

16 FEB. 84

\$ \$ No 129.3

MIDSHIP SECTION.

SCALE $\frac{1}{2}$ INCH TO A FOOT

DIMENSIONS 200' x 28' x 11' 0" HOLD

CLASS 100A AWNING DECK "STEEL"

7 x 2 1/2 track

3" p. p. deck.

$9 \times \frac{5}{16} \times \frac{1}{4}$

Stringer 22 x 5/16 @
to 1/4 at ends
Gutter - 1 - 2 1/2 x 2 1/2

3 x 1 1/2 iron

Doubling for 120 ft.
 $24 \times \frac{9}{32}$ as compensation for
 $\frac{9}{32}$ lights & Cargo doors.

$2\frac{3}{8}$ " dia on
 every beam for
 $3\frac{1}{4}$ "th Leng.

$\frac{1}{2} G = 23-34\frac{1}{2}$
 $\frac{1}{2} B = 13.88$
 $D = 12\frac{1}{2}$
 $F.N. = \frac{49-62}{198.3}$
 $P.N. \frac{9839-65}{14 \times 198.3 = 2776-2}$
 $E.N. = \frac{12615.85}{198.3}$

$\frac{198.3}{12.4} = 15.98$ Dps
 $\frac{198.3}{28} = 7.08$ Bds

Steel deck $\frac{10}{32}$ for $\frac{1}{2}$ Long to $\frac{9}{32}$
of chequered plates where exposed

Stranger 28 x $\frac{15}{32}$ \square
 to 22 x $\frac{10}{32}$ at end
 - " - Angles $3\frac{1}{2} \times 3\frac{1}{2} \times 10/3$

Shen 400 x $\frac{21}{32}$ 6 $\frac{13}{32}$
 being increased $\frac{2}{16}$ for $\frac{1}{4}$ d.
 in view of doubling. Doubled
 under cargo
 ports.

— Chains & Anchors —

2 Bowers $15\frac{1}{4}$ cts on stock
1 " " 13 " " "
1 Stream $5\frac{1}{4}$ " "
1 Kedge $2\frac{1}{2}$ " "
1 " " $1\frac{1}{2}$ " "
210 fms $1\frac{3}{16}$ Stud chain Cable
60 " " $\frac{14}{16}$ Stream chain
90 " 9'-4" & 5' Ropes.

$2\frac{1}{2}$ on every alternate beam for 3 frames
 $\frac{3}{4}$ " long
 Rev - 11 - $2\frac{1}{2} \times 2\frac{1}{2} \times 8\frac{1}{2}$ to M. D. Slange angle (double across)
 Floors $14 \times \frac{10}{32}$ for $\frac{1}{2}$ L to $\frac{8}{32}$ at ends $\frac{1}{16}$ thicker under E & B floors
 B. Heads $\frac{7}{32}$ for $\frac{1}{2}$ L to $\frac{8}{32}$ at ends $\frac{1}{16}$ thicker under E & B floors

Kalson Angles $4 \times 3 \times 9/16$
 " - Intercoastal plates $10/32$ to $8/32$
 " - " - angles $3 \times 3 \times 9/16$

Rides for $\frac{3}{4}$ at
 $8\frac{1}{2} \times \frac{13}{32}$ to $\frac{12}{32}$
 $12\frac{1}{2} \times \frac{13}{32}$ to $\frac{12}{32}$

$2\frac{1}{2}$ Ceiling

$6\frac{1}{2} \times 3\frac{1}{16}$ built for $3\frac{1}{5}$ L

Built straps of Main Stringer
Main sheer & two bidge strakes
to be $\frac{1}{2}$ thicker than plates &
treble riveted for $\frac{1}{2}$ L. D.

Keel $6 \times 2 \frac{1}{2}$
Stern $6 \frac{3}{4} \times 2 \frac{1}{4}$
Stern post $6 \frac{3}{4} \times 4 \frac{1}{4} \times \frac{1}{4}$
Rudder $5 \text{ to } 2 \frac{3}{4}$

AITKEN & MANSEL
SHIPBUILDERS
2-FEB-84
ENGINEERS
WHITEINCH, GLASGOW

Lloyd's Register
Foundation

625199-0117