

S/S. "VIKINGSTAR" (EX "LUSIADA")  
BUILT BY MESSRS. NAPIER & MILLER, OLD KILPATRICK 1920

400' B.P. x 52' 0" x 31' 0" MLD.

SKETCH SHEWING MIDSHIP SECTION WITH PROPOSED  
ORLOP DECK.

ORLOP DECK 10' 9" B.T.O.B. IN NOS 1 & 2 HOLDS

8' 0" " " 3 & 4

AWNING DECK

STRINGER PLATE 54" x 64" x 30

ANGLE 6" x 6" x 48 TO 32" x 32" x 34

AWNING D<sup>K</sup> BEAMS 9" x 3 1/2" x 48 B.A. WITH 4" x 4" x 50 REVERSES WHERE NECESSARY

PILLARS 2 7/8" DIA<sup>R</sup>

KNEES 22" x 42"

CHILLED BEEF NOW CARRIED  
IN AWNING TWEENS.

UPPER D<sup>K</sup> ST<sup>R</sup> PL. 76 FOR 1/2 L.

TO 85" x 44

ST<sup>R</sup> ANGLE 3 1/2" x 3 1/2" x 48  
SHELL CHOCKS " " "

D<sup>K</sup> 76"

UPPER D<sup>K</sup> BEAMS 10" x 3 1/2" x 48 B.A. ON EVERY FRAME WITH 4" x 4" REVERSES WHERE NECESSARY

KNEES  
22" x 42"

CHILLED BEEF NOW CARRIED  
IN MAIN TWEENS.

PILLARS 3 1/4" DIA<sup>R</sup> ALT. FRMS

2<sup>ND</sup> DECK

STR. PL. 62" x 40

ANGLE 3 1/2" x 3 1/2" x 44

DK 32 TO 30

13" CAMBER.

LUG EVERY BEAM  
4" x 4" x 50

7" x 3 1/2" x 3 1/2" x 48  
Ch. FORE & AFT.

2<sup>ND</sup> D<sup>K</sup> BEAMS 10" x 3 1/2" x 56 B.A. EVERY FRAME.

KNEES 27" x 46"

11' 6" TO ENSURE WING PILLARS  
BEING INCLOSED IN HATCH TRUNKING

ADDITIONAL PILLARS (SEE PROFILE)

TO HAVE GOOD BEARING FIT  
AT HEADS & HEELS

PROPOSED TO CARRY CHILLED  
BEEF IN ORLOP TWEENS.

FRAMES 10" x 3 1/2" x 46 B.A.

SPACED 26" APART.

PILLARS  
AS ON PROFILE

PROPOSED ORLOP DECK

ST<sup>R</sup> PL 48" x 36 TO FACE OF FRAME ONLY.

ANGLE 6" x 8 1/2" x 40

BACK BAR ATTACHMENT 6" x 8 1/2" x 40

D<sup>K</sup> PLATING 32"

LUG EVERY BEAM  
4" x 4" x 50

7" x 3 1/2" x 3 1/2" x 48 ch.  
FORE & AFT.

ORLOP D<sup>K</sup> BEAMS 9" x 3 1/2" x 3 1/2" x 44 CHANNELS.

EVERY FRAME

might be 8 + 3 + 110 bulthangers at 10' 9"  
between decks above, and 7 + 3 + 110 bulthangers at 8' 0" between  
decks above

KNEES 27" x 46"

PILLARS  
AS ON PROFILE

ADDITIONAL PILLARS (SEE PROFILE)

TO HAVE GOOD BEARING  
FIT AT HEADS & HEELS

LOWER HOLD FOR FROZEN CARGOES ONLY

Pillars to alternate frames as the deck plating  
is not connected by intermediate to the deck plating

42 FOR 1/2 L.

206 x 3 x 50  
STIFFENERS

WHERE OPEN FLOOR UNDER  
NEW PILLARS, PLATE BRACKETS  
FITTED TO TAKE ANGLE STIFFENERS.



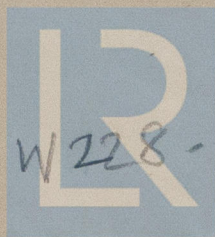
A GOODWIN HAMILTON & ADAMSON LTD.  
CONSULTING ENGINEERS  
& NAVAL ARCHITECTS  
19 JAMES STREET  
LIVERPOOL.  
13. 8. 1923

W22-0154



Ukingstar

Liv. 86549.



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W228-0154

Olsby's Register  
Foundation