

Tank Steamer

Equipment Humeral.

$$107.73 \times 358.16 = 38585$$
$$\text{Erections} = 1820$$
$$\text{Humeral} = 40405$$

Equipment

2 Bowers 5 1/2 cwt. each, stockless.
1 Bower 4 1/2 cwt. stockless.
1 stream 12 3/4 cwt. box stock.
1 headge 6 1/2 cwt. ex. stock.
270 fms 2 7/8 steel chain cable.
90 fms 4 1/2 steel wire.
120 fms 4 1/2 steel wire.
2 at 90 fms. each 7-hawker.
2 at 90 fms. each 7-warps

<u>Principal Dimensions.</u>	
Length overall	Feet 2-3 373-0
Length between perps.	360-0
Breadth extreme	49-9
Depth moulded	30-3
Depth of Hold	28-8 ³ / ₄
Draught of Water	24-0

Scale $\frac{1}{2}$ " - 1 Foot.
Class + 100 A. 1. Lloyds. 3 deck rule.

Riveting

All bulks and seams to be lapped.
 Bulks of sheerstrake quadruple riveted all fore & aft.
 remainder of shell bulks below sheerstrake triple riveted.
 all fore & aft, and quadruple riveted where above rule widths.
 Bulks of Prop, Main & Forecastle sides double riveted.
 Bulkhead bulks single riveted. Bulks of ~~upper~~ Main Decks up. Bulk of upper deck stronger quadruple fore & aft, triple at ends
 Stringer plates triple riveted all fore & aft. Bulks of Upper
 & Main Decks plating double in way of Oil & for 1/2 length to
 single at ends. Upper deck seams single all fore and aft. ~~double in way of oil & for 1/2 length to~~
 Main Deck seams double in way of Oil, remainder single.
 Bulks of Poop, bridge & Fore Stringer & keel plates double riveted.
 Bulks & seams of Poop Deck plating single riveted.
 Ordinary watertight bulkhead seams & bulks single riveted.
 Bulks of center bulkhead & expansion trunk side plating double riveted.
 Bulks of inner bottom in boiler room double riveted.
 and two seams on each side of center line double
 riveted, remainder of seams single riveted.

[illegible]

Ordinary Watertight Bulkheads.
Plating. Lower half $\frac{1}{2}$ "
Plating Upper half $\frac{7}{16}$ "
Vertical Stiffeners $6 \times 3\frac{1}{2} \times \frac{1}{2}$ angles
spaced 30" apart. Horizontal
stiffeners as per profile. Frame
angles $6 \times 3\frac{1}{2} \times \frac{1}{2}$ double.
Deck angles $4 \times 4 \times \frac{1}{2}$ double.

Double bottom in Boiler Room	
Stem	Scamling
Centre Girders	$1\frac{1}{4} \times \frac{1}{2} \%$
Side Girders	$\frac{7}{8} \%$
Margin plate	$3\frac{1}{2} \times \frac{1}{2} \%$
Trans Top plating	$\frac{1}{2} \%$
Trans Bracket Plates	$\frac{1}{2} \%$
Floor plates	$\frac{1}{2} \%$
On Girders top angles	$1\frac{1}{4} \times 2\frac{1}{2} \%$
Fore & Aft angle on margin	$3\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{2} \%$
Connecting angles	$3\frac{1}{2} \times 3\frac{1}{2} \%$
Transverse frames (double)	$3\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{2} \%$
Frames	$3\frac{1}{2} \times 3\frac{1}{2} \%$
Double connecting angles on centre	
Girders & on outside of margin plate	
Remainder single	

Stern 11×3 or $9 \times 3\frac{5}{8}$ "
 Stern frame 11×7 "
 Rudder head $9\frac{1}{2}$ " diam.
 Rudder pintles $4\frac{3}{4}$ " diam.

Keel plate $48 \times \frac{18}{20}$ for $\frac{3}{5}$ L.
to $\frac{14}{20} + \frac{2}{20}$ for $\frac{1}{2}$ L.

Midship thickness to be maintained forward to collision bulkhead

24-9 moulded

SIR W. G. ARMSTRONG, WHITWORTH & CO. LIMITED
NEWCASTLE-UPON-TYNE.
No. 891. DATE 3. 12. 00.
WALKER SHIPYARD.

Master Lib Armstrong Whitworth & Co

S 8360

No 717

W1217-0070

Midship Section

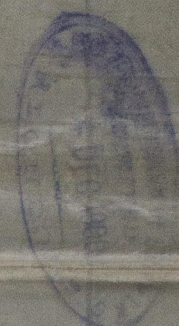
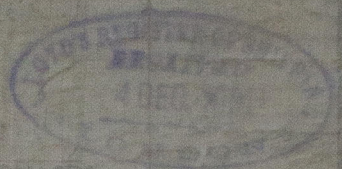
J. L. Kineman

Awe. H 1096

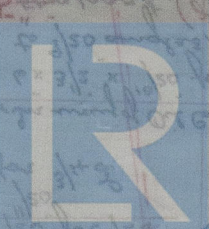
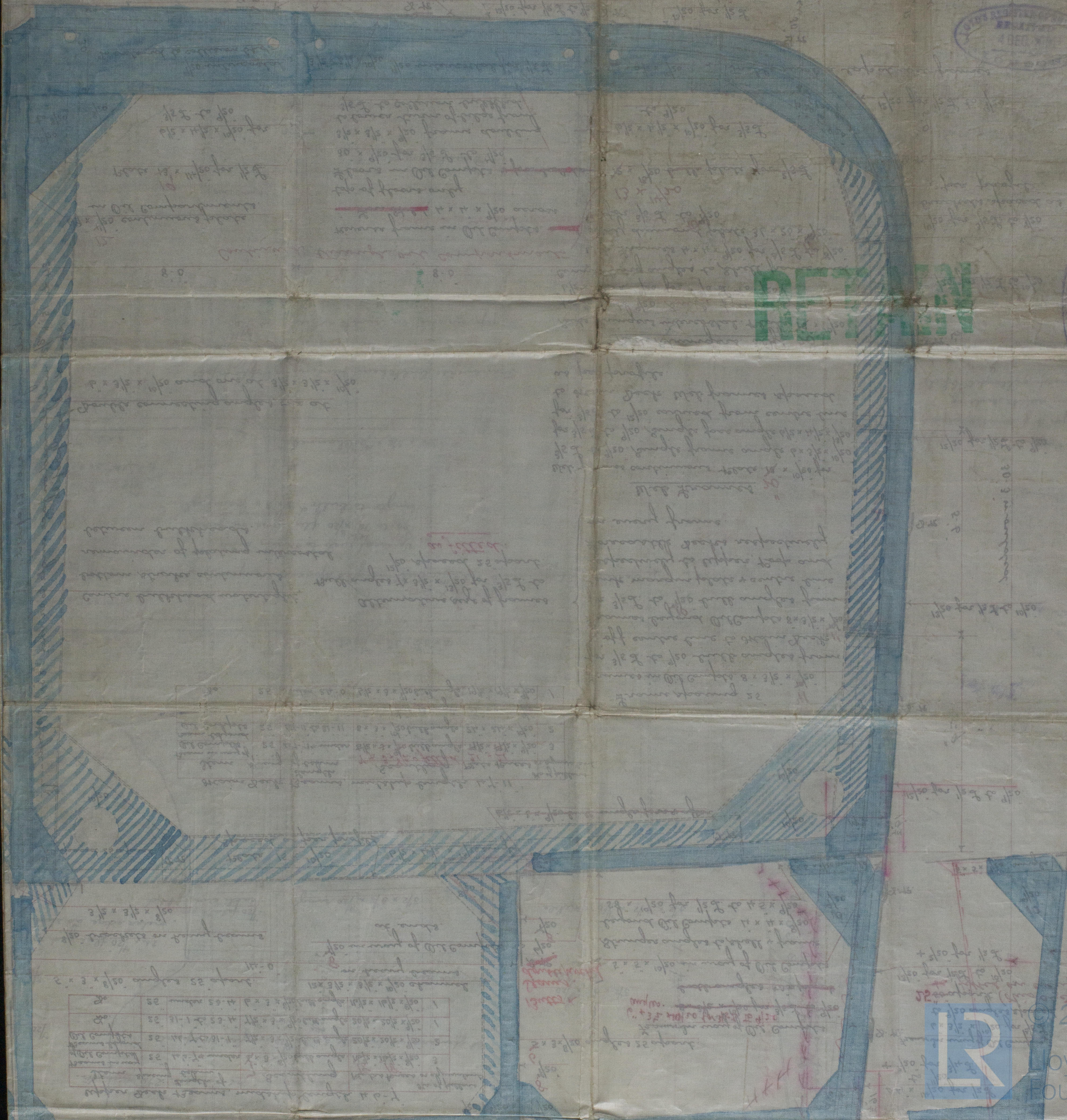
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MEMO

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RETURN



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