

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office **TUE. NOV 17. 1914**

Date of completion of report **2/11/14** State of Report is also sent on the Machinery of the Vessel **yes**
 Survey held at **Leby & Hull** Port of **Hull**
 On the (State if Single, Twin, or Triple Screw) **STEAM TRAWLER "SEA RANGER."** Last Survey **Nov. 5th 1914**
 No. **28072**
 Rig **Yawl**

TONNAGE under **242.42**
Tonnage Deck **14.95**
Total under Upper Dk.
Do. of Poop
Do. of R.Q.Dk.
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Dk.
Do. of excess of Hatchways
Do. above Crown of
Engine Room
Gross Tonnage
Less Crew Space
Less above Crown of
Engine Room
Navigation Spaces
Master Tonnage
cut on Beam

CLASS **100A.1**
Breadth (greatest moulded) **22.37**
Depth at middle of length from top of keel to top of upper deck beams at side **18.0**
Transverse Number **35.37**
Length on deck from fore part of stem to after part of stern post **125**
Longitudinal Number **44421**
Depth "d," at middle of length (See Secs. 2 & 13) **11.6**
Proportions—Depth to Length—Upper Deck Beam at side to top of keel **9.61**
Long Bridge Deck Beam at side to top of keel
Destined Voyage **Fishing**
Surveyed while Building/Afloat, or in Dry Dock

Master
Year of appointment (1) As Master in service of owner of present vessel:—191
 (2) As Master of this vessel:—191
Built at **Leby**
When built **1914** **Launched** **25th Jul 1914**
By whom built **Cochran & Son Ltd.**
Owners **Hammer Steam Trawling Co Ltd.**
Managers
Residence **Hull**
Port belonging to **Hull**

LENGTH on Deck **125** **Feet.** **0** **BREADTH—** **22** **Feet.** **4** **DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams** **12** **Inches.** **3** **No. of Decks with flat laid** **7**
as per Rule **125** **0** **Moulded** **22** **4** **Do.** **do.** **do.** **do.** **Second Dk. Beams** **12** **3** **No. of Tiers of Beams** **one**
Moulded depth, ft. **13** **ins.** **0** **To Bridge Dk.** **Round of Upper** **7** **ins.**
To Upper Dk. **Dk. Beam, Actual**

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appr. vtd.	Inches per Rule Or as Appr. vtd.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Appr. vtd.	Inches per Rule Or as Appr. vtd.
FRAME, Angles, or E or L Bars amidships	4	3	40	4	3	PILLARS, In 'tween Deck, size and spacing					
Do. in peaks						" Hold					
Do. in way of Double Bottoms at Solid Floors						" Quarter 'tween Dks.,					
" at intermdt. Bkts.						" in Hold					
Spacing of Frames from centre to centre amidships	20			20							
" from intermediate short frame											
" length to Collision bulkhead in peaks											
REVERSED FRAME, Angles	2 1/2	2 1/2	25	2 1/2	2 1/2	KEELSONS & STRINGERS					
Do. in way of Double Bottoms at Solid Floors						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" at intermdt. Bkts.						" Rider Plate					
FRAMING, depth of girder						" Flat Plate Keel Angles					
FLOORS, depth and thickness of Floor Plate at mid-line for length amidships	16	37		16	37	" Horizontal Plates on Floors					
" in way of Engine and Boiler Spaces	50	4	43	50	4	" Angles or Bulb Angles	4	3	44	4	3
" thickness at the ends of vessel		31			31	" SIDE KEELSONS, Number					
" depth at 1/2 the half breadth, as per Rule						" Angles or Bulb Angles					
" height extended at the Bilges						" Plate above floors, for length					
FLOORS in Cell. Double Bottoms						" Intercoastal Plate, for length					
" state if flanged (top & bottom)						" Attached to outside Plating with Angle					
" Spacing of Solid floors						BILGE KEELSON, Angles	5	4	40	5	4
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						" Intercoastal Plate for length					
" Angles, Top						" Attached to outside Plating with Angle					
" Bottom						SIDE STRINGERS, Number					
" to Floors						" Angle	5	4	40	5	4
Brackets at intermdt. frmg., wdth & thcknss						" Intercoastal Plate, for length					
SIDE GIRDERS, number on each side & thickness						" Attached to outside plating with Angle					
" state if flanged (top and bottom)											
" Angles (top and bottom)						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	50	31		50	31
" to Floors						" br'dth & thickness (in way of Bridge)	3 x 3	87		3 x 3	87
MARGIN PLATE, depth (exclusive of flange) and thickness						" Angle (clear of Bridge)	8	37		8	37
" Angle to Outside Plating						" Tie Plate at sides of Hatchways					
" Floors						" Deck * Iron or Steel, for					
Brackets at intermdt. frmg., wdth & thcknss						" Thickness (clear of Bridge)					
Height of Outside Brackets above at bilge						" (in way of Bridge)					
INNER BOTTOM 'PLATING, breadth and thickness of Middle Line Strake						" Wood Deck. Material & thickness	5 x 3			5 x 3	
" in Engine and Boiler space						Second Deck Stringer Plate, br'dth & thickness					
" Remainder in Holds						" Angles on ditto, No.					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	50	5	3	" Tie Plates outside Hatchways					
" In way of Long Bridge						" Deck * Iron or Steel, for					
" Spacing						" Wood Deck. Material & thickness					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Third Deck Stringer Plate, br'dth & thickness					
" Spacing						" Angles on ditto, No.					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Tie Plates, outside Hatchways					
" Angles on upper edge						" Deck * Material and thickness					
" Spacing						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						" Angles on ditto, No.					
" Angles on upper edge						" Tie Plates outside Hatchways					
" Spacing						" Deck. Material & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness					
" Angles on upper edge						" Angle on ditto					
" Spacing						" Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4	3	40	4	3	" Deck. Material and thickness					
" Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness					
" Spacing						" Angle on ditto					
						" Tie Plates					
						" Deck. Material and thickness					
						Forecastle Deck Stringer Plate, br'dth & thickness					
						" Angle on ditto					
						" Tie Plates					
						" Deck. Material and thickness					

[illegible]

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS				4421.			
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.					
17261	1st Bower	7	0	0	Steeles	9	5	0	0	17	0	0	Gunn's quick grip	J. Gunn	Ready Heat, 21/7/14, Schaud				
17262	2nd "	16	1	0	"	8	10	0	0	16	1	0	"	"	"	"	"		
17263	3rd "	13	2	12	"	6	0	3	21	13	1	21	"	"	"	"	"		
	4th "																		
	Collective weight	16	3	12						16	2	21							
	Stream																		
	Kedge.....																		

CHAIN CABLES.										HAWSERS 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 Towline.		Length and Size per Table 31.	
		Fathoms.	Diam.	Ings.	Tons.	Supplied.	Per Rule.	Fathoms.	Diam.	Ings.								Fathoms.	Ings.	Tons.	Fathoms.	Ings.	
15352	105-	1 1/2	20-330-4	60-2-20	60-2-18	105-	1 1/2	Link	John Gunn	Ready Heat 27/7/14	Schaud	TOWLINE	60	6	handles	60	6						
												HAWSERS & WARPS	60	4 1/2	"	60	4 1/2						

Boats *one boat & food.* Steering Gear, Steam ☒ Steering Gear, Hand *Tiller*

Pumps, Number *4 @ 6", one @ 4"* Diameter of Barrel *6" x 1 1/2"* State whether they are in efficient working order *Yes*

Windlass is *Gummell & Brown's (Steam).* Capstan *-*

Engine Room Skylights.—How constructed? *Steel* What arrangements for deadlights in bad weather? *Star flaps & bulls eyes.*

Coal Bunker Openings.—How constructed? *C.I. discs.* How are lids secured? *locked* Height above deck? *flush*

Number of Scupperns, and numbers and dimensions of Freeing Ports, &c. *5 Scupperns + 5 wash ports (4 @ 18 x 9 + one @ 24 x 12) each side*

Ceiling in Holds, thickness and material. *2" P. Pine* Cargo Battens, thickness and material ☒

Cargo Hatchways.—How formed? *Scuttles* Hatches, If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) ☒ No. 2 Hatch ☒ No. 3 Hatch ☒ No. 4 Hatch ☒

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch ☒

Bulwarks, height above deck and description *Sheet 45' x 31'* No. of Breasthooks *2* No. of Crutches *2 & deck floor.*

The foregoing is a correct description of **COCHRANE & SONS LTD.** Main Rail, material and size *6 1/2 x 3 x 40.*

Builder's Signature (*here only*) *A. Spockmaney* Surveyor's Signature *B. Laws.*

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*)
M 18/3/14, E 9/4/14.

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

Is the riveted work properly closed? *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)? *Trawler* State results of tests ☒

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Trawler* State results of tests ☒

General Remarks (State quality of workmanship, &c.) *This vessel has been constructed in accordance with the approved plans herewith enclosed, the Secretary's letter, & generally in conformity with the Society's Rules, and the materials & workmanship throughout are good.*

RETAIN

The Surveyor should state the Number of Report and Name of any Sister Vessel,
Plans to be forwarded with F.E. Report showing vessel as built. *SEA SEARCHER "Hall R/V" no 280.*

The amount of Entry Fee £ 2 : 0 : 0	Fees applied for,	<i>16-11-1914</i>
Special Survey Fee.... £ 11 : 19 : 0	Received by me.	
Travelling Expenses, if any £ - : 13 : 9	<i>18/11/14</i>	<i>19/11</i>

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *+100A1 "Steam Trawler"*

With, or without Freeboard, as condition of Class *without*

Committee's Minute *FRI. NOV. 20, 1914*

Character assigned *boat steam trawler*

+ L.M.B. 11.14.

W.

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GENERAL REMARKS—(continued).

WEB

WEB-FRAMES, In F

No. of Side

WEB-FRAMES, In F

WEB-FRAMES, In F

No. of Side

Size of Face

BRACKET PLATE

Web Frames, dep

BULKHEADS.

W.T.BULKHEAD

COLLISION
PARTITION
LONGITUDINA

Are the outside

Are the Sluice

STRAI

FLAT PLATE
(If Bar Keel, stat
GARBOARD OR

State actual
thickness in
way of Double
Bottom.

Sheer

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 70.0 ft., Bridge ☒ ft., Forecastle 19.0 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 it
should appear in the Register Book) 1. 8k.
Official No. 126214; Signal Letters

How are the surfaces preserved from oxidation? Inside Paint & Cement State if Machinery is fitted aft ☒
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. 2064

Date 20/3/14

No. 609 in builder's yard.

DATES of Surveys held while building

1914: May 9. 14. Jun 5. 12. 25. July 1. 9. 22. 24. 28. Aug 24. Sep 2. 3. 15. 21. 30.
Oct 13. 26. 30. Nov 5.

Surveyor's Signature P. Chas.

Total No. of Visits 20

Rigging

Sails. fore.

Suit of



Lloyd's Register
Foundation