

Beams in way of Chilled Meat (top Deck only) 40-73 Frame
 1 Row 24-10 1/2 10 1/2 x 3 1/2 x 55 8 1/2 Beam Knees 30 x 46 6 7/8 Rivets
 2 Row 17-11 9 3/4 x 43 8 1/2 27 x 46 6 7/8
 3 Row 13-5 1/2 8 1/2 x 3 1/2 x 41 25 x 46 5 7/8

Upper Deck beams about 1/2 length ford
 1 Row 24-10 1/2 10 1/2 x 3 1/2 x 55 8 1/2 Beam Knees 30 x 46 6 7/8 Rivets
 2 Row 17-11 9 3/4 x 43 8 1/2 27 x 46 6 7/8
 3 Row 13-5 1/2 8 1/2 x 3 1/2 x 41 25 x 46 5 7/8

2nd Deck
 1 Row 27-3 11 x 3 1/2 x 54 8 1/2 Beam Knees 30 x 46 7 1/8 Rivets
 2 Row 18-2 8 1/2 x 40 25 x 46 5 7/8
 3 Row 13-7 7 1/2 x 36 22 1/2 x 46 5 7/8

3rd Deck
 1 Row 27-3 11 x 3 1/2 x 54 8 1/2 Beam Knees 30 x 46 7 1/8 Rivets
 2 Row 18-2 8 1/2 x 40 25 x 46 5 7/8
 3 Row 13-7 7 1/2 x 36 22 1/2 x 46 5 7/8

2nd Deck (under accommodation off)
 1 Row 27-3 9 x 3 1/2 x 51 8 1/2 Beam Knees 24 x 46 6 7/8 Rivets
 2 Row 18-2 7 1/2 x 36 22 1/2 x 46 5 7/8
 3 Row 13-7 7 1/2 x 36 21 x 5 3/4

All Beam Knees 3 times the Depth of Beam.

Plan of Hatch coamings to be submitted.

Deep Tank
 Parting
 Pillars & Girders

— PROFILE & DECK PLANS —

— OF A COMPLETE SUPERSTRUCTURE STEAMER —

— DIMENSIONS —

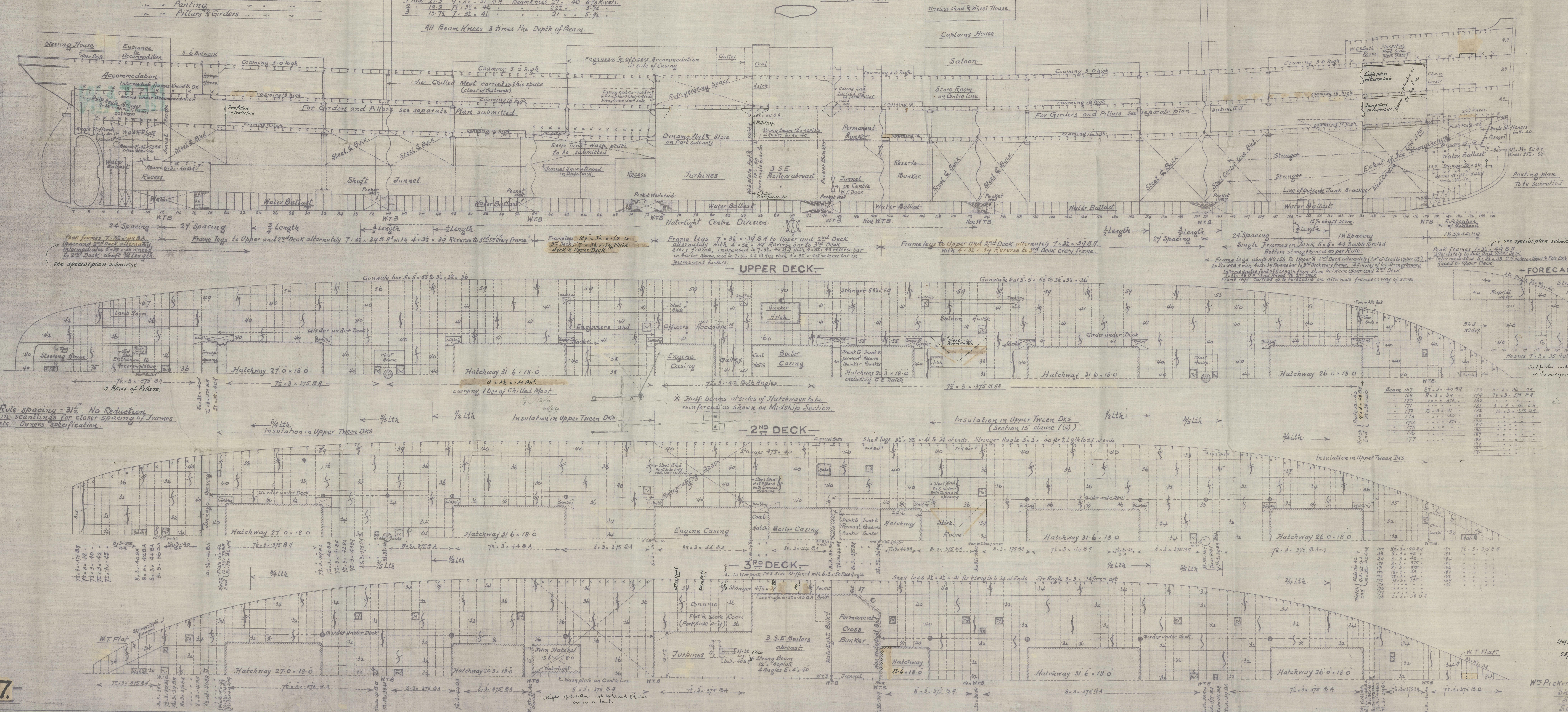
LENGTH L.W.L. 400'-0"
 BREADTH M.L.D. 55'-0"
 DEPTH M.L.D. 28'-9"

CLASS 100A LLOYDS, WITH NOTATION FOR ICE STRENGTHENING

SCALE 1/8" = 1 FOOT.

Upper Deck Beams 1/2 Length ford.
 1 Row 26-10 1/2 10 1/2 x 3 1/2 x 49 Beam Knees 30 x 46 6 7/8 Rivets
 2 Row 17-11 9 3/4 x 42 22 1/2 x 46 5 3/4
 3 Row 13-5 1/2 7 1/2 x 36 21 x 46 5 3/4

Forecastle Deck Beams
 1 Row 26-6 10 x 3 1/2 x 44 Beam Knees 30 x 45 6 7/8 Rivets
 2 Row 17-8 7 1/2 x 36 22 1/2 x 45 5 3/4
 3 Row 13-3 7 1/2 x 42 21 x 45 5 3/4



NOTE: — Rule spacing = 3 1/2". No Reduction in scantlings for closer spacing of frames etc. Owners specification.

| Beam | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 |
|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Beam | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 |
| Beam | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 | 8 1/2 x 3 1/2 |

SUNDERLAND

WM PICKERSGILL & SONS LTD

Nº 214

PROFILE AND DECKS

S.S. CAIRNGLEN ROK
(as built)

SUNDERLAND RPT. NO. 29313.

Sister vessel to "CAIRNESK"

W1143-0129



Lloyd's Register
Foundation