

Photo of approved

# MIDSHIP SECTION.

N<sup>o</sup> 276

BRIDGE DECK.

DIMENSIONS. 340 x 46'10" x 29'10"

SCALE 1/2" = ONE FOOT.

POOP DECK 5'16"  
BULB ANGLE BEAMS 6'3" x 9'20"

SPECIAL FREEBOARD, STRENGTHENED SIDES.

STRINGER PLATE 50' x 20'  
ANGLE 3 1/2' x 3 1/2' x 20'

IRON DECK 5'16"  
UNDER 44 FEET

FOLE DECK 1/16"  
BULB ANGLE BEAMS 6'3" x 9'20"  
BRIDGE DECK

SPAR DECK

STRINGER PLATES 53' x 20' IN WAY OF BRIDGE. REDUCED TO 41' x 1/20'  
ANGLE 4' x 4' x 1/20'  
BEAM BULB ANGLE ON EVERY FRAME 8' x 3' x 20'  
12' x 11' IN WAY OF HATCHES 8' x 3' x 1/20' ON EVERY FRAME  
BULB 11' x 20' Y ONE ANGLE 5' x 4' x 1/20' AT HATCH ENDS.  
STEEL DECK 1/20" INCREASED IN WAY OF OPENINGS.  
IRON 1/16" IN WELLS.

OVERLAP BUTTS QUADRUPLE RIVETED FOR 1/2 LENGTH. TREBLE AT ENDS.

UNDER 46 FEET.

SPAR DECK

MAIN DECK.

STRINGER PLATE 60' x 12' TO 41' x 8'1/20', FLANGED 7' IN HATCHES + E+B SPACE.  
AND SUPPORTED BY BRACKETS ON ALTERNATE FRAMES  
BEAMS BULB 12' x 12' Y 2 ANGLES 3 1/2' x 3 1/2' x 1/20' AS PER PROFILE.  
STRINGER ANGLE 4' x 4' x 1/20'  
TIE PLATES AT CENTRE 34' x 10' x 1/20'

LOWER DECK

UNDER 48 FEET.

FRAMES. BULB ANGLES 7' x 3 1/2' x 20' FOR 1/2 LENGTH 20' AT ENDS. SPACED 20' APART  
FRAMES ON WEBS + BULKHEADS ANGLES 5 1/2' x 3 1/2' x 20' FOR 1/2 LENGTH 10' AT ENDS.  
DOUBLE REVERSE BARS UNDER ENGINES + BOILER BEARERS 4' x 3 1/2' x 20'  
BULKHEADS. UPPER PLATING 1/20' LOWER 1/20' STIFFENERS 7' x 3' x 20' BULB ANGLE  
SPACED 4'0" APART VERTICALLY & HORIZONTALLY  
REVERSE FRAME ON WEBS 6' x 4' x 1/20'  
FORGINGS. STEM 11' x 2 3/4' SCREW FRAME 11' x 6 1/2'  
RUDDER HEAD 9' HEEL 6 3/4' PINTLES 4 1/2' DIAM.  
SHELL OVERLAPS, TREBLE RIVETED ALL FORE + AFT  
QUADRUPLE RIVETED WHERE OVER RULE WIDTH FOR 1/2 LENGTH

## LLOYD'S MINERALS.

HALF BEAM MOULDED 23'5"  
DEPTHS OF HOLD + FLOORS 23'10"  
HALF GIRTH 49'8"  
FRAME NUMBER 89.11  
LENGTH PER RULE 338.2  
PLATING N<sup>o</sup> 30.410  
EQUIPMENT N<sup>o</sup> 37.354  
DEPTHS IN LENGTH 14.19  
BEAMS IN LENGTH 7.22

CLASS 100 A1 SPAR DECK.

ALL SCANTLINGS OF STEEL EXCEPT WHERE OTHERWISE SPECIFIED.

WEB FRAMES 18' x 20' 6 SPACES APART  
INTERCOSTAL PLATES 25' x 20' FLANGED ON EDGE  
INTERCOSTAL ANGLES 4' x 3 1/2' x 20'  
SEMI-DIAMOND PLATES 42' x 11' x 20'

WEB TREBLE RIVETED TO KNEE

SUSSET PLATES 30' x 30' ON EVERY WEB FRAME. RIVETED SINGLE.

TANK TOP UNDER ENGINES 20'  
" CLEAR OF " 10' x 20'  
" BOILER ROOM 11' x 20'  
DOUBLE.

DOUBLE.

SUCTION PIPES.

MARGIN PLATE 32' x 9'8"  
ANGLE 4' x 4' x 1/20'

FLOORS FLANGED TOP + BOTTOM 9'20"  
AT BOTTOM 9'20" UNDER ENGINES  
FLOORS UNDER BOILER'S 8'1/6" IRON.

PROPOSED 48' x 20' FOR 1/2 LENGTH 13' AT ENDS.  
INCREASED 21' FOR 1/2 LENGTH = 21'

IN LIEU OF KEEL DOUBLING FOR 1/2 LENGTH.

N<sup>os</sup> 279 & 80.81.5/s

Also N<sup>o</sup> 282 12/11/04  
284 (per 12/11/04)

Double angles 3 1/2' x 3 1/2' x 1/20'

Pillars 2 3/4"

Double angles 3 1/2' x 3 1/2' x 1/20'

Pillars 2 3/4"

Pillars 5 1/4"  
Increased as per table at ends.  
3 rivets heads & heels.  
Hatch side pillars as per Rule

STEEL BRAN DIVISION 6'20' x 3' x 1/20' IN FORE HOLD  
DOUBLE ANGLES 5 1/2' x 3' x 1/20' IN AFTER HOLD AT ALTERNATE FRAMES.  
SE 4 1/2' x 3' x 1/20'

TANK TOP CENTRE PLATE 60' x 20'

4' x 4' x 20'

41' x 10' CENTRE KEELSON

4' x 4' x 20'

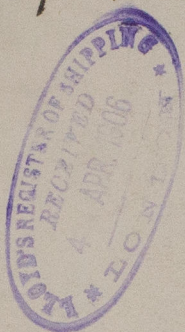
FURNERS WITH & CO LIMITED  
LONDON  
WEST DOCK POOL

Sept 10/04

W9110139



286  
"Coalition"  
HPL Report No.



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