

10.4.96
9.11.96

MIDSHIP SECTION

OF A

STEEL SCREW STEAMER

TO CL. 58

100 A.1 AT LLOYDS QUARTER DECK

LLOYDS NUMBERS

2 Q. 15TH 34.10

2 B. 18.42

DEPTH 18.50

71.02 15TH

253 Lloyds Length

17958.06 2ND N°

PROPORTIONS

BREADTH TO LENGTH C.86

DEPTH TO LENGTH 13.67

DIMENSIONS

LENGTH B.P. 255.0

BREADTH EX 37.0

DO M² 36.10

DEPTH M² 17.9

3.6 RAISED QUARTER D²

1/2" SCALE

EQUIPMENT 19466

2 TOWERS EX STOCK

1 LOWER DO

1 STREAM DO

1 KEDGE

240 FATHOMS

75 60 DO

90 DO

90 DO

1 1/2" STUD CHAIN CABLE

1" STREAM CHAIN OR 3 1/2" STEEL WIRE

10" HEMP TOWLINE OR 3 1/2" DO

8 1/2" HAWSER 2" DO

6" WARP

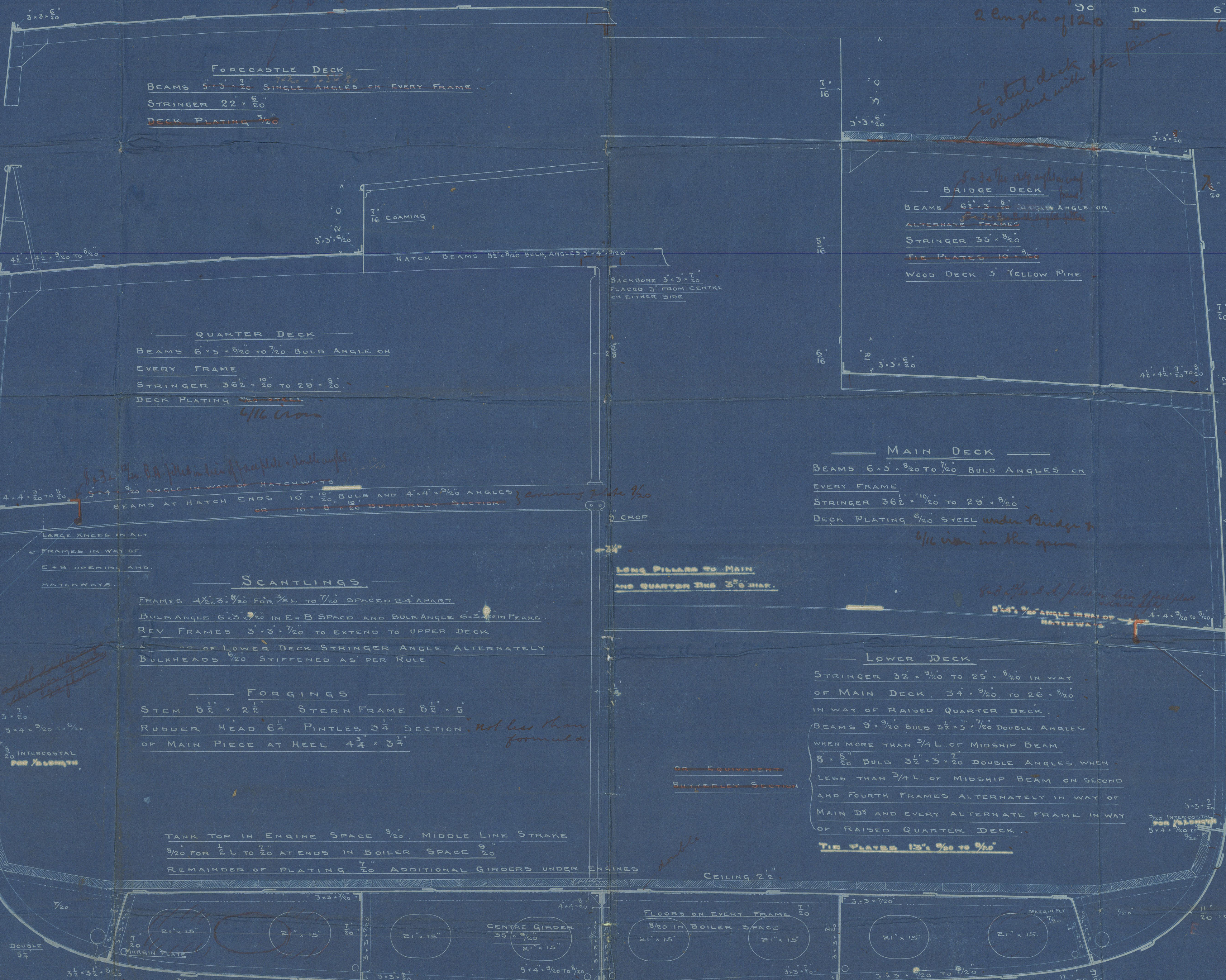
4 lengths of 90 120
2 lengths of 120
to start deck
checked with the pins

BRIDGE DECK
BEAMS 6 1/2" x 8" DOUBLE ANGLE ON
ALTERNATE FRAMES
STRINGER 35" x 8" x 20
TIE PLATES 10" x 8" x 20
WOOD DECK 3" YELLOW PINE

MAIN DECK
BEAMS 6 1/2" x 8" x 20 TO 1/2" BULB ANGLES ON
EVERY FRAME
STRINGER 36 1/2" x 10" x 20 TO 29" x 8" x 20
DECK PLATING 5/16" STEEL UNDER BRIDGE &
1/4" IN THE OPEN

LOWER DECK
STRINGER 32" x 9" x 20 TO 25" x 8" x 20 IN WAY
OF MAIN DECK, 34" x 9" x 20 TO 26" x 8" x 20
IN WAY OF RAISED QUARTER DECK
BEAMS 9" x 8" x 20 BULB 3 1/2" x 3" x 7/16" DOUBLE ANGLES
WHEN MORE THAN 3/4 L OF MIDSHIP BEAM
8" x 8" x 20 BULB 3 1/2" x 3" x 7/16" DOUBLE ANGLES WHEN
LESS THAN 3/4 L OF MIDSHIP BEAM ON SECOND
AND FOURTH FRAMES ALTERNATELY IN WAY OF
MAIN D² AND EVERY ALTERNATE FRAME IN WAY
OF RAISED QUARTER DECK
TIE PLATES 13 1/2" x 9" x 7/16"

MAIN DECK SHEERSTRAKE
42" x 10" x 15" INCREASING TO
FOR 3/4 L IN LIEU OF DOUBLING
DOUBLER AT BRIDGE FRONT
20" x 9" x 20 INCREASING TO 20" FOR 3/4 L
IN LIEU OF MAIN SHEER DOLG



FORECASTLE DECK
BEAMS 5 1/2" x 7" x 20 SINGLE ANGLES ON EVERY FRAME
STRINGER 22" x 8" x 20
DECK PLATING 5/16"

QUARTER DECK
BEAMS 6 1/2" x 8" x 20 TO 1/2" BULB ANGLE ON
EVERY FRAME
STRINGER 36 1/2" x 10" x 20 TO 29" x 8" x 20
DECK PLATING 5/16"

SCANTLINGS
FRAMES 1 1/2" x 3" x 9/16" FOR 3/4 L TO 1/2" SPACED 24" APART
BULB ANGLE 6 1/2" x 3" x 9/16" IN E-B SPACE AND BULB ANGLE 6 1/2" x 3" x 9/16" IN PEAKS
REV FRAMES 3 1/2" x 3" x 9/16" TO EXTEND TO UPPER DECK
OF LOWER DECK STRINGER ANGLE ALTERNATELY
BULKHEADS 5/16" STIFFENED AS PER RULE

FORGINGS
STEM 8 1/2" x 2 1/2" STERN FRAME 8 1/2" x 5"
RUDDER HEAD 6 1/2" PINTLES 3 1/2" SECTION
OF MAIN PIECE AT KEEL 4 1/2" x 3 1/2"

TANK TOP IN ENGINE SPACE 9/16" MIDDLE LINE STRAKE
9/16" FOR 1/2 L TO 20" AT ENDS IN BOILER SPACE 9/16"
REMAINDER OF PLATING TO ADDITIONAL GIRDERS UNDER ENGINES

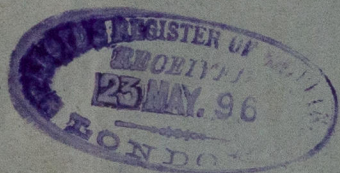
RIVETTING
DECK STRINGER PLATING TREBLE RIVETTED FOR 1/2 L
KEEL PLATES TREBLE RIV. STRAPS FOR 1/2 L STRAPS 7/16"
THICKER THAN PLATES CONNECTED
OUTSIDE PLATING TREBLE RIV. THROUGHOUT

THE FLOORS AND ALL OTHER PARTS OF
THE INNER BOTTOM IN BOILER SPACE
TO BE 1/2" THICKER THAN GIVEN IN TABLE S.7

N° 126

R. CRAGGS & SONS
SHIPBUILDERS
AND
REPAIRERS
MIDDLESBROUGH

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R. Crayg & Sons.

N^o 126

Midship Auction

"Gurhild" S.S.

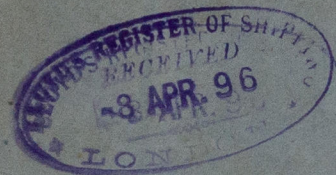
Middle Report N^o 1928

N.W. WALBORG

S.B



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