



EQUIPMENT No. 37675						LETTER at.						ANCHORS.						TONNAGE U.D.K. OR PLATING NO. FOR TRAWLERS.					
Number of Certificate.		Anchors.		WEIGHT, E.X. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.							
14664	1st Bower	✓	68	1	14					52	18	3	0	✓	68	0	0	Britannic	R. Sykes & Son Ltd	Bradley Heath 31/7/13 S.C. Paul			
14618	2nd "	✓	68	1	0					52	15	2	14	✓	68	0	0	"	"	25/7/13			
14734	3rd "	✓	59	0	0					47	15	0	0	✓	58	2	0	"	"	13/8/13			
	4th "																	"	"				
	Collective weight	✓	195	2	14									✓	194	2	0	"	Hammes drop & bend tests.				
9442	Stream	✓	19	0	7	4	3	7	19	18	0	0	✓	19	0	0	Rodger	A Sykes & Son Ltd	Gardiff 11/11/12 G.W. Penn				
9443	Kedge	✓	8	0	7	2	0	14	10	4	0	0	✓	8	0	0	"	"	11/1/12				

CHAIN CABLES.												HAWSEYS 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 Towing.		Length and Size per Table 31.	
13340	Fathoms.	270	2 7/8	✓	96 1/2	134 1/2	721.3.16	720.3.4	270	2 7/8	Stud	A. Sykes & Son Ltd	Gardiff 9/5/13 G.W. Penn	TOWLINE	Fathoms.	120	5 1/4	Ins.	65	Fathoms.	120	5 1/4	
	Inches.	90	5	✓	59				90	5				HAWSEYS & WARPS		490	8	Mamilla		90	8-2 1/2		
	Cir.	✓	5		59				✓	5						490	7	"		90	7-2 1/2		
																90	6	"					

Boats 2 Life Cutters 1 Cutter & 1 Dinghy  
Pumps, Number 2 - 5 "Life"  
Windlass is Iron Patent  
Engine Room Skylights.—How constructed? Steel plates & angles  
Coal Bunker Openings.—How constructed? Steel plates & angles How are lids secured? To attend Height above deck? 30"  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 3 freeing ports 3' x 1' 1/2" & 6 scuppers each side  
Ceiling in Holds, thickness and material Cargo Battens, thickness and material 6 x 2 Baltic pine  
Cargo Hatchways.—How formed? Steel plates & angles Hatches, If strong and efficient? Yes  
State size No. 1 Hatch (Forward) 10' x 12'-0" No. 2 Hatch — No. 3 Hatch — No. 4 Hatch —  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch One beam in fore. Remainder oil tight covers.  
Bulwarks, height above deck and description 42" Steel plates & 7/20 No. of Breasthooks 8 No. of Crutches 3 & deep floors  
The foregoing is a correct description. Main Rail, material and size 6 x 8 1/2 x 40 B.A. Steel  
Builder's Signature (here only) SWAN, HUNTER & WISHAM RICHARDSON LTD. Surveyor's Signature E. J. Milton & Arthur Scullard  
Surveyors Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
M. 28.3.12, 29.3.12, 19.3.12, 13.3.12, 13.7.12, 19.9.12, 28.4.13, 12.9.13, 4.6.13  
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? 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? a few  
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 Good  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Good  
General Remarks (State quality of workmanship, &c.)  
This vessel has been built in accordance with the Rules, the approved plans and the Secretary's letters quoted above.  
The workmanship and materials are good throughout.  
The oil tanks, copperdams spaces and oil fuel bunkers have been tested as required by Rule, also the low flash point oil fuel pump room and found tight. The vessel is fitted for carrying low flash point oil fuel only.  
Wireless telegraphy, Marconi system is to be fitted on arrival in London.  
The approved plans of bottom section, profile, fore & after end transverse, rudder ballast pumping arrangement (2), oil fuel pumping arrangements, compensation in way of pump boom trunk, transverse framing in poop bridge & forecastle, framing in forepeak  
  
The SS San Silvestre have dept no 64505 is a sister vessel.  
The Surveyor should state the Number of Report and Name of any Sister Vessel.  
  
The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, OCT 10 1913  
Special Survey Fee £ 177 : 3 : 0 Received by me, 16/10/13 Jm  
Travelling Expenses, if any £ : :  
State whether the Vessel has been built under Special Survey Yes  
I am of opinion this Vessel should be Classed 100A, Steel Carrying Petroleum in bulk E. J. Milton & Arthur Scullard  
With, or without Freeboard, as condition of Class Without Longitudinal Framing Surveyors Lloyd's Register of British and Foreign Shipping.  
  
Committee's Minute  
Character assigned 100A  
Carrying petroleum in bulk  
Lloyd's 100A  
+ Lmb 1013  
Fitted for low flash oil fuel 1013  
J.D.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 102 ft., R.Q.D. ft., Bridge 25.5 ft., Forecastle 43 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

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) *2 Dks Steel & Web frames*  
Official No. *135 267*; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft *Yes*  
How are the surfaces preserved from oxidation? Inside *Portland cement & Paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cell Dks under B.*

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank.	19'-0"	46
Double bottom, under Engines and Boilers,			After peak tank.	10'-0"	39
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	24'-0"	75	Deep tank, forward,	42'-0"	45.4
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	75	(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. *4400*

Date *12.12.1912*

No. *927* in builder's yard.

DATES of Surveys held while building

*1912*  
*Sep. 1. 2. 16. 18. 20. 23. 26. Oct. 8. 9. 14. 16. 18. 25. 29. Nov. 5. 13. 19. 26. Dec. 2. 11. 23.*  
*1913*  
*Jan. 8. 14. 16. 20. 29. 30. Feb. 4. 6. 11. 13. 21. 25. 27. Mar. 7. 10. 13. 17. 25. Apr. 1. 4. 14. 17. 21. 24.*  
*28. 29. May. 1. 5. 9. 14. 19. 21. Jun. 2. 4. 6. 9. 10. 14. 18. 30. July. 7. 9. 17. 21. 23. 25. 26. 28. 29. 30. 31.*  
*Aug. 1. 2. 5. 6. 7. 8. 9. 11. 12. 13. 14. 16. 18. 19. 20. 21. 22. 26. 27. 28. 29. Sep. 3. 4. 8. 9. 10. 15. 16. 17. 18. 19. 24. 25.*  
*26. 27. 29. 30.*

Total No. of Visits *109*

Surveyor's Signature *E. J. Milton & Arthur Scallard*

# PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.								
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.				
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.	Diameter.				
Framing of <b>L, L or E</b> .....																						
Frames in Bridge 'tween Decks ...																						
Frames from Uppermost Continuous Deck																						
Framing from Awning, Shelter or Upper Deck to Margin Plate. Angles to plate Longitudinals Top $8\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$ Shell $8\frac{1}{2} \times 3\frac{1}{2} \times 4\frac{1}{2}$		No. 1	8 3/2	40	✓	3 1/2	40	8 3/2	40	7 3/2	40	7 3/2	40	18 5/8	✓	✓	✓	8	7/8			
		" 2	9 3/2	40	✓	3 1/2	40	9 3/2	40	7 3/2	40	"	"	"	"	"	"	"	"			
		" 3	8 3/2	46	✓	3 1/2	40	8 3/2	46	7 3/2	40	"	"	"	"	"	"	10	"			
		" 4	9 3/2	46	✓	3 1/2	40	9 3/2	46	8 3/2	40	"	"	"	"	"	"	11	"			
		" 5	10 3/2	44	✓	3 1/2	42	10 3/2	44	8 3/2	42	"	"	"	"	"	"	3 1/8 for 12 rivets	"			
		" 6	10 3/2	50	✓	3 1/2	46	10 3/2	50	8 3/2	46	"	"	"	"	"	"	"	"			
		" 7	10 3/2	52	✓	3 1/2	46	10 3/2	52	9 3/2	46	"	"	"	"	"	"	12	"			
		" 8	11 3/2	52	✓	3 1/2	46	11 3/2	52	9 3/2	46	"	"	"	"	"	"	3 1/8 "	"			
		" 9	12 3/2	50	✓	3 1/2	50	12 3/2	50	10 3/2	50	"	"	"	"	"	"	3 1/8 "	"			
		" 10	13	40	✓	3 1/2	54	13	40	10 3/2	54	"	"	"	"	"	"	3 1/8 "	"			
		" 11	14	40	✓	3 1/2	58	14	40	10 3/2	58	"	"	"	"	"	"	"	18	"		
		" 12	16	40	✓	3 1/2	58	16	40	11 3/2	58	"	"	"	"	"	"	"	"			
		" 13	17	40	✓	3 1/2	58	17	40	13	36	"	"	"	"	"	"	"	14	"		
		" 14	"	"	✓	3 1/2	36	"	"	14	36	"	"	"	"	"	"	"	"			
		" 15	"	"	✓	3 1/2	36	"	"	16	36	"	"	"	"	"	"	"	"			
		" 16	"	"	✓	3 1/2	36	"	"	17	36	"	"	"	"	"	"	"	"			
Spacing of Longitudinal Frames		Amidships			At Ends																	
		30			21																	
Double Bottoms		Tank Top Longitudinals			✓ 3 1/2 52			✓ 3 1/2 52			✓ 18 5/8											
Bottom		✓ 8 3/2 42			✓ 8 3/2 42			✓ 18 5/8														
Spacing of Longitudinals		Amidships			✓ 30			✓ 30														
At Ends...																						
Transverses.																						
In Bridge																						
'tween Decks																						
In Awning, Shelter or Upper 'tween Decks.																						
In Hold.																						
Spacing of Transverse Frames																						
* State if joggled or liners.																						
Longitudinal Beams of <b>L, L or E</b>		Bridge Deck ...			Avg. or Shltr. Dk.			Upper			Second			Third			Spacing.		In Ships.		As approved.	
		Plate.			Angles.			Plate.			Angles.			Plate.		Angles.		Plate.		Angles.		
		✓ 8 3 40			✓ 7 3 40			8 3 40			7 3 40			30			30		Transverse		11x40 4x3 1/2 x 4 1/2 11x40 4x3 1/2 x 4 1/2	
		✓ 8 1/2 3 40			✓ 8 3 40			8 1/2 3 40			8 3 40			30			30		Beams.		18x40 5" flange 18x40 5" flange 20x40 5x3 1/2 x 6 1/2 20x40 5x3 1/2 x 6 1/2	

Joggled.  
Joggled.

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.