

WOOD DK. 3" x 2 1/2" Y.P.

TEAK COVERING BOARD 9" x 3"

AWNING DECK

SHADE DK. BEAMS 3" x 2 1/2" x 6" ANGLE

TIE PLATE 7" x 6" 1/2
TO TAKE STIFFENERS
ANGLE 2 1/2" x 2 1/2" x 1/2"

STRINGER 8" x 3 1/2" x 1/2" ANGLE

MAIN RAIL 7" x 3 1/2" TEAK
RAIL ANGLE 3 1/2" x 3" x 1/2"

TEAK DECK 2 3/4" x 2 3/4" OUTSIDE HEDGE

MAIN D^S STRINGER 36" x 1/2" FOR
1/2 LEN. TO 27" x 1/2" AT ENDS
ANGLE 4" x 3" x 1/2"

GUTTER ANGLE 2 1/2" x 2 1/2" x 1/2"
INSIDE GUTTER ANGLE 2 1/2" x 1/2" x 1/2"

DECK PLATING TO BE CARRIED
TO SIDE OF DECKHOUSE 1/2"

TIE PLATE 8" x 1/2" WOOD DK 3" x 3" YELLOW PINE

MAIN DECK

ROUND OF BEAM 7"

MAIN D^S BEAMS 6 1/2" x 4 1/2" x 1/2" TEE BULB ON ALTS FRAMES
OR 6" x 4 1/2" x 1/2"

KNEES 2 1/2" DEPTH OF BEAMS
BEAMS TO BE TURNED
DOWN AT ENDS

KNEES 3 DEPTHS IN WAY OF
DECKHOUSE

FRAMES 3 1/2" x 3" x 1/2" FOR 1/5 LEN. TO 3 1/2" x 3" x 1/2"

SPACED 22" APART TO RAIL & GUNWALE ALT-
REVERSE FRAMES 2 1/2" x 2 1/2" x 1/2" EXTENDING TO UPPER
PART OF CABIN SOLE & GUNWALE ALT-

REV FRAMES DOUBLE ACROSS FLOORS IN E & B SPACE
FLOORS 18" x 1/2" FOR 1/2 LEN. TO 1/2", 1/2" IN E & B SPACE
BULKHEADS 1/2" STIFF 3 1/2" x 3" x 1/2" SPACED 30" APART
COLLISION BARS 1/2" STIFF 3" x 2 1/2" x 1/2"

RUDDER 4 1/4" DIA⁸ AT HEAD, 2 1/4" DIA⁸ AT HEEL.

HEEL 7 1/2" x 2", STEM 6 1/4" x 1 1/2", STERN POST 7 3/4" x 3 1/4"

FORE STERN POST
WOOD D^S 4" x 2" Y.P.

LOWER D^S STRINGER 27" x 1/2"
TO 20 1/2" x 1/2" ANGLE 4" x 3" x 1/2"

CABIN SOLE BEAMS 6" x 3" x 1/2" SINGLE ANGLE

ON ALT. FRAMES

HOLLOW PILLARS 3" x 5/16"
WHERE PRACTICABLE

CENTRE KEELSON 13" x 9/20" TO 8/20"
ANGLES 4" x 3" x 1/2"

DOUBLE ANGLES 4 1/2" x 3 1/2" x 1/2"

CEILING 1 1/2" THICK

MELDED KNEES
BRACKETS IN
E & B SPACE 6/20

SPARRING 4" x 1 1/2"
SPACED 3" APART

DOUBLE RIV² 4 1/2" LAP

44" x 9 7/8" 20

DOUBLE RIV² 4 1/2" LAP

53" x 7 7/8" 20

DOUBLE RIV² 4 1/2" LAP

45 1/2" x 8 7/8" 20

DOUBLE RIV² 4 1/2" LAP

44" x 9 7/8" 20

DOUBLE RIV² 4 1/2" LAP

45 1/2" x 8 7/8" 20

DOUBLE RIV² 4 1/2" LAP

44" x 9 7/8" 20

DOUBLE RIV² 4 1/2" LAP

45 1/2" x 8 7/8" 20

DOUBLE RIV² 4 1/2" LAP

44" x 9 7/8" 20

DOUBLE RIV² 4 1/2" LAP

45 1/2" x 8 7/8" 20

DOUBLE RIV² 4 1/2" LAP

S.Y. N^o 91
MIDSHIP SECTION
SCALE 3/4" = 1 FOOT
LENGTH B.P. 176'-0"
LENGTH L.W.L. 173'-0"
BREADTH MLD 25'-6"
DEPTH MLD 15'-8"
TO CLASS 100 A 1 AT LLOYDS STEEL YACHT RULES



RIVETING
BUTTS OF SHEERSTRAKE DECK STRINGER
PLATE & TWO STRAKES OF PLATING AT
THE BILGES TO BE TRIPLE RIVETED WITH
STRAPS 1/2" OF AN INCH THICKER THAN
PLATES THEY CONNECT FOR 1/2 LEN. &
REMAINDER DOUBLE RIV² WITH STRAPS
SAME THICKNESS AS PLATES.
BUTTS OF LOWER D^S STRINGER LAPPED
& DOUBLE RIV². DECK TIE PLATES
LAPPED & DOUBLE RIVETED

PLATING
BOSS PLATES TO BE SAME THICKNESS AS
STRAKES AMIDSHIPS OF WHICH THEY
FORM PART
SHELL PLATES TO BE 7 FRAMES SPACES LONG

9.9.01
17.9.01

NUMERALS

1/2 BREADTH 12.75
1/2 GIRTH 24.95
DEPTH 16.25
53.95 - 1st N^o
176
32370
37765
5395
9495.20 = 2nd N^o

PROPORTIONS

BREADTHS IN LEN. = 6.90
DEPTHS " " = 10.83

EQUIPMENT

2nd N^o = 9495.2
ERECTIONS = 667.0
EQUIP² N^o 10162.2

1 STOCKLESS ANCHOR 15 CWTs } WASTENEY SMITH'S PATENT
1 " " 13 1/4 " " }
1 " " 12 1/2 " " }

1 ANCHOR 3 1/2 CWTs EX STOCK } NICHOLSON'S PATENT (DISCONNECTING)
1 " 1 3/4 " " " }

195 FATHOMS 1 1/16" STUD CHAIN CABLE
60 " 1 1/16" STREAM " "
75 " 8 1/2" HAWSER
90 " 5 1/2" WARP

ADDITIONAL EQUIPMENT

75 FATHOMS MOORING CHAIN
75 " 4 " WARP
75 " 3 " "

3'-0" DOUBLINGS

GARBOARD STRAKE 4 1/2" x 3 1/2" x 1/2"

W319-0100

Hawthorne & Co 91 s/s "Surf".
 Midship Section

rept. no. 10126

W319-0100

PLAN OF DECK HOUSE
 SHOWING POSITION OF BEAMS AT
 BUTTS OF GUNPORTS

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

REGISTER OF SHIPMENTS
 RECEIVED
 5 JUN. 1902

LONDON

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

PLAN OF DECK HOUSE

W. 319.05



© 2019
 Lloyd's Register
 Foundation