

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office: **WED. 24 APR. 1918**

Date of completion of report **19<sup>th</sup> April 1918** Port of **Greenock** No. **14285**  
Survey held at **Port Glasgow** Date, First Survey **25<sup>th</sup> January, 1914** Last Survey **18<sup>th</sup> April 1918**

On the (State if Single, Twin, or Triple Screw) **Single Screw Steamer R.F.A. PETRELLA** Rig One mast for signal purposes

TONNAGE under Tonnage Deck... **359.83**

Do. between Tonnage Dk. and 3rd and 4th Dk. **359.83**

Under Upper Dk. **359.83**

Dk. **50.16**

Age House **25.14**

Castle & Masts **18.97**

Uses on Dk. **17.55**

as of Hatchways **3.64**

Crown of Room... **475.29**

Space **38.77**

Crown of Room... **436.52**

Room... **198.62**

ation Spaces **75.40**

Tonnage Beam **162.50**

CLASS **100A1 "CARRYING PETROLEUM FEET. IN BULK"**

Breadth (greatest moulded) **28.0**

Depth, at middle of length from top of keel to top of upper deck beams at side **12.0**

Transverse Number **40.0**

Length on deck from fore part of stem to after part of stern post **155.0**

Longitudinal Number **6200**

Depth "d," at middle of length (See Secs. 2 & 13) **10.79 U.D.S. 14.54 R.Q.D.**

Proportions—Depths to Length—Upper Deck Beam at side to top of keel **12.92**

RAISED QUARTER LONG BRIDGE DECK Beam at side to top of keel **9.84**

Destined Voyage **Not known**

Surveyed while Building, Afloat, or in Dry Dock

Master **S. Luyman**

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

Built at **Port Glasgow**

When built **1918** Launched **16<sup>th</sup> February 1918**

By whom built **Frasers Dunlop & Bremner & Co. Ltd.**

Owners **The Admiralty**

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

Residence **London**

Port belonging to **London**

On Deck 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	One
Rule	155	0	Moulded	28	0	Do. do. do. do. Second Dk. Beams	11	3	No. of Tiers of Beams	One

Moulded depth, ft. **15** ins. **9** To **8.98** Dk. Round of Upper Dk. Beam, Actual **7** ins.

Moulded depth, ft. **12** ins. **0** To Upper Dk. Dk. Beam, Actual **7** ins.

ms of Ship per Register, Length **155.0** breadth **28.1** depth **11.25**

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

E. Angles, or E or L Bars amidships **6 3 32 6 3 32**

peaks & SHARP TUNNEL ANGLES **4 3 34 4 3 34**

IN BOILER SPACE way of Double Bottoms at Solid Floors **6 3 44 6 3 44**

IN ENGINE SPACE **6 3 42 6 3 42**

IN FOR CARGO SPACE at intermdt. Bkts. **5 3 30 5 3 30**

of Frames from centre to centre amidships **22" THROUGHOUT 22" THROUGHOUT**

length to Collision bulkhead in peaks.

SED FRAME, Angles. DOUBLE DOUBLE

Top of FLOORS IN ENGINE SPACE **3 1/2 3 40 3 1/2 3 40**

way of Double Bottoms at Solid Floors **3 3 30 3 3 30**

IN BOILER SPACE at intermdt. Bkts.

NG, depth of girder **16 130 16 30**

S, depth and thickness of Floor Plate at mid-line for length amidships **ES 34 BS 40 ES 34 BS 40**

way of Engine and Boiler Spaces **126 26**

ickness at the ends of vessel **FLOORS CARRIED STRAIGHT ACROSS 32 32**

pth at 1/2 the half breadth, as per Rule

eight extended at the Bilges

S in Cell, Double Bottoms

state if flanged (top & bottom)

Spacing of Solid floors

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

Angles, Top

Bottom

to Floors

Brackets at intermdt. frmg., with & thcknss

ORDERS, number on each side & thickness

state if flanged (top and bottom)

Angles (top and bottom)

to Floors

PLATE, depth (exclusive of flange) and thickness

Angle to Outside Plating

Floors

Brackets at intermdt. frmg., with & thcknss

Height of Outside Brackets above at bilge

BOTTOM PLATING, breadth and thickness of Middle Line Strake

in Engine and Boiler space

Remainder in Hold

BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

In way of Long Bridge

Spacing

BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel

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 in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

PILLARS In 'tween Deck, size and spacing **2 1/2 44 2 1/2 44**

" Hold **CENTRE LINE BULKHEAD**

" Quarter 'tween Dks. **IL 6x3x3 3/8 IN FOR OIL TANK**

" in Hold **IL 6x3x3 3/8 IN FOR OIL TANK**

KEELSONS & STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate **40 40**

Rider Plate **3 1/2 3 1/2 36 3 1/2 3 1/2 36**

Flat Plate Keel Angles **3 1/2 3 1/2 36 3 1/2 3 1/2 36**

Horizontal Plates on Floors

Angles or Bulb Angles

SIDE KEELSONS, Number **ONE**

Angle or Bulb Angle **8 3 40 8 3 40**

Plate above floor, for length

Intercoastal Plate, for FULL length **3 3 30 3 3 30**

Attached to outside Plating with Angle

BILGE KEELSON, Angle

Intercoastal Plate for length

Attached to outside Plating with Angle

SIDE STRINGERS, Number **ONE**

Angle **5 3 44 5 3 44**

Intercoastal Plate, for FULL length **16 30 16 30**

Attached to outside plating with Angle **5 5 40 5 5 38**

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) **38 40 38 40**

br'dth & thickness (in way of Bridge) **5 x 5 40 5 x 5 40**

Angle (clear of Bridge) **5 x 5 40 5 x 5 40**

Tie Plates at sides of Hatchways **30 30**

Deck \* Iron or Steel, for FULL lng. **30 30**

Thickness (clear of Bridge) **30 30**

(in way of Bridge)

Wood Deck, Material & thickness

RAISED QUARTER Second Deck Stringer Plate, br'dth & thickness **38 36 38 36**

Angle on ditto, No. **3 x 3 38 3 x 3 38**

Tie Plates outside Hatchways **30 30**

Deck \* Iron or Steel, for FULL lng. **30 30**

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 and thickness

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Deck \* Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness **51 30 51 30**

Angle on ditto **12 x 3 1/2 x 3 1/2 30 12 x 3 1/2 x 3 1/2 30**

Tie Plates **7 24 7 24**

Deck \* Material and thickness **5 x 2 1/2 P.P. 5 x 2 1/2 P.P.**

Forecastle Deck Stringer Plate, br'dth & th'kns **15 24 15 24**

Angle on ditto **12 x 3 1/2 x 3 1/2 30 12 x 3 1/2 x 3 1/2 30**

Tie Plates **6 24 6 24**

Deck \* Material and thickness **5 x 2 1/2 P.P. 5 x 2 1/2 P.P.**







WEB-FR

WEB-FR

WEB-FR

Size  
BRACKET  
Web Fra

BULKH

W.T.BULK  
After F

COLLIS  
PARTITION  
LONGITUD  
SHIP IN WAY OF

Are the out

Are the Shul

STR

FLAT PLAT  
(If Bar Keel,  
GARBOARD

State actual  
thickness in  
way of Doub  
Bottom.

SHEERSTR

RAISED QUAR  
THICKNESS OF  
CLEAR OF LO  
Do. of STI  
Date of Flat

" She  
Length and

DECK SIDES

SHORT BRIDG

FORECASTLE

Upper Deck  
Stringer P

R.Q.F  
Second Deck  
Stringer P

FRAMES ex  
REVERSED

LOWER MAST

Downspit

Topmasts, Y

Rigging, Ma

Sails.

GENERAL REMARKS—(continued).

REPORT ON MACHINERY

Rpt. 4.

Date of writing Report

No. in Survey held  
Reg. Book.

on the

Master

Engines made at

Boilers made at

Registered Horse Power

Nom. Horse Power as

NGINES, &c.—

Dia. of Cylinders

Is the screw shaft fitted

in the propeller boss

between the bearings

liners are fitted, is t

Dia. of Tunnel shaft

collars

No. of Feed pumps

No. of Bilge pumps

No. of Donkey Engine

In Engine Room

CHAIN LOCK

No. of Bilge Injections

Are all the bilge suction

Are all connections

Are they fixed sufficient

Are they each fitted u

What pipes are car

Are all Pipes, Cock

Are the Bilge Suction

Is the Screw Shaft

BOILERS, &c.

Total Heating Sur

Working Pressur

Can each boiler be

each boiler 2 1/2

Smallest distance be

Thickness

ong. seams

Per centages of str

Size of compensati

Length of plain p

Working pressure

Pitch of stays to a

Material of stays

37-0

Area at smalles

15-0

Thickness

Diameter of tube

Pitch across

Thickness of gir

Working pressu

Diameter

Pitch of rivets

UPERHE

Date of Test

meter of Safety

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 62.8 ft., Bridge 47 ft., Forecastle 24.3 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 in the Register Book)

Official No. 142383 ; Signal Letters

State if Machinery is fitted aft

Outside

How are the surfaces preserved from oxidation? Inside Oil, Cement & Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted.

\*Length.

Water Capacity.

Feet.

Tons.

Fore peak tank,

After peak tank,

RESERVE FWD

Deep tank, aft,

Deep tank, forward,

Other tanks, if fitted,

Total capacity of double bottom

State whether the above have been tested as required by the Rules

Order for Special Survey

Date

No.

in builder's yard

DATES OF SURVEYS held while building

Surveyor's Signature

Robert Dunsmuir