

STEEL STEAMER or MOTORSHIP.

Received at London Office 24 NOV 1927

State if Report has been sent on the Freeboard of the Vessel No.

State if Report is sent on the Machinery of the Vessel YES.

Date of completion of report

Port of

No.

Survey held at

Date First Survey

Last Survey

19

On the

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

State Type

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

State Type of Erections

TONNAGE under Tonnage Deck...

CLASS 100A1

State if with freeboard

No.

Built at

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 80-0

Breadth (greatest moulded)

B 22-0

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

D 12-3

1st Longitudinal Number (L x D) (B + D) = 34.25

2nd Numeral L x (B + D) = 2740.00

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

11.00

Proportions—Depth to Length—Uppermost continuous deck to top of keel

6.53

Do. Long Bridge to top of keel

Draught Moulded

Launched Oct. 12th 1927 Yard No. 1010

Builders Cochrane & Sons Ltd.

Owners Compagnie de Remorquage & de Sauvetage "Les Abeilles"

Managers

(Where necessary to be entered in Reg. Book.)

Residence

Port of Registry

If surveyed while building, afloat, or in dry dock

While building & afloat.

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	21		Bracket Floors, Frame		
" " from 1/4 length to Collision bulkhead	21		" " Reversed Frame		
" " in peaks	20		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, \angle or \top	4 3 .38		" " top Angles		
" " Extends up to	deck		" " bottom Angles		
Reversed Frame Amidships, Angle	2 1/2 22 .30	22 x 22 x .28	Side Girders, No. each side and thickness		
" " Extends up to	across floor		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	14		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, \angle or \top	\checkmark		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle, \angle or \top	\checkmark		" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "	\checkmark		" " Gussets, spacing and scantling forward 1/4 len. from stem		
Framing in Peaks, Angle \angle or \top	4 3 .38		Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 4 1/2 55		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Aug		Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FORWARD. State Particulars	"		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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	15 x .30		Uppermost Continuous Deck, amidships in Wells, Angle, \angle or \top	4 3 .30	
Height of Brackets at side above base line at toe of frame	none		" " in way of Bridge, Angle, \angle or \top	\checkmark	
Middle Line Keelson, on Floors, Angle, \angle or \top	8 3 1/2 .46		Spacing	21 x 20	
" " Through Plate or Intercostal Plate	\checkmark		Second Deck, amidships, Angle, \angle or \top		
" " Foundation Plate on Floors	\checkmark		Spacing		
" " Flat Plate Keel Angles	\checkmark		Third Deck, amidships, Angle, \angle or \top		
Side Keelsons, No. each side	one 5 3 .40		Spacing		
" " thickness of Intercostal Plate	\checkmark		Fourth Deck, amidships, Angle, \angle or \top		
" " Angles	\checkmark		Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, \angle or \top		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, \angle or \top		
Bracket Floors, breadth and thickness at middle line			Spacing		
" " breadth and thickness at margin plate			Forecastle Deck, Angle, \angle or \top		
			Spacing		

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.....	one	/	Stringer Plate, breadth and thickness in way of Bridge		
" " in 'tween Decks, Size and Spacing.....			Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "			Thickness of Plating abreast Deck openings in way of Bridge		
" " in Holds " " " "	2 1/2	/	Thickness of Plating within line of openings..		
" " " " " "	to suit arrangement.		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	57 x 26 chg. to 24"	/	If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	3 3 30	/	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings } in way of Wells	✓		Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings } in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	✓		Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	5 x 2 1/2 P.P. airway of accommodation	/	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)						
,, Deck next below						
As per Rule						
MIDSHIP BULKH'D, Upper tween decks						
„	„ Second „					
„	„ Third „					
„	„ Holds 32 ft. 40-26	5/16 x 3 x 30 B.A.	30"			✓
COLLISION ✓	„ (in Hold) 42 ft. 32-26	5/16 x 3 x 30 B.A.	24"			✓
AFTER PEAK ✓	„ 5 ft. 43-26	1/2 x 3 x 30 B.A.	24"			✓

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Rolled	6x13/8	Jyzack	6 1/2 x 1 1/4
STEM	"	6x13/8	"	"
STERN FRAME {	Propeller Post	Forging 5 3/4 x 2 3/4	Forster	5 1/2 x 2 1/2
	Rudder "	" 5 3/4 x 2 3/4	"	5 1/4 x 2 1/2
RUDDER—A x D	72 x 30			
Speed of Vessel	10 knots			
RUDDER mainpiece at head	Forging	4 1/2	"	
" " heel	Forging	3 1/2		
" how constructed	forged & built			
" double or single plate	single			
" 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) *Open Hearth process.*
South Durham S. & I. Co. Ltd: Consett I. Co. Ltd: Bolckow, Vaughan & Co. Ltd.

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



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Lloyd's Register
Foundation

EQUIPMENT No.				LETTER				ANCHORS.			
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
89350	1st Bower	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.
89349	2nd "	5	1	7	5	0	28	17	11	3	14
	3rd "										
	Collective weight.	10	2	4							
89468	Stream	1	2	0	0	1	18	3	18	3	0

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.				
			Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.			
	Fathoms.	Diam.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.			
83009	105	7/8	1375	7068	41.0	0	10	41 1/8	60	14/16	Stud	Not Stated	heth: 7/10/27: H.S. Green	TOWLINE ...						
Iron Stream Chain or Steel Wire	✓	Cir.								Cir.			HAWSERS & WARPS	60	5 1/2		60	5 1/2		
													"	60	3		60	3		
													"							

Steering Gear, Steam
Steering Gear, Hand
Boats
Steering Chains, Size and Test
Ceiling in Holds, thickness and material
Cargo Battens, thickness, material and spacing
Cargo Hatchways.-(Upper Deck)
Thickness of Hatches
Size of No. 1 Hatchway (Forward)
No. 2
No. 3
No. 4
No. 5
No. 6
Number of Shifting Beams and/or Fore and Afters

efficient
tiller, efficient
two
3/4 dia: 10.2.0.0: private test
efficient

FOR COCHRANE & SONS, LTD.
Builder's Signature

GENERAL DECLARATION
This vessel has been built in accordance with the approved plans and instructions and in conformity with the Rules for the class contemplated.
The materials and workmanship are satisfactory.
No freeboard has been assigned.
The fore and after peak tanks have been tested with water pressure and the bulkheads have tested in accordance with Rule requirements and found satisfactory.
The vessel's name has been changed from "Abeille No 16" to "Abeille No 14" since the launching report was returned.

The amount of Entry Fee £ 2 : 0 : 0
Special Survey Fee.... £ 20 : 0 : 0
Travelling Expenses, if any £ 4 : 6 : 3
Fees applied for,
21 Nov 1927.
Received by me,
23 Nov 1927.
I am of opinion the Vessel should be Classed
100 A1
"For Towing Services"
State whether the Vessel has been built under Special Survey
Yes
Signature
M. Malcolm
Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to
Hull
Date of issue
2/12/27

Committee's Minute
Character assigned
+ 100 A1 For Towing Services
Lloyd's A & C.P.
+ L.M.O 11:27
Cr.

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