

# MIDSHIP SECTION $N^{\circ} 272 + 273$

CLASS 100.A.1. AT LLOYDS (STEEL STEAM TRAWLER)

DIMENSIONS 117' x 21'-6" x 13'-0" M.A.

$\frac{3}{4}$ " SCALE

29.4.09

## MATERIAL

Frames, Reverses, beams, deck stringers  
Shell, Stem & Bulwarks of Steel  
Remainder of Iron.

Deck plated over in way of E & B space  
from casing side to stringer

## PROPORTIONS

8.6 Depth  
5.4 Breadths

$\frac{1}{2}$  GIRTH --- 19.27  
 $\frac{1}{2}$  BREADTH --- 10.75  
DEPTH 13.43  
 $43.45 = 1^{\text{st}}$  Numeral  
116  
 $5040.2 = 2^{\text{nd}}$  Numeral

## SHELL RIVETTING

Bulbs  $\frac{3}{4}$  rivets  $2\frac{5}{8}$  cs  
Edges 363%  
Frames 54  
(rivets between frames)

## OUTFIT

1 anchor 5' cut ex stock  
1  $4\frac{3}{4}$  "  
1 Kedge  $2\frac{1}{2}$  "  
90 fathoms slud link cable  
60 " 6" Manilla.  
60 "  $4\frac{1}{2}$  "

Frames  $4 \times 3 \times \frac{7}{20}$  spaced 21 apart throughout  
Reverse bars  $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{4}$  extending across top of floors &  
double in E & B space  
Bulkheads  $\frac{1}{4}$  " Floors  $16 \times \frac{1}{16}$  for  $\frac{3}{5}$  length amids,  $\frac{5}{16}$  at ends  
 $\frac{1}{16}$  thicker in E & B space  
Rudder head  $\frac{1}{2}$  " dia. Main piece at heel  $\frac{3}{4}$  " pinules  $2\frac{3}{4}$  " dia  
Shell plating overlapped throughout except sheer & garboard strakes  
which are to be butts lapped.  
all landing edges double rivetted.  
Bulbs of deck stringers overlapped & double rivetted  
Bulbs of shell plating, double rivetted, throughout  
except bilge stroke, which is treble rivetted  
for  $\frac{1}{2}$  length amids

Pillars  $2\frac{1}{2}$  " dia

$6 \times 3 \times \frac{1}{20}$   
Bulb angles

Back bars  $3 \times 2\frac{1}{2} \times \frac{7}{16}$   
13-0 Tong

Keel & Stem  $7\frac{1}{2} \times \frac{1}{16}$  bulb  
Stem post  $6 \times 2\frac{1}{2}$

$7 \times 3 \times \frac{8}{20}$  Bulb angle  
 $3 \times \frac{1}{2}$  solid moulding  
 $\frac{1}{4}$  " plate  
 $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{7}{16}$   
 $3 \times 3 \times \frac{1}{16}$   
 $3 \times \frac{1}{2}$  solid moulding  
 $\frac{7}{16}$  for  $\frac{1}{2}$  length amids  
 $\frac{1}{16}$  at ends  
 $5 \times 3 \times \frac{1}{2}$  angle  
 $65-0$  FOR  
13 FRAME  
Double  
 $\frac{6}{16}$  for  $\frac{1}{2}$  length amids  
 $\frac{5}{16}$  at ends  
Single LUGS  
 $3 \times 2\frac{1}{2} \times \frac{1}{20}$   
to take 3 Rivets  
double  
Bilge Keel - 50 amids  
 $7 \times \frac{1}{20}$  bulb  $3 \times 3 \times \frac{1}{8}$  double angles

$5 \times 3 \times \frac{1}{2}$  Angle

$\frac{6}{16}$  for  $\frac{1}{2}$  length amids  
 $\frac{5}{16}$  at ends

double

$\frac{7}{16}$  Throughout

JOB. T. ELTRINGHAM & CO.  
SHIP AND BOILER BUILDERS  
SOUTH-SHIELDS

DRAWING No. 1103

DATE 26-4-09

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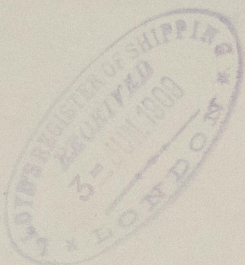
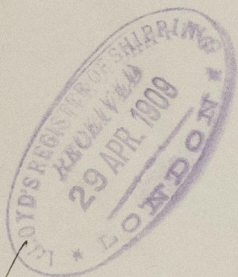


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