

SCALE  $\frac{1}{2}$  INCH = 1 FOOT.

STRINGER PLATE  $52 \times \frac{3}{20}$  RED TO  $41 \times \frac{3}{20}$  AT ENDS  
INCREASED  $\frac{3}{20}$  FOR  $\frac{3}{4}$  LENGTH AMIDS FOR PROPORTIONS.  
TOTAL MIDSHIP THICKNESS  $\frac{10}{20}$   
BUTTS LAPPED & TREBLE RIVETTED ALL FORE & AFT. ✓

## PRINCIPAL DIMENSIONS

CLASS 100A1 LLOYDS 3 DECK RULE

# LLOYDS NUMBERS

HALF BREADTH	26.00	
HALF GIRTH	50.62	
DEPTH PER RULE	28.58	
	<u>105.20</u>	
LESS	7.00	
	<u>98.2</u>	FRAMING No

398.17 x 98.2 = 39100 PLATING NO

$398.17 \times 105.2 \quad 41,887 \checkmark$   
 $398.17 \times 7.96 \times 1\frac{1}{2} \quad 4,754 \checkmark$   
 $99.0 \times 7.92 \quad 784 \checkmark$   
 $47,425 \checkmark$  EQUIPMENT N<sup>o</sup>

## PROPORTIONS

BEAMS IN LENGTH	7.65
DEPTHS IN LENGTH TO UPPER DEK	13.93

FORGINGS.

STEM BAR	$11 \times 3\frac{3}{8}$
STERN FRAME	$11 \times 7\frac{1}{2}$
RUDDER HEAD	$10'' \text{ DIA PER RULE } (11'' \text{ INCH LARGER PER SPEED})$
" HEEL	$7\frac{1}{2}'' \text{ DIA PINTLES } 5'' \text{ DIA}$

BULKHEADS

PLATES UPPER HALF  $\frac{3}{8}$ " LOWER HALF  $\frac{3}{8}$ "

✓ VERTICAL STIFFENERS  $6 \times 3 \times \frac{3}{8}$  ANGLES SPACED 2'-6" APART. with 2 vertical ribs to semi box beam

✓ HORIZONTAL STIFFENERS  $8 \times 3 \times \frac{3}{8}$  BULB ANGLES SPACED 4'-0" APART

✓ BULKHEAD FRAMES  $6 \times 6 \times \frac{1}{2}$  SINGLE ANGLE

" BEAMS  $5 \times 5 \times \frac{1}{2}$  "

" TANKTOP BARS  $4 \times 3 \times \frac{1}{2}$  " DOUBLE ANGLES.

EQUIPMENT No 47425

TWO BOWER ANCHORS	51	CWTS EACH EX STOCK
ONE	143 1/2	"
ONE STREAM	17 1/2	"
ONE KEDGE	7 1/2	"
270 FMS STUD CHAIN	2 1/4	" DIA
90 "	STREAMCHAIN	1 1/2" DIA OR 1 1/2" STEELWIRE
120 "	TOW LINE	1 1/2" HEMP OR 5" STEELWIRE
TWO MANILLA WARPS	90	FATHOMS EACH
TWO "	90	" "

ADDITIONS REQUIRED BY SPECIFICATION OVER  
SCANTLINGS SHOWN ON THIS SECTION.

TANK TOP FLATING IN E & D SPACE NOT TO BE LESS  
THAN 70" THICK, & MUST NOT BE LESS THAN 18" HIGHER  
THAN TOP OF BOILER, INCREASED " 96"  
" " " DONKEY " " 102"  
CENTRE KELLION UNDER BOILETS " " 137 1/2"  
TANK GUARDS " " " 116 1/2"  
" " " DONKEY BOILER " " 140"  
" " " Angles " " " 140"  
" " " MAIN " " " 140"  
FRAMES UNDER " " " 127"  
BEARER FRAMES UNDER " " " 123 1/2"  
BRACES & BEARER FRAMES UNDER DONKEY BOILER " " 96"  
KILDER HEAD INCREASED LINCH. = 11" DIA

C. P.  
3. 3. 05

25/2/05

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*Palmer's S. Co.*

*S. S. 700785.*

*Midship Section.*

*400'0" x 52'0" x 27'6" Mld.  
Class 100 A.1. 3 Sk. Rule.*

RELIANT

18  
23  
02

*J. L. Symmetus*

*Newcastle Dock*

*£50,000*



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