

"Jackal" - Liv No 27820



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Lloyd's Register
Foundation

N^o 67

Midship Section of a Cargo Screw Steamer

Dimensions: 90 feet between P.P.

18" Beam

8" Depth (moulded)

6" Draught (loaded)

One Hatch 20' x 10' wide 2'-0" above deck

One Shifting beam to be fitted in Centre

Decks: yellow pine 2 1/2" thick; Galvanized bolts 1/2" dia

convex iron 3" x 3/4"

3/8" plates

Convex plate outside

Angle iron inside 3"

deck timbers

and latches 9" x 5/8"

Coming board pitch pine 1 1/4" x 2 1/2"

Angle iron 3" x 3" x 3/8" all round hatch

angle iron 3" x 3" x 3/8"

Convex iron 4" x 3/4"

Line

Shoreboard 7/16" dia

Load

Side stringers angle iron 3" x 3" x 3/8" for 2/3 of vessel
Bulbiron 6" x 1/2"

Frames: angle iron 3" x 3" x 3/8" 18 apart amidships under Machinery
gradually widening to 20"

Reverse 2" 2 1/2" x 1/4" on every other frame to top of Shearstrake
remainder to turn of bilge

double under Engine & Boiler

Bilge Bulbiron 3" x 2 1/2" x 3/8"

Half Breadth 9-6
Length 15-5
Depth 8-2 1/2
33.75 x 8.25 = 279.4
Breadth to length 14-7
Depth to length 10-7

more pattern 2 1/4" dia

Plating plates 5" x 5/16"
Subsidiary plates 1 1/4" wide x 1/4" thick
under angle iron 3" x 3" x 3/8"

Height of floor

Ceiling pitch pine 2" thick galvanized

Floor in every frame 10" x 1/4"
under Machinery 12" x 3/8"

Garboard strake 3'-0" wide 7/16" thick double riveted
Flat Rail 30" wide 1/2" thick double riveted to Garboard strake
Buttstraps 9/16" x 1 1/4" wide tabs cham riveted
Rivets 3/4" dia
all buttstraps double riveted

Beam to be increased 6" i.e. to 18"
Change approved by Lloyd's 24th Jan'y. 1881
W. Smith

Approved by Lloyd's, subject
to suggestions made 19/1/81.

Richard Smith
Engineer & Shipbuilder
Preston

187
1881
1881
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