

On the (State if Single, Twin, or Triple Screw)
TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. }
and 3rd and 4th Dk. }
Total under Upper Dk. 305.78
Do. of Poop (Break) 35.83
Do. of R.Q.Dk. 11.67
Do. of Bridge House 13.36
Do. of Forecastle 8.77
Do. of Houses on Dk. 25.28
Do. of excess of Hatchways
Do. above Crown of
Room ... 300.89
Tonnage 25.09
Space
Crown of }
Room ... 275.80
FOR FEES... 137.81
e Room 25.34
ation Spaces
Tonnage 118.75
Beam ...

CLASS 4-100 A.1
Breadth (greatest moulded) 33.0
Depth, at middle of length from top of keel to top of upper deck beams at side 10.5
" 6 Raised Quarter Deck 14.0
Transverse Number 33.80
Length on deck from fore part of stem to after part of stern post 135.0
Longitudinal Number 4522.50
Depth "d," at middle of length (See Secs. 2 & 13) 9.25
" R.Q.D. 12.84
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.85
" R.Q.D. 9.6
" Long Bridge Deck Beam at side to top of keel

Master
Year of appointment
Built at Selly
When built 1917 Launched Dec 27th 1916
By whom built Cochran & Sons
Owners United Alkali Co. Ltd.
Managers
(Where necessary to be entered in Reg. Book.)
Residence Liverpool
Port belonging to Liverpool

Destined Voyage
If Surveyed while Building, Afloat, or in Dry Dock Both

Beam ..	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
On Deck Rule	135	0	Moulded	23	0	Top of Floors to top of Upper Dk. Beams	14	0	one
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[illegible]

EQUIPMENT No. 4986 LETTER E										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate.		Anchors.		WEIGHT, EX. 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.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.															
47245	1st Bower ...	8	3	14	steelless	10	15	0	0	8	1	0	Breadnaught	Layton	Sept 29/16	Pennine													
47246	2nd " ...	8	1	10	steelless	10	10	0	0	8	1	0	"	"	"	"													
	3rd " ...																												
	4th " ...																												
	Collective weight.	16	3	14								16	1	0															
47240	Stream	3	3	0		3	7	5	5	0	0	3	3	0	Ordinary	Layton	Sept 29/16	Pennine											
47241	Kedge.....	1	0	21		1	4	3	10	1	7	1	0	0	"	"	"	"											

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

1st Bower
2nd " Fayed.
3rd "
4th "

CHAIN CABLES.

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 Trawl.		Length and Size per Table 31.	
		Length.	Diam.	Supplied.	Per Rule.	Supplied.	Per Rule.	Length.	Diam.									Length.	Cir.	Length.	Cir.	Length.	Cir.
49436	Patent	165	1 1/2	165	1 1/2	165	1 1/2	165	1 1/2	did	Layton	Sept 15/16	Pennine					165	1 1/2	165	1 1/2	165	1 1/2
	Steel Wire	45	3/4	45	3/4	45	3/4	45	3/4									45	3/4	45	3/4	45	3/4

Boats 2 @ 16' 0" x 6' 0" x 3' 4"

Pumps, Number three

Windlass is Clarke Chapman (steam)

Engine Room Skylights.—How constructed? Lead

Coal Bunker Openings.—How constructed? C.P. flush with hull

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 3 scuppers, 3 inch ports 2' 9" x 1' 6" from top of each side

Ceiling in Holds, thickness and material 2 1/2 white pine

Cargo Hatchways.—How formed? Plated angles

State size No. 1 Hatch (Forward) 45' 6" x 13' 6"

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 web plates, 14" at centre, 6" at sides, .32 thick with 4 angles 3' x 3' x .42.

No. of Breasthooks 3

No. of Crutches deep floors

Bulwarks, height above deck and description 3' 6" high .25 plating

The foregoing is a correct description.

Builder's Signature (here only) J.M. Cochran

Surveyor's Signature W.R.M. Aspinall

Director

Correspondence.—State dates and initials of letters respecting this case (reference should be made in any correspondence connected with the case) M/S 2/16, 21/7/16, 5/8/16 & E 17/5/16.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed.

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes

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 faying surfaces? Yes

Do any rivets break into or through the seams or butts of the plating? none

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

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 has been built under special survey & in accordance with the approved plans, the Secy's letter referred to above, & in general conformity with the rules for the class contemplated.

The material & workmanship are sound & good.

The vessel has proceeded to the Lyne. Where her engines & boilers fitted to complete the survey. The engine & boiler casings remain to be completed & riveted up.

W.R.M. Aspinall

Plans at London Office.

The Surveyor should state the Number of Report and Name of any Sister Vessel. % Lithium. Phil Rpt. 29558

Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 2 : 0 : 0

Special Survey Fee £ 13 : 16 : 0

Travelling Expenses, if any £ : 12 : 9

Fees applied for, 25/3/1917

Received by me, 30/7/17

Certificate to be sent to Hull.

Date of issue 24/7/17

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100 A.I

With, or without Freeboard, as condition of Class Without

Committee's Minute FRI. 18 MAY. 1917

Character assigned 100 A.I.

Lloyd's A.C.P. + L.M.C. 5.17

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GENERAL REMARKS—(continued).

WEB-FRAME

No.

WEB-FRAME

WEB-FRAME

No.

Size of
BRACKET
Web Frame

BULKHEAD

W.T.BULKHEAD

COLLISION
PARTITION
LONGITUDE

Are the outside

Are the Sluice

STRAKE

FLAT PLATE
(If Bar Keel, etc.)
GARBOARD OR

State actual
thickness in
way of Double
Bottom.

UDS
RAD

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. 49.5 ft., Bridge 8.75 ft., Forecastle 30.7 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 should appear in the Register Book) 1 db stb
Official No. 730; Signal Letters 730
How are the surfaces preserved from oxidation? Inside Cement paint State if Machinery is fitted aft 730 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,		
Total capacity of double bottom			(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.

Order for Special Survey No. 2697

Date 14/6/16

No. 730 in builder's yard.

DATES OF SURVEYS
held while building

1916:—Sep. 13. 19. 27 Nov. 10. 23. 28. Dec. 9. 15. 20 1917:—Jan. 2. 10. 15 Feb. 15. 23.

Total No. of Visits 16

Surveyor's Signature W. M. Aspinall



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