

MIDSHIP SECTION.

SCALE $\frac{1}{2}$ " = ONE FOOT.

DIMENSIONS 250'-0" x 38'-0" x 12'-0" MLD. TO UPPER DECK.

CLASSED "A1" WITH FREEBOARD CORRESPONDING TO FULL DRAFT OF 7'-6".
FOR SERVICE BETWEEN RAMESWARAN AND TALAIMANAAR.

Equipment Number.

L x (B+D) =	250 x 50 =	12500.
Forecastle =	37 x 8 x .75 =	222.
E & B Casing =	50 x 8 x .5 =	200.
Officers' House =	22.92 x 7.5 x .5 =	86.
Midship "	= 31.25 x 7.5 x .5 =	117.
	Total	= 13125.

Equipment.

2	Stockless Anchors	28cwt. each.
1	Stream Anchor	7cwt.
165	Fms. 1 1/4" Stud Chain Cable.	
75	" 3 3/4" Steel Wire.	
90	" 10" Manila Hawser.	
90	" 6" "	"
90	" 5" Warp.	

Note.

The Shell Plating from KEEL to BULWARKS
Inclusive Galvanized by the Hot Process.

Riveting.

Butts of Keel Plate Treble Riveted Throughout.
 " " Garboard Strake Treble Riveted For $\frac{2}{3}$ L. Double at Ends.
 " " Shell " " " " " "
 " " Upper Deck Stringer " " " " " "
 " " Promenade & Cabin Deck Stringer Double Riveted.
 " " Tie Plates on Upper & Promenade Dks. " "
 Landings of Shell Plating Double Riveted.

Table of Owners Scantlings in E & B Space.

Floors in Engine Space.	37.
" " Boiler "	44.
Centre Keelson in Engine Space.	33.
" " " Boiler "	44.
Foundation Plate in Engine Space	33.
" " " Boiler "	44.
Side Keelson in Engine Space.	33.
" " " Boiler "	44.
Bottom Frames in Engine "	3' x 2½' x 37.
" " " Boiler "	3' x 2½' x 44.
Centre Keelson Bottom Angles in Engine Space.	3' x 3' x 37.
" " " " Boiler "	3' x 3' x 47.
" " Top " " Engine "	4' x 3' x 33.
" " " " Boiler "	4' x 3' x 44.
Floor Lugs in Engine Space	2½' x 2½' x 28.
" " " Boiler "	2½' x 2½' x 38.
Side Keelson Top Angles in Engine Space.	5' x 3' x 44.
" " " " Boiler "	5' x 3' x 55.
" " Shell Lugs " " Engine "	3' x 2½' x 28.
" " " " Boiler "	3' x 2½' x 38.
Reverse Frames in Engine Space.	2½' x 2½' x 37.
" " " " Boiler "	3' x 2½' x 44.
Boiler Bearers	3' x 3' x 44.
Main Frames in Boiler Space & Bunkers.	6' x 3' x 42.



Midship Section
Vessel as built

T. S. S. "Irwin"

Messrs. J. W. Henderson & Co.

Nº. 859 M.

"Irwin"

GLASGOW REPORT Nº 49593

