Sea Rover ex (see classes)

~~1 or 2~~ Dks., and R.Q.Dk., ~~and Pt. Awng. Dk.~~

~~IRON OR~~ STEEL STEAMER.

No. 20,503

State if Report is also sent on the Machinery of the Vessel: Yes

Received at London Office: 9 SEP 1908

Date of completion of Report: 8th September 1908 — Port of: Hull

Survey held at: Goole — Date, First Survey: 30th Mar. 1908 — Last Survey: 26th August 1908

On the Steam Trawler "OSPRAY II" — Rig: Ketch

TONNAGE under Tonnage Deck	224.47
Do. of Poop	
Do. of Raised Qr. Dk. or Break	15.28
Do. of Bridge House	
Do. of Forecastle	14.87
Do. of Houses on Deck	4.60
Do. of excess of Hatchways	
Do. above Crown of Engine Room	13.18
Gross Tonnage	245.40
Less Crew Space	30.14
Less above Crown of Engine Room	13.18
TONNAGE FOR FEES	232.08
Less Engine Room	129.76
Less Navigation Spaces	9.34
+ Above Crown of Engine Room	13.18
Register Tonnage as cut on Beam	106.16

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A1. "Steam Trawler"

	FEET.
Half Breadth (moulded)	11.50
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	13.50
Girth of Half Midship Frame (as per Rule)	20.38
1st Number	45.38
Length on deck from after part of stem to fore part of stern post	128.87
2nd Number	5848
Proportions—Breadths to Length	5.6
Depths to Length—Main Deck to top of Keel	9.5

Master: ✓

Year of appointment: (1) As master in service of owner of present vessel: —19 (2) As master of this vessel 19

Built at: Goole

When built: 1908 — Launched: 18th July.

By whom built: Goole Shipbuilding & Repg. Co. Ld.

Owners: The Cygnet Steam Trawling Co.

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

Residence: Fleetwood

Port belonging to: Fleetwood

Destined Voyage: Fishing — If Surveyed while Building, Afloat, ~~or~~ and in Dry Dock: Yes

LENGTH on Deck as per Rule	Feet. 128	Inches. 10½	BREADTH—Moulded	Feet. 23	Inches. 0	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet. 12	Inches. 2	No. of Decks with Flat laid: One; No. of Tiers of Beams: One

Dimensions of Ship per Register, Length, 130 - 0 breadth, 23 - 1 depth, 12 - 02. Moulded Depth, 13 ft. 0 ins. Round of Beam, Actual 6 ins.

FRAMING.	Inches in Ship	Inches in Ship.	16ths ~~or 20ths~~ in Ship.	Inches per Rule Or as	Inches per Rule Approved.	16ths ~~or 20ths~~ per Rule
FRAME, Angles, ~~L, E or L Bars~~, for ⅗ length amidships	4	3	8	4	3	8
Do. for ⅕ at each end	4	3	7	4	3	7
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre		20			20	
REVERSED FRAME, Angles When fitted	2½	2½	5	2½	2½	5
DEEP FRAMING, depth of girder		4			4	
FLOORS, depth and thickness of Floor Plate at mid-line for ⅗ length amidships	16		6	16		6
" in way of Engines and Boilers			7			7
" thickness at the ends of vessel			6			6
" depth at ¾ the half breadth, as per Rule	Straight across					
" height extended at the Bilges	All planes.					
FLOORS & BRACKETS, in Cell Dble Bottoms		✓				
" " state if flanged (top & bottom)		✓				
" " Spacing		✓				
CENTRE GIRDER, in Double Bottom, depth and thickness		✓				
" " Angles, Top		✓				
" " " Bottom		✓				
SIDE GIRDERS, number on each side & thickness		✓				
" " state if flanged (top & bottom)		✓				
" Angles		✓				
MARGIN PLATE, depth (exclusive of flange) and thickness		✓				
" Angles to Outside Plating		✓				
" " Floors		✓				
" Height of Floors at the Bilges		✓				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake		✓				
" " thickness in Engine and Boiler space		✓				
" " " Remainder in Holds		✓				
BEAMS, Main and Raised Quarter Deck, Single Angle, ~~Bulb Angle, Plate or Tee Bulb~~	5½	3	8	5½	3	8
" Angles on Upper Edge		✓				
" Spacing		40			40	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		✓				
" Angles on Upper Edge		✓				
" Spacing		✓				
BEAMS, Hold, Plate or Tee Bulb		✓				
" Angles on Upper Edge		✓				
" Spacing		✓				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		✓				
" Angles on Upper Edge		✓				
" Spacing		✓				
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb		✓				
" Angles on Upper Edge		✓				
" Spacing		✓				
BEAMS, Forecastle Deck, Angle, ~~Bulb Angle, Plate or Tee Bulb~~	5	3	7/20	5	3	7/20
" Angles on Upper Edge		✓				
" Spacing		40			40	
PILLARS, In 'tween Decks, Size and Spacing		✓				
" " Hold " "	2½	As arranged.				
" Quarter, 'tween Dks., " "		✓				
" " in Hold " "		✓				
WEB FRAMES, In Fore Body, No. and Spacing		✓				
" " " Brdth. & Thickness		✓				
" No. of Side Stringers " "		✓				
WEB FRAMES, In E. & B. Space, No. & Spacing		✓				
" " " Brdth. & Thickness		✓				
WEB FRAMES, In After Body, No. and Spacing		✓				
" " " Brdth. & Thickness		✓				
" No. of Side Stringers " "		✓				
" Size of Angles or Tee Bars to Web Frames		✓				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness		✓				

FORGINGS ~~AND CASTINGS.~~	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar ~~or Side~~ Butt Plates depth and thickness	7½ × 1⅛	7½ × 1⅛
STEM, moulding and thickness. Butt plate	7½ × 1⅛	7½ × 1⅛
STERN-POST for Rudder do. do. / for Propeller	6 × 3	6 × 3
MAIN PIECE of Rudder, diameter at head	4½	4½
do. at heel	3 × 2¾	3 × 2¾

RUDDER, how constructed: Forged iron frame. 2 plates.
Can the Rudder be unshipped afloat? Yes.

KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	16ths ~~or 20ths~~ in Ship.	Inches per Rule Or as	Inches per Rule Approved.	16ths ~~or 20ths~~ per Rule
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate		✓				
" Rider Plate		✓				
" Bulb Plate to Intercostal Keelson		✓				
" Horizontal Plates on Floors		✓				
" Angles 2 Bulb Angles	7	3	8	7	3	8
SIDE KEELSON, Angles		✓				
" Bulb or Plate above floors for lng.		✓				
" Intercostal Plate for length		✓				
" Attached to outside plating with Angle		✓				
BILGE KEELSON, Angles (One)	5	4	8	5	4	8
" Bulb or Plate above floors for lng.		✓				
" Intercostal Plate for length		✓				
" Attached to outside plating with Angle		✓				
BILGE STRINGER Angles		✓				
" Bulb Plate for length		✓				
" Intercostal Plate for length		✓				
" Attached to outside plating with Angle		✓				
SIDE STRINGER Angles (One)	5	4	8	5	4	8
" Bulb or Intercostal Plate for lng.		✓				
" Attached to outside plating with Angle		✓				

	Inches in Ship	16ths in Ship	Inches per Rule	16ths per Rule
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	24	6	24	6
" Angle on ditto	3 × 3	6	3 × 3	6
" Tie Plates, outside Hatchways	8	6	8	6
" Diagonal Tie Plates on Bms., No. of Pairs	✓			
" Main Dk* Iron or Steel for lng.	✓			
" R. Q. Dk* ~~Iron or~~ Steel for Machinery Space lng.		6		6
" Wood Deck, Material & thickness P. Pine	3		3	
Lower Deck Stringer Plate, breadth and thickness	✓			
" Angles on ditto, No.	✓			
" Tie Plates, outside Hatchways	✓			
" Deck* Material and thickness	✓			
Hold Stringer Plate	✓			
" Angles on ditto, No.	✓			
Poop Deck Stringer Plate, breadth & thickness	✓			
" Angle on ditto	✓			
" Tie Plates	✓			
" Deck, Material and thickness	✓			
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness	✓			
" Angle on ditto	✓			
" Tie Plates	✓			
" Deck, Material and thickness	✓			
Forecastle Deck Stringer Plate, brdth & thcknss	30	5	30	5
" Angle on ditto	3 × 3	6	3 × 3	6
" Tie Plates In centre	54	5	54	5
" Deck, Material and thickness P. Pine	2½		2½	

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number In Vessel.	Number Per Rule.	Thickness. 16ths ~~or 20ths~~	Stiffeners Horizontal Size. Inches.	Stiffeners Horizontal Spacing Inches.	Stiffeners Vertical Size. Inches.	Stiffeners Vertical Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	4	4	6	3 × 2½ × 6/16			48 / 30	Single	Dk
PARTITION "	✓								
LONGITUDINAL "	✓								

Are the outside Plates doubled two spaces of Frames in length? Diamond plates fitted
Are the ~~Sluice Valves and~~ Watertight Doors in efficient working order? Yes.

Rpt. 1A. 1m,4,7.

W1583-0141½

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PLATING. / RIVETING.

Edges: Lower — Ordinary or Joggled? Ordinary

STRAKES.	As in Ship Amidship Breadth (Inches)	Amidship Thickness (16ths)	Forward Thickness (16ths)	Aft Thickness (16ths)	Per Rule Amidship Breadth (Inches)	Per Rule Amidship Thickness (16ths)	Edges Single or Double	Breadth of Lap (Inches)	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Butts Double or Treble and for what Length	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (16ths)	If Lapped Breadth (Inches)	For what Length (Feet)
Flat Plate Keel (If Bar Keel, state Riveting)	Bar Keel								1	5							
Garboard or A Strake	42	8	8	8	42	8					D full L	7/8	3 1/8	11¼	8		
B (State actual thickness in way of Double Bottom)		7	6	6		7	Double	4½	3/4	3⅓	T ½ L	3/4	2 5/8			7½	½ L
C		7	6	6		7	"	"	"	"		"	"			"	" "
D		8	7	7		8	"	"	"	"		"	"			"	" "
E		7	6	6		7	"	"	"	"		"	"			"	" "
F Sheer	36	9	8	8	36	9	"	"	"	"	D full L	7/8	3 1/8	11¼	9		
G																	
H																	
J																	
K																	
L																	
M																	
N																	
O																	
P																	
Doubling of Flat Plate Keel	✓																
Length and thickness of Bilges	✓																
of Sheerstrakes	✓																
of Strake below	✓																
Poop Sides	✓																
Raised Quarter Dk. Sides		9		8													
Bridge Sides	✓																
Forecastle Sides			5														
Lengths of Plating	Seven frame spaces.																

Write 'Sheer Strake' opposite its corresponding letter.

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.? Mild Steel
South Durham. Consett. Frodingham.

Has the Steel been tested as required by the Rules Yes

Main Stringer Plate { **Butts,** ~~treble~~ Double riveted for full length ~~amidship~~. **Straps,** ~~single, double or~~ overlapped for full length ~~amidship~~

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? T & D.

Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓

Centre Girder Butts, ✓ riveted. **Keelson Butts,** Treble riveted.

Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Keel to gunwale state if ordinary or joggled Ordinary.

REVERSED FRAMES on floors and frames extend from floors flanged if not covered with cement (Single angle frame) state if ordinary or joggled Ordinary.

MASTS, SPARS, &c.

	Material.	Total length.	Diameter and Thickness: At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles: Number.	Size.	Riveting: Seams.	Butts.
Lower Masts — Fore	P. Pine	43-0	14"								
Main											
Mizen	Steel	34-0	12								

Bowsprit ✓

Topmasts, ~~Yards~~ and Remainder of **Spars** Pitch pine

Rigging, Material and Size, **Shrouds** Galvd. Wire. 2¾" - 2½" . **Stays** Galvd. wire. 3½ - 3.

Sails. One Suit of Sails and the following spare sails ✓

Equipment No. ✓ Letter ✓ . ~~Tonnage U.Dk. or~~ Plating No. for Trawlers 5848.

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock Cwts.	qrs.	lbs.	Weight of Stock Cwts.	qrs.	lbs.	Test, per Certificate Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 22 Cwts.	qrs.	lbs.	Description of Anchor. (If Patent state Name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
33681	1st Bower	7	1	24	Stockless			9	13	3	0	7	0	21	Parke's	H.P. Parkes & Co.	L.P.H.T. 30-6-08, Perrins
33685	2nd	5	1	0	1	1	7	7	11	3	14	5	1	0	Ordinary	" " " "	" " 30-6-08 "
33686	3rd	3	0	7	-	3	0	5	10	-	-	3	0	0	"	" " " "	" " 30-6-08 "
	Collective weight																
	Stream	✓															
	Kedge	✓															

CHAIN CABLES.

Number of Certificate.	Length supplied (Fathoms)	Diam. (Ins.)	Test: Statutory (Tons)	Breaking (Tons)	Weight Supplied (Cwts. qrs. lbs.)	Per Table 22 (Cwts. qrs. lbs.)	Length per Table 22 (Fathoms)	Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested and Superintendent.
34444	105	1 1/16	20 3/10	30 4/10	61-2-25	60-2-18	105	1 1/16	Stud Link	H.P. Parkes & Co.	L.P.H.T. 30-6-08 C.C. Perrins
Iron Stream Chain or Steel Wire	✓	Cir.						Cir.			

HAWSERS AND WARPS.

Material.	Length supplied (Fathoms)	Cir. (Ins.)	Breaking Test of Steel Wire Towline (Tons)	Length per Table 22 (Fathoms)	Cir. (Ins.)
Towline	✓				
Hawsers & Warps Manilla	60	6		60	6
" "	60	5		60	5
" "					

Boats Two

Pumps, Number Five Diameter of Barrel 6". 4½ State whether they are in efficient working order Yes.

Windlass is by. Gemmell & Frow. **Capstan** ✓

Engine Room Skylights.—How constructed? Of Teak

What arrangements for deadlights in bad weather? Teak flaps and bullseyes.

Coal Bunker Openings.—How constructed? Plates and angles and Cast iron rings. How are lids secured? Battened down and Screwed. Height above deck? 12" and flush.

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** On each side, 7 Scuppers, 2 Ports 24" x 12", 2 Ports 18" x 9"

Ceiling in Holds, thickness and material 2" Pine, **Cargo Battens,** thickness and material ✓

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

State size **No. 1 Hatch** (Forward) 6'-9" x 3'-4" **No. 2 Hatch** 3'-10" x 3'-10" **No. 3 Hatch** 3'-10" x 3'-10" **No. 4 Hatch** 3'-10" x 3'-10"

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

No. of Breasthooks Four **No. of Crutches** One + deep floors

Bulwarks, height above deck and description 6 5/16" x 3'. 3" Main Rail and Stays, material and size 7" x 3" x 7/16" Steel B.A.

The above is a correct description.

For The ... Shipbuilding & Engineering Co. Ltd.

Builder's Signature (here only) Herbert F. Craggs

Managing Director.

Surveyor's Signature Allison B. Wilson.

Surveyor to Lloyd's Register of British and Foreign Shipping.

Rpt. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*) (M.) 18-3-08. (E) 6-8-08

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? 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. 23, par 24)? Trawler State results of tests ✓

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? ✓ State results of tests ✓

General Remarks (State quality of workmanship, &c.) Workmanship good.

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this Report:– Plans of Midship Section, Profile, Pumping Arrangements, and Report on Ships Forgings.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. or Break 72.0 ft., Bridge Dk. ✓ ft., F'castle 22.5 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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 Dk.

Official No. ✓ ; Signal Letters ✓ State if Machinery is fitted aft Yes.

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint. 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. 1737

Date 28th Mar. -08

No. 123 in builder's yard

Dates of Surveys held while building: 1908. Mar. 30, April 1. 3. 6. 8. 10, 15, 22, 23, 25, 27. 29. May 4. 11. 12, 14, 18, 21, 28, June 1, 12. 16, 18, 26, July 3. 7. 9, 20. 27. 30, Aug. 5. 7. 11. 19. 21. 25, 26.

Total No. of Visits 37

The amount of Entry Fee £ 2 : – : –

Special £ 11 : 12 : –

Travelling Expenses, if any £ 1 : 11 : –

Fees applied for, 8th Sept. 1908 ABW.

Received by me, 11. 9. 1908 B 12. 9. 08

Certificate to be sent to Hull

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

I am of opinion this Vessel should be Classed ✠ 100 A1. "Steam Trawler".

With, or without Freeboard, as condition of Class Without.

Allison B. Wilson.

Surveyor to Lloyd's Register of British and Foreign Shipping.

The Surveyors are requested not to write on or below the Committee's Minute.

Committee's Minute FRI 11 SEP 1908

Character assigned 100 A1

Stm Trawler

Lloyds A & C P + LMC 8.08

Certs issued 16/10/08

W1583-0141½

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