

5.4.21

BUILDERS NO 1562.

# SINGLE SCREW CARGO STEAMER.

## SCANTLING SECTION.

SCALE  $\frac{1}{2}$ " = 1 FOOT.

TO CLASS 100 A1 AT LLOYDS.

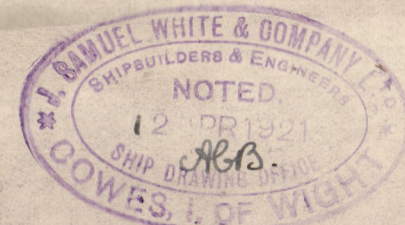
### PRINCIPAL DIMENSIONS.

LENGTH B.P. [LLOYDS]	255'-0"
BREADTH M <sup>LD</sup>	40'-0"
DEPTH [MAIN DECK]	18'-1"
" [RAISED Q <sup>R</sup> DECK]	22'-1 $\frac{1}{2}$ "

### LLOYDS NUMERALS

LONGITUDINAL N <sup>O</sup> L + (B + D)	14811 ✓
TRANSVERSE N <sup>O</sup> B + D.	581 ✓
PROPORTIONS $\frac{1}{10}$ (MAIN DECK)	14.14 ✓
" (RAISED Q <sup>R</sup> DECK)	11.52 ✓
d MAIN DECK 18'-1" - 3'-0" - 2"	14'-11" ✓
d RAISED Q <sup>R</sup> DECK 22'-1 $\frac{1}{2}$ " - 3'-0" - 3 $\frac{1}{2}$ "	18'-10" ✓
d FOR FRAMES	RULE PROPOSED
HEIGHT OF TANK SIDE BRACKETS	17 24
BEAM KNEES.	22 22
	39 46

$$\frac{46-39}{2} = \frac{7}{2} = 3\frac{1}{2}$$



### HATCHES

- SIDE & END COAMINGS 46 ✓
- COAMING ANGLE 3 $\frac{1}{2}$  - 3 $\frac{1}{2}$  - 46 ✓
- WEBS ABOUT 5'-0" APART 13'-40" ✓
- TOP & BOTTOM ANGLES 3 $\frac{1}{2}$  - 3 - 44 [3 $\frac{1}{2}$  FLANGE HOR<sup>TL</sup>] ✓
- BULB ANGLE STIFFENERS 7 - 3 - 42 B.A. ✓
- HATCH COVERS 2 $\frac{1}{2}$  PINE ✓

### SCANTLINGS

- FRAMES IN WAY OF UPPER DECK 7 - 3 - 44 B.A. ✓
- FROM 26% FROM STEEN TO COLLISION BULKHEAD 7 $\frac{1}{2}$  - 3 - 46 B.A. ✓
- IN WAY OF RAISED QUARTER DECK 8 - 3 - 48 B.A. ✓
- IN FORE PEAK 7 - 3 - 42 B.A. ✓
- IN AFT PEAK 8 - 3 - 46 B.A. ✓
- SPACED 28" APART THROUGHOUT ✓
- UPPER DECK STIFFENER PLATE 51 - 60 FOR  $\frac{1}{2}$  L TO 25 - 36 AT ENDS - 80 AT BREAK ✓
- RAISED Q<sup>R</sup> 46 - 50 25 - 36 ✓
- UPPER Q<sup>R</sup> STIFFENER ANGLE 4 $\frac{1}{2}$  - 4 $\frac{1}{2}$  - 58 FOR  $\frac{1}{2}$  L TO 3 $\frac{1}{2}$  - 3 $\frac{1}{2}$  - 36 AT ENDS. ✓
- RAISED Q<sup>R</sup> 4 - 4 - 52 - 41 - 3 $\frac{1}{2}$  - 3 $\frac{1}{2}$  - 36 ✓
- UPPER DECK PLATING AS MARKED ✓
- RAISED Q<sup>R</sup> ✓
- DECK BEAMS 6 $\frac{1}{2}$  - 3 - 42 B.A.  $\frac{1}{2}$  BEAMS 6 $\frac{1}{2}$  - 3 - 40 B.A. ✓
- BEAM KNEES 2 $\frac{1}{2}$  - 44 ✓
- PEAK FLOORS 34 ✓

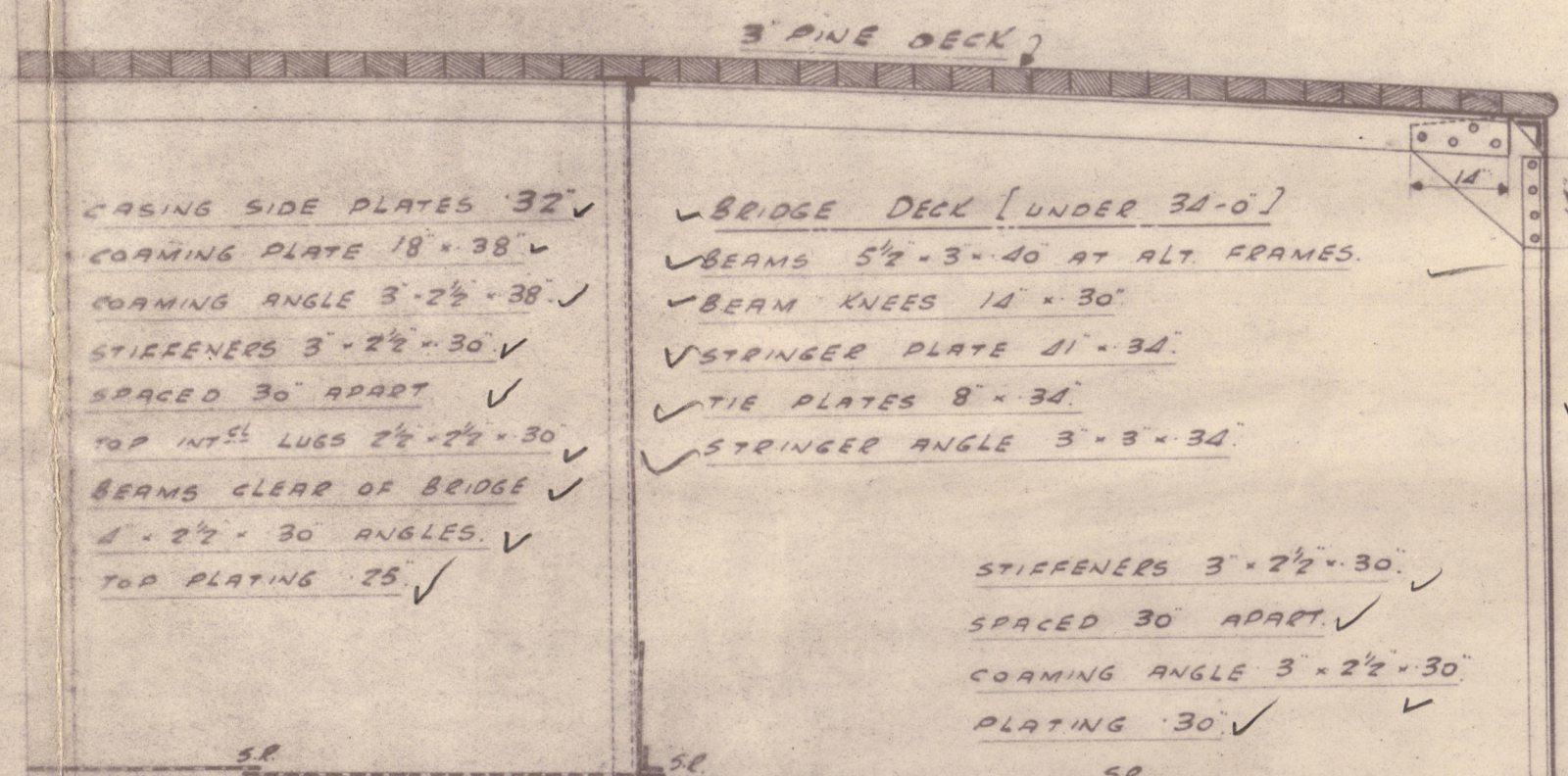
### FORECASTLE DECK.

- SIDE PLATING 32 ✓
- DECK STIFFENER PLATE 25 - 30 ✓
- DECK PLATING 30 ✓
- BEAMS 6 $\frac{1}{2}$  - 3 - 40 B.A. WITH TIRON OF PILLARS ✓
- BEAM KNEES 16 - 40 ✓
- STIFFENER ANGLE 3 - 3 - 30 ✓

### FORGINGS

- STEM 7 $\frac{1}{2}$  - 2 $\frac{1}{4}$  ✓
- PROPELLER POST 7 $\frac{1}{2}$  - 5 $\frac{1}{2}$  ✓
- RUDER POST 6 $\frac{1}{2}$  - 5 $\frac{1}{2}$  ✓

NOTE! NO LIGHTENING HOLES TO BE PUNCHED IN FLOORS OR INTERCOSTALS IN WAY OF KEELS OR PILLARS.



### BRIDGE DECK.

- PLATING 28 THROUGHOUT ✓
- STIFFENER PLATE 42 - 46 ✓
- STIFFENER ANGLE 3 - 3 - 34 ✓
- BEAMS 6 $\frac{1}{2}$  - 3 - 38 ANGLE ✓
- BEAM KNEES 16 - 38 ✓

### COAL BUNKER

- SIDE PLATING 30 ✓
- VERTICAL STIFFENERS 6 $\frac{1}{2}$  - 3 - 34 B.A. ✓
- SPACED TWO BEAM SPACES APART ✓

### INNER BOTTOM

- CENTRE STAKE 95 - 40 FOR  $\frac{1}{2}$  L ANIDSHIPS TO 34 AT ENDS ✓
- PLATING IN HOLDS 32 FOR  $\frac{1}{2}$  L ANIDSHIPS TO 30 AT ENDS 38 IN ENGINE ROOM ✓
- 4 $\frac{1}{2}$  IN BOILER ROOM, INCLUDING CENTRE STAKE 32 DOUBLE RIMED UNDER HATCHES (SEE TANK TOP PLAN) ✓
- FLOORS 32 ON EVERY FRAME 42 ON EVERY FRAME UNDER BOILERS ✓
- FRAMES & REVERSE FRAMES ON FLOORS 3 - 3 - 32 FOR FRAMES IN BOILER ROOM 3 - 3 - 42 ✓
- ANGLE UNDER BOILER BEARERS DOUBLE RIV FRAMES IN ENGINE ROOM 3 - 3 - 32 ✓
- FRAMES 3 - 3 - 32 DOUBLE FORWARD OF  $\frac{1}{2}$  L TO COLLISION BULKHEAD ✓

BUTT LAPS DOUBLE RIVETED THROUGHOUT.

BUTT LAPS SINGLE RIVETED & INNER BUTTSTRAPS AS SHOWN ON TANK TOP PLAN.

KEEL PLATE 41 - 68 ✓

FOR 70% L TO 62 ✓

AT ENDS ✓

BUTT STRAPS QUAD<sup>LE</sup> RIVETED FOR ✓

$\frac{1}{2}$  L TO TREBLE RIVETED AT ENDS ✓

1205

MONITOR DRAWING

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### EQUIPMENT N<sup>O</sup>.

LONGITUDINAL N <sup>O</sup>	14811 ✓
RAISED QUARTER DECK	92 - 4 - 04 371.7 ✓
FORECASTLE DECK	26 - 32 - 75 - 3 151.4 ✓
BRIDGE DECK	59 - 4 - 75 - 3 334.2 ✓
ENGINE & BOILER CASING	57 - 5 - 75 - 1 $\frac{1}{2}$ 210.6 ✓
	15878.9 ✓

### EQUIPMENT 9

- 2 BOWERS 33 CENTS [STOCKLESS] COLLECTIVE N<sup>O</sup> ✓
- 1 BOWER 28 " [ " ] 9A CENTS ✓
- 1 STEAM 8 $\frac{1}{2}$  " [EX STOCK] ✓
- 1 KEDGE 4 $\frac{1}{2}$  " [ " ] ✓
- 25 FATHOMS  $\frac{1}{16}$  STUD LINK CHAIN CABLE ✓
- 75 - 1 $\frac{1}{16}$  FOR STEAM OR 4 S.N.P. ✓
- 30 - 11 HEND ROPE TONLINE OR 3 $\frac{1}{2}$  S.N.P. ✓
- 30 - 2 OR 6 HANSEY " 2 $\frac{1}{2}$  S.N.P. ✓
- 30 - 2 OR 5 WARP " 1 $\frac{1}{2}$  S.N.P. ✓

S.M.M.



Messrs J. S. White & Co. Bowco

Midship Section Yarn N<sup>o</sup>. 1562.

S/ Hitherswood

Lon 11390



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