

# ~~IRON OR~~ STEEL STEAMER.

No. 47114

WED. 8 JUN 1964

Port of Newcastle Date of completion of Report 4<sup>th</sup> June 1904 Received at London Office WED. 8 JUN 1904  
Survey held at Newcastle Date, First Survey 12<sup>th</sup> October 1903 Last Survey 31<sup>st</sup> May 1904  
On the Steel S.S. "Rome" Rig Chromed 3 masts

**TONNAGE under }** **2830.36**  
**Tonnage Deck... }**  
*Do. between Tonnage Dk. }*  
*and 3rd, 4th, Spar or }*  
*Awning Dk. }*

Total under Upper Dk.	
Do. of Poop	43.85
Do. of Bridge House	60.38
Do. of Forecasts	45.61
Do. of Houses on Deck	1.70
Do. of Houses	3.26
Do. of Hatches	19.30
Do. of Crown of } Room .. }	30.39.26
Space	12.68
Do. of Crown of } Room .. }	19.90
GR FEES...	8896.01
Room	972.56
tion Spaces	43.33

**Fonage** } 1899-32  
**Beam....** }

~~SPAR, AWNING OR PART AWNING-DECKED VESSEL,~~  
~~or a Vessel having a continuous Shade Deck.~~

CLASS 100.A.1

Half Breadth (moulded) .....	20.62
Depth from upper part of keel to top of Main Deck Beams .....	22.50
Girth of Half Midship Frame (as per Rule) .....	39.58
1st Number .....	82.40
Length .....	308.33
2nd Number .....	255.00
Proportions—Breadths to Length .....	4.44
Depths to Length—Main Deck to top of Keel .....	13.91

Master *A. Gray*

Year of Appointment { (1) As Master in service of  
owner of present vessel:—18  
(2) As Master of this  
vessel:—1890

Built at *Newcastle*

When built *1884* Launched *1884*

By whom built *W. & A. Armstrong & Co. Ltd.*

Owners *Purmah Oil Co. Ltd.*

Managers ✓

(Where necessary to be entered in Reg. Book.)

Residence *Rangoon*

Port belonging to *Rangoon*

Destined Voyage Manila If Surveyed while Building, Afloat, or in Dry Dock By

on Deck	Feet.	Inches.	<b>BREADTH</b>	Feet.	Inches.	<b>DEPTH</b> , top of Floors to Spar or Awn. Dk. Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid
.....	308	4	Moulded.	41	3	Do. do. Main Deck Beams	22	5 1/2			No. of Tiers of Beams
of Ship per Register, Length 309.5 breadth 41.5 depth 22.5 Spar or Awn. Dk. Moulded depth, ft 21 ins. 8 To Main Dk. Round up of Beam, Main Dk. 10 ins.											

FRAMING.				FORGINGS AND CASTINGS.				Inches in Ship.		Inches per Rule.		
	Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.		Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.		Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.	
Angles, or L or C Bars, for 1/2 length amidships	6	3 1/2	11	6	3 1/2	11			10	2 1/4	10	2 1/4
1/2 at each end	6	3 1/2	10	6	3 1/2	10			10	2 1/4	10	2 1/4
way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8	3 1/2	3 1/2	8			8 1/2	6	8 1/2	6
" " at intermdt. Blts.	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" of Frames from moulding edge to ing edge, all fore and aft	3 1/2	3 1/2	8	3 1/2	3 1/2	8			8 1/2	6	8 1/2	6
ED FRAME, Angles.	3 1/2	3 1/2	8	3 1/2	3 1/2	8			8 1/2	6	8 1/2	6
FRAMING, depth of girder	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
, depth and thickness of Floor Plate	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
at mid-line for 1/2 length amidships	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
way of Engines and Boilers	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
thickness at the ends of vessel	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
pth at 1/2 the half-bdth. as per Rule	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
ight extended at the Bilges	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
& BRACKETS, in Cell Dble Bottoms	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" Distance apart	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
GIRDER, in Double bottom, depth and thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" Angles, Top	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" Bottom	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
RDERS, number and thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Angles	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
PLATE, depth (exclusive of flange) and thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Angles	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
BOTTOM PLATING, breadth and thickness of Middle Line Strake	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
, thickness in Engine and Boiler space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Remainder in Holds	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Spar, or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
es on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
age space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
es on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
age space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
es on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
age space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Hold, or Orlop, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
es on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
age space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
oop Deck, Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Angles on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Average space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Angles on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Average space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
es on upper edge	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
age space	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
In tween Deck, size and spacing	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" Hold	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
Quarter, tween Dks., "	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" in Hold	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
MES, In Fore Body, No. and spacing	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" " brdth. & thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
of Side Stringers	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
MES, In E. & B. Space, No. & spacing	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" " brdth. & thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
MES, In After Body, No. and spacing	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
" " brdth. & thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
of Side Stringers	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
of Angles on Tee Bars to Wel Frames	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
PLATES to Stringers between	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6
mes, depth and thickness	2 1/2	2 1/2	8	2 1/2	2 1/2	8			8 1/2	6	8 1/2	6

FORGINGS AND CASTINGS.				Inches in Ship.		Inches per Rule.		
	Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.		Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.	
KEEL, Bar or Side Plates, depth and thickness	10	2 1/4	10	2 1/4	10	2 1/4	10	2 1/4
STEM, moulding and thickness	10	2 1/4	10	2 1/4	10	2 1/4	10	2 1/4
STERN-POST for Rudder do. do.	10	2 1/4	10	2 1/4	10	2 1/4	10	2 1/4
" " for Propeller	10	2 1/4	10	2 1/4	10	2 1/4	10	2 1/4
MAIN PIECE of Rudder, diameter at head	8 1/2	6	8 1/2	6	8 1/2	6	8 1/2	6
do. at heel	6 1/2	4	6 1/2	4	6 1/2	4	6 1/2	4
RUDDER, how constructed	Forged Iron, Single Plate 2 1/2 x 20							
Can the Rudder be unshipped afloat?	No							
KEELSONS AND STRINGERS.								
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Rider Plate	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Bulb Plate to Intercoastal Keelson	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Horizontal Plates on Floors	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angles	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
SIDE KEELSON, Angles	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Bulb or Plate above floors	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Intercoastal Plate, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Attached to outside plating with Angle	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
BILGE KEELSON, Angles	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Bulb or Plate above floors, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Intercoastal Plate, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Attached to outside plating with Angle	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
BILGE STRINGER Angles	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Bulb Plate, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Intercoastal Plate, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Attached to outside plating with Angle	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
SIDE STRINGER Angles	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Bulb or Intercoastal Plate, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Attached to outside plating with Angle	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Spar, or Awning Deck Stringer Plates, breadth and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angle on ditto	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates, fore and aft, outside Hatchways	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Diagonal Tie Plates, No. of pair	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, * Iron or Steel, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Wood Deck, Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Main Deck Stringer Plate, breadth & thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angles on ditto, No. (1)	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates, outside Hatchways	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Diagonal Tie Plates, No. of pair	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, * Iron or Steel, for Full length	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Wood Deck, Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Lower Deck Stringer Plates, breadth & thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angles on ditto, No. (1)	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates, outside Hatchways	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, * Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Hold, or Orlop Stringer Plate, breadth & thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angles on ditto, No. (1)	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates, outside Hatchways	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Poop Deck Stringer Plate, breadth & thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angles on ditto	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates (and pair-plated)	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Bridge Deck Stringer Plate, breadth & thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angle on ditto	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates (and pair-plated)	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
Forecastle Deck Stringer Plate, breadth & thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Angle on ditto	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Tie Plates (and pair-plated)	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
" Deck, Material and thickness	Inches in Ship.		Inches in Ship.		10ths or 20ths in Ship.		Inches per Rule or as Approved.	
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.								
BULKHEADS.				STIFFENERS.				
Number.		Thickness.		Single or Double Frames.		Height up.		
In Vessel. Per Rule.		Inches.		Inches.		Inches.		
W. T. BULKHEADS		11-11		10-8-1/2		2-1/2		
PARTITION		1-1		11-8		2-1/2		
LONGITUDINAL		1-1		11-8		2-1/2		
Are the outside Plates doubled two spaces? Frames in lower part of bulkheads								



STRAKES.	PLATING.				RIVETING.			
	AS IN SHIP.		PER RULE OR AS APPROVED.		EDGES.		BUTTS.	
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	Single or Double.	Breadth of Lap.	RIVETS.	IF LAPPED.
FLAT PLATE KEEL	48	16	12	12	Double	2 1/4	3 1/2	Head
Garboard or A Strake	60	12	11	11	"	2 1/4	4 1/8	3
B "	64	11	9	9	"	"	"	"
C "	61	12	9	9	"	"	"	"
D "	60	11	9	9	"	"	"	"
E "	60	12	9	9	"	"	"	"
F "	60	11	9	9	"	"	"	"
G "	60	12	9	9	"	"	"	"
H "	53	11	9	9	"	"	"	"
I "	42	13	9	9	"	"	"	"
Main Sheer	40	10	8	8	"	"	"	"
K "	40	13	9	9	"	"	"	"
L "	40	13	9	9	"	"	"	"
M "	Boss and hood and plates as per Rules							
N "								
O "								
P "								
Q "								
DOUBLING OF PLATE KEEL	Length and thickness of Sheerstrakes 25 feet x 1/20 at fore end, and 25 feet x 1/20 at after end of Bridge							
Length and thickness of Strake below								
POOP SIDES	48							
BRIDGE SIDES	48							
FORECASTLE SIDES								

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *James Martin Steel*

Spar or Lining Butts, treble riveted for *3/4* length amidship.

Stringer Plate Butts, single, double or overlapped for *Full* length amidship.

Main Stringer Butts, treble riveted for *3/4* length amidship.

Plate Butts, single, double or overlapped for *Full* length amidship.

Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted?

Inner Bottom Plating, riveting of Edges *Double* Butts *Double*

Centre Girder Butts, *Double* riveted Keelson Butts, *Double* riveted.

Frames, riveted through Plates with *3/8* in. Rivets, about *6* apart.

Rivets, state whether Iron or Steel *Iron*

FRAMES extend in one length from *Centre line* to *Main deck, Spar deck, Poop & Fore* as per plans

REVERSED FRAMES on floors and frames extend from *Built angle frames & reverse bars as per appd. plans*

MASTS, SPARS, &C.									
	Material.	Total Length.	DIAMETER AND THICKNESS		No. of Plates in round.	ANGLES.		RIVETING.	
			Heel.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS....									
Fore .....	Steel	63.6	20 x 20 x 1/20	15 x 1/20	2	"	"	Single	Double
Main .....	Steel	63.6	20 x 20 x 1/20	15 x 1/20	2	"	"	Single	Double
Mizen .....	Wood								
Booms									
Topmasts, and Remainder of Spars	Steel								
Rigging, Material and Size, Shrouds	3" Steel wire, 1" & 2" Main								
Sails.	Good	Suit of one							
			Sails, and the following spare sails						

EQUIPMENT No. 30855 LETTER u ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY RULE.		Description of Anchor.	Makers.
		Cwts.	lbs.	Cwts.	lbs.	Cwts.	lbs.		
51591	1st Bower	44	11	2	1	38	19	0 21 80	Rodgers
51596	2nd "	48	2	22	8	8	0 33	2 0	do
51598	3rd "	38	1	0	9	2	8 34	13 0 14 31	do
	Collect weight	126	0 21			104	0 21		do
51616	Stream	11	1	0	8	0	4 13	2 2 0 11	do
51617	Kedge	5	2	2	1	2	7 8	0 2 14 5	do
	2nd Kedge								do

CHAIN CABLES. HAWSERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.
			Cwts.	lbs.					
36394	135	1 1/2	67 1/2	13 1/2	135	1 1/2	James McNeil & Co.	4/5/04	TOWLINE (2) 100 4 33 100 4
36114	135	1 1/2	67 1/2	13 1/2	135	1 1/2	"	4/5/04	HAWSER (2) 90 2 1/2 90 2 1/2
2401	230	2 1/2	100 1/2	20 1/2	230	2 1/2	"	4/5/04	WARP (1) 90 10 0 90 6
									(2) 90 6 8

Boats *4 and 1/2*

Pumps, Number *As per approved plans*

Windlass is *Steam Patent*

Engine Room Skylights.—How constructed? *Steel casings and top*

What arrangements for deadlights in bad weather? *Strong glass bullseyes &c*

Coal Bunker Openings.—How constructed? *Steel casings and top*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Scuppers: 3 ports 30", 21" & 14" Bulwarks port open*

Ceiling in Holds, thickness and material *2" channel iron, Ceiling 2" between decks, thickness and material 2" pine*

Cargo Hatchways.—How formed? *2" channel iron, Steel covers &c*

State size No. 1 Hatch (Forward) *10, 0 x 8, 0* No. 2 Hatch *10, 0 x 8, 0* No. 3 Hatch *10, 0 x 8, 0* No. 4 Hatch *10, 0 x 8, 0*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *The wood for 1st & 2nd in No. 1, Hatch*

No. of Breasthooks *5*

No. of Crutches *5*

Bulwarks, height above deck and description *5, 9" Steel*

Main Rail, material and size *4", 5" bar*

The above is a correct description.

Builder's Signature (here only.) *James M. Neil & Co.*

Surveyor's Signature *James M. Neil & Co.*

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

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *13/3/03 8/4/03; 20/4/03; 23/4/03; 29/4/03; 28/5/03; 8/6/03; 5/8/03; 11/9/03; 21/4/04*

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes*

Do any rivets break into or through the seams or butts of plating? *A very few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

General Remarks (State quality of workmanship, &c.) *This Steel Screen Steamer has been constructed in accordance with the approved amended Midship section forwarded to London on the 3rd instant and plans attached, the Registrar's letters and in other respects with the Rules to class 100A.1 Steel spar deck, carrying Petroleum in bulk, and the materials and workmanship throughout are good.*

*The oil tanks, Copper dunnage, Ballast tanks, and oil fuel bunkers have been tested by water pressure as required by the Rules and found efficient. The pumps, twice valves &c. have been examined and found in good working order.*

*This steamer is a sister vessel to the S.S. "Singu" Newcastle report N° 46263.*

The Surveyor should state the Number of Report and Name of any Sister Vessel. *as above*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *29* ft., R.Q.D. or Break *4* ft., Bridge Dk *24* ft., Forecastle *35* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *—*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *1st (Steel) & Spar (Steel) & Web frames*

Official No. *✓*; Signal Letters *✓*

How are the surfaces preserved from oxidation? Inside *Cement & Paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system									
Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.				
Double bottom, aft.	✓		Fore peak tank.	21	140				
Double bottom, forward.	✓		After peak tank.	8	20				
Double bottom, under Engines and Boilers.	✓		Midship deep tank.	✓					
Double bottom, if under Engines only.	✓		Other tanks, if fitted.	✓					
Double bottom, if under Boilers only.	32	48	(If necessary, furnish further information by sketch.)						

State whether the above have been tested as required by the Rules. *Yes*

Order for Special Survey No. *2510*

Date *23.9.03*

Order for Ordinary Survey No. *18*

Date *11.6.04*

No. *449* in builder's yard

1st. On the several parts of the frame, when in place, and before the plating was wrought *1903 Oct. 12, 13, 20, 26, Nov. 27, 28, 29, Dec. 13, 14, 15, 16, 21, 23*

2nd. On the plating during the process of riveting *1904 Jan. 6, 7, 12, 19, 22, 27, 28, Feb. 3, 10, 15, 17, 19, 23, 24, Mar. 1, 4, 11, 16*

3rd. When the beams were in and fastened, and before the decks were laid *21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, Apr. 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31*

4th. When the ship was complete, and before the plating was finally coated or cemented *May 16, 1904, 25, 26, 27, 31*

5th. After the ship was launched and equipped

Total No. of Visits *61*

The amount of Entry Fee *£ 5*

Special Survey Fee *£ 97 8*

Travelling Expenses, if any *£*

Fees applied for, *1 JUN 1904*

Received by me, *11.6.04*

Certificate to be sent to *Newcastle-on-Tyne*

I am of opinion this Vessel should be Classed *\*100A.1 Steel Spar deck*

With, or without Freeboard, as condition of Class *Without carrying Petroleum in bulk*

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

Committee's Minute *FRI. 10 JUN 1904*

Character assigned *100A.1 Steel, spar deck*

*Carrying petroleum in bulk + L.M.B. 6.04 elec. light*

*Lloyds 246.P*

*fixed for liquid fuel box*

Certificates Issued. *14/04*

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