

6.11.31

No 1420 STERN FRAME & RUDDER

SCALE 1/2" = 1 FT.

L x D (CORRECTED FOR DRAFT) = 3920

RUDDER AREA = 61.5 SQ FT

A x D = 116 SPEED 11 KNOTS

135



6 1/4" DIAMT INCLUDES 10% FOR ICE STRENGTHENING

3' 5"

7/8" R SPACED 5 1/4" APART CR TO CR

DEPTH OF STERN FRAME GUDGEON = 4 1/4"

DIAMT OF PINTLE = 3 1/4"

DEPTH " " = 4 1/2"

METAL AROUND " = 1 1/2" 1 5/8"

1/4" BRASS BUSH ON PINTLES 1/2" LIGNUM VITAE BUSH IN GUDGEONS

15 5/8" CIRC COUPLING 1 1/4" DIA
1 3/4" 1 5/8" FLANGES (KEYED)
6 - 1 1/2" BOLTS

7/8" RIVETS IN RUDDER
SPACED 5 3/4" APART CR TO CR
4 3/8"

SIDE PLATES 30

ALTERNATIVE SECTION OF POST
OF EQUIVALENT
SECTIONAL AREA

Section modulus about axis XX

7" fitted
8" fitted

ALTERNATIVE SECTION
4-9

3" METAL FINISH

2 ROWS 1" R SPACED 5" APART CR TO CR in each row

10" x 1 3/4"

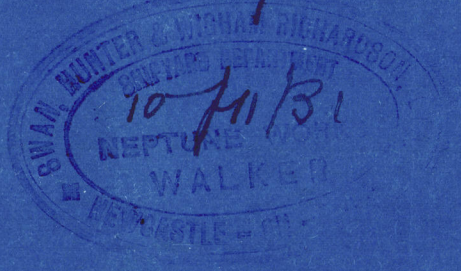
BASE LINE

13' 0"

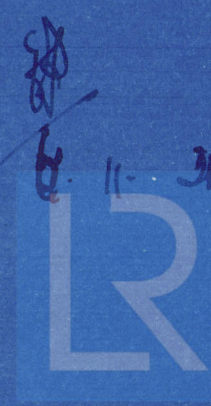
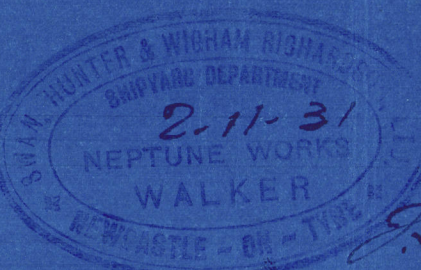
SECTION THRU RUDDER

SCALE 1" = 1 FOOT

5092.



No 5055



© 2021

Lloyd's Register Foundation

006731-006240-0044

(4)

Swan Hunter N. ~~1474~~ 1475

Amended plan of
Rudder & Stern frame

S. S. "BELLE ISLE"

NEWCASTLE ON TYNE.

Report No. ~~79~~ 88602.

See later



© 2021

006731-006740-0044

Lloyd's Register
Foundation

