

State if Report is sent on the Machinery of the Vessel *yes (from New)*

State Type (Full Spanning, Complete Superstructure with or without Tonnage Openings) Complete Superstructure with Tonnage Openings State Type of Erections. File on C. S. 54

Do. of space or spaces between Tonnage Dk. and Upper Dk. } Length from fore part of stem to after part of stern } L 400.0
post on summer L.W.L. See Sec. 3 (1a) }
Launched 26th July 1926 Yard No. 217
Built 1000 Peterhead Ltd

Register Tonnage 3024.04 1st Longitudinal Number (L x D).....= 14700 Managers Cairns Noble & Co. Ltd.
(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS.
FEET.

Framing Depth "d," at middle of length. See { 16.6

Residence *Akenside House.*
Newcastle on Tyne.

Breadth 55.3 Do. Long Bridge to top } If surveyed while building, afloat, or in dry dock
of keel }

Depth 26.3 Draught Moulded 25" 3 1/4 Building in dry dock.

	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	24		Bracket Floors, Frame		
" " from ^{15%} length to Collision bulkhead.....	18		" " Reversed Frame		
" " in peaks.....	aft 24, fore 18		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43	56
Frame Amidships, Angle, E or C	7 3 1/2 39		" " top Angles	6 6	54
" " Extends up to	upper 8 2nd dk alternately.		" " bottom Angles	6 6	60
Reversed Frame Amidships, Angle	4 3 1/2 39		Side Girders, No. each side and thickness	one	42
" " Extends up to	3rd dk.		Margin Plate depth (excl. of flange) and thickness	36	54
Depth of Framing Girder	7		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2	44
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	7 3 1/2 39	(Owners) Int. frames 3 1/2 x 3 1/2 x 46	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2 3 1/2	44
" " Second 'tween Decks, Angle, E or C	3 1/2 3 1/2 46	Int. frames 3 1/2 x 3 1/2 x 46	" " Gussets, spacing and scantling abaft 1/2 len. from stem	3 1/2 3 1/2	44
" " Third " " " "	- - -	Int. frames 3 1/2 x 3 1/2 x 46	" " Gussets, spacing and scantling forward 1/2 len. from stem	3 1/2 3 1/2	44
Framing in Peaks, Angle or C	7 3 1/2 49		Tank Side Brackets, height above base line at toe of Frame and thickness	6'-0 1/2	
Diameter and Spacing of Rivets through Shell Plating	7/8 5 1/4 x 4 1/8		INNER BOTTOM PLATING.		
State if Frame Joggled	no		Breadth and thickness of Middle Line Strake ..	52 1/2 x 52	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Int. stringers. Frame modulus increased and strengthened for ice.		Thickness of remainder in Holds	44 to 40	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Single framing = to double, add intercostals + midship thickness of bottom plating maintained.		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?	yes	(Owners) Tank Top ER 58 " BR 64
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds			Uppermost Continuous Deck, amidships	7 1/2 3 375	15'-3" span
Height of Brackets at side above base line at toe of frame			" " in Wells, Angle, E or C	9 and 3 1/2	40 4' 2 1/2 x 3 1/2 x 40
Middle Line Keelson, on Floors, Angles, E or C			" " in way of Bridge, Angle, E or C		where chilled meat carried
" " " Through Plate or Intercostal Plate			Spacing	27	
" " " Foundation Plate on Floors			Second Deck, amidships, Angle, E or C	8 3 375	15'-3" span
" " " Flat Plate Keel Angles			Spacing	27	
Side Keelsons, No. each side			Third Deck, amidships, Angle, E or C	8 3 375	15'-3" span
" " thickness of Intercostal Plate			Spacing	27	
" " Angles			Fourth Deck, amidships, Angle, E or C		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	42 @ 24, 24, 18		Poop Deck, Angle, E or C		
" " Are Frame and Reversed Frame joggled?	no		Spacing		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, E or C		
" " breadth and thickness at margin plate			Spacing		
			Forecastle Deck, Angle, E or C	7 3 1/2 35	10'-3" span
			Spacing	18	

W1143-0099 1/2

Re
plain

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.....	Three								
6 line in upper Decks, Size and Spacing.....	3 x 22 alt beams								
Quarter " " wide spaced.	8 x 30 @ 40			app. 6 x 30-40					
6 line 2 nd " " wide spaced.	3 1/4 x 3 @ 54								
Quarter " " wide spaced.	9 1/2 x 40 @ 12 x 48								
Quarter in Holds " " " "	12 1/2 x 54								
" " " " " "	14 x 58								
Centre Line Bulkhead.									
Stiffeners and Spacing.....	10 1/2 x 3 1/2 @ 52								
Plating, thickness of	5 x 3 @ 41								
	2 1/2 x 4 @ 45								
	30								
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	58 1/2 x 59 @ 40			app. 55 to 38					
" " " " in way of Bridge									
" Angle in Wells	5 x 5 @ 55								
Thickness of Plating abreast Deck openings in way of Wells	41 x 6 @ 40			app. 41 to 36					
Thickness of Plating abreast Deck openings in way of Bridge									
If Sheathed, material and thickness	40								
Second Deck.									
Stringer Plate, breadth and thickness in Wells...	47 1/2 x 40 @ 36								
Stringer Plate, breadth and thickness in way of Bridge									
Thickness of Plating abreast Deck openings in way of Wells									
Thickness of Plating abreast Deck openings in way of Bridge									
If Sheathed, material and thickness	40								
Third Deck.									
Stringer Plate, breadth and thickness.....	47 1/2 x 37								
If Plated, state thickness.....	32 36 over D.T.			app. 30 x 36					
Fourth Deck.									
Stringer Plate, breadth and thickness.....									
If Plated, state thickness									
Poop Deck.									
Stringer Plate, breadth and thickness									
Plating, Sheathing, material and thickness									
Bridge Deck.									
Stringer Plate, breadth and thickness.....									
Plating, Sheathing, material and thickness									
Forecastle Deck.									
Stringer Plate, breadth and thickness.....	35 straight x 40			app. 36					
Plating, Sheathing, material and thickness	5 x 3 P.P.			app. 34 x 36					

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>yes</i>	SINGLE OR DOUBLE.	RIVETS.		No. of Rows of RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.			Inches.	Inches.	
FLAT PLATE KEEL	5 1/2	.77	.67	.67		Double	1	3 6/7	Four	1	4	Lapped	
„ DBLG. (if any)	-	-	-	-		-	-	-	-	-	-	-	
BOTTOM PLATING, No. of Strakes{ <i>H</i>}	7 1/2	.59	.59	.59	app. 49 aft.	Double	7/8	3 3/8	Three	7/8	3 3/8	Lapped	
BILGE PLATING, No. of Strakes{ <i>ONE</i>}	70 1/2	.59	.88	.51		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes{ <i>H</i>}	77 x 76	.63	{ 32.88 } 12.50	.50	<i>x F A</i> app. 59, 88, 46	"	"	3 x 3 3/8	"	"	"	"	
UPPER DECK, Sheer-strake in Wells.....}	71	.68	.50	.50	app. 64, 46, 46	"	"	3 3/8	Four	"	3 1/2	"	
UPPER DECK, Sheer-strake in Bridge ...}													
STRAKE BELOW Sheer-strake in Wells.....}	71	.65	.50	.50	app. 61, 46, 46	Double	7/8	3 3/8	Four	7/8	3 1/2	Lapped.	
STRAKE BELOW Sheer-strake in Bridge ...}													
POOP SIDE PLATING	The bilge strake & next three strakes of side plating above increased to .88 for												
BRIDGE SIDE PLATING ...	Ice strengthening forward.												
FORECASTLE SIDE PLATING			.42			Single	3/4	3	Single	3/4	2 5/8	Lapped.	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 1

Deck next below 5, and 1 to 3rd dk

As per Rule 6 (2 hold blds + deep tank bld) corrugated

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	Rolled Steel	9 1/2 x 2 1/2	Messrs Blackman	
STERN FRAME {	Propeller Post	cast 11 1/4 x 7 3/4	J. Rogers & Co.	app. 10 1/2 x 7 3/4
	Rudder "	Steel 9 3/4 x 7 3/4		" 9 x 7 3/4
RUDDER—A x D		12 x 37		
Speed of Vessel		1 1/2 knots		
RUDDER mainpiece at head ...	Forging	10 1/2	J. S. Foster & Sons.	
" " heel ...		8 1/2		
" how constructed	Built & arms shrunk on.			
" double or single plate coupling, vertical or horizontal	Single	1" 00		
	Horizontal			

STEEL.

Manufacturer's name or trade mark of the Steel used in the construction of the

Vessel (state process of manufacture) Open hearth process.
Consett & Co. Ltd. Sarnan Long & Co. Ltd. Blyth & Vaughan & Co. Ltd.
Gargo Fleet & Co. Ltd.

Has the Steel been tested as required by the Rules? Yes

MIDSHIP BULKHEAD, Tween decks...

" " "

" " "

" " "

" " "

" " "

" " Holds

COLLISION " (in Hold)

AFTER PEAK " "

STIFFENERS.			
VERTICAL.		HORIZONTAL.	
Scantlings.	Spacing.	Scantlings.	Spacing.

49-30 [12 x 3 1/2 x 3 1/2 @ 52 @ 36]

50-34 [10 x 3 1/2 x 50 @ 24 5.88 ONE

75-34 [6 x 3 x 40 @ 24 W.T. PLATE RECESS

30 SEP 1946

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WRIGHT 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.				
41639	1st Bower ...	64	3	18	stockless			51	0	0	0	63.3.0	Britannic	R Sykes & Sons	Bradley Heath, 17.2.26
41677	2nd " ...	63	2	21	"			50	7	2	0	63.3.0	"	"	" " 27.2.26
41675	3rd " ...	55	0	21	"			45	10	2	14	54.2.0	"	"	" " " "
	Collective weight	183	3	14								✓ 182.0.0 ✓			S.S. Paul.
41060	Stream	18	1	0				19	4	1	14	17.2.0	Ordinary	"	G. Heath, 19.2.26. S.S. Paul.
41659	Kedge	7	2	19	2	0	17	9	15	3	21	✓	"	"	"

CHAIN CABLES.

CHAIN CABLES.

HAWSERS 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.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
29539	270	2 1/4	9 1/8	12 1/2	684	3	7	682	1	0	270	2 1/4	stud	R Sykes Sons	Off. 24.2.26		
Iron Stream } Chain or } Steel Wire }																	
	90	1 1/4	✓	52	—	—	—	—	—	—	90	1 1/4	Galv.	Synthetic Rope Co.	a Jones.		
		</															

Steering Gear, Steam Telemotor by Donkin 16°

Steering Gear, Hand { Relieving tackle operated from Winch
Brake gear fitted.

Boats *4-20 ft life* and 1 dinghy **Steering Chains, Size and Test**

Windlass Clarke Chapman & Co. Ltd

Ceiling in Holds, thickness and material *3" in way of Hatchways of Pine* **Cargo Batts**, thickness, material and spacing *2" remainder* *6x2 spaced 9"*

Cargo Hatchways.—(Upper Deck) *Steel plates + angles.* **Thickness of Hatches** *3"*

Size of No. 1 Hatchway (Forward) $26'-0" \times 18'-0"$ No. 2 $31'-6" \times 18'-0"$ No. 3 $20'-3" \times 18'-0"$ No. 4 $31'-6" \times 18'-0"$ No. 5 $24'-0" \times 18'-0"$ No. 6

Number of **Shifting Beams** and/or **Fore and Afters** 4 to №1 and 5, 5 to №2 and 3, One and two divisions to №3.

Builder's Signature

FOR W. PICKERING & SONS, LTD

GENERAL DECLARATION This vessel has been constructed in accordance with the approved plans, the Rules and Secretary's letters. The material & workmanship are good.

The freeboard has been verified and the marks cut in on the vessels sides. The peak tanks, double bottom tanks, deep tank, bulkheads, decks, tunnel, pumps and W.T. doors have been satisfactorily tested. The windlass & steering gear have been tried under working conditions & found satisfactory.

The vessel was examined in Dress Greenwells sb^y Dry Dock, on the 22nd Sept-1926. the bottom rudder cleaned down, repainted snow in good order.

The approved plans () are forwarded herewith together with 4 Forging & Casting certificates. List of plans:- Midship section, Profile & decks, Panting, Stern frame, Rudder, Strengthening for ice. Bulkheads (2). Girders & Pillars, Strengthening Girders etc. for carrying meat. Pumping. Shaft tunnel, C.L. bulkhead. Peak framing, Deep tank. Engine Seating (2). Deck houses. Reserve bunker hatch & shoot. Mast houses for Ventilating spaces. Ventilation of Insulated spaces. also Plans of midship section & Profile as built.

The amount of Entry Fee £ 9: . . . Fees applied for,

Fees applied for,

Special Survey Fee.... £325: 9: 6

Freeboard	11: 0: 0
Travelling Expenses, if any £	:

Travelling Expenses, if any £ : :

Received by me,

1-11-26

I am of opinion the Vessel should be Classed *F 100 A 1*

Shelter dk with freeboard.

State whether the Vessel has been built under Special Survey yes

Signature *W. P. Bollings*

Surveyor to Lloyd's Register of Shipping.

Hull
Certificate to be sent to. SUNDERLAND.
Mch " " " Nwc

Date of Issue 2/11/26

Committee's Minute

TUES. 5 OCT 1926

Character assigned

-i- 100771

with freeboard

Lloyd's ASCP + June 9. 26

FD. CL

July

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.)

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	<i>39-0-24, K.H.B.: 3168; 15-10-24.</i>
2nd "	<i>39-0-14, M.B.: 2154; 29-10-24.</i>
3rd "	<i>34-0-0; K.H.B.: 3727; 14-12-25.</i>

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle *45.5 ft. on C.S. bk.*
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *2 dks (Stl) and Shelter dk (Stl). 3 tiers of beams.*

Official No. *149414*; Signal Letters _____ If bottom of Vessel has been coated Inside *yes* give particulars of composition *Portland Cement.*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>130.5</i>	<i>472.82</i>	Fore peak tank,	<i>22.33</i>	<i>106.67</i>
Double bottom, under Engines and Boilers,	<i>42.75</i>	<i>213.40</i>	After peak tank,	<i>18.0</i>	<i>51.78</i>
Double bottom, if under Engines only,	—	—	Deep tank, aft,	<i>33.75</i>	<i>863.42</i>
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<i>140.0</i>	<i>644.82</i>	Other tanks, if fitted,	—	—
Total capacity of double bottom		<i>1331.05</i>	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. *5603*

Date *12.12.25*

Dates of Surveys held while building

1925. Dec. 14, 15, 16, 18, 21, 22, 23, 24, 30, 31. 1926. Jan. 4, 5, 6, 7, 11, 12, 13, 21, 22, 25, 26, 27, 29. Feb. 1, 4, 8, 12, 16, 19, 22, 24, 25, Mar. 1, 3, 5, 8, 10, 12, 16, 18, 19, 22, 23, 25, 27, 30, 31. Apr. 1, 7, 8, 12, 13, 15, 16, 19, 23, 28, 29, 30. May. 3, 5, 6, 10, 12, 14, 17, 18, 20, 26, 27, 28, 31. June. 2, 3, 8, 11, 14, 17, 18, 22, 25, 28, 29, 30. July. 1, 5, 6, 7, 8, 12, 14, 15, 17, 19, 20, 23, 26, 29, 30. Aug. 5, 10, 11, 12, 19, 25, 26, 27, 30, 31. Sep. 2, 3, 7, 8, 10, 13, 16, 17, 20, 21, 22, 23.

Total No. of Visits *124*