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S. S. Velox
Yd No. 555

Lloyds Plans
23/11/82.

Spardeck vessel S.S. No 589

Scale ½" = 1 Foot

Dimensions

Length on Deck ---------- 209,33
Breadth moulded ---------- 28,00
Depth from deck to top of beam ------ 15,29
Girth to Maindeck ---------- 52,50

Class Lloyds 100 A1

Depth from keel to Spardeck - 22,5
Half Girth " " - 33,3

Lloyds Numbers

$\frac{28,00 + 52,50}{2} + 15,29 = 55,54$ sq. ft. for table 1
$55,54 \times 209,33 = 11626,19$ " " 124
$\frac{L}{D} = 13,69$ $\frac{L}{B} = 7,47$
$33,3 + 14 + 22,5 = 69,8 \times 209,33 = 14611,23$ As 6 equip.
No Tieplates
Gutterwaterway 15" broad.

Stringerplate 36 × 7/16 for ½ L 23 × 7/16 at ends
Butts 3¼ riv for ½ L 2 Lts at ends
Stringerangle 3½ × 3½ × 7/16
Tieplates 10 × 7/16 for ½ L 7/16 at ends
Butts 2 Lts riv
Hatchangle 4 × 3½ × 7/16
Deck 5 × 3½" best Calmar for

Hatchplates to stand 2" above beams
" to be 7/16" thick Ends 3" crop.
Beams fastened to Coamings with short Angles

Hatchbeams of T Bulb 7 × 5 × 7/16

Cope iron 5 × 1½"

Sheerstrake 10 × 7/16 for ½ L
7/16 at ends
Butts 3¼ riv for ½ L 2 Lts
straps ½ thicker for ½ L
lap ¾ rivets 3½ spacing
lap 2 3/16" 4½

7/16 for ½ L 7/16 at ends

4½ lap ¾ rivets
3½ spacing
Sheerstrake 33 × 36 × 7/16
9 × 7/16 at ends.
Rolling Plate 10 × 1 ...
4½ lap ¾ rivets 3½ spac:
Butts of Sheerstrake
7/16 thicker for ½ L
3 Lts riv " "
7/16 for ½ L 7/16 at ends.

2¾ lap ¾ rivets
3½ spacing

9/16 for ½ L 7/16 at ends

2¾ lap ¾ rivets
3½ spacing

7/16 for ½ L 7/16 at ends
Butts 3¼ riv for ½ L

4½ lap ¾ rivets
3½ spacing

9/16 for ½ L 7/16 at ends
Butts 3¼ riv for ½ L

Beams of T Bulb 6 × 4 × 7/16 all fore & aft

Frames 5½ × 3 × 7/16 for 7/16 L 3½ × 3 × 7/16 at ends all to Spardeck
Framespacing 22"
Reverseframes 3 × 2½ × 7/16 all fore and aft odd Numbers
to stand 6" above Maindeck even Numbers to Spardeck
Stringerplate 30 × 9/16 for ½ L 7/16 at ends
Butts 3¼ rivetes for ½ L straps ½ thicker
Iron deck over all ship 7/16"
Butts 2 Lts riveted for ½ L
Stringerangles 2 × 3½ × 7/16
Hatchangle 3 × 3 × 7/16

Pillars 2¼ dia

Stem 7½ × 2¼ red. from W Line to 7 × 2⅛
Screwpost 9 × 3⅞"
Afterpost 9 × 3½ red to 9 × 2¾ at top
Bottompiece 6 × 6
Rudderhead 5 × 4½ 3 Pins including heel 2¾"
Scarphs 20" long

Hatchplates to stand 15 above beams ½ thick
Ends 3" crop.
Beams fastened to Coamings with short Angles

Hatchbeams of T Bulb 7" × 5" × 7/16

Angle Beam 5 × 3 × 7/16 on every frame (under 28 filling)
T Bulb 6 × 4 × 7/16
6 crop.

Lowerdeck Stringerplate 25 × 7/16 for ½ L 19 × 7/16 at ends
Angles 3½ × 3½ × 7/16
Angles on end of plates in Hold 4½ × 3 × 7/16
Gussetplate at Beamends 9/16
Hold beams 8 × 7/16 on every 8th frame alternately
Angles on top 4 × 3 × 7/16 Topplate 8 × 7/16

Coalbottoms 6 × 2½

Pillars 2¼ dia

Anchors & Chains

No for Equipment 14611,23
1 Bower cool stock 18 cwt test 19 tons
1 " " " 7 2 " " 17 "
1 " " " 15 3 " " 16 4/20 "
1 Stream " " 6 1/2 " " 5 10/20 "
1 Kedge " " 3 1/4 " " 3 14/20 "
1 " " " 1 1/2 " " 3 2/20 "
240 Fath stud Chain Cable 1 1/16" Breaking test 33 7/8 tons
60 " Stream " 13/16
3 Hawsers 90 Fath each 9½ 7½ - 5½"

Tanktop 7/16"

Angle Beam in tank 5 × 3 × 7/16 on every frame

Knee 20"

Knee 7/16

Bulb 8 × 7/16 for 3/5 L
Angles 4½ × 3 × 7/16

Firplates 16 × 7/16 for ½ L 7/16 at ends
7/16 under Cyl & Boiler
Sheerstrakplates 7/16 for ½ L 7/16 at ends.
Angles on top 4½ × 3 × 7/16
Angle on plating 3 × 3 × 7/16.

Sheerstrakes 7/16" thicker for ½ L amidships
Rising 2½"

Pillars in Hold 2 7/16
Long Pillars 3 1/8

Centrethrough Plate 28 × 7/16 all ship
Keelpieces 8 11½ × 7½"
Topplates 10 7/4 × 7/16 for ½ L 7/16 at ends
Angles on top 4½ × 3 × 7/16
double Angles to floors 3 × 2½ × 7/16
Keelpieces for frames 3½ × 3 × 7/16 3' long
6" reverse do 3 × 2½ × 7/16 "
The butts in spardeck & maindeck sheerstrake & stringer plates and 3 Strakes of plating at Bilge 7/16" thicker than the plates they connect and 3¼ riveted for ½ L

Keelrivets 1⅛ 5¾" spacing

Plates to take 8 Frames

The extra Hull awards of Lumaveyance are to cover the Hatches of 23,2 Feet per Lumaveyance

HAMILL 551