

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London Office SAT NOV 2 1917.

Date of completion of report 23 NOV 1917  
Survey held at Sunderland.

State if Report is also sent on the Machinery of the Vessel *Yes*

Port of *Sunderland.*

No. 27097

Date, First Survey 21 Jan'y 1916

Last Survey

2nd Nov. 1917

On the (State if Single, Twin, or Triple Screw) *S.S. "MENDOCINO"*

Rig *Schooner.*

TONNAGE under 6366.30

CLASS *100A.1.*

FEET.

Master

Year of appointment

(1) As Master in service of  
owner of present vessel—191  
(2) As Master of this  
vessel—191

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded)

56.66

Built at *Sunderland*

When built

1917

Launched 22 Jan'y 1917

By whom built

*C. J. Haing Russell*

Owners

*W. H. Lyneux Cohan*

Managers

*H. B. Moss & Co.*

Residence

*London*

Port belonging to

*London*

Do. of Poop

298.83

Do. of R. Q. Dk. Side houses

8.79

Do. of Bridge House

40.20

Do. of Forecastle

72.35

Do. of Houses on Dk.

87.62

Do. of excess of Hatchways

98.9

Do. above Crown of

Engine Room

Gross Tonnage

6972.99

Less Crew Space

178.91

Less above Crown of

Engine Room

TONNAGE FOR FEES

6695.18

Less Engine Room

2231.36

Less Navigation Spaces

148.60

Longitudinal Number

38105

Depth "d," at middle of length (See Secs. 2 & 13)

Proportions—Depths to Length—Upper Deck Beam at

12.87

side to top of keel

Long Bridge Deck

Beam at side to top of keel

Register Tonnage

4414.12

Destined Voyage

*N* Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
425	0		56	8		Do. do. do. Second Dk. Beams	33	14	2
							25	44	No. of Tiers of Beams 2
Moulded depth, ft. ins. To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.									
To Upper Dk.									
Dimensions of Ship per Register. Length 425.0 breadth 57.0 depth 33.1									
FRAMING.						PILLARS.			
FRAME, Angles or Bars amidships						PILLARS In 'tween Deck, size and spacing			
Do. in peaks						" Hold			
Do. in way of Double Bottoms at Solid Floors						" Quarter 'tween Dks.,			
" at intermdt. Bkts.						" in Hold			
Spacing of Frames from centre to centre amidships						KEELSONS & STRINGERS.			
" from # length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above			
" in peaks						" Rider Plate			
REVERSED FRAME, Angles						" Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors						" Horizontal Plates on Floors			
" at intermdt. Bkts.						" Angles or Bulb Angles			
FRAMING, depth of girder						SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate						" Angles or Bulb Angles			
" at mid-line for # length amidships						" Plate above floors, for length			
" in way of Engine and Boiler Spaces						" Intercoastal Plate, for length			
" thickness at the ends of vessel						" Attached to outside Plating with Angle			
" depth at 1/4 the half breadth, as per Rule						BILGE KEELSON, Angles			
" height extended at the Bilges						" Intercoastal Plate, for length			
FLOORS in Cell. Double Bottoms						" Attached to outside Plating with Angle			
" state if flanged (top & bottom)						SIDE STRINGERS, Number			
" Spacing of Solid floors						" Angle			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.						" Intercoastal Plate, for length			
" Angles, Top						" Attached to outside plating with Angle			
" Bottom						Upper Deck Stringer Plate, br'dth & thickness			
" to Floors						" (clear of Bridge)			
" Brackets at intermdt. frng. width & thcknss						" br'dth & thickness			
SIDE GIRDERS, number on each side & thickness						" (in way of Bridge)			
" state if flanged (top and bottom)						" Angle (clear of Bridge)			
" Angles (top and bottom)						" Tie Plate at sides of Hatchways			
" to Floors						" Deck. * Iron or Steel, for			
MARGIN PLATE, depth (exclusive of flange)						" Thickness (clear of Bridge)			
" and thickness						" (in way of Bridge) plating			
" Angle to Outside Plating						" Wood Deck. Material & thickness			
" at transverse						Second Deck Stringer Plate, br'dth & thickness			
" Floors						" Angles on ditto, No.			
" Brackets at intermdt. frng. width & thcknss						" Tie Plates outside Hatchways			
" Height of Outside Brackets above at bilge						" Deck. * Iron or Steel, for			
INNER BOTTOM PLATING, breadth and						" Wood Deck. Material & thickness			
thickness of Middle Line Strake						Third Deck Stringer Plate, br'dth & thickness			
" in Engine and Boiler space						" Angles on ditto, No.			
" Remainder in Holds						" Tie Plates, outside Hatchways			
BEAMS, Upper Deck, Single Angle, Bulb						" Deck. * Material and thickness			
" Angle, Plate, Tee Bulb, or Channel						Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" In way of Long Bridge						" Angles on ditto, No.			
" Spacing						" Tie Plates outside Hatchways			
BEAMS, Second Deck, Single Angle, Bulb						" Deck. Material & thickness			
" Angle, Plate, Tee Bulb, or Channel						Poop Deck Stringer Plate, breadth & thickness			
" Spacing						" Angle on ditto			
BEAMS, Third and Fourth Deck, Single Angle						" Tie Plates			
" Bulb, Angle, Plate, Tee Bulb, or Channel						" Deck. Material and thickness			
" Angles on upper edge						Bridge Deck Stringer Plate, br'dth & thickness			
" Spacing						" Angle on ditto			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate						" Tie Plates			
" Tee Bulb, or Channel						" Deck. Material and thickness			
" Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns			
" Spacing						" Angle on ditto			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate						" Tie Plates			
" Tee Bulb, or Channel						" Deck. Material and thickness			
" Angles on upper edge						" If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.			
" Spacing									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate									
" Tee Bulb, or Channel									
" Angles on upper edge									
" Spacing									



[illegible]

EQUIPMENT No. 39385				LETTER A+				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS.			
Number of Certificate.	Anchor.	WEIGHT, EX STOCK. Cwts. qrs. lbs.	WEIGHT OF STOCK. Cwts. qrs. lbs.	TEST, PER CERTIFICATE. Tons. cwts. qrs. lbs.	WEIGHT REQUIRED BY TABLE 31. Cwts. qrs. lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.							
22113	1st Bower ...	68 3 0	Stockless	53 1 3 14	68 0 0	Stockless	W.H. Brown & Co. Sunderland	23/8/17	J.P. Hopper						
22106	2nd " ...	68 2 14	do	53 1 3 14	68 0 0	do	do	21/8/17	do						
22094	3rd " ...	59 0 7	do	47 16 2 7	58 2 0	do	do	17/8/17	do						
	4th " ...														
	Collective weight.	196 1 21			194 2 0										
23113	Stream .....	19 0 14	5 0 14	19 19 2 21	19 0 0	Rodgers	Rhyker & Son	Cable Street	18/8/17	E. Hall					
23212	Kedge .....	8 0 4	2 0 10	10 2 2 0	8 0 0	do	do	do	23/8/17	do					

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	Head with pin	44-0-7	Shank	20-3-7	Yds.	22113	23/8/17
2nd "	do <td>45-3-14 <td>do <td>20-3-0 <th>Yds.</th> <th>22106</th> <th>24/8/17</th> </td></td></td>	45-3-14 <td>do <td>20-3-0 <th>Yds.</th> <th>22106</th> <th>24/8/17</th> </td></td>	do <td>20-3-0 <th>Yds.</th> <th>22106</th> <th>24/8/17</th> </td>	20-3-0 <th>Yds.</th> <th>22106</th> <th>24/8/17</th>	Yds.	22106	24/8/17
3rd "	do <td>38-0-14 <td>do <td>19-0-7 <th>Yds.</th> <th>22094</th> <th>17/8/17</th> </td></td></td>	38-0-14 <td>do <td>19-0-7 <th>Yds.</th> <th>22094</th> <th>17/8/17</th> </td></td>	do <td>19-0-7 <th>Yds.</th> <th>22094</th> <th>17/8/17</th> </td>	19-0-7 <th>Yds.</th> <th>22094</th> <th>17/8/17</th>	Yds.	22094	17/8/17
4th "							

CHAIN CABLES.										HAWSETERS AND WARPS.									
Number of Certificate.	Length and size supplied. Length. Diam.	Test per Certificate. Statutory. Tons.	WEIGHT OF CHAIN CABLE Supplied. Cwts. qrs. lbs.	Per Rule. Cwts. qrs. lbs.	Length and Size per Table 31. Length. Diam.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied. Length. Cir.	Breaking Test of Steel Wire Towline. Fathoms. Ins. Tons.	Length and Size per Table 31. Length. Cir.							
10638	270 2 1/2	94 1/2	721-3-14	720-3-14	270 2 1/2	Steel	Rhyker & Son Ltd.	19/8/17 J. Hopper	TOWLINE, Steel	120 5 1/2	165 26	120 5 1/2							
Hawse Chain of Steel Wire	75 1 1/2	31 1/2	69-0-19	1	90 5	Steel wire.			HAWSESWARPS	(3) 90 3 1/2	26								
	90 5	59 1/2							" "	(1) 90 2 1/2	12 1/2								
									" "	(2) 90 8	Manilla	(1) 90 8							
									" "	(2) 90 7	-	(2) 90 7							

**Boats Four paid.**  
**Pumps, Number** Two hand pumps  
**Windlass is** Emerson Walker & Thompson.  
**Engine Room Skylights.**—How constructed? Slit  
**Coal Bunker Openings.**—How constructed? Slit Cranes  
**Number of Scuppers,** and numbers and dimensions of **Freeing Ports, &c.** 4 Scuppers & 4 freeing ports 16 x 16 each side  
**Ceiling in Holds,** thickness and material 2 1/2 w.p. interlocks  
**Cargo Hatchways.**—How formed? Slit plates and angles.  
**State size No. 1 Hatch (Forward)** 12'0" x 9'3"  
**No. 2 Hatches** 7'0" x 5'0"  
**No. 3 Hatches** 6'0" x 2'6"  
**No. 4 Hatch**  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch In total - one web.  
**No. of Breasthooks or longitudinal** No. of Crutches Self floor.  
**Bulwarks,** height above deck and description 42 x 25 Slit plates  
**Main Rail,** material and size 56 x 3 x 10.  
**The foregoing is a correct description.**  
**Builder's Signature** (here only) Hugh Young  
**Surveyor's Signature** (2nd John Allan) B. Chas. J. Allan  
**Surveyor to Lloyd's Register of Shipping.**

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
M 8/8/12, 30/1/13, 8/5/13, 2/8/13, 7/1/14. E 17/1/14. See also previous vessels set out below.

**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? Jagged framing  
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 the plating? A few  
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes  
State results of tests Satisfactory.  
Have all the girtways been tested as required by the Rules (Sec. 26, par. 20)? Yes  
State results of tests Satisfactory.

**General Remarks** (State quality of workmanship, &c.) This vessel has been built in accordance with the approved plans and in general conformity with the Society's Rules. The workmanship & materials throughout are good. The vessel has been constructed on the Longitudinal system & is intended for carrying oil in bulk. The compartments for carrying oil & the Cofferdams have been tested as required by the Rules.

Same former details this vessel is a duplicate of the same builder "Jusearoro," "Mirlo," "Joagui," "Kalebro," "Bilrogo," & "Caloni" builded Rhyker & Son 26950, 27054, 25953, 26027, 26130, & 26099 respectively.  
The Surveyor should state the Number of Report and Name of any Sister Vessel.  
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee .....	£	Fees applied for, Received by me,	Date of issue.
Special Survey Fee ....	5 0 0	6-11-1917	27.11.17.
Travelling Expenses, if any £	192 7 6	15-11-1917	

State whether the Vessel has been built under Special Survey Yes  
I am of opinion this Vessel should be Classed as 100A1 "Carrying Petroleum in Bulk"  
With, or without Freeboard, as condition of Class without

**Committee's Minute** TUE NOV. 27 1917.  
**Character assigned** Carrying petroleum in bulk + Lmb. 10.17  
Lloyd's Arb P. Listed for oil fuel 1047 F.B.  
F.P. alone 150° F.



PARTICULARS OF LONGITUDINAL FRAMING. *A.P. Mendocino*

GENE

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.	Diameter.
Framing of <i>and</i> $\angle$ , $\square$ or $\square$ .....																			
Frames in Bridge 'tween Decks ...		<i>Transverse Framing.</i>																	
Frames from Uppermost Continuous Deck		No. 1	7	3 1/2	40	6 1/2	3 1/2	42	7	3 1/2	40	7	3 1/2	36	7/8	5 1/4	5 1/4	7	7/8
		" 2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
		" 3	8	3 1/2	42	8	3 1/2	40	8	3 1/2	40	7 1/2	3 1/2	42	"	"	8	"	
		" 4	"	"	54	"	"	46	"	"	54	8	3 1/2	44	"	"	"	"	
		" 5	9	3 1/2	44	"	"	54	9	3 1/2	44	8 1/2	3 1/2	44	"	"	3 5/8 for 9 rivets.	"	
		" 6	"	"	54	9	3 1/2	44	"	"	54	9	3 1/2	44	"	"	"	"	
		" 7	10	3 1/2	46	"	"	54	10	3 1/2	46	9 1/2	3 1/2	46	"	"	10	"	
		" 8	"	"	50	"	"	58	"	"	50	10	3 1/2	46	"	"	3	"	
		" 9	"	"	54	10	3 1/2	50	"	"	54	"	"	50	"	"	"	"	
		" 10	"	"	60	"	"	60	"	"	60	"	"	56	"	"	"	"	
		" 11	12 x 4 x 1/4	58	12 x 4 x 1/4	60	12 x 4 x 1/4	60	12 x 4 x 1/4	58	12 x 4 x 1/4	60	12 x 4 x 1/4	60	"	"	3 15/16	16	
		" 12	12 x 4 x 1/4	52 1/2	12 x 4 x 1/4	62	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	52 1/2	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	62 1/2	"	"	"	"	
		" 13	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	62 1/2	12 x 4 x 1/4	62 1/2	"	"	"	12	
		" 14													"	"	"	"	
		" 15	<i>nos 14-22 inclusive as for no 13.</i>																
		" 16													"	"	"	"	
Spacing of Longitudinal Frames		Amidships	30"																
		At Ends	27"																
Double Bottoms $\angle$ , $\square$ or $\square$		Tank Top Longitudinals	7	3 1/2	50				7	3 1/2	50				7/8	5 1/4	3 1/2 for 4 rivets	6	7/8
		Bottom	8	3 1/2	40				8	3 1/2	40				"	"	"	"	"
Spacing of Longitudinals		Amidships	30"						30"										
		At Ends																	
Transverses.																			
In Bridge 'tween Decks		Depth and Thickness	<i>Transverse Framing.</i>																
		Face Angles																	
		Lugs to Shell*																	
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness	18	40	1				18	40					7/8	3 1/2			
		Face Angles	4	3 1/2	44				4	3 1/2	44								
		Lugs to Shell*	3 1/2	3 1/2	40				3 1/2	3 1/2	40								
In Hold.		Depth and Thickness	34	46	1				34	46									
		Face Angles	6 1/2	4	70				6 1/2	4	70								
		Lugs to Shell*	6	6	46				6	6	46				7/8	3 1/2	2 rows		
		Brackets			40						40								
Spacing of Transverse Frames			9'-2"						9'-2"										
		* State if joggled or liners.																	
Longitudinal Beams of $\angle$ , $\square$ or $\square$	Bridge Deck	6	36	36				6	3	36									
	Awg. or Shldr. Plk.	6	3	50															
	Upper	7	3	50				7	3	38									
	Second	7	3	50				7 1/2	3	40									
	Third	8	3	40															
Transverse Beams																			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

150,10,11.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 101.0 ft., R.Q.D. ✓ ft., Bridge 27.5 ft., Forecastle 40.12 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) 20's (11.) & web frames — longitudinal framing.

Official No. ; Signal Letters

State if Machinery is fitted aft ✓

How are the surfaces preserved from oxidation? Inside Paint & Cement (except in Old Compartments) Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *cellular.*

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,	55.0	141.5	After peak tank,	10.5	52.5
Double bottom, if under Engines only,			Deep tank, aft, <i>oil fuel</i>	20.0	570.0
Double bottom, if under Boilers only,			Deep tank, forward, <i>oil fuel or water ballast</i>	38.0	511.0
Double bottom, forward,			Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules ✓

Order for Special Survey No. 5224

Date

No. 661 in builder's yard.

DATES OF SURVEYS held while building

1916. Jan 21. 24. 27. Feb. 7. 15. 21. Mar. 1. 8. 20. 28. Apr. 3. 12. 20. 28. May 3. 5. 8. 11. 19. 23. 31. Jun 5. 12. 23. 27. Jul 7. 12. 17. 21. Aug 7. 10. 16. 21. 29. 31. Sep. 6. 15. 19. 26. Oct. 2. 5. 9. 16. 24. 31. Nov. 14. 20. 24. Dec. 6. 11. 14. 15. 16. 18. 19. 20. 21. 22. 23. 28. 29. 1917. Jan. 4. 5. 8. 9. 10. 12. 13. 15. 16. 17. 18. 21. 23. Jun 12. Aug 14. Oct 5. 16. 17. 18. 19. 30. Nov 2.

Total No. of Visits

83

Surveyor's Signature (*Eng Allan*) *D. Chano*

Foundation