

SCANTLINGS.

STEM- TO BE FITTED IN TWO LENGTHS WITH SCARP AT UPPER TURN OF FORE FOOT- UPPER SECTION OF BULK IRON OR MILD STEEL 10" x 2 1/2" LOWER SECTION OF CAST STEEL SHAPED TO FORM STERN FRAMES- WILL BE OF CAST STEEL IN TWO SECTIONS WITH SCARPS AT UPPER PART OF RUDDER POST AND LOWER PART OF PROPELLER POST

PROPELLER POST 10 1/2" x 8" RUDDER POST 9" x 8" FRAMES- 10 3/8" x 3 1/2" CHANNELS BEYOND INNER BOTTOM TO UPPER DECK SPACED 21" APART FROM COLLISION B.H. TO AFTER PEAK B.H.- ALTERNATE MAIN FRAMES TO RUN UP TO FORECASTLE, BRIDGE AND POOP DECK- INTERMEDIATE FRAMES IN BRIDGE 6" x 3 1/2" x 11 1/2" ANGLES & ALL INTERMEDIATE FRAMES BRACKETED TO DECK BEAMS OVER AND UNDER FORECASTLE ONLY ALSO BRACKETED TO DECK FRAMES IN PEAKS 6" x 3 1/2" x 11 1/2" ANGLES SPACED 21" APART ALL TO RUN IN AND OVER FORECASTLE DECKS. FRAMES TO BE CUT IN WAY OF PLATS AND EFFICIENTLY BRACKETED TO SAME OR W.T. STAP- LING WORKED IN WAY OF SAME

FRAMES ON FLOORS IN DOUBLE BOTTOM 3 1/2" x 3 1/2" x 9 1/2" ANGLES THROUGHOUT DOUBLE FROM 1/2" FORWARD TO COLLISION BULKHEAD 3 1/2" x 3 1/2" x 9 1/2" MAIN FRAMES IN BOILER SPACE TO BE 10 3/8" x 3 1/2" x 30" CHANNELS IN LIEU OF WEB FRAMES. BULK FRAMES 3 1/2" x 3 1/2" x 9 1/2" ANGLES

REV. FRAMES- ON EVERY FLOOR IN DOUBLE BOTTOM 3 1/2" x 3 1/2" x 9 1/2" ANGLES INCREASED TO 11 1/2" IN BOILER SPACE- DOUBLE IN ENGINE SPACE ON EVERY FRAME AND UNDER BOILERS

PEAKS 3 1/2" x 3 1/2" x 8 1/2" ANGLES & ALL TO UPPER DK. ON ALT. FRAMES TO FORECASTLE, POOP DECK, W.B. FRAMES- 22" x 4 1/2" WITH DOUBLE FACE BARS 3 1/2" x 3 1/2" x 11 1/2" ANGLES IN ENGINE SPACE, ALL OMITTED IN BOILER SPACE WHERE MAIN CHANNEL FRAMES HAVE BEEN INCREASED IN LIEU OF SAME- WEB FRAMES WILL BE FITTED IN FOR HOLD IN CONNECTION WITH PAINTING BEAMS AND STRINGERS- WEBS WILL BE FITTED IN BRIDGE OVER BULKHEADS

W.T. BULKHEAD FRAMES- IN ACCORDANCE WITH APPROVED BULKHEAD PLAN

FLOORS- ON EVERY FRAME 4 1/2" x 40" FOR L. TO 30" AT ENDS INCREASED TO 50" IN BOILER SPACE FLOORS IN BOTH PEAKS ON EVERY FRAME 40" AT FLOORS TO HAVE STRINGERS 3 1/2" x 3 1/2" x 11 1/2" ANGLES FITTED SET LONGITUDINAL AS SHOWN

CENTER VERTICAL KEEL- 4 1/2" x 52" FOR L. TO 45" AT ENDS INCREASED TO 60" IN BOILER SPACE- DOUBLE ANGLES TO TANK TOP PLATING 3 1/2" x 3 1/2" x 12 1/2" FOR L. TO 11 1/2" AT ENDS TO 18" IN BOILER SPACE

LONGITUDINALS- TWO EACH SIDE OF KEEL 6" x 40" FOR L. TO 30" AT ENDS 50" IN BOILER SPACE- HALF LONGITUDINAL 30" EACH SIDE IN WAY OF DOUBLE FRAMES FOR WARD EXTRA FULL DEPTH LONGITUDINALS ARE REQUIRED

SIDE STRINGERS- TWO EACH SIDE OF 4 1/2" INTER-COSTAL PLATING 3 1/2" x 3 1/2" x 11 1/2" ANGLES

STRINGERS- 7 1/2" x 17" PLATE ANGLE- ADDITIONAL PAINTING STRINGERS WILL BE FITTED FORWARD

BEAMS- 22" x 4 1/2" x 3 1/2" x 20" CHANNELS ON EVERY FRAME 22" x 4 1/2" x 3 1/2" x 20" CHANNELS EXCEPT IN WAY OF CARGO HATCHES AND MACHINERY OPENINGS WHERE THEY WILL BE 18" x 4 1/2" x 3 1/2" x 20" CHANNELS ON EVERY FRAME

UPPER DECK- ON EVERY FRAME TWO BEAMS 1 1/2" x 4 1/2" x 20" CHANNELS IN WAY OF HATCHES 7 1/2" x 4 1/2" x 20" CHANNELS ON EVERY FRAME 7 1/2" x 4 1/2" x 20" CHANNELS

DOUBLE DECK- ON EVERY FRAME 7 1/2" x 4 1/2" x 20" CHANNELS WITH SUPPORT EQUAL TO TWO ROWS OF PILLARS

DOCK DECK- ON ALTERNATE FRAMES 7 1/2" x 4 1/2" x 20" CHANNELS- SUPPORT EQUAL TO TWO ROWS OF PILLARS

HATCH END BEAMS AT 2ND & UPPER DECK OF SAME

BOILER DECK BEAMS- 4" x 3 1/2" x 9 1/2" ANGLES SPACED 21" APART

STRONG BEAMS IN MACHINERY SPACE OF SCANTLINGS AS REQUIRED BY LLOYD'S

W.T. BULKHEADS- PLATING TO BE OF REQUIRED THICKNESS IN ACCORDANCE WITH DEPTH OF BULKHEAD STIFFENERS TO BE OF REQUIRED SIZE FOR 30" SPACING GENERALLY AND FITTED WITH LUGS AT TOP & BOTTOM- PLAN OF ALL W.T. BULKHEADS TO BE SUBMITTED TO LLOYD'S FOR APPROVAL

SHEAR TUNNEL & RECESS- THICKNESS OF PLATING SIZE AND SPACING OF STIFFENERS TO BE TO LLOYD'S REQUIREMENTS

SHELL PLATING- AT STERN FRAME TO BE OF MIDSHIP THICKNESS OF STRAKES

THREE STRAKES NEXT TO PLAT PLATE KEEL TO MAINTAIN MIDSHIP THICKNESS TO COLLISION BULKHEAD

DISTRIBUTION OF THICKNESSES OF PLATING ALSO POSITION OF BUTTS TO BE TO LLOYD'S APPROVAL

DOUBLING PLATES TO BE FITTED AT ENDS OF BRIDGE AT HATCH DECKS AND ELSEWHERE AS REQUIRED

BOSS PLATING- TO BE 1 1/2"

RUDDER OF SINGLE PLATE TYPE- FORGED FRAME WITH KEEL ARM OPPOSITE EACH CUDGEON- RUDDER STOCK OF WROG. STEEL OF DIA. TO LLOYD'S APPROVAL INCREASED AT KEYWAY- STOCK TO BE CONNECTED TO RUDDER BY A VERTICAL BOLT COUPLING

STOCK 10 1/2" DIA. BOLT 5 1/2" DIA. PLATE 1 1/2"

NOTES.

DETAIL PLANS OF THE FOLLOWING TO BE SUBMITTED TO LLOYD'S FOR APPROVAL- STERN FRAME, RUDDER, SHEAR, M.T. RMS, PAINTING, STRINGERS, BOW FRAMES, ETC. PILLARS & GIRDERS, HATCHES, PROFILE & BULKHEADS, PUMPING ARRANGEMENT, ETC.

BRIDGE SIDE PLATING TO BE CARRIED DOWN TO LOWER DECK AT ENDS AND DOUBLING FITTED

UPPER DECK SHEAR STRAKE & STRINGERS TO BE DOUBLED OR INCREASED IN THICKNESS AT ENDS OF BRIDGE

NOTE.

CARNEGIE STEEL CO. SHAPES USED THROUGHOUT

TRIVETING.

ALL BUTT STRAPS, BUTTLAPS SEAM OR EDGE LAPS TO BE OF WIDTH AS REQUIRED AND ALL RIVET- ING THROUGHOUT TO BE IN ACCORDANCE WITH LLOYD'S RULES.

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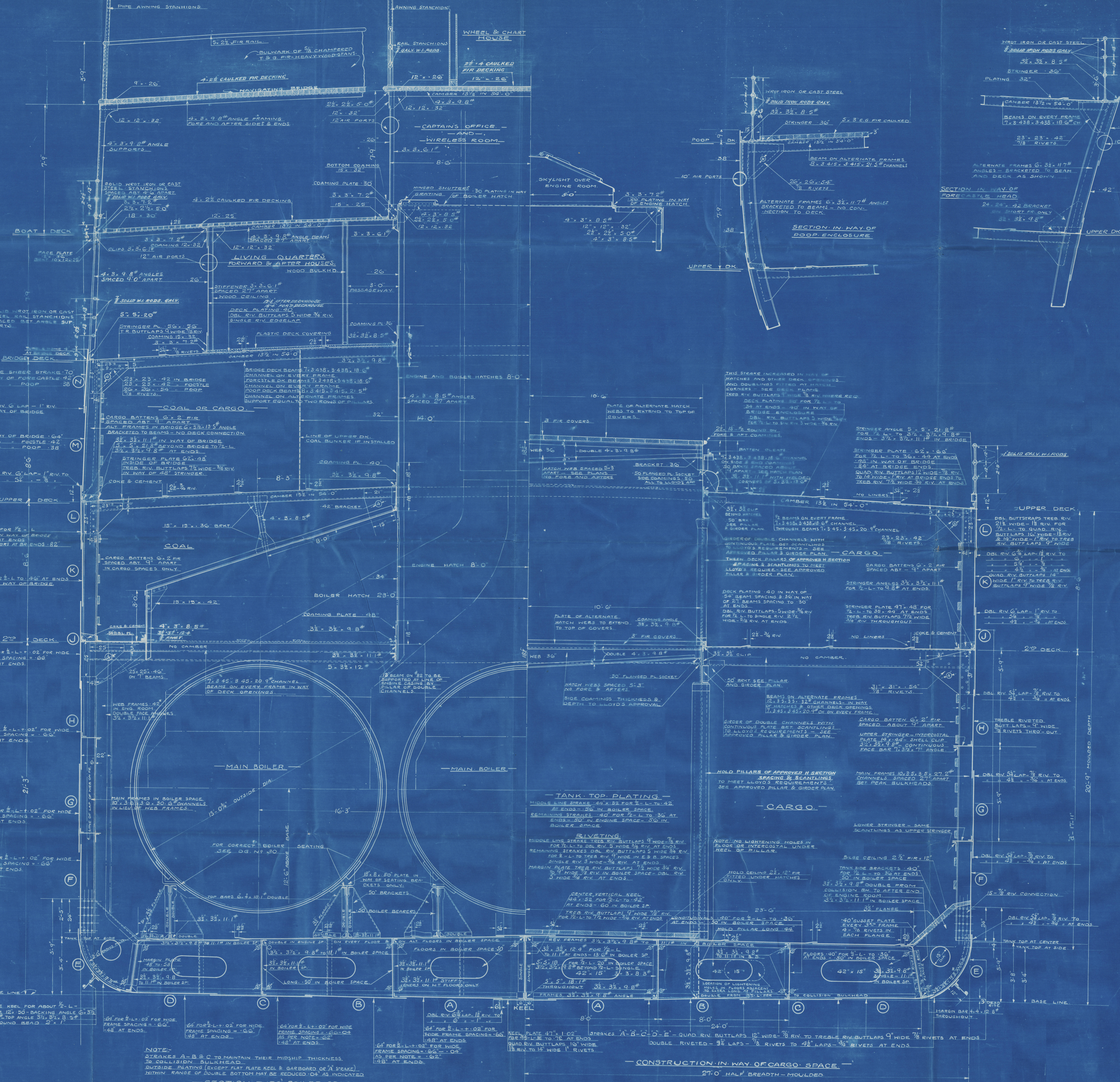
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— TO CLASS +100-A-1-LLOYD'S. —

— LLOYD'S NUMBERS. —

LENGTH PER RULE = 410.48  
BREADTH PER RULE = 52.00  
DEPTH PER RULE = 29.76  
2" = 17.92

1" NUMBER = 52 + 29.76 = 83.76  
2" = 83.76 + 410.48 = 34.375

— DIMENSIONS. —

1" = 410.48  
2" = 187.74 TO UPPER DECK  
3" = 410.48 + 10.73 = 421.21  
4" = 410.48 + 7.60

— EQUIPMENT NUMBER. —

USES ON BRIDGE DECK 37.25 x 7.75 = 4.8 x 6.9 x 1/2 = 221.85  
RECEIVE 47 x 8 = 376.0  
BRIDGE 118.75 x 8.6 = 978.2  
PROP 48.75 x 7.75 = 378.1  
1000.5 x 1/2 = 1267.88  
1234.75  
BURNING NUMBER 34875.00  
EQUIPMENT = 35866.75  
LETTER = 7

— EQUIPMENT. —

BOW ANCHORS STOCKLESS EARN 68-5 SWT.  
BOWER ANCHOR 54.50 x  
STEAM 22.00 x  
ROPE 9.10 x  
10 FATHOMS 2" STUD LINK CHAIN CABLE  
0-1 = 23" STEEL WIRE (STEAM)  
0-1 = 2" 70% HIRE  
HANSERS EACH 90 FT-4" HITCH OR 2 1/2" STEEL WIRE  
40-1 = 7 x 2 1/2

LENGTH OVERALL 427-0  
LENGTH MOVED 410-5 1/2  
BREADTH MOVED 50-0  
DEPTH MOVED TO UPPER DECK 29-0  
DESIGNED LOAD DRAUGHT 24-2

"Louis Noble"

HULL NO. 6.

MIDSHIP SECTION.  
8800-TON-DW-CARGO SHIP.

JOHN COUGHLAN & SONS,  
SHIPBUILDERS,  
VANCOUVER, B.C.

DRAWN BY TRACED BY CHECKED BY  
SCALE 1/2" = 1' FOOT. Dg. No. 56A  
DATE JUNE 17/1918.





John. Coughlan & Son  
Vessel No 6 "War Noble"  
Midships Section

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"Atlanticos"  
Vol 726.

"How Maryland"

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Lloyd's Register  
Foundation