

Paddle Tug "Eccles"

MIDSHIP SECTION NO 252 ^{P/TUG}

DIMENSIONS 100' x 20' x 10'-4" M.A.

CLASS 100 A. LLOYDS FOR TOWING PURPOSES

SCALE $\frac{3}{4}" = 1 \text{ FOOT}$

Material
Keel, stem, stern post &
Paddle frame of iron.
Remainder of steel.

Proportions
Breadths 4.95
Depth 9

NUMERALS

$\frac{1}{2}$ Breadth	10.0
$\frac{1}{2}$ Girth	18.5
Depth	11.0
	<u>39.5</u> 1 st NUMERAL
	99
	<u>3910.5</u> 2 nd NUMERAL

5" x 2 1/2" x 6/20 bulb
2 1/2" x 1 1/2" hollow moulding
1 1/2" dia
Slinger 23" x 6/20 ends 16" x 5/20
Back 5" x 3" P.P.
Beams 5" x 3" x 7/20 on alternate frames
15" x 15" x 7/20

Steel Rivetting
Butts 3/4 inch 2 5/8" centres
Edges " 3 3/8" "
6 rivets in each frame space amidships
Frames reverse frames floors &
keelson 5/8" rivets 1 1/2" centres.

5" x 4" x 7/20
5" x 3" x 10/20 in ship

Anchor & Chains
1 Anchor 3 1/2 cwt including stock
1 " 2 1/2 " "
75 fms 3/4" steel link cable
40 " 5/8" Manila
40 " 1/2" "

Frames 3" x 2 1/2" x 7/20 spaced 2' apart
throughout. Side web frames on each
side in way of paddle shafts plate.
10" x 7/20 angle on inner edge 3 1/2" x 2 1/2" x 7/20
Reverse frames 2 1/2" x 2 1/2" x 7/20 on every frame
to turn of barge double under Engines & Boilers
carried up to deck in way of paddle wheels
Floors 12" x 7/20 & 1/2" thicker in 8' x 7/20 in B space
Bulkheads 7/20 Paddle head 3 1/2" dia
keel 2 1/2" dia. Deck from after boiler space 18' x
to fore end of Engine house 7/20 galv'd
steel chequer plate.
Butt straps of sheerside garboard strake
for 1/2 length amidships to
be 1/20 thicker than the plates they connect
& double rivetted remainder of sheer
plates & fore & aft seams overlapped.
Butts of deck stringer plate overlapped
& double rivetted.

This bar continued aft to 16' 17" frame
& another 5" x 3" x 7/20 angle rivetted
back to back & scarf jointed
2 spaces on to Keelson

Bilge Keelson in way of 3" x 3" x 6/20
Boiler space 5" x 3" x 7/20 angles

Stern post 5 3/4" x 1 1/2"
Keel & stem 6" x 1 1/2"

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

DRAWING No. 708

DATE 31.8.05.

Copy of approved
Midship Section
Paddle Tug
"Eccles"

Builders. J T Eltringham & Co
South Shields

S.S. 'Eccles'

Newcastle Report

No 148914.

sister vessel to

S.S. "Paxton"

No 48689.

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Lloyd's Register
Foundation

W1435-0057

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