RECEIVED 2nd MAR. 88.

15.3.87

"Glen Mackenzie"
"Clan Mc.Gregor."

— Screw Steamers —

— 330 × 40 × 29'-3 Moulded —

— Scale 1/2 In. = 1 Ft. —

— Nos. 35 & 36 —

MACKIE & FERGUSON
925
31
ENGINEERS
LEITH.

Bridge deck beams 6 × 4/6 bulb
Angles 2½ × 2½ × 5/16
Forecastle beams 8 × 9/6
— — Angles 3 × 3 × 6/6

Three Decked Rule

Upper deck
Chequered plating 7/16 for ½ length
to 6/16 at ends.

Butt Straps of Stringer plate
treble riveted for ½ length.
Straps 1/16 thicker than
plates

Stringer plate
4 7/16" × 9/16 for ½ length
to 4 2 × 7/16 at ends.
4 × 4 × 9/16

3½ × 3 × 7/16 Double angle bars
8½ × 8/16 Bulb on alternate frames.

Sheerstrake
40 × 9/16 to 12/16 at ends
Butt Straps 1/16 thicker, for ½ length
& treble riveted.

Class. 100 A.

Half Girth 46.2
Depth 30.08
Half Breadth 20.00
96.28
7.0 Deduct
89.28
328.5
44640
71424
17856
26784
29328,480

10.91 Depths to Upper deck
8.21 Breadths in length
14.87 Depths to Middle deck

2 5/16 dia.

Butt Straps of Stringer plate treble
riveted for ½ length 3 7/16" thicker
than plates.
Stringer 4 7/16" × 10/16 to 42 × 8/16
— — angles 4 × 4 × 9/16

11/16 to 9/16

Iron Deck 7/16 for ½ length
to 6/16 at ends.

12/16 to 9/16

Angles 3½ × 3½ × 7/16

Beams 9½ × 9/16
on every 2nd frame

Plate Beams 12 × 12/16 opposite Web Frames in Holds

11/16 to 9/16

96.28
328.5
48140
77024
14256
28884
3162,980 Outfit No. + 1/5 if length of Enclosed Bridge house &
Topgallant forecastle does not exceed ¼ of length of Boat, & ⅕ if it exceeds ¼

12/16 to 9/16

R. Frames to extend to Upper Deck in E & F.
Frames 5½ × 3½ × 7/16 for 2½ to 5½ × 3½ × 7/16
R. Frames 3½ × 3½ × 7/16. Double in E & F. Spaces
Bulkhead plate 7/16"
Rudder Stock 8½" Dia. @ head 4½" @ heel

Angle between plate frames
3½ × 3 × 7/16
Intercostal plate 8/16
Covering plate 9/16

Continuous angle 3½ × 3½ × 7/16
Intercostal

Covering on plate

Plate frame
Scale 1" = 1 Ft.

Pillard 3⅞" dia.

11/16 to 9/16

Angle between plate
frames 3½ × 3 × 7/16
Intercostal plate 8/16
Covering plate 9/16

Continuous angle 3½ × 3½ × 7/16
Intercostal

Plate frames

11/16 to 9/16

Plate 8/16

Continuous angle 3½ × 3½ × 7/16
Intercostal

Bows Plates 3/16 thicker
than Midship plates also
plates above & below same

Butt straps from frame to frame

Butt Straps of
three strakes at bilge
to be treble riveted for ½ length
Straps 1/16 thicker than plates.

2	Bower Anchors	36½ cwt	Stock
1	" "	31 "	"
1	Stream "	11¼ "	"
1	Kedge "	5½ "	"
1	Kedge "	2¾ "	"
300	Fathoms	1 15/16	Stud Chain Cable
90	"	1 2/16	Stream Chain
100	"	12"	Towline
90	"	10"	Hawser
90	"	8½	Warps

Centre top plate
9/16 thick
Double riveted butt

Double riveted seam

Single riveted

Ceiling 2½" thick
double
6/16" plating with straight rivetted butts for ½ length
under Beams & Borders

Wing plate 7/16
Covering plate 8/16

12/16" to 9/16 at ends

3½ × 3½ × 8/16

10/16 to 9/16 at ends

Reverse Frames
4 × 3 × 7/16

Intercostal

Butts of Centre
Plate double riveted with
single butt straps

6 × 4 × 9/16

Centre plate
9/16

8/16

7/16

4 × 3 × 7/16

5½ × 3½ × 9/16

Garb. Strake 36" × 12/16 to 9/16 at ends
Keel 11" × 2¾"
Stem 11" × 9¾"
Stem foot 11" × 5½"

1⅞"

11/16 to 9/16 at ends

10/16 to 9/16 at ends

11/16 to 9/16 at ends

Section at Alternate frames.

6 × 4 × 9/16

5½ × 3½ × 9/16

1⅞"

Frame to be
cut at Centre plate

15/3/87

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