

No 1743. Stern Frame & Rudder. Scale $\frac{1}{2}'' = 1\text{ Ft.}$

Stern Frame of Cast Steel.
Rudder Rudder Upper Stock Forged Steel
Area of Rudder Aft of Pintles = 187.7 Sq. Ft.
C.G. = 4.91 Ft.

To pass Lloyds tests & 100 A1.

$$A \times D = 922.0$$

$$\text{Rule Dia. of Rudder Head} = 13.30'$$

$$10\% \text{ Addition for Tankers} = 1.33$$

$$\text{Dia. of Rudder Head} = 14.63' = 14\frac{5}{8}''$$

$$\text{Speed } 12\frac{1}{2} \text{ Knots.}$$

NOTES -

DIMENSIONS ON THIS DRAWING ARE TO BE CAREFULLY WORKED TO UNLESS OTHERWISE AGREED AS AN EXCESS OVER CALCULATED WEIGHT WILL NOT BE PAID FOR.
ALL MACHINING TO BE DONE BY MAKERS, THE STERN-FRAME BOSS TO BE BORED TO ROUGH DIAMETER.
ALL RIVET HOLES TO BE DRILLED BY MAKERS AS INDICATED BY TICKED LINES & SPACING AS GIVEN MUST BE NOWHERE EXCEEDED.
BACK OF STERN POST TO BE PERFECTLY SQUARE TO BASE.
CENTRE OF UPPER STOCK GUDGEONS & PINTLES TO BE IN A PERFECTLY STRAIGHT LINE SQUARE TO BASE & POSITION OF RUDDER GUDGEONS TO BE TEMPLATED FROM STERN POST.
RUDDER COUPLING BOLTS TO HAVE STANDARD WHITWORTH THREAD.
RUDDER & STERN FRAME NOT TO BE PAINTED, BUT TO BE GIVEN A COAT OF OIL BEFORE DESPATCH.
WEIGHT & SHIPS NUMBER TO BE PAINTED ON.

SCANTLINGS OF STERN FRAME ARE APPROXIMATE ONLY, & ARE NOT TO BE WORKED TO, BUT ARE NOT TO BE LESS THAN SHOWN.
FULL-SIZE SECTIONS OF ALL PARTS STERN-FRAME WILL BE SENT LATER WHICH MUST BE WORKED TO.

Detail of Coupling.
Scale $\frac{1}{2}'' = 1\text{ Ft.}$

Elevation.

Plan.

Section Thru Rudder.
Scale $\frac{1}{2}'' = 1\text{ Ft.}$

Detail of Palm.
at A.

Detail of Pintle Nut.
Scale $\frac{1}{2}'' = 1\text{ Ft.}$

Detail of Pintles B.
Scale $\frac{1}{2}'' = 1\text{ Ft.}$

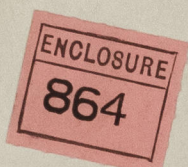
Detail of Pintle C.
Scale $\frac{1}{2}'' = 1\text{ Ft.}$

RECEIVED AT WALLSEND WITH
LETTER OF Dec 18/1944.

18-12-44

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SWAN HUNTER & WIGHAM
RICHARDSON LTD.

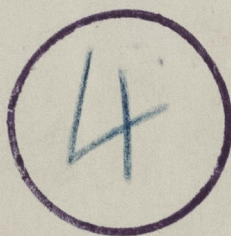


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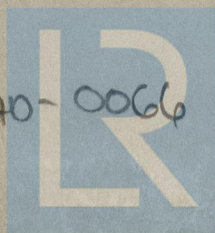
Stern frame & Rudder



"~~R~~EGENT TIGER" ❄



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SHIP NO. 1743

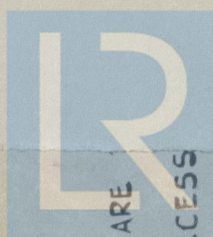
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"Regent Tiger"
NEWCASTLE ON TYNE

Report No. 104060

Stern Frame & Rudder.

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