

MIDSHIP SECTION

SCALE 1/2" = 1' 0"

430' x 48' x 34' ODM.

No 243. Manchester Commerce

12. 9. 98
30. 9. 98
9. 11. 98
28. 12. 98

For amended plan see
copy of midship section attached
to first entry Report on No 243.
submitted. Manchester Corporation.
with Rpt No. 11003
11/99.

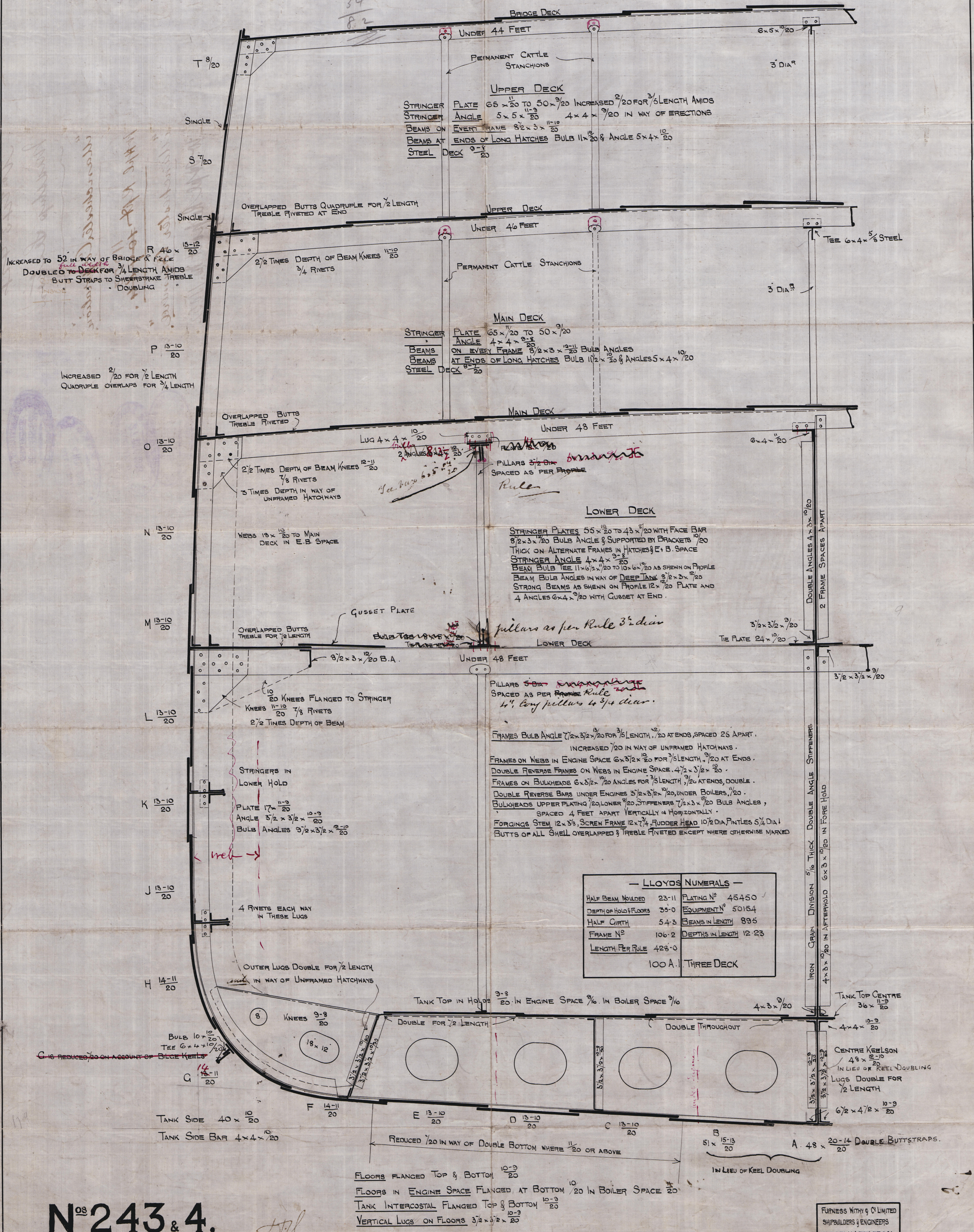
BRIDGE DECK
STRINGER PLATE 60 x 7/20
STRINGER ANGLE 3 1/2 x 3 1/2 x 20
BEAMS ON EVERY FRAME 6 1/2 x 3 x 20 BULB ANGLES
IRON DECK 5/16

UPPER DECK
STRINGER PLATE 65 x 20 TO 50 x 20 INCREASED 2/20 FOR 3/5 LENGTH AMIDS
STRINGER ANGLE 5 x 5 x 11-3/20 4 x 4 x 3/20 IN WAY OF ERECTIONS
BEAMS ON EVERY FRAME 8 1/2 x 3 x 20
BEAMS AT ENDS OF LONG HATCHES BULB 11 x 20 & ANGLE 5 x 4 x 20
STEEL DECK 9-5/20

MAIN DECK
STRINGER PLATE 65 x 20 TO 50 x 20
STRINGER ANGLE 4 x 4 x 20
BEAMS ON EVERY FRAME 8 1/2 x 3 x 20 BULB ANGLES
BEAMS AT ENDS OF LONG HATCHES BULB 11 x 20 & ANGLE 5 x 4 x 20
STEEL DECK 8-5/20

LOWER DECK
STRINGER PLATES 55 x 20 TO 43 x 20 WITH FACE BAR
8 1/2 x 3 x 20 BULB ANGLE & SUPPORTED BY BRACKETS 1/20
THICK ON ALTERNATE FRAMES IN HATCHES & E. B. SPACE
STRINGER ANGLE 4 x 4 x 20
BEAM BULB TEE 11 x 6 1/2 x 20 TO 10 x 6 1/2 x 20 AS SHOWN ON PROFILE
BEAM BULB ANGLES IN WAY OF DEEP TANK 8 1/2 x 3 x 20
STRONG BEAMS AS SHOWN ON PROFILE 12 x 20 PLATE AND
4 ANGLES 6 x 4 x 20 WITH GUSSET AT END.
PILLARS 3 1/2 DIA. SPACED AS PER RULE
PILLARS 5 DIA. SPACED AS PER RULE
FRAMES BULB ANGLE 7 1/2 x 3 1/2 x 20 FOR 3/5 LENGTH 1/20 AT ENDS, SPACED 25' APART.
INCREASED 2/20 IN WAY OF UNFRAMED HATCHWAYS.
FRAMES ON WEBS IN ENGINE SPACE 6 x 3 1/2 x 20 FOR 3/5 LENGTH 1/20 AT ENDS.
DOUBLE REVERSE FRAMES ON WEBS IN ENGINE SPACE 4 1/2 x 3 1/2 x 20.
FRAMES ON BULKHEADS 6 x 3 1/2 x 20 ANGLES FOR 3/5 LENGTH 1/20 AT ENDS, DOUBLE.
DOUBLE REVERSE BARS UNDER ENGINES 3 1/2 x 3 1/2 x 20, UNDER BOILERS 1 1/20.
BULKHEADS UPPER PLATING 20, LOWER 20, STIFFENERS 7 1/2 x 3 x 20 BULB ANGLES,
SPACED 4 FEET APART VERTICALLY & HORIZONTALLY.
FORGINGS STEM 12 x 3 1/2, SCREW FRAME 12 x 7 1/2, RUDDER HEAD 10 1/2 DIA. PINTLES 5 1/2 DIA.
BUTTS OF ALL SHELL OVERLAPPED & TREBLE RIVETED EXCEPT WHERE OTHERWISE MARKED

— LLOYD'S NUMERALS —		
HALF BEAM MOULDED	23-11	PLATING No 45450
DEPTH OF HOLD & FLOORS	35-0	EQUIPMENT No 50154
HALF CIRTH	54-3	BEAMS IN LENGTH 895
FRAME No	106-2	DEPTHS IN LENGTH 12-23
LENGTH PER RULE	428-0	
100 A. THREE DECK		



N^{os} 243 & 4.

FURNISS WATKINS & CO LIMITED
SHIPBUILDERS & ENGINEERS
WEST HARTLEPOOL

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Foundation

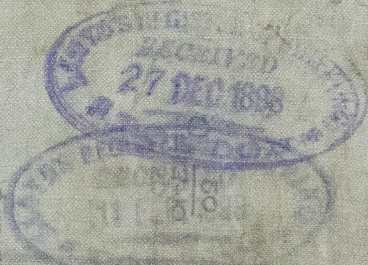
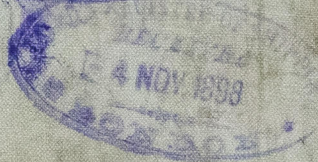
Furness Withy & Co
 No 243 Rpt
 Midship Section

"Manchester Corporation"

W. H. Pl. Rpt ¹¹⁰⁰³ ~~10984~~

"Manchester Commercial"

W. H. Pl. Report No. 11052



CHORDLINE OVERLAYS FOR 1/2 LENGTH
 INCREASED 1/2 FOR 1/2 LENGTH

b 1/2-10 50

HPL 386 6242

LEEDE LINED AT END
 OVERLAPPED BUTTS OVERLAP FOR 1/2 LENGTH

5/8 TIMES DEPTH OF BEAM KEELS 11/10

AT BOWS

BETWEEN

LEEDE LINED
 OVERLAPPED BUTTS

5 TIMES DEPTH OF BEAM KEELS 18/11

1/2 BOWS

1/2 A x A 1/2

QUEEN DECK AT
 BEAMS AT ENDS

STREET DECK AT
 BEAMS AT ENDS

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