

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London 10-1913

Date of completion of report 1<sup>st</sup> July 1913

Survey held at Grangemonth

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "Impoco"

Tonnage under Tonnage Deck 1739.46

Do. between Tonnage Dk. and 2<sup>nd</sup> and 4<sup>th</sup> Dk. 119.46

Total under Upper Dk. 1858.92

Do. of Poop 119.46

Do. of R.Q. Dk. 280.52

Do. of Bridge House 59.53

Do. of Houses on Dk. 15.62

Do. of excess of Hatchways 41.99

Do. above Crown of Engine Room 2256.88

Gross Tonnage 1858.92

Less Crew Space 41.99

Net Tonnage 1816.93

Engine Room 2256.88

Navigation Spaces 151.49

Master Tonnage 1382.89

Length on Deck 250

Breadth 43

Depth 19

Dimensions of Ship per Register, Length 249.5 breadth 42.15 depth 19.45

FRAMING.

AME, Angles, or Bars amidships

Do. in peaks

Do. in way of Double Bottoms at Solid Floors

Do. at intermdt. Bkts.

ing of Frames from centre to centre amidships

Do. length to Collision bulkhead

Do. in peaks

VERSED FRAME, Angles, (in floors)

Do. in way of Double Bottoms at Solid Floors

Do. at intermdt. Bkts.

AMING, depth of girder

DOORS, depth and thickness of Floor Plate

Do. at mid-line for 1/2 length amidships

Do. in way of Engine and Boiler Spaces

Do. thickness at the ends of vessel

Do. depth at 1/2 the half breadth, as per Rule

Do. height extended at the Bilges

DOORS in Cell. Double Bottoms

Do. state if flanged (top & bottom)

Do. Spacing of Solid floors

NTRE GIRDER, in Dbl. bottom, dpth. & thcknss.

Do. Angles, Top

Do. Bottom

Do. to Floors

Do. Brackets at intermdt. frmg., wdth & thcknss

BE GIRDERS, number on each side & thickness

Do. state if flanged (top and bottom)

Do. Angles (top and bottom)

Do. to Floors

RGIN PLATE, depth (exclusive of flange)

Do. and thickness

Do. Angles to Outside Plating

Do. Floors

Do. Brackets at intermdt. frmg., wdth & thcknss

Do. Height of Outside Brackets above at bilge

ER BOTTOM PLATING, breadth and thickness of Middle Line Strake

Do. in Engine and Boiler space

Do. Remainder in Holds

MS, Upper Deck, Single Angle, Bulb

Do. Angle, Plate, Tee Bulb, or Channel

Do. In way of Long Bridge

Do. Spacing

MS, Second Deck, Single Angle, Bulb

Do. Angle, Plate, Tee Bulb, or Channel

Do. Spacing

BEAMS, Third and Fourth Deck, Single Angle, Bulb

Do. Angle, Plate, Tee Bulb, or Channel

Do. Angles on upper edge

Do. Spacing

BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Do. Angles on upper edge

Do. Spacing

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Do. Angles on upper edge

Do. Spacing

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel

Do. Angles on upper edge

Do. Spacing

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

Port of Receipt

Date, First Survey 20<sup>th</sup> September, 1913

Last Survey 1<sup>st</sup> July, 1913

Rig Two Mast No sails

Master J. Clark

Year of appointment 1913

Built at Grangemonth

When built 1913 Launched 20<sup>th</sup> May 1913

By whom built The Queen, Grangemonth S. B. L.

Owners Imperial Oil Co. Ltd.

Managers do

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

Residence Sarnia Ont.

Port belonging to London

Destined Voyage New York

If Surveyed while Building Afloat, or in Dry Dock Yes

Feet. Inches. BREADTH—Moulded 43 0

Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 18 10

Do. do. do. do. Second Dk. Beams 18 10

No. of Decks with flat laid One

No. of Tiers of Beams One

Moulded depth, ft. 21 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 10 3/4 ins.

Moulded depth, ft. 21 ins. 0 To Upper Dk.

PILLARS.

PILLARS, In 'tween Deck, size and spacing

Do. Hold

Do. Quarter 'tween Dks.

Do. in Hold

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate

Do. Rider Plate

Do. Flat Plate Keel Angles

Do. Horizontal Plates on Floors

Do. Angles or Bulb Angles

SIDE KEELSONS, Number One

Do. Angles or Bulb Angles

Do. Plate above floors, for full length

Do. Intercoastal Plate, for full length

Do. Attached to outside Plating with Angle

BILGE KEELSON, Angle, Bulb

Do. Intercoastal Plate for full length

Do. Attached to outside Plating with Angle

SIDE STRINGERS, Number Two

Do. Angle

Do. Intercoastal Plate, for full length

Do. Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)

Do. br'dth & thickness (in way of Bridge)

Do. Angle (clear of Bridge)

Do. Tie Plate at sides of Hatchways

Do. Deck, Iron or Steel, for full lng.

Do. Thickness (clear of Bridge)

Do. (in way of Bridge)

Do. Wood Deck. Material & thickness

Second Deck Stringer Plate, br'dth & thickness

Do. Angles on ditto, No.

Do. Tie Plates outside Hatchways

Do. Deck, Iron or Steel, for lng.

Do. Wood Deck. Material & thickness

Third Deck Stringer Plate, br'dth & thickness

Do. Angles on ditto, No.

Do. Tie Plates, outside Hatchways

Do. Deck, Material and thickness

Fourth and Fifth Deck Stringer Plate, breadth & thickness

Do. Angles on ditto, No.

Do. Tie Plates outside Hatchways

Do. Deck. Material & thickness

Poop Deck Stringer Plate, breadth & thickness

Do. Angle on ditto

Do. Tie Plates

Do. Deck. Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

Do. Angle on ditto

Do. Tie Plates

Do. Deck. Material and thickness

Forecastle Deck Stringer Plate, b'dth & th'kns

Do. Angle on ditto

Do. Tie Plates

Do. Deck. Material and thickness

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



[illegible]



GENERAL REMARKS—(continued).

WEB-FI  
WEB-FI  
WEB-FI  
BRACKI  
Web F  
BULKI  
W.T.BUI  
COLL  
PARTIT  
LONGIT  
Are the o  
Are the S  
FLAT PL  
(If Bar K  
GARBOAR  
State act  
thickness  
way of De  
Bottom  
TH'KNES  
CLEAR OF  
DO. OF  
DELG. OF  
POOF SII  
SHORT B  
FORECAST  
Upper  
Stringer  
Second  
Stringer  
FRAMES  
REVERSI  
LOWER M  
Bowsprit  
Topmaste  
Rigging  
Sails.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop  $\frac{1}{2}$  58 ft., R.Q.D.  $\checkmark$  ft., Bridge  $\checkmark$  ft., Forecastle 34.41 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Trunk from poop to Forecastle connected*

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) *one deck shell and one tier of beams*

Official No. 135,238; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft *Yes*

How are the surfaces preserved from oxidation? Inside *Paint, Cement + Bitumastic* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *cellular system under engines + boilers only*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	34.9	360
Double bottom, under Engines and Boilers,	48	105	After peak tank,	12.0	44
Double bottom, if under Engines only,			Deep tank, aft,	$\checkmark$	
Double bottom, if under Boilers only,			Deep tank, forward,	$\checkmark$	
Double bottom, forward,			Other tanks, if fitted,	$\checkmark$	
Total capacity of double bottom		105	(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 *Yes*

Order for Special Survey No. 955

Date *30 August, 1912*

No. 352 in builder's yard.

DATES OF SURVEYS held while building

1912 September 20-24 October 1-8-10-18-24-31 November 5-6-13-20-24 December 5-12-18-24-30 1913 January 6-15-22-31 February 4-11-14-19-21-24 March 2-13-20-25-31 April 5-11-14-24-29 May 1-6-8-12-14-16-19 June 25-27 July 1

Surveyor's Signature

*J. M. Henderson*

Total No. of Visits *19.5*

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