

The Greenock Dockyard
Company Ltd.
GREENOCK.

-S.S.N^o 408-
-MIDSHIP-SECTION-

DIMENSIONS :- 400' B.P. x 54' MLD. x 28'-8" TO UPPER DK.

SCALE 1/2" = 1 FOOT

| BRIDGE DK | |
|---------------|-------------|
| STRINGER | 5 1/2" x 52 |
| ANGLE | 5 1/2" x 52 |
| POOP DK | |
| STRINGER | 3 1/2" x 34 |
| ANGLE | 3 1/2" x 34 |
| FORECASTLE DK | |
| STRINGER | 3 1/2" x 34 |
| ANGLE | 3 1/2" x 34 |

| BRIDGE DK | |
|---------------|-----------------------------|
| A | 76 1/2" x 36 |
| B | 76 1/2" x 36 |
| C | 80" x 44" - 50" AT 24 HATCH |
| D | 80" x 44" - 50" AT 24 HATCH |
| POOP DK | |
| PLATING | 30" SHEATHED |
| FORECASTLE DK | |
| PLATING | 34" - 40" UNDER WINDLASS |

| | | |
|------------------------------------|-----------------|------------------------|
| BRIDGE DK THRO BEAMS | 9 1/2" x 42 BA | KNEES 27" x 45" 6" RVS |
| BRIDGE DK HALF BEAMS | 7 1/2" x 42 BA | KNEES 21" x 45" 5" RVS |
| POOP DK BEAMS AT 45" SPACING | 9 1/2" x 44 BA | KNEES 27" x 46" 6" RVS |
| POOP DK BEAMS AT 56" SPACING | 9 1/2" x 42 BA | KNEES 28" x 48" 6" RVS |
| FORECASTLE DK BEAMS AT 45" SPACING | 8 1/2" x 46 BA | KNEES 25" x 52" 6" RVS |
| FORECASTLE DK BEAMS AT 56" SPACING | 10 1/2" x 50 BA | KNEES 30" x 52" 7" RVS |

| STRINGER | |
|---------------------|-----------------------|
| ANGLE 7' x 7" x 98" | 38" IN BRIDGE |
| SHELL CHOCKS | 3 1/2" x 3 1/2" x 40" |
| CEMENT BAR | 3 1/2" x 3 1/2" x 38" |

| UPPER DECK PLATING | |
|---|--|
| A. STRAKE PORT | 69 1/2" x 42" - 35" AT ENDS 6" IN BRIDGE |
| A | STAR 66" x 42" - 34" |
| B | 69 1/2" x 42" - 34" |
| C | 75" x 42" - 34" |
| D | 75" x 42" - 34" |
| OWNERS EXTRA PLATING 625 UNDER COAM HATCHES | |

| UPPER DECK BEAMS | |
|----------------------------|--|
| IN AFT PEAK AT 24" SPACING | 7 1/2" x 40" BA AT 28" SPACING 8 1/2" x 40" BA |
| FRS. 13 TO 19 | 9" x 3 1/2" x 40" BA. KNEES 34" x 54" 8" RVS |
| 21 TO 32 | 6 1/2" x 3 1/2" x 40" BA. 34" x 54" 8" RVS |
| 34 TO 43 | 11" x 3 1/2" x 48" BA. 34" x 54" 8" RVS |
| 45 TO 57 | 7" x 3 1/2" x 46" BA. 25" x 46" 5" RVS |
| 59 TO 65 | 11" x 3 1/2" x 55" BA. 33" x 46" 8" RVS |
| 67 TO 76 & 80 TO 87 | 7 1/2" x 3 1/2" x 48" BA. 25" x 46" 5" RVS |
| 77 TO 79 | 10" x 3 1/2" x 50" BA. 35" x 46" 8" RVS |
| 88 TO 103 | 11" x 3 1/2" x 45" BA. 33" x 46" 8" RVS |
| 105 TO 110 | 11" x 3 1/2" x 45" BA. 34" x 54" 8" RVS |
| 111 TO 115 | 11" x 3 1/2" x 45" BA. 34" x 54" 8" RVS |
| 117 TO 129 | 7 1/2" x 3 1/2" x 44" BA. 34" x 54" 8" RVS |
| 131 TO 139 | 10 1/2" x 3 1/2" x 54" BA. 34" x 54" 8" RVS |
| 141 TO 154 | 6 1/2" x 3 1/2" x 40" BA. 34" x 54" 8" RVS |
| 156 TO 175 | 9" x 3 1/2" x 44" BA. 34" x 54" 8" RVS |
| KNEES AT | |

| MAIN FRAMING | |
|--|-----------------------------------|
| AFT PEAK | 7 1/2" x 34" BA |
| TUNNEL RECESS | 10 1/2" x 34" |
| NR 4 HOLD | 12" x 41" 75" BA |
| NR 5 | 12 1/2" x 65" x 65" x 59" 60" CHL |
| ENGINE SPACE | 12 1/2" x 65" x 65" x 57" 60" |
| BOILER SPACE | 12 1/2" x 65" x 65" x 59" 60" |
| DEEP TANK | 12 1/2" x 74" x 74" x 66" 60" |
| NR 2 HOLD | 12 1/2" x 65" x 65" x 53" 60" |
| NR 1 | 12 1/2" x 70" BA |
| FORE PEAK | 7 1/2" x 34" BA TO POLE DK |
| FRAMING IN POOP, BRIDGE & POLE | |
| FRAMES IN POOP 7' x 3' 28" BA ALT. SCARPHED TO MAIN FRAMES. INTERMEDIATE FRAMES 4 1/2" x 31" 41" NO CONNECTIONS. | |
| FRAMES IN BRIDGE 7' x 3' 36" BA ALT. SCARPHED TO MAIN FRAMES 18" 4 CLOSE SPACED FRAMES EACH END OF BRIDGE | |
| MAIN FRAMES CARRIED UP AT HATCH ENDS | |
| FRAMES IN POLE 7' x 3' 41" BA ALT. SCARPHED 18" TO MAIN FRAMES | |

| CENTRE GIRDER | |
|----------------|--|
| TOP ANGLE | 6" x 6" x 50" - 48" - 60" BS. DOUBLE 3 1/2" x 3 1/2" x 50" ES. 148" FOR 3 1/2" LEN |
| BOTTOM ANGLE | 6" x 6" x 55" - 51" - 65 BS. DOUBLE 4" x 4" x 51" FOR 3 1/2" LEN |
| VERTICAL ANGLE | 3 1/2" x 3 1/2" x 41" - 6" x 6" x 41" ES & THRUST 6" x 6" x 51" BS |

| SIDE GIRDERS | |
|--------------------|--|
| TOP | 38" - 48" BS |
| TOP & BOTTOM ANGLE | 3 1/2" x 3 1/2" x 41" - 51" BS |
| VERTICAL ANGLE | TO FLOORS 3 1/2" x 3 1/2" x 36" - 46" BS |

| FLOORS | |
|------------------------|--|
| SOLID FLOORS | 38" - 48" BS EVERY 3 1/2" FRAME & EVERY FRAME |
| IN ENGINE SPACE & POOP | OF 3 1/2" LEN. |
| WT FLOORS | 46" & STIFFENED 3 1/2" x 3 1/2" x 41" SPACED 30" APART |
| FRAMES | 3 1/2" x 3 1/2" x 41" - 5" x 5" x 41" FOR 3 1/2" LEN. 3 1/2" x 3 1/2" x 49" BS & WT FLOORS |
| REV FRAMES | 3 1/2" x 3 1/2" x 41" - 51" BS - 49" WT FLOORS DBL ES & BS & THRUST |
| FLOORS TO MARGIN | 3 1/2" x 3 1/2" x 41" - 51" BS |

| EQUIPMENT NUMBER | |
|-------------------|----------------------|
| L x (B + D) | 33043 |
| POOP | 37.42 x 3 1/2 x 7.75 |
| BRIDGE | 189" x 3 1/2 x 9 |
| FOOT | 36" x 3 1/2 x 7.75 |
| HOUSES | 76" x 1/2 x 7.5 |
| 42" x 3 1/2 x 7.5 | 235 |
| TOTAL | 35265 |

| EQUIPMENT | |
|----------------------------|-------------------------|
| 2 STOCKLESS ANCHORS, BOWER | 63 3/4 CWT. EACH |
| 1 STREAM ANCHOR EX STOCK | 54 1/2 |
| 270 FATHOMS | 2 1/2" STUD CHAIN CABLE |
| 90 | 4 1/2" STEEL WIRE |
| 120 | 5" TOWLINE |
| 4 AT 90 | 4" EXTRA FLEXIBLE ST |
| 4 AT 90 | 7" MANILLA |

| TANK TOP | |
|--|-----------------------------------|
| B, C & D STRAKE | 6 1/4" x 42" - 36" - 48 ES. 56 BS |
| PLATING NOT LESS THAN 40" WHERE NO CEILING | |
| MARGIN | 50" - 58 BS |
| MARGIN ANGLES | 3 1/2" x 3 1/2" x 49 |

| SKELETON FLOORS | |
|-----------------|---------------------------------|
| FRAMES | 6 1/2" x 3 1/2" x 33 BA - 43 BS |
| REV FRAMES | 6 1/2" x 3 1/2" x 33 BA - 43 BS |
| STRUT | 6 1/2" x 3 1/2" x 33 BA - 43 BS |
| BUTTS | 38 - 48 BS |

| BRIDGE DECK RIVETING | |
|---------------------------------|--|
| STRINGER BUTTS | 5R 1/8 RVS. SPACED 3 1/2" APART |
| DECK BUTTS | 2R 1/8 RVS. 1R WHERE 44" 1R WHERE 36" 78 RVS. 5/8" APART |
| LANDINGS | 1R 1/8 RVS. 4" APART |
| STRINGER ANGLE | 1/8 RVS. 5/4" EACH ROW |
| BEAMS | 78 RVS. 6" - |
| POOP & FORECASTLE DECK RIVETING | |
| STRINGER BUTTS | 1R 1/8 RVS. SPACED 2 1/2" APART |
| DECK BUTTS | 1R 1/8 RVS. 3 |
| LANDINGS | 1R 1/8 RVS. 3 1/2" |
| STRINGER ANGLE | 1/8 RVS. SPACED 1 1/2" T.O. S. C. L. |
| BEAMS | 3/4" - 4 1/2" APART |

| UPPER DK RIVETING | |
|--|--|
| STRINGER BUTTS | 5R OVER 84" 1" RVS 4" APART OVER 84" 1 1/2" RVS 5" APART |
| 4R 72" TO 84" 1" - 4" APART 60" TO 72" 1 1/2" RVS 5 1/2" APART | |
| 3R 42" TO 60" 7/8" - SPACED 3 1/2" APART CE TO CR | |
| 2R UNDER 42" 7/8" - 3/8" | |
| 4R OVER 68" 7/8" - 5/2" | |
| 2R UNDER 54" TO 1R AT ENDS 78 RVS 3/2" | |
| DR ABOVE 84" 1 1/2" RVS SPACED 4 1/2" | |
| DR 72" TO 84" 1" - 4 1/2" | |
| DR 68" TO 72" 7/8" - 4" | |
| 5R UNDER 68" 7/8" - 4" | |
| 5R UNDER 68" 7/8" - 4" | |
| 1 1/2" RVS. 5 1/2" APART | |
| 1" - 4 1/2" | |
| 7/8" - 4" | |

| | |
|---------------------|---|
| SHELL CHOCKS | 5" - 78" AT 28" SPACING 4" - 78" AT 24" SPACING |
| BEAM AT EVERY FRAME | 1 1/2" RVS. 7" APART 1 1/2" RVS. 6 1/2" APART |
| BEAM - ALT | 78 RVS. 24" APART |

| SHELL RIVETING | |
|---|--|
| KEEL 4R FOR 1/2" LEN. 1" RVS. 4" APART TO 3R 1/8 RVS. 3 1/2" APART | |
| SIDE & BOTTOM BUTTS 5R 1/8 RVS. 5 1/2" APART CR TO CR | |
| SHEER STRAKE WHERE OVER 86" BUTTS 5R 1" RVS. SPACED 4 1/2" APART | |
| 72" - 48" 1" - 4" | |
| UNDER 60" - 3R 7/8" - 3 1/2" | |
| LANDINGS DR 6" WHERE 1" RVS. 5 1/4" WHERE 78 RVS | |
| FRAMES IN HOLDS & E & B SPACE 1" RVS. 7" APART 1 1/2" RVS. 6 1/2" APART | |
| TWEEN DECKS 1" - 7" - 1" - 6 1/2" | |
| PEAKS & DEEP TANKS 7/8" - 4 1/2" - 7/8" - 4 1/2" | |
| BHD FRAMES 1" - 4 1/2" - 1" - 4 1/2" | |

| DOUBLE BOTTOM RIVETING | |
|--|--|
| BUTTS OF CENTRE STRAKE 3R TO 2R 7/8" RVS. 5 1/2" APART | |
| PLATING 2R 7/8" - 5 1/2" | |
| MARGIN BUTTS 3R 7/8" - 5 1/2" | |
| SEAMS 78" - 3 1/2" | |
| MARGIN ANGLES 78" - 4" | |
| FRAMES REV FRAMES GIRDER ANGLES TO FLOORS 1 1/2" RVS. 7" APART | |
| FLOORS TO CENTRE GIRDER 1 1/2" RVS. 7" APART | |
| CENTRE GIRDER BUTTS 78 RVS. 3 1/2" | |
| FRAMES FOR DP 3 1/2" LEN. 78" - 4 1/2" | |

| L STRAKE OUT | |
|--------------|----|
| POOP | 38 |
| BRIDGE | 61 |
| FOOT | 40 |

| K STRAKE IN | |
|-------------|----|
| POOP | 38 |
| BRIDGE | 61 |
| FOOT | 40 |

| J STRAKE OUT | |
|-----------------------|--|
| 72" x 72" x 44" | |
| 60" IN BRIDGE | |
| DOUBLE AT BRIDGE ENDS | |

| H STRAKE IN | |
|-----------------------|--|
| 74" x 74" x 44" | |
| 60" IN BRIDGE | |
| DOUBLE AT BRIDGE ENDS | |

| G STRAKE OUT | |
|-----------------------|--|
| 74" x 74" x 44" | |
| 60" IN BRIDGE | |
| DOUBLE AT BRIDGE ENDS | |

| F STRAKE IN | |
|-----------------------|--|
| 74" x 74" x 44" | |
| 60" IN BRIDGE | |
| DOUBLE AT BRIDGE ENDS | |

| E STRAKE OUT | |
|-----------------------|--|
| 63" x 63" x 46" | |
| 50" IN BRIDGE | |
| DOUBLE AT BRIDGE ENDS | |

| | |
|-----------------------|--|
| 50" IN BRIDGE | |
| DOUBLE AT BRIDGE ENDS | |
| DOUBLE AT BRIDGE ENDS | |
| DOUBLE AT BRIDGE ENDS | |

| D STRAKE OUT & IN | |
|-------------------|--|
| 66" x 60" - 46" | |

| C STRAKE OUT & IN | |
|---------------------|--|
| 79 1/2" x 60" - 46" | |

| B STRAKE OUT & IN | |
|---------------------|--|
| 79 1/2" x 60" - 46" | |

| A STRAKE OUT & IN | |
|---------------------|--|
| 80 1/2" x 60" - 46" | |

| KEEL OUT | |
|------------------------------|--|
| 49" x 76" FOR 3 1/2" L - 67" | |

The Great Dock Co.

J. S. BARRADLE.

N^o 408.

Midship Section
as Built.

Gen. Rep^t. N^o. 18479.

W1148-0081



© 2021

Lloyd's Register
Foundation