

3 Decks.

IRON OR STEEL STEAMER.

Received at London Office. 26 OCT 1907.

Date of completion of report 21st October 1907 Port of Belfast
Survey held at Belfast Date, First Survey 7th June 1907 Last Survey 18th October 1907
On the T.S.S. Inguois Rig Schooner
THREE DECKED VESSEL.
Master J. D. Scott
CLASS 100 A.1. FEET.
Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—19
Built at Belfast When built 1906-7 Launched 27 June 1907
By whom built Messrs Harland & Wolff Ltd
Owners Anglo-American Oil Co Ltd.
Managers Do.
Residence 22 Belvoir St London E.C.
Port belonging to Belfast
If Surveyed while Building Afloat, or in Dry Dock Yes.

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
473	11		60	0		33	7	3	2
						26	7	3	3

Dimensions of Ship per Register, Length 473 breadth 60 depth 33.55. Moulded depth, ft. 35 ins. 5.5 To Upper Dk. Round of Upper Dk. Beam, Actual 14 ins.

FRAMING.				FORGINGS or CASTINGS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or L or T Bars for 1/2 length amidships				KEEL, Bar or Side Plates, depth and thickness			
8	3 1/2	11	8 3 1/2	11	Flat plate		
Do. for 1/2 at each end	8	3 1/2	10	8 3 1/2	12	3 1/2	12 3 1/2
Do. in way of Double Bottoms at Solid Floors	6	3 1/2	10	6 3 1/2	13	5 1/2	13 5 1/2
Spacing of Frames from centre to centre	26		26		STEM, moulding and thickness		
REVERSED FRAME, Angles	8	3 1/2	10	5 3 1/2	10	Stern-post for Rudder do. do.	
DEEP FRAMING, depth of girder					12	for Propeller	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	37		9	37	9	MAIN PIECE of Rudder, diameter at head	
in way of Engines and Boilers						12	12
thickness at the ends of vessel	30		130			9 1/2	8 1/2
depth at 1/2 the half breadth, as per Rule	69		169			RUDDER, how constructed	
height extended at the Bilges	61	12	10	61	12	Single plate	
FLOORS & BRACKETS in Cell Dble Bottoms state if flanged (top & bottom)	61	12	10	61	12	Can the Rudder be unshipped afloat?	
Spacing	26		26			Yes.	
CENTRE GIRDER, in Double bottom, depth and thickness	71	13	11	71	13	KEELSONS & STRINGERS.	
Increaser above Tank Top Angles, Top	4	4	12	11	4	CENTRE LINE KEELSON, Vertical Plates above	
Bottom	0	5	14	12	0	Floors, Through Plate, or Intercoastal Plate	
SIDE GIRDERS, number on each side & thickness	3		12	10	3	Rider Plate, or Centre Line, or Joints	
state if flanged (top and bottom)	10					Bulb Plate to Intercoastal Keelson	
Angles	3 1/2	3 1/2	12	10	3 1/2	Horizontal Plates on Floors	
MARGIN PLATE, depth (exclusive of flange) and thickness	6	6	11	6	6	Angles, to Keel, Plate	
Angles to Outside Plating	6	6	11	6	6	SIDE KEELSON, Angles	
Floors			12	10		Bulb or Plate above floors, for	
Height of Floors at the Bilges	70		70			Intercoastal Plate, for	
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	51	12	51	12		Attached to outside Plating with Angle	
only in Engine and Boiler space						Bulb or Plate above floors, for	
Remainder in Holds						Intercoastal Plate, for	
BEAMS, Upper Deck, Single Angle, Bulb	8	3 1/2	11	8 3 1/2	11	Attached to outside Plating with Angle	
Angle, Plate or Tee Bulb						Bulb or Intercoastal Plate, for	
Angles on upper edge						Attached to outside plating with Angle	
Spacing	26		26			Upper Deck Stringer Plates, br'dth & thickness	
BEAMS, Middle Deck, Single Angle, Bulb	9	3 1/2	11	9 3 1/2	11	Angle on ditto	
Angle, Plate or Tee Bulb						Tie Plates, outside Hatchways	
Angles on upper edge						Deck, Iron or Steel, for	
Spacing	26		26			Wood Deck, Material & thickness	
BEAMS, Lower Deck, Single Angle, Bulb	9	3 1/2	11	9 3 1/2	11	Middle Deck Stringer Plate, br'dth & thickness	
Angle, Plate or Tee Bulb						Angle on ditto, No.	
Angles on upper edge						Tie Plates outside Hatchways	
Spacing	26		26			Diagonal Tie Plates, No. of pairs	
BEAMS, Hold, or Orlop, Plate or Tee Bulb	9	3 1/2	11	9 3 1/2	11	Deck, Iron or Steel, for	
Angles on upper edge						Wood Deck, Material & thickness	
Spacing	26		26			Lower Deck Stringer Plate, br'dth & thickness	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3 1/2	10	8 3 1/2	10	Angles on ditto, No.	
Angles on upper edge						Tie Plates, outside Hatchways	
Spacing	26		26			Deck, Material and thickness	
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3 1/2	10	8 3 1/2	10	Hold, or Orlop Stringer Plate, br'dth & thickness	
Angles on upper edge						Angles on ditto, No.	
Spacing	26		26			Tie Plates outside Hatchways	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3 1/2	10	8 3 1/2	10	Deck, Material and thickness	
Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness	
Spacing	26		26			Angle on ditto	
PILLARS, In 'tween Deck, size and spacing	3 1/2	about 4 ft. apart	3 1/2	about 4 ft. apart		Tie Plates	
Hold	5	5 1/2	5	5 1/2		Deck, Material and thickness	
Quarter 'tween Dks.						Bridge Deck Stringer Plate, br'dth & thickness	
In Hold Channels	10	4 1/2	12	10	4 1/2	Angle on ditto	
WEB-FRAMES, In Fore Body, No. and spacing	20	4 1/2	20	4 1/2		Tie Plates	
br'dth. & thickness	30	10	30	10		Deck, Material and thickness	
No. of Side Stringers	4	30	10	4	30	Forecastle Deck Stringer Plate, br'dth & thickness	
WEB-FRAMES, In E. & B. Space, No. & spacing	7	5 1/2	7	5 1/2		Angle on ditto	
br'dth. & thickness	30	10	30	10		Tie Plates	
WEB-FRAMES, In After Body, No. and spacing						Deck, Material and thickness	
br'dth. & thickness						BULKHEADS.	
No. of Side Stringers						Number, Thickness, STIFFENERS.	
Size of Angles or Tee Bars to Web-Frames	5	3 1/2	10	5	3 1/2	Vessel, Per Rule, Horizontal, Vertical, Single or Double Frames, Height up.	
BRACKET PLATES to Stringers between Web Frames, depth and thickness	21	10	21	10		W. T. BULKHEADS	
						PARTITION	
						LONGITUDINAL	
						Are the outside Plates doubled two spaces of Frames in length?	
						Are the Sluice Valves and Watertight Doors in efficient working order?	

PLATING.

AS IN SHIP.

PER RULE OR AS APPROVED.

EDGES.

Ordinary or Joggled?

RIVETING.

BUTTS.

STRAKES.

AMIDSHIP.

FORWARD.

AFT.

AMIDSHIP.

Single or Double.

Breadth of Lap.

Diam.

Spacing cr to cr.

Double or Treble and for what length.

RIVETS.

Diam.

Spacing cr to cr.

BREADTH.

THICKNESS.

IF LAPPED.

Breadth.

For what Length.

FLAT PLATE KEEL.....

(If Bar Keel, state Riveting.)

GARBOARD OR A Strake...

State actual thickness in way of Double Bottom.

E

F

G

H

J

K

L

M

N

Sheerstrake

P

Q

R

S

DOUBLING of Flat Plate Keel

Length and thickness of Bilges.....

of Sheerstrakes.....

of Strake below

POOP SIDES.....

BRIDGE SIDES.....

FORECASTLE SIDES.....

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.?

Upper Deck Butts, treble riveted for

Stringer Plate Straps, single, double or overlapped for

Middle Deck Butts, treble riveted for

Stringer Plate Straps, single, double or overlapped for

Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted

Inner Bottom Plating, riveting of Edges

Centre Girder Butts, Quad. riveted

Keelson Butts, Tbl. riveted

Frames, riveted through Plates with

Rivets, state whether Iron or Steel

FRAMES extend in one length from

REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c.

Material.

Total Length.

DIAMETER AND THICKNESS.

At Partners.

Heel.

Hoards.

Head.

No. of Plates in round.

ANGLES.

Number.

Size.

SCAMS.

RIVETING.

Butts.

LOWER MASTS.....

Fore.....

Main.....

Mizen.....

Bowsprit

Topmasts, Yards and Remainder of Spars

Rigging, Material and Size, Shrouds

Sails.

EQUIPMENT No.

LETTER

ANCHORS.

Number of Certificate.

Anchor.

WEIGHT, EX. STOCK.

WEIGHT OF STOCK.

TEST, PER CERTIFICATE.

WEIGHT REQUIRED BY TABLE 22.

Description of Anchor.

Makers.

Where and when tested and Superintendent.

CHAIN CABLES.

HAWSEYS AND WARPS

Number of Certificate.

Length and size supplied.

Length, Diam.

Test per Certificate.

WEIGHT OF CHAIN CABLE.

Length and Size per Table 22.

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 22.

Boats

Pumps,

Windlass is

Engine Room Skylights.—How constructed?

What arrangements for deadlights in bad weather?

Coal Bunker Openings.—How constructed?

Ceiling in Holds, thickness and material

Cargo Hatchways.—How formed?

State size No. 1 Hatch (Forward)

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

Bulwarks, height above deck and description

The above is a correct description.

Builder's Signature (here only)

Diameter of Barrel

State whether they are in efficient working order

Capstan

Steel plate.

Steel shutters & Bullseyes.

How are lids secured?

Height above deck?

Flush.

Circular scuttles

11 Scuppers & open rails

Cargo Battens, thickness and material

Hatches, If strong and efficient?

Steel wt covers.

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

No. of Breasthooks

No. of Crutches

Main Rail, material and size

Surveyor's Signature

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

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)
M 18.8.06 12.4.06 19.4.06 6.6.06 14.6.06 19.6.06 28.6.06 10.11.07

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & lapped.
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?
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? No.

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)? Yes. State results of tests Good.
Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? 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 letter quoted above. The workmanship and materials are good throughout. All compartments fitted for carrying oil in bulk have been tested by water, as required by Rule, 12 ft above crown of tank.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 13' 1 ft., R.Q.D. or Break ft., Bridge Dk. 30' 4 ft., F'castle 48' 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 Sts (Sec) 3 tier of beams & web frames.
Official No. 124667 ; Signal Letters
How are the surfaces preserved from oxidation ? Inside Paint & Portland cement outside oil spaces. 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,	23'	194
Double bottom, under Engines and Boilers, (aft)	107-10	556	After peak tank, Upper	21' 8"	195
Double bottom, if under Engines only,			Deep tank, aft, Lower	26' 0"	1115
Double bottom, if under Boilers only,			Deep tank, forward,	39' 0"	962
Double bottom, forward,			Other tanks, if fitted, (If necessary, furnish further information by sketch.)		
Total capacity of double bottom		556			

* 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. 510
Date 11 June 1906
No. 385 in builder's yard.

Dates of Surveys held while building
1906 June 7, 10, 12, 16, 18, 19, 21, 28, 29 July 4, 18, 20, 24, 25, 27, 31 Aug 2, 8, 9, 10, 11, 13, 14, 29 Sep 5, 11, 13, 18, 19, 24, 28 Oct 3, 5, 9, 11, 12, 15, 18, 23, 25, 30 Nov 5, 7, 12, 14, 20, 23, 25, 29 Dec 1, 10, 12, 18, 1907 Jan 1, 3, 9, 11, 16, 21, 23, 24, 25, 28 Feb 1, 13, 14, 20, 21, 22, 25 Mar 4, 7, 12, 14, 19, 25, 27 Apr 4, 5, 6, 10, 12, 16, 18, 25, 28, 30 May 2, 3, 7, 9, 15, 17, 21, 23, 24, 28, 31 June 1, 18, 20, 22, 24, 26, 27 July 1, 4, 9, 11, 29, 31 Aug 2, 8, 13, 14, 19, 20, 22, 27, 28 Sep 2, 3, 6, 10, 13, 14, 16, 17, 18, 19, 20, 21, 23, 24, 27, 30 Oct 1, 2, 3, 4, 5, 7, 8, 9, 11, 12, 16, 17 Total No. of Visits 149

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 23 Oct 1907
Special Survey Fee.... £ 244 : 16 : 0 Received by me, 26 Oct 1907
Travelling Expenses, if any £ : :
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed * 100 A. 1. Steel For Carrying Petroleum
With, or without Freeboard, as condition of Class Without in Bulk
Surveyor to Lloyd's Register of British and Foreign Shipping. E. J. Milton

Committee's Minute
Character assigned 100A1 For Carrying petroleum in bulk
Lloyd's A & C. P. W. + L.M.B. 1007
F. D. Elee. Light

TUES. 29 OCT 1907