5	1	0	1	1	10	7	11	3	14	5 1/2	Don Stock	slip on	Grady Heath 27 March 29 L.S. Paul

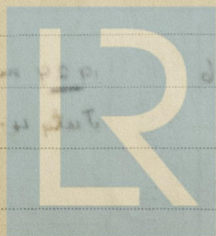
CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		Cir.
	Fathoms.	Ins.		Supplied.	Cwts.	qrs.	lbs.	Per Rule.	Fathoms.	Ins.				Fathoms.	Ins.		Fathoms.	Ins.	
43152	165	1 1/16	462	31	145	3	15	185 1/2	210	1 1/16	Shs Link	not stated	Grady Heath 27 July 29	90	3	29.5	90	3	
44983	45	"	"	"	40	0	0				"	(H.S.) small		290	2 1/4	16.0	90	2 1/4	
	210				185	3	15												
		Cir.																	
	60	3 1/4		31.6					60	3 1/4	25.5								

Steering Gear, Steam	Reids	Steering Gear, Hand	Black & Jacke	led to Capstan															
Boats	1 Dugby.	Steering Chains, Size and Test	$\frac{13}{16}$ 7 tons 18 Cwt	Windlass	Emerson Walker.														
Ceiling in Holds, thickness and material	2 $\frac{1}{2}$ W.P.	Cargo Battens, thickness, material and spacing	6 x 2 W.P	9" ah.															
Cargo Hatchways.—(Upper Deck)	Steel plates & angles.	Thickness of Hatches	2 $\frac{3}{4}$																
Size of No. 1 Hatchway (Forward)	38'-6" x 20'-6"	No. 2	39'-10" x 20'-6"	No. 3	No. 4	✓	No. 5	✓	No. 6	✓									
Number of Shifting Beams and/or Fore and Afters	6 in No 1	and	7 in No 2.																
Builder's Signature										Scott Jones									

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel		No	(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo	✓	The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.	
This vessel has been built in accordance with the approved plans, the instructions in the Secretary's letters and in general conformity with the Rules for the class contemplated. The materials and workmanship are good. All the double bottom and Peak Tanks have been tested in accordance with the rule requirements with satisfactory results. The Decks and Watertight Bulkheads have been here tested with satisfactory results. Hand Pump, steering gear, windlass and anchor gear have been tried under working conditions and found satisfactory. The assigned foreboards have been verified and cut in on the ship's sides.						
.RS 2 1/2 75	5500	.H.71	.7.0.11			
.RS 2 1/2 75	5500	.H.71	25.0.11			
.RS 2 1/2 75	5500	.H.71	2.1.10			
(P.T.O)						

The amount of Entry Fee	£ 4 : 0 : 0	Fees applied for.	23 SEP 1929
Special Survey Fee	£ 82 : 12 : 0	Received by me,	
Travelling Expenses, if any	£ 13 : 4 : 0	28.9.29	
State whether the Vessel has been built under Special Survey	yes	Signature	R. J. Bailey
Certificate sent to	Glasgow	Date of issue	10/29.
I am of opinion the Vessel should be Classed + 100A1.			

Committee's Minute	GLASGOW	24 SEP 1929
Character assigned	÷ 100A1	9.29.
Lloyd's A.C.P.		
+ L.M.O. 9.29.		
Date of Buils of		
March 1929.		



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Lloyd's Register Foundation

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

This vessel is a sister ship to the 'YEW DALE' CLS REP: 49000.

List of approved plans forwarded

- ✓ Profile and Decks
- ✓ Midship Section
- ✓ Rudder and Sternframe
- ✓ W. J. Bhs No 99
- ✓ Masts and Rigging
- ✓ Pumping Plans (2 H).
- ✓ 2 Forging Reports.
- also ✓ Midship Section (as Built).

It is requested that these approved plans be returned to this office for guidance in dealing with the Sister Vessels Scott Reg 309.310.

Handwritten notes in cursive script, likely a continuation of the survey report or a separate entry, discussing vessel details and survey procedures.

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	11-0-7.	K.H.	6622	2 nd July 29.
	2nd "	11-0-25	K.H.	6606	2 nd July 29.
	3rd "	9-1-5	H.B.	6644	23 rd July 29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 110 ft., Bridge 11 ft., Forecastle 27.8 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) one deck (steel)

Official No. 160273 : Signal Letters
 particulars of composition Bitumastic. Is bottom of Vessel coated with cement No. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.		Water Capacity.		Where Fitted.	*Length.		Water Capacity.	
	Feet.	Tons.	Feet.	Tons.		Feet.	Tons.	Feet.	Tons.
Double bottom, aft,					Fore peak tank,	16	30		
Double bottom, under Engines and Boilers,					After peak tank,	11	48		
Double bottom, if under Engines only,					Deep tank, aft,	14.66	55		
Double bottom, if under Boilers only,					Deep tank, forward,				
Double bottom, forward,					Other tanks, if fitted,				
	115.5	183			(If necessary, furnish further information by sketch.)				
	Total capacity of double bottom		183						

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

Order for Special Survey No. 5996

Date 3. 4. 29

Dates of Surveys held while building

1929 Mar 14 Apr 5. 17. 29. 30 May 6. 13. 16. 21. 23. 27. 29 June 5. 6. 10. 12. 14. 19. 20. 24. 26 July 4. 8. 10. 23. 25. 30 Aug 1. 5. 7. 13. 14. 19. 21. 26 Sep 3. 5. 9. 10. 11. 13. 14

Total No. of Visits 42