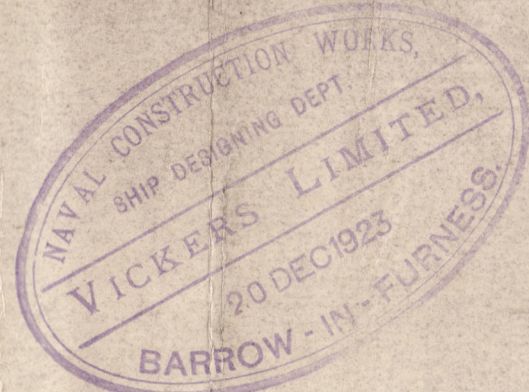


S.S Self Unloading Coal Barge.

for the

Canada Steamship Lines Ltd



Midship Section

To class B.S. ~~with~~ for 14'-0" draft
for Canadian lakes, Canals and River St Lawrence

Scale $\frac{1}{2}$ " = 1 foot

250' x 43' x 20' Med

Equipment and riveting to rule requirements. for Service

Approved *[Signature]*
See *[Signature]* 12.23

250 x 43 x 20 x .75 / 60
38 x 43 x 4 x .50 / 100
58 x 34 x 8.5 x .50 / 100

1613
32-7
93.8
1729.5

Hatch coaming 24 x 40
reduced from 30 x 40 to 24 x 40
at greater support afforded by transverse

2 1/2" WP Covers

Deck specially strengthened and supported
under girders

Hull beams 5 x 5 x 30
on every frame

Frames spaced 24" apart
3 x 3 x 42 B.A. and 6 x 3 x 32 B.A. on every fourth frame
6 x 3 x 32 B.A. on intermediate frames
In pairs 6 x 3 x 32 B.A.

Stem 7' x 2'
Stempost 3' x 2' base base 8 1/2" square below base. See plan.

Extra girders under engines

Solid Flats 30" every fourth frame in field, and every second frame in E.S.
36" in E.S. 42" B.S. every other under engines and boilers
50" under boiler barriers

Centre Girders 30 x 40 - 34 - 42 B.S.
" " Top angle 3 x 3 x 40 - 34 - 42 B.S. double under engines
" " Bottom angle 3 1/2 x 3 1/2 x 46 - 38 double at fore end

Tank top plating 40 - 40 B.S. 48 B.S.

Welding 6 x 3 x 42 angle straps recommended

Keel plate 48 x 6 - 52

Vickers H. 610.

Midship Sec

"Collier"

Collier

Midship Section

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Foundation