Tonnage
Light Cor
Space 45·71

Length 140·
2nd Number 6195
Proportions— Breadths to Length 6·82
Depths to Length—Upper Deck to Keel 11·2
Main D. ditto

Residence Sower
Port belonging to Lon
Destined Voyage Lon
If Surveyed while building,

196·66
Engine Room 124·67
Tonnage 73·01

STEEL BRANDS.

CLYDESDALE STEEL Boiler. CLYDESDALE STEEL Fire Box. CLYDESDALE STEEL Special. S BRESTEEL Moulded.

Clydesdale Iron & Steel Works.

Feet. Inches. DEPTH Deck Beams Moulded

Horse. No. of Dec No. of Tie

Built at Blyth end 2nd Yard 1910 for Messrs T. W. Ward Ltd Sheffield

Built at CLYDESDALE IRON & STEEL COMPANY,

MAKERS OF STEEL BY SIEMENS' PROCESS AND MALLEABLE IRON
FOR BOILERS, BOILER TUBES, BRIDGES, SHIPS, AND OTHER PURPOSES.
ALL STEEL TESTED BEFORE LEAVING THE WORKS AND IRON WHEN SO ARRANGED.

Dimensions of Ship per Register, length 140·2 breadth, 23·7 depth, 11·2 near Glasgow.

Inches in thirds. Inches.

Keel, depth and thickness ... ... 7 x 2
Bar Keel, moulding and thickness ... ... 7 x 2
Stem Bar, moulding and thickness ... ... 7 x 2
Stern Frame, moulding and thickness ... ... 7 x 2
Sternpost for Boiler do. do. ... ... 7 x 2
Sternpost for Screw do. do. ... ... 7 x 2
Distance of Frames from moulding edge to moulding edge, all fore and aft 24
BRANDS
DS OF STAMPED SDALE" HEIR QUALITIES
Bar Angle Iron, for ⅛ length amidships 3 3
for ⅛ at each end 3 3
REVERSED FRAMES, Angle Iron 2½ 2½ 6½
Bulb Iron, depth and thickness of Floor Plate ... ... 12½ — 6
Bulb Iron for ⅛ length amidships ... ... 12½ — 6
Bulb Iron for ⅛ at each end, as Keel ... ... 12½ — 6
Web thickness at the ends of vessel ... ... 12½ — 6
Bulb Iron, depth at ¼ the keel both, as Keel ... ... 12½ — 6
Bulb Iron, depth at the Rule ... ... 12½ — 6
Bulb Iron, height extra ... ... 12½ — 6

STEEL

Number of Plates	Quality.	Length.	Breadth.	Thk.	Tons.	cwts.	qrs.	lbs.	Price.	£.	s.	d.
1	Mess Rs J Dunlop & Co Port Glasgow											
66	4	36	48½	½	2850			4220				

Lloyd's Register of British & Foreign Shipping.

CERTIFICATE FOR RECORD OF MATERIAL OF BOILERS.

Greenock Date 17th May 1910

Report No. 9122

Name of Ship S.S. "Satellite".

Material of Shell Plating Steel

Description of Longitudinal Seams top Steel bottom iron

Description of Stays Steel

Description of End Plates Steel

Description of Furnaces Steel

Description of Combustion Chamber Plating Steel

Description of Tubes Girders iron

A. C. Heron

ENGINEER-SURVEYOR TO LLOYD'S REGISTER.

Mason 1910
passed Hopps
J. S.
Shds. 3/2/10

Bulb Iron, Lower Deck
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Main, or Middle Deck
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Upper Deck
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Poop
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Bridge
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Forecastle
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Deck Houses
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Web Frames
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Water Ballast Tanks
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Coal Bunkers
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Cargo Holds
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Tanks
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Engine Room
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Boiler Room
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Shaft Tunnel
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Stringer Plate
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Beams
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Keelsons
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Tie
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Stringer Plate
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Outside Plating
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Inside Plating
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Bulkheads
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Deck Beams
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Frames
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Floors
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Keel
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Bar Keel
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Stem Bar
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Stern Frame
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Sternpost for Boiler do.
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Sternpost for Screw do.
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Frame
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Plating
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Trunk
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Post
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Stock
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Pintles
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Gudgeons
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Bearings
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Bushes
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Pins
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Bolts
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Nuts
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Washers
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Keys
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron
Angle or double Angle Iron on Upper Edge
Average space... ... ...

Bulb Iron, Rudder Screws