

Ship No 966.

Midship Section.

Moulded Dimensions 406'-0" x 53'-6" x 30'-6" to Upper Deck.

Scale 1/2" = 1 Foot.

Norske Veritas class + I.A.I. 1/2 class 100 1/2

Summer Draft 26'-6" see fore and aft drawings.

Scantling Numbers.

Transverse No. $(\frac{1}{2} \times 15 + 2 + \frac{1}{2} \times 5) = 26.75 + 30.5 + 55.25 = 112.5$ 54
 Longitudinal No. $(\frac{1}{2} \times 15 + 2 + \frac{1}{2} \times 4) \times 2 + 112.5 \times 4040 = 45675$ 2400
 Topside No. $(\frac{1}{2} \times 15 + 2 + \frac{1}{2} \times 4) \times 2 \times (\frac{1}{10} \times 3 + 4) = 50677$ 10544

1/2 inch for increase tank side bulkhead 1/2 inch

Equipment Number.

$L \times (\frac{1}{2} \times 15 + 2 + \frac{1}{2} \times 5) = 45675$
 Transverse 406 x 80 x 2 = 6496
 Equipment No. = 52171 36802

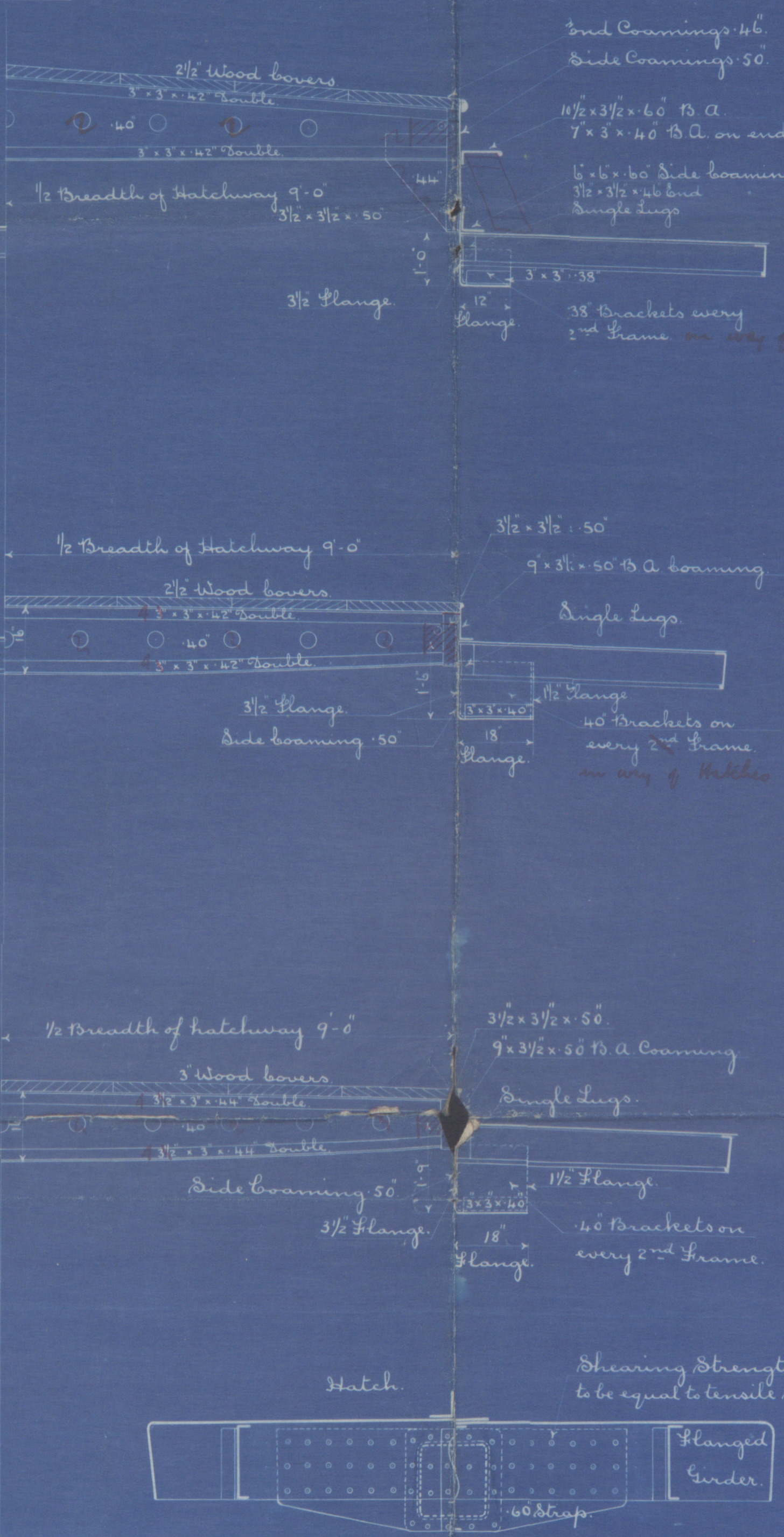
Equipment

1 Bower Anchor Stockless	72 1/4 cwt.
1 " " " "	72 1/4 " "
1 " " " "	49 " "
1 Stream Anchor Ex Stock	19 " "
1 Kedge Anchor	8 " "
270 Fathoms 2 1/2" Steel Chain Cable.	
90 " 5" Steel Wire.	
120 " 5 1/4" " "	
90 " 8" Hemp Hawser.	
90 " 7" " "	
90 " 7" " "	

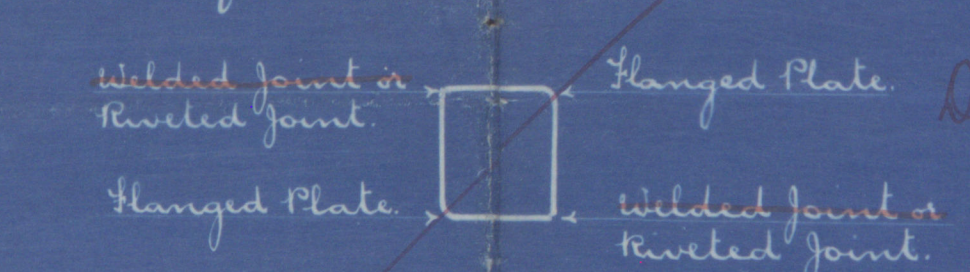
Equipment Letter = "CZ"

Riveting

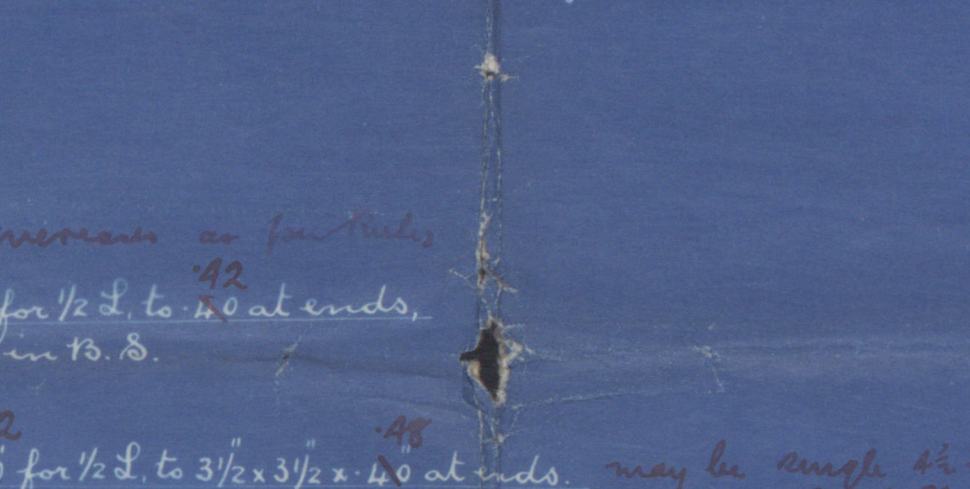
Sheerstrake Double Buttraps Double Riveted (Owner's requirements)
 Strake below Sheerstrake Quadruple Riveted overlaps for 1/2" to Triple at ends.
 Side Plating from upper turn of bilge to strake below sheerstrake
 Triple Riveted overlaps for 1/2" to Double at ends.
 Bottom Plating from keel to upper turn of bilge Quadruple
 Riveted overlaps for 1/2" to Triple at ends.
 Flat Plate Keel Quadruple Riveted overlaps all fore and aft.
 Shelter Deck Stringer Plate Triple Riveted overlaps for 1/2" to
 Double at ends.
 Upper and 2nd Deck Stringer Plates Double Riveted overlaps
 all fore and aft.
 Shelter Deck Plating Double Riveted overlaps for 1/2" to Single
 at ends.
 Upper and 2nd Deck Plating Double Riveted overlaps for 1/2" to
 Single at ends.
 Centre Girder Triple Riveted overlaps all fore and aft.
 Mangin Plate Triple Riveted overlaps for 1/2" to Double at ends.
 Middle Line Strake Triple Riveted overlaps for 1/2" to Double at ends.
 Tank Top Plating Double Riveted overlaps for 1/2" to Single at ends.
 W.T. Bulkhead Beams and Butts Single Riveted. See 14 Plan.
 Riveting of Oil Fuel Tanker to be submitted.



Plan of Buttraps to Pillar Girders.



Section through Square Pillar



See W. & A. ARNOLD, WHITEHALL & CO. LTD.
 NEWCASTLE-UPON-TYNE.
 No 441 DATE 30-5-19
 WALKER SHIPYARD

Received with letter from *Lloyds, London* Dated *4/7/1919.*

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Nº 1

MESSRS ARMSTRONG, WHITWORTH & CO. LTD.

NAVAL YARD

MIDSHIP SECTION.

Nº 966 SHIP

Navemar
EX

S.S. "FROBNER"

NEWCASTLE ON TYNE.

Report No. 74964

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