





DESCRIPTION OF INSULATION.	IN LOWER HOLDS.					IN 'TWEEN DECKS.				
	Air Space.	Outer Lining.	Non-conducting Material.	Thickness of ditto.	Inner Lining.	Air Space.	Outer Lining.	Non-conducting Material.	Thickness of ditto.	Inner Lining.
SIDES	none	1"	charcoal	11"	3/4"	none	1"	charcoal	11"	3/4"
OVERHEADING	"	3/4"	"	8"	3/4"	"	3/4"	"	8"	3/4"
BULKHEADS No. 1. F...	"	1"	"	9"	3/4"	"	1"	"	9"	3/4"
" " A...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" No. 2. F...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" " A...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" No. 3. F...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" " A...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" No. 4. F...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" " A...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" No. 5. F...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" " A...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" No. 6. F...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"
" " A...	"	1"	"	11"	3/4"	"	1"	"	9"	3/4"

RIBBAND, MAIN DECK 14'-0" x 3' pitch pine  
 Tank top 7" charcoal: two thicknesses of 1/4" W.P. T & G: insulating paper between  
 HATCHWAYS 6" charcoal, 3/4" inner lining: 1" outer lining: bottoms: 3/4" inner lining, 1" outer  
 FRESH WATER TANKS none  
 TUNNEL ✓  
 SNOW BOX ✓  
 Centre Keelson, Sides ✓ Top ✓ Side Keelson, Sides ✓ Top ✓  
 Bilge " Sides ✓ Top ✓ Web frames, Sides ✓ Face ✓  
 Bilge Stringers, Top ✓ Bottom ✓ Face ✓  
 Side " Top ✓ Bottom ✓ Face ✓  
 Hold or Orlop Stringer, Top for hold only 3 1/2" charcoal 1 1/4" T & G Bottom 3 1/2" charcoal 1 1/4" T & G Face 3 1/2" charcoal 1 1/4" T & G  
 Brackets Porting beam brackets Sides 1" Rail 1 1/2" T & G Face 1" Rail 1 1/2" T & G  
 Are insulated hatches fitted over timbers ✓ and manhole doors of tanks ✓  
 Are insulated plugs fitted in way of all sluices ✓ bilge suction ✓ sounding pipes ✓  
 Are insulated plugs fitted to ventilators ✓ to cargo ports ✓ in side insulation for examination of ship's side ✓  
 Are the bottoms, sides and coamings of all insulated hatches coated to prevent decay varnished & painted  
 Are portable boxes fitted in overheadings for replenishing side insulation ✓ and on tunnel tops ✓  
 What means, if any, are taken to protect the bottom insulation in way of hatchways 2" pitch pine doubling  
 Dimensions of cargo battens, on sides 2" x 2" on bottom 2 1/2" x 2 1/2" spacing 13"  
 Are these permanently fixed or portable portable in lower hold: fixed at sides & in special  
 Number of thermometer tubes in each chamber No 1 & 2 lower 4 each: No 1 & 2 tween decks 4 each chamber  
 Position of do. 30" & aft of each space P. & S.  
 Are the flanges and covers of thermometer tubes efficiently fitted ✓ Are all wood linings tongued and grooved ✓  
 Description and arrangement of trunkways or brine pipes for the distribution of cold No 2 hold & tween decks: cold  
 air delivery on port side & suction on starboard; also No 1 & 2 hold & tween decks  
 brine pipe circulation  
 Do any trunkways pass through water-tight bulkheads No are water-tight doors fitted 30" Ribb and efficiently insulated ✓  
 What means are adopted for closing the trunkways when carrying general cargo Trunkways confined to No 2 only

The foregoing is a correct description.

J. S. Scurry

Builders.

# PARTICULARS TO BE ENTERED IN REGISTER BOOK.

REFRIGERATING MACHINES.					System of (1) Refrigerating (2) Insulating the Chambers.	POWER.		INSULATED CARGO CHAMBERS.	
No. and whether Single or Duplex.	Makers.	Date of Construction.	System.	Type.		Cubic feet of air delivered per hour.	Ice melting capacity per 24 hours. Tons.	No.	Capacity.
1 Duplex 56 & 6-13-4	J. & E. Hall Ltd	1908	carb Anky	Hall	(1) Brine (2) charcoal		96	7	188.760

Fee Com. 3: 6: 0: 0: 0 (Fee applied for, 29/10/1908)

Travelling Expenses £ 1: 13: 0 (Received by me, 25.11.1908)

Committee's Minute GLASGOW 5-NOV. 1908

Assigned

+ R.M.C. 10.08

subject

A. J. Thomas  
 Surveyor to Lloyd's Register.  
 The insulation has been fitted under  
 special survey: the material and  
 workmanship being good, and eligible in  
 my opinion for a record of + R.M.C. 10.08  
 when spare gear has been checked in London.  
 The plant has been tried under full working  
 conditions & insulated chambers cooled down



Lloyd's Register  
Foundation

LR-F&F-TDS-145