~~With or~~ Without

~~Disconnected~~ Erections.

STEEL STEAMER.

Received at London Office SAT AUG 10 1912

State if Report is also sent on the Machinery of the Vessel Lon. Rpt.

Date of completion of report 30-7-1912 Port of Hull No. 25310

Survey held at Selby Date, First Survey June 10th Last Survey 30th July 1912

On the Screw Steamer "BALSENSE." Rig Yawl

RETAIN

TONNAGE under Tonnage Deck	47.99	CLASS "✠100 A1. ~~For fishing purposes.~~"
Do. between Tonnage Dk. and 3rd and 4th Dk.		
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	47.99	
Less Crew Space		
Less above Crown of Engine Room		
Tonnage for Fees	25.75	
Less Engine Room	1.17	
Less Navigation Spaces		
Register Tonnage *at on Beam*	21.07	

	FEET.
Breadth *(greatest moulded)*	17.50
Depth, *at middle of length from top of keel to top of upper deck beams at side*	6.83
Transverse Number	24.33
Length *on deck from fore part of stem to after part of stern post*	68.50
Longitudinal Number	1666
Depth "d," *at middle of length (See Secs. 2 & 13)*	5.91
Proportions—*Depths to Length—Upper Deck Beam at side to top of keel*	10.02
" " *Long Bridge Deck Beam at side to top of keel*	✓

Master ✓

Year of appointment (1) *As Master in service of owner of present vessel:*—191 ✓ (2) *As Master of this vessel* 191 ✓

Built at Selby

When built 1912 *Launched* 2nd July.

By whom built Cochrane & Sons.

Owners Companhia de Pescarias Balsense no Algarve.

Managers

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

Residence Tavira.

Port belonging to Tavira.

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

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck per Rule	68	6	**BREADTH**— Moulded	17	6	**DEPTH, ACTUAL**—Top of Floors to top of Upper Dk. Beams Do. do. do. do. Second Dk. Beams	6 ✓	4¼	No. of Decks with flat laid One No. of Tiers of Beams One

Dimensions of Ship per Register, Length 69.5 breadth 17.55 depth 6.4. Moulded depth, ft. ✓ ins. To Bridge Dk. Moulded depth, ft. 6 ins. 10 To Upper Dk. Round of Upper Dk. Beam, Actual 5¼ ins.

FRAMING.

	Inches in Ship.	Inches in Ship	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
FRAME, Angles, ~~or ⊏ or ⊏ Bars amidships~~	3	3	6/20	3	3	6/20
Do. in peaks						
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
Spacing of Frames from centre to centre amidships		20			20	
" " " " from ¼ length to Collision bulkhead						
" " " " in peaks.						
REVERSED FRAME, Angles	2½	2½	·24	2½	2½	·24
Do. in way of Double Bottoms at Solid Floors		✓				
" " at intermdt. Bkts.		✓				
FRAMING, depth of girder		3			3½	
FLOORS, depth and thickness of Floor Plate at mid-line for ¾ length amidships	11		·24	11		·24
" in way of Engine and Boiler Spaces			·35			·35
" thickness at the ends of vessel			·24			·24
" depth at ¾ the half breadth, as per Rule	Straight across					
" height extended at the Bilges	Arc			plan		
FLOORS & BRACKETS in **Cell Dble Bottoms**		✓				
" " state if flanged (top & bottom)		✓				
" " Spacing		✓				
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.		✓				
" " Angles, Top		✓				
" " " Bottom		✓				
" " " to Floors		✓				
SIDE GIRDERS, number on each side & thickness		✓				
" " state if flanged (top and bottom)		✓				
" " Angles (top and bottom)		✓				
" " " to Floors		✓				
MARGIN PLATE, depth (exclusive of flange) and thickness		✓				
" " Angles to Outside Plating		✓				
" " " Floors		✓				
" " Height of Brackets above at bilge		✓				
INNER BOTTOM PLATING, breadth and thickness of **Middle Line Strake**		✓				
" " " in Engine and Boiler space		✓				
" " " Remainder in Holds		✓				
BEAMS, Upper Deck, Single Angle, ~~Bulb Angle, Plate, Tee Bulb, or Channel~~	4½	3	·34	4½	3	·34
" Angles on upper edge		✓				
" In way of Long Bridge		✓				
" Spacing		40			40	
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS. Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		✓				
" Angles on upper edge		✓				
" Spacing		✓				

PILLARS.

	Inches. Size in Ship.	Inches. Spacing in Ship.	Inches per Rule. Or as	Inches per Rule. Approved.
PILLARS, In 'tween Deck, size and spacing	✓			
" " **Hold** " "	2¼	As arranged		
" **Quarter 'tween Dks.,** " "	✓			
" " **in Hold** " "	✓			

KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule as Approved.	Inches per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate		✓				
" Rider Plate		✓				
" Flat Plate Keel Angles		✓				
" Horizontal Plates on Floors		✓				
" ~~Angles or~~ Bulb Angles	7	3	·40	7	3	·40
SIDE KEELSONS, Number		✓				
" Angles or Bulb Angles		✓				
" Plate above floors, for length		✓				
" Intercostal Plate, for length		✓				
" Attached to outside Plating with Angle		✓				
BILGE KEELSON, Angles (One.)	5	3	·36	5	3	·36
" Intercostal Plate for length		✓				
" Attached to outside Plating with Angle		✓				
SIDE STRINGERS, Number		One			One	
" " Angle	3	3	·24	3	3	·24
" Intercostal Plate, for length		✓				
" Attached to outside plating with Angle		✓				
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	16		·22	16		·22
" " " " br'dth & thickness (in way of Bridge)		✓				
" " " Angle (clear of Bridge)	2½ × 2½		·24	2½ × 2½		·24
" " Tie Plate at sides of Hatchways	6		·22	6		·22
" Deck.* ~~Iron or~~ Steel, for Machinery lng.			·25			·25
" " Thickness (clear of Bridge)		✓				
" " " (in way of Bridge)		✓				
" Wood Deck. Material & thickness P. Pine		2½			2½	
Second Deck Stringer Plate, br'dth & thickness		✓				
" Angles on ditto, No.		✓				
" Tie Plates outside Hatchways		✓				
" Deck.* Iron or Steel, for lng.		✓				
" Wood Deck. Material & thickness		✓				
Third Deck Stringer Plate, br'dth & thickness		✓				
" Angles on ditto, No.		✓				
" Tie Plates, outside Hatchways		✓				
" Deck.* Material and thickness		✓				
Fourth and Fifth Deck Stringer Plate, breadth & thickness		✓				
" " " Angles on ditto, No.		✓				
" " " Tie Plates outside Hatchways		✓				
" " Deck. Material & thickness		✓				
Poop Deck Stringer Plate, breadth & thickness		✓				
" Angle on ditto		✓				
" Tie Plates		✓				
" Deck. Material and thickness		✓				
Bridge Deck Stringer Plate, br'dth & thickness		✓				
" Angle on ditto		✓				
" Tie Plates		✓				
" Deck. Material and thickness		✓				
Forecastle Deck Stringer Plate, b'dth & th'kns		✓				
" Angle on ditto		✓				
" Tie Plates		✓				
" Deck. Material and thickness		✓				

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

Form No. 1A.—1m,3,11.T.

WEB FRAMES.

WEB FRAMES.	Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.
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 Face Angles to Web-Frames	✓			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	✓			

FORGINGS ~~or CASTINGS~~.

FORGINGS	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness	6 × 1 1/8	6 × 1 1/8
STEM, moulding and thickness	6 × 1 1/8	6 × 1 1/8
STERN-POST for Rudder do. do. / for Propeller	5 1/4 × 2 1/4	5 1/4 × 2 1/4
RUDDER—A×D* Table 22. Speed Under 12 Knots	24·96	24·96
" Main-Piece, diameter at head	3	3
" " " at heel	2 1/2	2 1/2

BULKHEADS.

BULKHEADS.	Number. Vessel.	Number. Per Rule.	Thickness. Inches.	Stiffeners Horizontal Size. Inches.	Horizontal Spacing. Inches.	Vertical Size. Inches.	Vertical Spacing. Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	3	3	·26	3 × 2 1/2 × 6/20			48 / 30	Single	Dk.
COLLISION "			·26	3 × 2 1/2 × 6/20			48 / 24	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

RUDDER, how constructed Forged iron frame.

" Thickness ~~of Plates or~~ Single Plate ·74

Can the Rudder be unshipped afloat? Yes

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, Plating, &c.? Mild Steel. South Durham. Consett. Cargo Fleet. Palmers.

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

PLATING. / RIVETING.

Edges: Lower — Ordinary or joggled? Ordinary

STRAKES.	As in Ship Amidship Breadth (Inches)	Amidship Thickness (Inches)	Forward Thickness (Inches)	Aft Thickness (Inches)	Per Rule or as Approved Amidship Breadth (Inches)	Amidship Thickness (Inches)	Edges Single or Double	Edges Breadth of Lap (Inches)	Edges Rivets Diam. (Inches)	Edges Rivets Spacing cr. to cr. (Inches)	Butts Double or Treble and for what Length	Butts Rivets Diam. (Inches)	Butts Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (Inches)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
FLAT PLATE KEEL (If Bar Keel, state Riveting.)	Bar Keel								1	5							
GARBOARD OR A Strake	30	·28	·24	·24	30	·28					D full	5/8	2 1/4	8	·30		
B "		·24	·24	·24		·24	Double	3 3/4	5/8	2 1/2	ditto	ditto	ditto			4 1/4	Full
C "		·24	·24	·24		·24	ditto	ditto	ditto	ditto	ditto	ditto	ditto			ditto	ditto
D "		·24	·24	·24		·24	ditto	ditto	ditto	ditto	ditto	ditto	ditto			ditto	ditto
Sheer E "	30	·26	·24	·24	30	·26	ditto	ditto	ditto	ditto	ditto	ditto	ditto	8	·28		
F "																	
G "																	
H "																	
J "																	
K "																	
L "																	
M "																	
N "																	
O "																	
P "																	
Q "																	
R "																	
S "																	
T "																	
U "																	
V "																	
W "																	
TH'KNESS OF SH'RSTRAKE CLEAR OF LONG BRIDGE	✓																
DO. OF STRAKE BELOW	✓																
DBLG. OF FLAT PLATE KEEL	✓																
" Sheerstrakes (Length and thickness.)	✓																
POOP SIDES	✓																
SHORT BRIDGE SIDES	✓																
FORECASTLE SIDES	✓																

State actual thickness in way of Double Bottom.

Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

*Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

Upper Deck Stringer Plate: Butts, D'ble riveted for full length ~~amidship~~. Straps, ~~single, double or~~ overlapped for full length ~~amidship~~.

Second Deck Stringer Plate: Butts, ✓ riveted for ✓ length amidship. Straps, single or overlapped for ✓ length amidship.

Butts of Side Stringers Treble. riveted.

" Tie Plates Double. riveted.

Inner Bottom Plating, riveting of Edges ✓ Butts ✓

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

Frames, riveted through Plates with 5/8 in. Rivets, about 4 1/4 apart.

Rivets, state whether Iron or Steel

FRAMES extend in one length from Keel to Deck. State if ordinary or joggled Ordinary.

REVERSED FRAMES on floors and frames extend ~~from~~ across top of floors. (Single angle frames.) 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.	Angles Size.	Riveting Seams.	Riveting Butts.
LOWER MASTS Fore	P. Pine	28-0	8								
LOWER MASTS Main	✓										
LOWER MASTS Mizen	✓										

Bowsprit ✓

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

Rigging, Material and Size, Shrouds Galv^d. wire. Stays Galv^d. wire.

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

Form No. 1A.

EQUIPMENT No. ✓ LETTER ✓ ANCHORS. ~~TONNAGE U. DK. OR~~ PLATING No. FOR TRAWLERS 1666.

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 31~~ As Approved Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
39318	1st Bower	2	2	21	–	2	21	5	2	2	0	2	2	0	Rodgers	B. Taylor & Sons	L.P.H.T. 22-6-12, Perrins
39319	2nd "	2	2	7	–	2	21	5	0	0	0	2	2	0	"	" " "	" " 22-6-12 "
39317	3rd "	1	2	12	–	1	23	4	1	2	7	1	2	0	"	" " "	" " 22-6-12 "
	4th "																
	Collective weight																
	Stream																
	Kedge																

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

CHAIN CABLES.

Number of Certificate.	Length supplied (Fathoms)	Diam. (Ins.)	Test per Certificate Statutory (Tons)	Breaking (Tons)	Weight of Chain Cable Supplied (Cwts. qrs. lbs.)	Per Rule (Cwts. qrs. lbs.)	Length and Size ~~per Table 31~~ As Approved Length (Fathoms)	Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested, and Superintendent.
51104	60	11/16	8 1/2	12 3/4	15-0-8	14-2-7	60	11/16	Stud Link	L.P.H.-N. 26-6-12 H. Green, Sup.	
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 31 (Fathoms)	Cir. (Ins)
TOWLINE	✓				
HAWSERS & WARPS Manilla	60	4 1/2	✓	60	4 1/2
" "	60	2 1/2	✓	60	2 1/2
" "					

Boats One Lifeboat. Steering Gear, Steam ✓ Steering Gear, Hand by Cochrane & Sons

Pumps, Number Three Diameter of Barrel 4" State whether they are in efficient working order Yes.

Windlass is by Cochrane & Sons. Capstan ✓

Engine Room Skylights.—How constructed? Of Steel. What arrangements for deadlights in bad weather? Steel flaps & bullseyes.

Coal Bunker Openings.—How constructed? Cast iron rings How are lids secured? Screwed. Height above deck? Flush

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. On each side, 4 Scuppers. 3 Freeing ports 18" × 9"

Ceiling in Holds, thickness and material 1" Lining. Cargo Battens, thickness and material ✓

Cargo Hatchways.—How formed? Of Oak. Hatches, If strong and efficient? 2 1/2" Solid.

State size No. 1 Hatch (Forward) 3'-4" × 3'-4" No. 2 Hatch ✓ No. 3 Hatch ✓ No. 4 Hatch ✓

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

No. of Breasthooks Three No. of Crutches One & deep floors.

Bulwarks, height above deck and description 3'-6" × ·24" Main Rail, material and size 5" × 2 1/2" × ·30" Steel B.R.

The foregoing is a correct description.

Builder's Signature (here only) Cochrane & Sons *Surveyor's Signature* Allison B. Wilson. *Surveyor to 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.) 6-2-12, 12-2-12, 15-2-12, 4-5-12, 30-5-12. (S.) 14-3-12.

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. 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.) Workmanship good.

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

Accompanying this Report;- Plans of Midship Section, Profile and Deck, and a Report on Ships Forgings.

This is a sister vessel to the "Germano 3°", Hull Report N° 26165.

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

	£	s.	d.
The amount of Entry Fee	1	0	0
Special Survey Fee	7	0	0
Travelling Expenses, if any		8	6

Fees applied for, 2/8/ 1912. Received by me, 6-8 1912 WR

Certificate to be sent to Hull *Date of issue* 7/10/12 Certs to Hull & Manly direct to Cochrane & Sons as desired

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed ✠ 100 A1. "For fishing purposes" Allison B. Wilson.

With, or without Freeboard, as condition of Class Without. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

Committee's Minute TUE. AUG. 13. 1912

Character assigned 100A1 for fishg purposes

Lloyds acc... tkac 7.12

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

GENERAL REMARKS—(*continued*).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle ✓ 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 Dk.

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

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.
Double bottom, aft, ✓		
Double bottom, under Engines and Boilers, ✓		
Double bottom, if under Engines only, ✓		
Double bottom, if under Boilers only, ✓		
Double bottom, forward, ✓		
Total capacity of double bottom ✓		

Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Fore peak tank, ✓		
After peak tank, ✓		
Deep tank, aft, ✓		
Deep tank, forward, ✓		
Other tanks, if fitted, ✓		
(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. 1941

Date 9-5-12

No. 512 in builder's yard.

DATES of Surveys held while building: 1912:- Jun 10. 14. 19. 26. 28. Jul 1. 5. 11. 15. 26. 30

Total No. of Visits 11

Surveyor's Signature Allison B. Wilson.