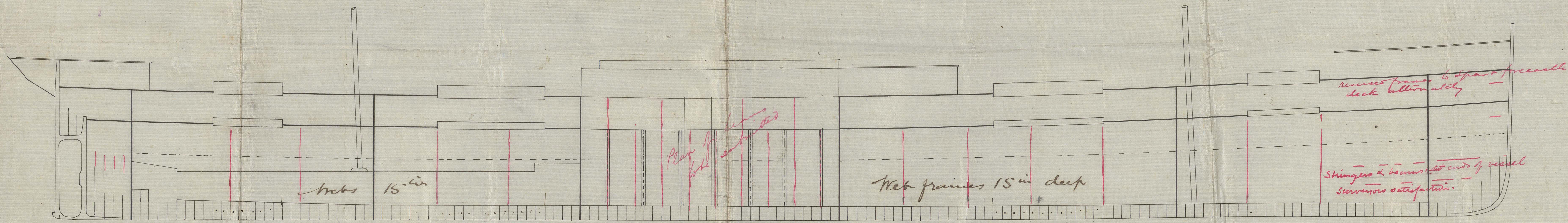


Yard No. 193.

TO STEEL - SPAR DECK RULES

365.0 x 44.0 x 22.0 MOULDED



DEPTH S.D.^K TO LENGTH = $\frac{363}{30.83} = 11.7$

DEPTH M.D.^K TO LENGTH = $\frac{363}{22.91} = 15.8$

BREADTH TO LENGTH = $\frac{363}{43.79} = 8.2$

$\frac{1}{2}$ GIRTH = 40.12
 $\frac{1}{2}$ BREADTH = 21.89
 DEPTH = $\frac{22.91}{84.92 = 1\frac{37}{4} N^{\frac{1}{2}}}$

$\frac{1}{2}$ GIRTH S.D.^h = 48.03
 $\frac{1}{2}$ BREADTH = 21.89
 DEPTH S.D.^h = 30.83
 ✓ 100.75

- 2 BOWERS EX. STOCK = 40 CWT. EACH } TOTAL
 - 1 " " " = 34 " } = 114 CWT. $\frac{3}{4}$
 OR { 2 BOWERS PATENT = 50 " " } TOTAL = (114
 1 " " = 12 $\frac{1}{2}$ " } = 142 $\frac{1}{2}$ CWT.

BRIDGE DECK STRINGER = $39 \times \frac{7}{20}$
POOP & FORE DECK STRINGER = $30 \times \frac{7}{20}$ ENDS
ANGLES $3 \times 3 \times \frac{7}{20}$

$$\begin{array}{r} 363 \\ \hline 25476 \\ 50952 \\ 25476 \\ \hline 30825.96 = 2^{20} N^{\frac{1}{2}} \end{array}$$
$$\frac{36572}{8} = 4571 \times \frac{162}{363} = \overset{2039}{\cancel{2040}}$$

- 1 STREAM EX. STOCK - 12 "
 - 1 KEDGE " " = 6 "
 - 1 KEDGE " " = 3 "
 300 F^{MS} STUD CHAIN CABLE = 2 $\frac{1}{16}$ DIAM.
 90 " STREAM CHAIN = 1 $\frac{3}{16}$ DIAM. OR 4 $\frac{1}{2}$ STEEL WIRE
 - 120 " HEMP = 13" OR 4 $\frac{1}{2}$ STEEL WIRE
 - 90 " HAWSER = 10" OR 3 $\frac{1}{4}$ STEEL WIRE
 - 90 " WARD = 9" ✓

2040 + 36572.25 =
~~38612.25~~ EQUIP = N =

$60 \times \frac{8}{20} \frac{1}{2} L$, to $4 \times \frac{7}{20} \text{ ENDS}$ ✓
 DOUBLED $57 \times \frac{2}{20}$ FOR $\frac{1}{2} L$
 SINGLE STRAPS $\# RIV^2 \times \frac{4}{20}$ THICKER FOR $\frac{3}{4} L$ *except in way of doubling*
 SINGLE STRAPS $\# RIV^2 \times \frac{2}{20}$ THICKER AT ENDS ✓

$36 \times \frac{14}{20}$ $\frac{1}{2}$ L & TO $\frac{11}{20}$ WITH STRAPS
except in case of doubling
 $\frac{4}{20}$ THICKER $\frac{3}{20}$ L & $\frac{8}{20}$ THICKER END, FITTED
 ON OUTSIDE ONLY & $\frac{1}{2}$ RIV $\frac{1}{2}$
 DOUBLING: $27 \times \frac{10}{20}$ FOR $\frac{3}{4}$ L & WITH
 STRAPS $\frac{1}{2}$ RIV $\frac{1}{2}$ & $\frac{1}{20}$ THICKER

4. $6Q \times \frac{10}{20} \frac{1}{2} \text{ C} \times \tau \circ \frac{9}{20}$ ~~not to be used~~

see small sketch C

48. $48 \times \frac{13}{20} \frac{1}{2} \text{ C} \times \tau \circ \frac{10}{20}$

WEB FRAMES IN ENG. & BOILER SPACE
SPACED $4\frac{3}{8}$ FRAMES APART, $18" \times \frac{8}{20}$ WITH
FACE BAR OF TEE IRON $6 \times 3 \times \frac{8}{20}$

LD⁵⁰ TIES = $17 \times \frac{10}{20} \frac{1}{2} \text{ LBS}$ TO $\frac{8}{20} \text{ GND}$ ✓

BULBS $10\frac{1}{2} \times \frac{10}{20}$ & 2 BAR $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{8}{20}$ ON ALTERNATE FRAMES

FRAMES $5 \times 3\frac{1}{2} \times 3\frac{1}{2} \times \frac{11}{20} \times \frac{3}{5}$ LBS TO $\frac{10}{20}$ ENDS
ANGLE FRAMES AT ENDS $5 \times 3\frac{1}{2} \times \frac{9}{20}$
" REV. " " " $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{9}{20}$

SPACED 27 APART
web frames as per profile

FRAMES AT BULKHEADS & WEBS = $4 \times 3\frac{1}{2} \times \frac{8}{20}$
BULKHEAD $7\frac{6}{20}$; ANGLES $5 \times 3\frac{1}{2} \times \frac{8}{20}$
STEM = $11 \times 2\frac{3}{4}$; STERN POST = $11 \times 6\frac{1}{2}$ DIAM
RUDDER HEAD $8\frac{1}{2}$ DIAM, HEEL 4" DIAM.
FRAMES IN TANK = $4 \times 3\frac{1}{2} \times \frac{8}{20}$

$\frac{1}{2} \times \frac{8}{20}$

$$\text{FRAMES IN TANK} = 4 \times 3\frac{1}{2} \times \frac{8}{20}$$

$\frac{42 \times 10-8}{20}$ & $\frac{16 \times 7}{16}$ BUTTS double straps $\frac{7}{20}$

6

FLOORS IN TANK $\frac{7}{20}$, END $\frac{8}{20}$

FRAMES IN TANK

$\frac{1}{2} \times 12 = \frac{11}{20}$

$\frac{12}{20}$ TO $\frac{15}{20}$

$$3\frac{1}{2} \times 20$$

$$= \frac{10}{20}$$

EL PLATE $36 \times \frac{16}{20}$ FOR $\frac{3}{4}$ L~~X~~
TO $\frac{12}{20}$ QND~~X~~
DOUBLED FOR $\frac{1}{2}$ L~~X~~ ✓

PLATE & DOUBLING
AT ENDS

\nparallel RIV $\frac{0}{2}$ & SAME THICKNESS
 \nparallel RIV $\frac{0}{20}$ ² THICKER

1

2 Mts in each row in
leading edges between frames
Rivets connecting frames &
shell plating & diameters
or to or

THE WARDBOARD STRAKE & ALL
SHALL PLATES CONNECTED TO
FORWARD STERNPOST TO BE SAME
THICKNESS AS ~~X~~
✓ THE BOSS PLATED & STRAKES
ABOVE & BELOW SAME TO BE $\frac{2}{20}$
THICKER THAN ~~X~~ & STRAPS FROM
FRAME TO FRAME

ALL THE BUTTSTRAPS FORE & AFT
TO BE ~~1~~ RIV $\frac{D}{2}$ & $\frac{4}{20}$ THICKER
WITH THE BACK ROW COMPLETE

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West premises 12 in deep

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