

IRON SHIP.

No. *8290* Survey held at *Port Glasgow* Date, First Survey *1st June* East Survey *6th Nov* 18*81*
On the *Screw Steamer "Hye" Keong*

TONNAGE under
Tonnage Deck
Ditto of Third, Spar,
or Awning Deck.
Ditto of Poop, or
Raised Qr. Dk.
Ditto of Houses
on Deck
Ditto of Forecastle

406.48
60.69
24.62
491.79
38.88
157.37
295.54

ONE, OR TWO DECKED, THREE DECKED VESSEL,
SPAR, OR AWNING DECKED VESSEL.

Half Breadth (moulded) *12.5*
Depth from upper part of Keel to top of Upper Deck Beams *13.33*
Girth of Half Midship Frame (as per Rule) *22.8*

1st Number *48.63*
1st Number, if a 3-Decked Vessel deduct 7 feet

Length *118.75*
2nd Number *8687*

Proportions— Breadths to Length *7.2*
Depths to Length—Upper Deck to Keel *13.4*

Main Deck ditto

Master *Hyon*
Built at *Port Glasgow*
When built *1882* Launched *29th Apr*
By whom built *Blackwood & Gordon*
Owners *Martin Turner & Co*
Residence *142 St Vincent St*
Port belonging to *Glasgow*
Destined Voyage *Singapore*
If Surveyed while Building, Afloat, or in Dry Dock,
While Building & afloat

LENGTH on deck as per Rule *178* 9 BREADTH Moulded *25* 0 DEPTH top of Floors to Upper Deck Beams *12* 2 1/2 Power of Engines *110* Horse. N° of Decks with flat laid *one* N° of Tiers of Beams *one*

Dimensions of Ship per Register, length *180.65* breadth *25.06* depth *12.2*

KEEL, depth and thickness *6 1/2 x 17/8*
STEM, moulding and thickness *6 1/2 x 3 3/4*
STERN-POST for Rudder do. do. *6 1/2 x 3 3/4*
" " for Propeller *6 1/2 x 3 3/4*
Distance of Frames from moulding edge to moulding edge, all fore and aft *18 1/2*

FRAMES, Angle Iron, for 1/2 length amidships *3 3/4 x 3 3/4*
Do. for 1/2 at each end *3 3/4 x 3 3/4*

REVERSED FRAMES, Angle Iron *2 1/2 x 2 1/2*

FLOORS, depth and thickness of Floor Plate at mid line for half length amidships *13 1/2 x 6*
thickness at the ends of vessel *13 1/2 x 6*
depth at 1/2 the half-bdth. as per Rule *13 1/2 x 6*
height extended at the Bilges *13 1/2 x 6*

BEAMS, Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron *2 1/2 x 2 1/2*
Single or double Angle Iron on Upper edge *2 1/2 x 2 1/2*
Average space *42*

BEAMS, Main, or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron *2 1/2 x 2 1/2*
Single or double Angle Iron on Upper Edge *2 1/2 x 2 1/2*
Average space *42*

BEAMS, Lower Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron *2 1/2 x 2 1/2*
Single or double Angle Iron on Upper Edge *2 1/2 x 2 1/2*
Average space *42*

BEAMS, Hold, or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron *2 1/2 x 2 1/2*
Single or double Angle Iron on Upper Edge *2 1/2 x 2 1/2*
Average space *42*

KEELSONS Centre line, single or double plate, *6 1/2 x 7*
on floor *6 1/2 x 7*
Intercoastal, Plates *7 1/2 x 7*
Rider Plate *7 1/2 x 7*
Bulb Plate to Intercoastal Keelson *7 1/2 x 7*
Angle Irons *3 1/2 x 3*
Double Angle Iron Side Keelson *3 1/2 x 3*
Side Intercoastal Plate *3 1/2 x 3*
do. Angle Irons *3 1/2 x 3*
Attached to outside plating with angle iron *3 1/2 x 3*

BILGE Angle Irons *3 1/2 x 3*
do. Bulb Iron *3 1/2 x 3*
do. Intercoastal plates riveted to plating for length *3 1/2 x 3*

BILGE STRINGER Angle Irons *3 1/2 x 3*
do. Intercoastal plates riveted to plating for half length *3 1/2 x 3*

SIDE STRINGER Angle Irons *3 1/2 x 3*
do. Bulb Iron *3 1/2 x 3*
do. Intercoastal plates riveted to plating for half length *3 1/2 x 3*

The FRAMES extend in one length from *Keel* to *gunwale*

The REVERSED ANGLE IRONS on floors and frames extend *from* middle line to *Bilge Stringer* and to *gunwale* alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? *Yes* And butts properly shifted? *Yes*

PLATING. Garboard, double riveted to Keel, with rivets *7/8* in. diameter, averaging *3 1/2* ins. from centre to centre.

Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets *3/4* in. diameter, averaging *3 1/2* ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets *3/4* in. diameter averaging *3 1/2* ins. from centre to centre.

Butts of *one* Strakes at Bilge for *half* length, treble riveted with Butt Straps *1/16* thicker than the plates they connect.

Edges from Bilge to Main Sheerstrake, worked clencher, *double* or single riveted; with rivets *3/4* in. diameter, averaging *3* ins. from cr. to cr.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets *3/4* in. diameter, averaging *3* ins. from cr. to cr.

Edges of Main Sheerstrake, *double* or single riveted. Upper Sheerstrake, *double* or single riveted.

Butts of Main Sheerstrake, *double* riveted for *whole* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted *1* length amidships.

Flat Keel Plates, breadth and thickness *30* 12
PLATES in Garboard Strakes, br'dth & thickness *41* 9

From Garboard to upper part of Bilges *7* 7
Of d'bling at Bilge, or increased thickness, and length applied *one* *Shake* *no* *1/16* *for* *7/8* *8* 8

From up. prt of Bilge to lr. edge of Sh'rstrake *7* 7
Main Sheerstrake, breadth and thickness *33* 11
Of d'bling at Sh'stk. & lng. applied *33* 11

From M'n. to Up. or Spar Dk. Sh'rstrake *33* 11
Up. or Spar Dk Sh'rstrake, br'dth & thickn'ss *33* 11
Butt Straps to outside plating, breadth & thickness *33* 11

Lengths of Plating *2* 8
Shifts of Plating, and Stringers *2* 8
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness *42* 8

Angle Iron on ditto *3 1/2 x 3 x 6*
Tie Plates fore and aft, outside Hatchways *8* 7
Diagonal Tie Plates on Beams No. of Pairs *8* 7

Flat of Up., Spar, or Awning Dk. *Yellow Pine* *3 1/2* 3 1/2
How fastened to Beams *G. Strakes & ribs* *8* 8
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness *8* 8

Is the Stringer Plate attached to the outside plating? *Yes*
Angle Irons on ditto, No. *8* 7
Tie Plates, outside Hatchways *8* 7

Diagonal Tie Plates on Beams, No. of pairs *8* 7
Flat of Middle Deck* do. do. *8* 7
How fastened to Beams *8* 7

Stringer Plates on ends of Lower Deck, Hold or Orlop Beams *8* 7
Is the Stringer Plate attached to the outside plating? *Yes*
Angle Irons on ditto, No. *8* 7

Stringer or Tie Plates, outside Hatchways *8* 7
Flat of Lower Deck* *8* 7

Ceiling betwixt Decks, thickness and material *2* 2
in hold do. *Red Pine* *2 1/2* 2 1/2
Main piece of Rudder, diameter at head *4 1/2* 4 1/2

do. at heel *2 1/2* 2 1/2
Can the Rudder be unshipped afloat? *Yes*
Bulkheads No. *Four* No. per Rule *Four*

Thickness of *4 1/2*
Height up *upper deck*

How secured to sides of ship *Double Frames*
Size of Vertical Angle Irons *2 1/2 x 2 1/2* and distance apart *30* ins.

Are the outside Plates doubled two spaces of Frames in length? *Yes*

Riveted through plates with *3/4* in. Rivets, about *one* apart.

And butts properly shifted? *Yes*

No. of Breasthooks, *Five* Crutches, *Three*

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *Good*

Manufacturer's name or trade mark, *Plates - Foxhead & Co angles Stockmiller & Co*

The above is a correct description.

Builder's Signature, *Blackwood & Gordon* Surveyor's Signature, *Dawson*

Surveyor to Lloyd's Register of British and Foreign Shipping.

