

# PROPOSED MIDSHIP SECTION

OF Steel Screw Steamer

To Class 100.A.1 of Lloyds.

Scale 2" = 1 Foot

Principal Dimensions

Length B.P. 110' 0"

Breadth Mid. 19' 6"

Depth Mid. 9' 9"

WOOD, SKINNER & CO. LTD.  
SHIPBUILDERS  
NEWCASTLE-ON-TYNE

1.6.20

## Particulars for Freeboard

Approx. Reg. Dimensions 110' x 19' 5 1/2" x 8' 9 1/2"

" Under Deck Tonnage 130 Tons

Sheer at stem 43 inches

Sheer " 84 from stem 23' 6 1/2"

Sheer " Fore end of bridge 1 inch

Sheer " Stern 15 inches

Sheer " 84 from stern 8' 2 1/2"

No opening in Bridge Front

Raised Quarter deck 33' 7" x 2' 6" High

Bridge on Upper dk. 8' 7 1/2" x 7' 0" High

Forecastle 16' 7 1/2" x 4' 5" High

## Numerals

Fender

Breadth Mid. 19' 5"

E = 33'

Depth " 9' 7 1/2"

4 1/2"

Transverse No. 2925

Length B.P. 110' 0"

3 1/2"

Longitudinal No. 32175

D = 54"

## Proportions

Depths to Length U.D. 11' 2 1/2" x 8' 9 1/2"

" 2" to Upper deck 8' 7 1/2" (12 from)

" 2" to Quarter " 11' 2 1/2" ( " )

C = 49"

Note: All angles in Boiler Space

except those attached to outside

plating to be increased "10" where

not shown increased

## Casing

Rail Bar Bulb Angle

Quarter Deck Stringer Plate

21' x 28" Angle 3' x 3' x 30

Deck Plating "28" "22"

3' x 3' x 30

28" Coaming Plate

5" Camber

Beam under 20' 30"

Quarter Deck Beams 4' x 22' x 30" Knees 12' x 30"

" " Half " 3' x 22' x 30" " " "

All beams stop at toe of Frames

Forgings: Stem 5 1/2' x 1 1/4" Post 5 1/2' x 2 1/2" Post 5 1/2' x 2 1/2"

Frames in way of Quarter Deck 4' x 3' x 30" P.A.

spaced 21" apart

Centre Keelson Intercoastals 30 for 2L 26 at ends

" " Top angles 4' x 3 1/2' x 36" double

" " Bottom " 3' x 3' x 28"

Side girders 26" Angles 3' x 3' x 28"

Reverse bars on top of floors 22' x 22' x 30"

Pillars 2 1/2" diam.

2 1/2" Wood Ceiling

22' x 22' x 30"

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Bridge deck Stringer Plate 21' x 28" Angle 22' x 22' x 28"

Forecastle " " 12' x 28" " 22' x 22' x 28" Steel dk. 25 Sheathed with 2 1/2" P.P.

Bridge dk. tie plates 6' x 28" x 2 1/2" Pitch Pine dk.

Bridge and Forecastle deck beams with P.

4' x 3' x 30" Knees 12' x 34"

All beams stop at toe of Frames

Upper dk. Stringer 21' 39' x 30"

" " " Bar 3' x 3' x 30"

22" Wood Covers

Plating 30"

7' x 3' x 40" B.A.

3' x 3' x 40" Double webs 34"

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## Equipment

Length N° 3217.5

R.Q. Dk. 33' 7" x 2' 5" 84' 25"

Bridge " 8' 7 1/2" x 7' 0" 45' 93"

Fble " 16' 7 1/2" x 4' 5" x 7' 5" 56' 53"

G = 25 Equipment N° (8) 3404.21

2 Bower Anchors (Stockless) 5 1/2 cwt's each

1 Stream " (Ex Stock) 1 1/2"

1 Kedge " (Ex " ) 1 1/2 cwt

120 fathoms 1 1/2" Stud chain Cable

75 fathoms 2 1/2" Steel wire or 6 hemp

1-4" hawser 90 fathoms long

45 fathoms 1 1/2" Steel chain or 2" steel wire

Sheerstrake 33' x 36" for 2L 6

30 at ends doubled at break

as per Profile. Butts overlapped

and double riveted throughout

(10 + 02) =

D = 32 for 2L 6 26 at ends (Rule) butts 2R

Increased 10 in lieu of Side Stringer

Propeller Base Plates 28" Butt 2R

C = 28 for 2L 6 26 at ends Butts 2R thro' out

Bridge keel, 6' x 30" Butt Plate 4' x 3' x 30" Angle

Plat Plate Keel 33' x 44" for 2SL Butts 2R

To 36 at ends Butts lapped

4 treble riveted double at ends

Strakes A + B to have midship thickness maintained to

Rule position of collision Bulkhead

See note below

Strakes A + B increased "10" beyond rule for flat of bottom only

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N° 227 1/2



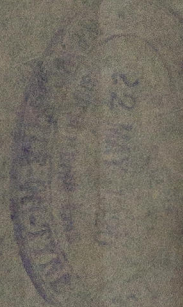
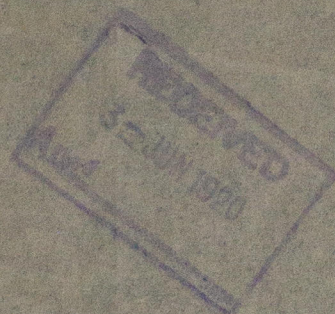
Lloyds Register  
Classification



1.  
Wood Skinner H<sup>o</sup>-Ld  
S. S. N<sup>o</sup> 227  
Midship Section

"Spey"  
"Harvest Queen"  
NEWCASTLE ON TYNE.  
Report No. 741055.

W1123-0272



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Lloyd's Register  
Foundation