

Enquiry No. 1615. L No 786

Midship Section of Proposed Cargo Steamer.

Equipment.

1st No. 109.44 x 398.08 = 43685
 398.08 x 8 x 1.5 = 4777
 Houses 46 x 8 = 368

Equipment No. 48830.

Principal Dimensions.

Length overall.....412'-0"
 Length between perps.....400'-0"
 Breadth extreme.....52'-0"
 Depth moulded to Upper Deck.....29'-9"

Scale 1/2" = 1 Foot.

Class + 100 A.1. Lloyds 3 Deck with Shelter Deck.

Lloyds Numerals.

1/2 Breadth 25.84
 Depth 30.49
 1/2 Girth 53.08
 109.44
 -4.00
 105.44
 102.44
 98.08
 102.98

Sketch of Alternative Side Frame.

Alternate channels in Shelter
 Lower Decks cut down to size
 of ordinary frame, viz 6."

Space Length of Beam	Baulking	Equivalent Section	Plate Knees	Hours of
25	48'-9" to 32'-6"	10 1/2 x 3 1/2 x 3 1/2	24 x 24 x 1/20	1
25	32'-6" to 24'-6"	8 x 3 x 3	18 x 18 x 1/20	1
25	24'-6" to 16'-6"	6 1/2 x 3 x 3	14 x 14 x 1/20	1
25	16'-6" to 8'-6"	4 x 3 x 3	10 x 10 x 1/20	1
25	8'-6" to 4'-6"	3 x 3 x 3	8 x 8 x 1/20	1
25	4'-6" to 2'-6"	2 x 2 x 2	6 x 6 x 1/20	1
25	2'-6" to 1'-6"	1 1/2 x 1 1/2 x 1 1/2	4 x 4 x 1/20	1
25	1'-6" to 0'-6"	1 x 1 x 1	3 x 3 x 1/20	1
25	0'-6" to 0'-0"	0 x 0 x 0	0 x 0 x 0	0

Space Length of Beam	Baulking	Equivalent Section	Plate Knees	Hours of
25	50'-3" to 33'-6"	10 x 3 1/2 x 3 1/2	31 1/2 x 31 1/2 x 1/20	1
25	33'-6" to 25'-11"	8 x 3 1/2 x 3 1/2	23 x 23 x 1/20	1
25	25'-11" to 16'-11"	6 1/2 x 3 1/2 x 3 1/2	18 1/2 x 18 1/2 x 1/20	1
25	16'-11" to 8'-11"	4 x 3 1/2 x 3 1/2	14 1/2 x 14 1/2 x 1/20	1
25	8'-11" to 4'-11"	3 x 3 1/2 x 3 1/2	10 1/2 x 10 1/2 x 1/20	1
25	4'-11" to 2'-11"	2 x 2 x 2	8 x 8 x 1/20	1
25	2'-11" to 1'-11"	1 1/2 x 1 1/2 x 1 1/2	6 x 6 x 1/20	1
25	1'-11" to 0'-11"	1 x 1 x 1	4 x 4 x 1/20	1
25	0'-11" to 0'-0"	0 x 0 x 0	0 x 0 x 0	0

Space Length of Beam	Baulking	Equivalent Section	Plate Knees	Hours of
25	51'-5" to 34'-3 1/2"	10 x 3 1/2 x 3 1/2	31 1/2 x 31 1/2 x 1/20	1
25	34'-3 1/2" to 25'-8 1/2"	8 x 3 1/2 x 3 1/2	24 x 24 x 1/20	1
25	25'-8 1/2" to 16'-8 1/2"	6 1/2 x 3 1/2 x 3 1/2	18 1/2 x 18 1/2 x 1/20	1
25	16'-8 1/2" to 8'-8 1/2"	4 x 3 1/2 x 3 1/2	14 1/2 x 14 1/2 x 1/20	1
25	8'-8 1/2" to 4'-8 1/2"	3 x 3 1/2 x 3 1/2	10 1/2 x 10 1/2 x 1/20	1
25	4'-8 1/2" to 2'-8 1/2"	2 x 2 x 2	8 x 8 x 1/20	1
25	2'-8 1/2" to 1'-8 1/2"	1 1/2 x 1 1/2 x 1 1/2	6 x 6 x 1/20	1
25	1'-8 1/2" to 0'-8 1/2"	1 x 1 x 1	4 x 4 x 1/20	1
25	0'-8 1/2" to 0'-0"	0 x 0 x 0	0 x 0 x 0	0

Inner Bottom Plating.
 Middle Line Strakes 15 x 1/20 for 1/2 L to 1/20.
 1/20 in Boiler Space.
 1/20 in Engine Space.
 1/20 in Boiler Space.

Reel Pillars 50 apart.
 Length 16'10" = 5 1/2" dia.
 18 to 20 = 6"
 20 to 25 = 6"
 25 to 30 = 6 1/2"

Reel Plates 1/20 for 1/2 L to 1/20, add 1/20 for 1/2 L to 1/20 in part den of reel doubling

Pillars 5 1/2" dia. as per Deck Plans in way of Hatches only

Reverse Angles 3/2 x 3/2 x 1/20 double in Engine Space & on Boiler Space, add 1/20 in Boiler Space

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

Frames spaced 25' apart.
 Frames in 3/2 x 3/2 x 1/20 for 1/2 L to 6' 3/2 x 1/20 Angles
 Frames in Aft Peak 6' 3/2 x 1/20 Angles
 Frames in Fore Peak 4' 3/2 x 1/20 Bull Angles to Side Deck.
 All Frames extend from Margin Plate to Uppermost Deck.
 Frames increased 1/20 in thickness in way of Hatchesways.
 Reverse Frames 4' 3/2 x 1/20 for 1/2 L to 4' 3/2 x 1/20 Angles 29' 3/2 x 1/20
 from Margin Plate to Upper & Shelter Decks alternately.
 Reverse Frames in Aft Peak 4' 3/2 x 1/20 Angles
 to Upper Deck on every frame.
 Reverse Frames in Fore Peak 4' 3/2 x 1/20 Angles
 to Upper Deck on every frame.
 Reverse Frames in Fore Peak 4' 3/2 x 1/20 Angles
 to Upper Deck on every frame.

Side Stringers 2 off each side.
 Plates 14' 1/2 x 1/20 for 1/2 L to 1/20.
 These Bars 6' 1/2 x 1/20 for 1/2 L to 6' 1/2 x 1/20 at ends.
 Shell Angles 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

Weld Frames in E & P. Space.
 Plates 10' 1/2 x 1/20 for 1/2 L to 10' 1/2 x 1/20
 These Bars 6' 1/2 x 1/20 for 1/2 L to 6' 1/2 x 1/20
 Connecting Bars 3' 1/2 x 3' 1/2 x 1/20 double.
 Plating Webs. Plate 21' 1/2 x 1/20 (3 off)
 2 Rivets

3' 1/2 x 3' 1/2 x 1/20 double for 1/2 L from
 Collision Bld., add 1/20 in P. Space.

Brackets 1/20 every 3rd frame
 continuous from 1/20 to 1/20
 to Collision Bld.

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

1/20 for 1/2 L to 1/20

Stringer Plate 6' 1/2 x 1/20 for 1/2 L to 6' 1/2 x 1/20 at ends

Stringer Angle 1' 1/2 x 1/20 for 1/2 L to 1' 1/2 x 1/20 at ends

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Sir W. G. Armstrong, Whitworth & Co. Ltd.
 WALKER SHIPYARD,
 NEWCASTLE-UPON-TYNE.
 ENQUIRY No. 1615/2 DATE 27/11/06.

Newcastle.

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

Midship Section. N^o 786

Enquiry No. 1615. N^o 793

N^o 795

N^o 796

N^o 798

N^o 799

N^o 786. S.S. "Sisa"

S.S. "MOBILEFF"

NEWCASTLE-ON-TYNE.

REPORT No 60765

sp. "Katuna"

No 52404.

"Kara" - 794. Incl. 53042.

"Kabiaga" N^o 795.

"Kasenga" N^o 796

RETAIN

S.S. Sebara - No 798

"SEBARA"

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