

S.S. No 764
Enquiry No. 1126 Also No 770 (appd 27.6.05)

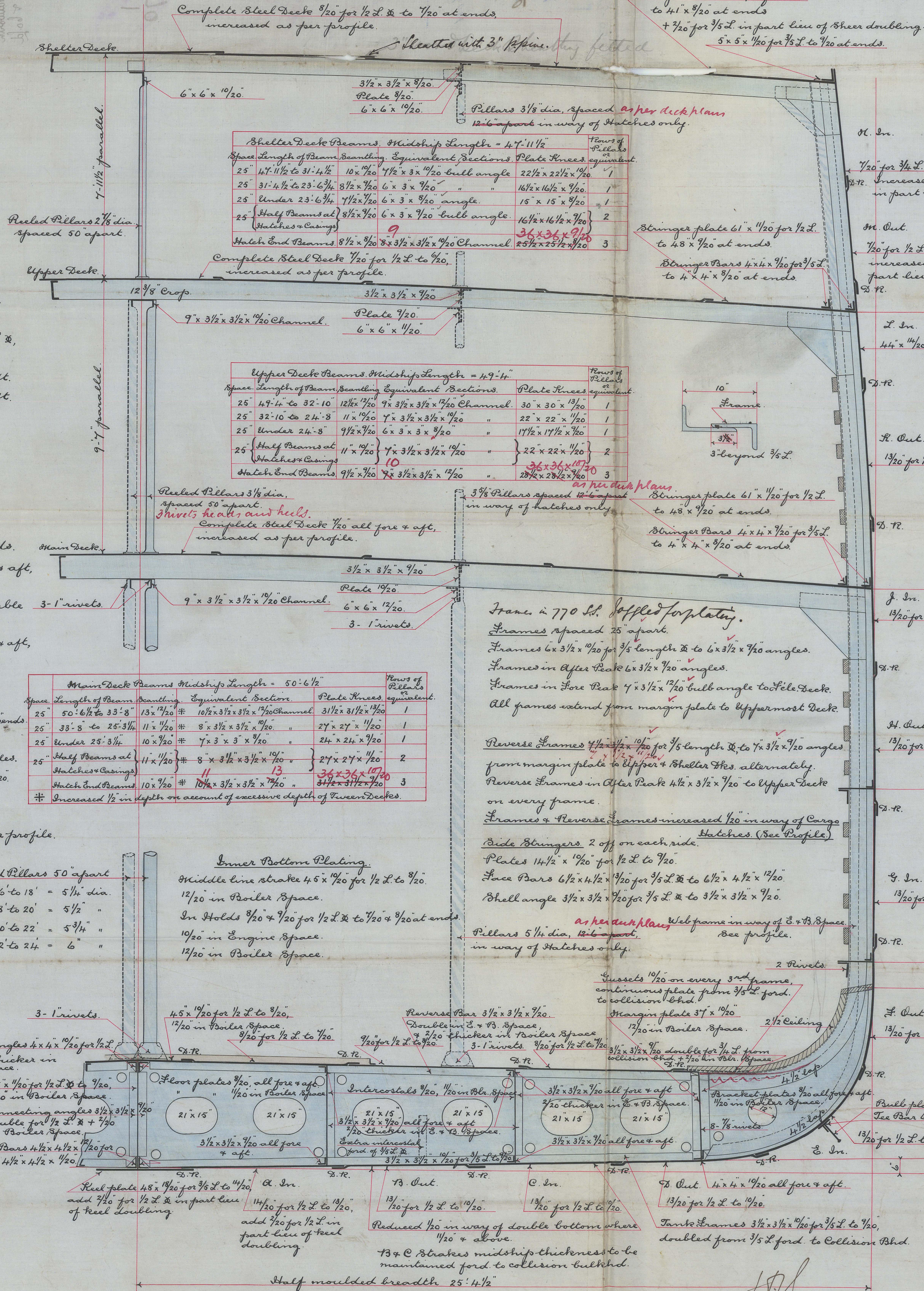
Midship Section of Proposed Single Screw Cargo Steamer.

Principal Dimensions

Length overall 412' 0"
Length between perps 400' 0"
Breadth extreme 51' 0"
Depth moulded to upper deck 30' 0"

Scale 1/2" = 1 Foot

Class + 100 A1 Lloyds. 3 Decks with Shelter Deck



Lloyds Hullmarks

1/2 Breadth = 25.375
Depth = 31.080
1/2 Girth = 52.680
109.085
7
1st Hullmark = 102.085
Length = 398.08
2nd Hullmark = 40.637

Length = 12.83
Depth = 7.86
Breadth = 14.20 - 1/20
in part line of sheerstrake doubling etc.

1/20 for 1/2 L to 1/20 at ends
increased 1/20 for 1/2 L to 1/20 in part line of sheerstrake doubling etc.

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Equipment

1st Stk. 107.085 x 398.08 = 43,500
2nd Stk. 398.08 x 8 x 1.5 = 4,780
Houses 53 x 8 = 424
Equipment Hullmark = 48,704

2 Bowers 63 3/4 cuts each (Stockless)
1 " 54 1/2 " " " "
1 Stream 17 1/2 " (ex stock)
1 Fledge 7 1/2 " (ex stock)
270 fathoms steel chain cable 2 1/2" dia.
90 " 4 3/4" steel wire (Stream)
120 " 5 " " (Towline)
2 off 90 fathoms 8" Hawser.
2 off 90 fathoms 7" Warps.

Riveting Notes

Butts and Seams to be lapped.
Keel Strake Butts quadruple riveted all fore & aft.
Shell plating from A to L inclusive Butts quadruple riveted for 1/2 L & treble riveted at ends.
Shelter Deck & H. Strakes Butts quadruple riveted for 1/4 L & treble at ends.
Shelter Deck Stringer plate Butts quadruple riveted for 1/2 L & treble riveted at ends.
Upper Deck Stringer plate Butts treble riveted all fore & aft.
Main Deck Stringer plate Butts treble riveted all fore & aft.
Shelter Deck plating Butts double riveted for 1/2 L & single riveted at ends. Beams single riveted.
Upper Deck plating Butts double riveted for 1/2 L & single riveted at ends. Beams single riveted.
Main Deck plating Butts double riveted for 1/2 L & single riveted at ends. Beams single riveted.
Centre Girder Butts treble riveted all fore & aft.
Margin Plate Butts treble riveted for 1/2 L & double at ends.
Tank Top Middle Line Strake Butts double riveted all fore & aft, edges double riveted all fore & aft.
Tank Top Strake adjacent to Middle Line Strake Butts double riveted all fore & aft, edges double riveted all fore & aft.
Remainder of Tank Top plating Butts double riveted all fore & aft, edges double riveted for 1/2 L & single riveted at ends.

Watertight Bulkheads

Plates 1/20 Lower half, 1/20 upper half.
Vertical Stiffeners 6 x 3 1/2 x 1/20 for 1/2 L to 6 x 3 1/2 x 1/20 at ends.
" Cracked to Tank Top.
" in Tween Decks 4 1/2 x 3 1/2 x 1/20 angles.
Double frame angles 6 x 3 1/2 x 1/20 for 1/2 L to 6 x 3 1/2 x 1/20 at ends.
Tank Top & deck angles 4 x 4 x 1/20 for 1/2 L to 4 x 4 x 1/20 at ends.
Horizontal Stiffeners and vertical webs as per profile.

Stem Bar 11 1/2 x 3 1/8
Stern Post 11 1/2 x 7 1/2
Rudder Head 10
Rivets 5
Shaft Tunnel plan to be submitted.

Inner Bottom Plating

Middle line strake 4 1/2 x 1/20 for 1/2 L to 1/20 at ends.
1/20 in Boiler Space.
In Holds 1/20 x 1/20 for 1/2 L to 1/20 at ends.
1/20 in Engine Space.
1/20 in Boiler Space.

Frames in 770 Ld. Joggled for plating.

Frames spaced 25" apart.
Frames 6 x 3 1/2 x 1/20 for 1/2 L to 6 x 3 1/2 x 1/20 at ends.
Frames in After Peak 6 x 3 1/2 x 1/20 angles.
Frames in Fore Peak 7 x 3 1/2 x 1/20 built angle to 1/2 L & Deck.
All frames extend from margin plate to uppermost Deck.

Reverse Frames 4 1/2 x 1/20 for 1/2 L to 4 1/2 x 1/20 at ends.
from margin plate to upper & shelter Decks alternately.
Reverse Frames in After Peak 4 1/2 x 1/20 to upper Decks on every frame.
Frames & Reverse Frames increased 1/20 in way of Cargo Hatchings (See Profile).

Side Stringers 2 off on each side.
Plates 14 1/2 x 1/20 for 1/2 L to 1/20 at ends.
Side Bars 6 1/2 x 1 1/2 x 1/20 for 1/2 L to 6 1/2 x 1 1/2 x 1/20 at ends.
Shell angle 3 1/2 x 3 1/2 x 1/20 for 1/2 L to 3 1/2 x 3 1/2 x 1/20 at ends.

Pillars 5 1/2" dia. 12" apart in way of Hatchings only.
as per deck plans

Reverse Bars 3 1/2 x 3 1/2 x 1/20.
Doubling 3" x 1/20 in Boiler Space.
3" x 1/20 thicker in Boiler Space.
3" x 1/20 for 1/2 L to 1/20 at ends.

Margin plate 3" x 1/20.
1/20 in Boiler Space.
3" x 1/20 for 1/2 L to 1/20 at ends.

3 1/2 x 3 1/2 x 1/20 all fore & aft.
1/20 thicker in 1/20 & 1/20 spaces.
21 x 15

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WALKER SHIPYARD,
NEWCASTLE-UPON-TYNE.
ENQUIRY No. 1126, DATE 3.12.04

VS REGISTERED
BOOKED
5-DEC-1904

Messrs. Sir W. G. Armstrong Whitworth
& Co. Ltd.

Midship Section

Enquiry No. 1126.

S.S. No. 761

8770

Enquiry No. 1150

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RETAIN

'Setos'

Newcastle Report

No. 228

S.S. 'Satatis' No. 440

Newcastle Report

No. 50889