

Awning or Shelter Deck, or Pl. Awning Deck

STEEL STEAMER.

No. 2766

State if Report is also sent on the Machinery of the Vessel.

Port of Baltimore Md Date of completion of Report 9 Jan 1920 Received at London Office
Survey held at Alexandria Va Date, First Survey 5 March 1919 Last Survey 31 Dec 1919

On the (State if Single, Twin, or Triple Screw) single screw steamer E. A. MORSE (EX "CARRATUNK") Rtg Schooner

TONNAGE under Tonnage Deck 5558.90 CLASS 100 A.I. Longitudinal Framing FEET. Master R. M. Packer

Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 5558.90 Breadth (greatest moulded) 53.240 Year of Appointment 1919

Do. of Poop 5558.90 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 34.5 Built at Alexandria Va.

Do. of H. Qr. Dk. 5558.90 Deduct height of 'tween deck when this does not exceed 8ft. 26.5 When built 1919 Launched 25 Oct 1919

Do. of Bridge House 5558.90 Transverse Number 79.5 By whom built Virginia S. B. Corp.

Do. of Forecastle 5558.90 Length on deck from fore part of stem to after part of sternpost 402.5 Owners W. S. Steamship Corp.

Do. of Houses on Deck 5558.90 Longitudinal Number 31998.75 Managers W. S. Steamship Corp.

Do. of excess of Hatchways 5558.90 Depth "d" at middle of length. See Secs. 2 & 13 11.66 Residence New York

Do. above Crown of Engine Room 5558.90 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 15.18 Port belonging to Alexandria Va.

Gross Tonnage 6059.60 Destined Voyage Norfolk Va If Surveyed while Building, Afloat, or in Dry Dock Yes

Less Crew Space 6059.60 Register Tonnage 3743.00

Less above Crown of Engine Room 6059.60 as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

Less Engine Room 6059.60

Less Navigation Spaces 6059.60

Register Tonnage 3743.00

as out on Beam 3743.00

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Top of Floors to top of Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
402.6	6		53.0			34.0	Shelter Dk. Beams	30	11	2	1
402.6	6		53.2			24.0	Upper Deck	22	11	1	1

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, or [or L Bars, amidships	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Do. in peaks	6	3 1/2	36	6	3 1/2	36					
Do. in way of Double Bottoms at Solid Floors	✓	✓	✓	✓	✓	✓					
Do. " " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓					
Spacing of Frames from centre to centre amidships	✓	✓	✓	✓	✓	✓					
" " length to collision bulkhead	✓	✓	✓	✓	✓	✓					
of Frames from centre to centre in peaks	✓	✓	✓	✓	✓	✓					
IN PEAKS	3 1/2	3	36	3 1/2	3	36					
Do. in way of Double bottoms at Solid Floors	✓	✓	✓	✓	✓	✓					
Do. " " at intermdt. Bkts.	✓	✓	✓	✓	✓	✓					
FLAMING, depth of girder	✓	✓	✓	✓	✓	✓					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	✓	✓	✓	✓	✓	✓					
in way of Engine and Boiler spaces	4 1/4	36	4 1/4	36	4 1/4	36					
thickness at the ends of vessel	✓	✓	✓	✓	✓	✓					
depth at 1/2 the half-bdth. as per Rule	✓	✓	✓	✓	✓	✓					
height extended at the Bilges	✓	✓	✓	✓	✓	✓					
FLOORS, in Cell Double Bottoms	4 1/4	36	4 1/4	36	4 1/4	36					
state if flanged (top and bottom)	not	flanged	not	flanged	not	flanged					
spacing of Solid	60	70	66	60	70	66					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	43	50	43	50	43	50					
Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	50					
" " Bottom	5	5	58	5	5	58					
" " to Floors	6	6	44	6	6	44					
Brackets at intermdt. frmg., wdth & thcknss	✓	✓	✓	✓	✓	✓					
GIRDERS, number and thickness	ONE	40	ONE	40	ONE	40					
state if flanged (top & bottom)	not	flanged	not	flanged	not	flanged					
Angles	3	3	40	3	3	40					
PLATE, depth (exclusive of flange) and thickness	48	48	48	48	48	48					
Angles to outside plating	4	4	48	4	4	48					
" " to floors	8	3 1/2	44	8	3 1/2	44					
Brackets at intermdt. frmg., wdth & thcknss	✓	✓	✓	✓	✓	✓					
Height of Brackets above at bilge	✓	✓	✓	✓	✓	✓					
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	43	50	43	50	43	50					
" " thickness in Engine and Boiler space	48	56	48	56	48	56					
" " Remainder in Holds	40	40	40	40	40	40					
Awning or Shelter Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											

PILLARS.	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS, In 'tween Deck, size and spacing											
" " Hold											
" " Quarter, 'tween Dks., "											
" " in Hold											
KEELSONS AND STRINGERS.											
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate											
" " Rider Plate											
" " Flat Keel Plate Angles											
" " Horizontal Plates on Floors											
" " Angles or Bulb Angles											
SIDE KEELSONS, Number											
" " Angles or Bulb Angles											
" " Plate above floors, for length											
" " Intercostal Plate, for length											
" " Attached to outside plating with Angle											
BILGE KEELSON, Angles											
" " Intercostal Plate, for length											
" " Attached to outside plating with Angle											
SIDE STRINGERS, Number											
" " Angle											
" " Intercostal Plate, for lng.											
" " Attached to outside plating with Angle											
Awning or Shelter Deck Stringer Plates, breadth and thickness	56	56	56	56	56	56					
" " Angle on ditto	5x5	58	5x5	58	5x5	58					
" " Tie Plates, fore and aft, outside Hatchways	✓	✓	✓	✓	✓	✓					
" " Deck * Lower Steel, for FULL lng.	52	70	40	52	70	40					
" " Wood Deck, Material & thickness	✓	✓	✓	✓	✓	✓					
Upper Deck Stringer Plate, breadth and thickness	60	34	60	34	60	34					
" " Angles on ditto, No. ONE	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42					
" " Tie Plates, outside Hatchways	✓	✓	✓	✓	✓	✓					
" " Deck * Lower Steel, for FULL lng.	34	34	34	34	34	34					
" " Wood Deck, Material & thickness	✓	✓	✓	✓	✓	✓					
Second Deck Stringer Plates, breadth & thckn's											
" " Angles on ditto, No.											
" " Tie Plates, outside Hatchways											
" " Deck * Material and thickness											
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness											
" " Angles on ditto, No.											
" " Tie Plates, outside Hatchways											
" " Deck, Material and thickness											
Poop Deck Stringer Plate, breadth & thickness	36	30	36	30	36	30					
" " Angles on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34					
" " Tie Plates	✓	✓	✓	✓	✓	✓					
" " Deck, Material and thickness	STEEL	30	30	30	30	30					
Bridge Deck Stringer Plate, breadth & thickness											
" " Angle on ditto											
" " Tie Plates											
" " Deck, Material and thickness											
Forecastle Deck Stringer Plate, breadth & th'kns	48	34	48	34	48	34					
" " Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34					
" " Tie Plates	✓	✓	✓	✓	✓	✓					
" " Deck, Material and thickness	STEEL	30	30	30	30	30					

(21) 7200-721M

EQUIPMENT No. 35149 LETTER Z										ANCHORS.							
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY TABLE 31.		Description of Anchor		Makers.	Where and when tested and Superintendent.		
Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
1831 1831 1832 1832 1833 1833	1st Bower	71	3	14	stockless	54	12	2	0	63	3	0	stockless	Glenland Steel Co	Glenland O. 11/19/18	J. Wm. ...	
	2nd "	67	3	22	"	52	12	2	0	63	3	0	"	"	25/12/18	"	
	3rd "	41	3	12	"	44	10	0	0	54	2	0	"	"	1/3/19	"	
	Collective weight	179	1	10						182	0	0					
1834 1834 1835 1835 1836 1836	Stream	25	3	16	stockless	25	10	1	7	21	3	14	stockless	Glenland Steel Co	Glenland O. 11/19/18	J. Wm. ...	
	Kedge	9	1	24	"	12	1	1	0	9	1	14	"	"	25/12/18	"	

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weights, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	⁹³⁸¹ 71-3-4.VJD. 9B.s 381. 4-12-18.
	2nd "	⁹⁴⁶³ 67-3-22.VJD. 9B.s 473. 28-12-18
	3rd "	⁹⁶⁸⁰ 51-2-12.VJD. 9B.s 681. 1-3-19

CHAIN CABLES.												HAWSERS AND WARPS.					
Number of Certificate.	Length and size supplied.		Test per Certificate.		WRIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Twoline.	Length and Size per Table 31.	
	Length.	Diam.	Statio- ons.	Break- ing.	Supplied.	Per Tons.	Length.	Diam.					Length.	Cir.		Length.	Cir.
R30497	120	2 1/2	91.8	127.2	592-2-28	91.8	2 1/2	120	2 1/2	std	Amirican Old. Colombia 20/19/18	TOWLINE & EX	120	5	82.7	120	5
R304	45	2 1/2	"	"	124 0.4	"	"	45	2 1/2	std	18 Carrico	HAWERS & WARPS	90	8	91.9	90	8
R.236	15	2 1/2	"	"	41-2-6	"	"	15	2 1/2	std	"	"	90	8	"	90	8
Standard Chain Steel Wire	90	4 1/2	60-2	"	700-1-5	682-1-11	270	4 1/2	90	4 1/2	std R American S.M. Co. New Haven Conn	"	90	7	"	90	7

Boats *4 lighters*
Pumps, Number *1 double acting*
Windlass is *of steam by H. Lelan Co.*
Engine Room Skylights.—How constructed? *steel plate angle* What arrangements for deadlights in bad weather? *bulbs up*
Coal Bunker Openings.—How constructed? _____ How are lids secured? _____ Height above deck? _____
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *5 scuppers each side*
Ceiling in Holds, thickness and material *2 1/2" spruce* Cargo Battens, thickness and material *2" spruce*
Cargo Hatchways.—How formed? *steel plate angle stiffened with channels* Hatches, If strong and efficient? *yes*
State size **No. 1 Hatch (Forward)** *33'0" x 20'0"* **No. 2 Hatch** *33'0" x 20'0"* **No. 3 Hatch** *20'0" x 7'8"* **No. 4 Hatches** *23'0"*
Number of **Web Plates, Shifting Beams and Fore and Afters** to each Hatch *N^o 1-2-4-5 hatches 5 webs fitted N^o 3 Hatch 1 web fitted*
No. of Breasthooks *steel angle* **No. of Crutches** *sub floor*
Bulwarks, height above deck and description *open rail stanchions 3'6" high* Main Rail and Stays, material and size _____
The foregoing is a correct description. _____
Builder's Signature (there only) *Vernice Shipbldg Co. per J. W. Mansfield Mgr.* Surveyor's Signature *David Willard & John. M. Shriff*
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 28/3/19*
3/3/19. 9/4/19
 Workmanship. Are the butts of plating planed or otherwise fitted? *edges shaved from opposite sides & clipped*
 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 true? *yes*
 from the faying 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 gutterways 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 the Secretary letter above mentioned, also in accordance with the Society's rules.*

The workmanship and material are satisfactory. The double bottom tank, settling tanks & peak tanks have been tested with water found satisfactory.

The vessel fitted for the burning of oil fuel S. P. above 150° F.

The vessel fitted with wireless telegraphy

This is a sister vessel to the Ss "Sunset Hall" built at port N° 2637, Ss "Jenny Bell" built at port N° 2695
Ss "Vanda" built at port N° 2699, Ss "H. L. Morse" built at port N° 2714.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with P.E. Report showing vessel as built.

The amount of Entry Fee \$ 35 : 80 :
Special Survey Fee.... 8707 : 80 :
Travelling Expenses, if any \$ 76 : 00 :
" " N York 20 : 00 :

Fees applied for,
10 Jan 1920
Received by me,
17/9/1920

Certificate to be sent to Baltimore No. 8/3/20 Date of issue

State whether the Vessel has been built under Special Survey *Yes*
I am of opinion this Vessel should be Classed *10001. She is well framed*
With, or without Freeboard, as condition of Class *with freeboard.*

David Mullan & John M. S.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned
note: CR
Type 7
Lloyd's Trans.
Elec. St.
New York FEB - 3 1920
+ 100K1
Shell Dr. w/ft
L.M.C. 12.19
Filled for oil fuel 12.19
JP above 150° F

J. S. "E. A. Morse"

PARTICULARS OF LONGITUDINAL FRAMING.

GER

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.	Ins.	Ins.		
Framing of L, C or C Channel.		✓			✓			✓			✓			✓	✓	✓	✓	✓	✓	
Frames in Bridge 'tween Decks...		6	3½	37	6	3½	37	6	3½	37	6	3½	37	6	3½	37	5	5	8	
Frames from Uppermost Continuous Deck		6	3½	37	6	3½	37	6	3½	37	6	3½	37	6	3½	37	6	6	8	
Framing from Awning, Shelter or Upper Deck to Margin Plate.		No. 1	7	3½	45	7	3½	45	7	3½	45	7	3½	45	7	3½	45	6	6	
		" 2	7	3½	45	7	3½	45	7	3½	45	7	3½	45	7	3½	45	6	6	
		" 3	7	3½	45	7	3½	45	7	3½	45	7	3½	45	7	3½	45	6	6	
		" 4	7	3½	45	7	3½	45	7	3½	45	7	3½	45	7	3½	45	6	6	
		" 5	10	3½	43	10	3½	43	10	3½	43	10	3½	43	10	3½	43	7	7	
		" 6	10	3½	43	10	3½	43	10	3½	43	10	3½	43	10	3½	43	8	8	
		" 7	10	3½	43	10	3½	43	10	3½	43	10	3½	43	10	3½	43	8	8	
		" 8	10	3½	43	10	3½	43	10	3½	43	10	3½	43	10	3½	43	8	8	
		" 9	10	3½	43	10	3½	43	10	3½	43	10	3½	43	10	3½	43	8	8	
		" 10																		
Spacing of Longitudinal Frames		Amidships 28			At Ends 24			Amidships 28			At Ends 24									
Double Bottoms L, C or C		Tank Top Longitudinals			Bottom			Amidships			At Ends									
Spacing of Longitudinals		30			30 to 21			30			30 to 21									
Transverses.																				
In Bridge 'tween Decks		Depth and Thickness			Face Angles			Lugs to Shell												
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness			Face Angles			Lugs to Shell												
In Hold.		Depth and Thickness			Face Angles			Lugs to Shell												
Spacing of Transverse Frames		Spaced 10'-0" & 11'-0" as approved																		
Longitudinal Beams of		Bridge Deck			Awning Shltr. Dk.			Upper			Second			Third						
Transverse Beams.		12x38 6'4"x72			12x38 6'4"x72			13x40 6'4"x80			13x40 6'4"x80									

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.

5e.3.17.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.0 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 50.0 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)

Official No. 219463; Signal Letters L. V. G. W.

State if Machinery is fitted aft ✓

How are the surfaces preserved from oxidation? Inside paint & cement Outside paint

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	132.0	440	Fore peak tank,		72.5
Double bottom, under Engines and Boilers,	45.0	211	After peak tank,		45.7
Double bottom, if under Engines only,	✓	✓	Deep tank, at <i>amidships</i>	30	586.5
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	171.5	709	Other tanks, if fitted,	✓	✓
	Total capacity of double bottom	1360	(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. yes ✓

Order for Special Survey No. 87

Date 29 April 1919

No. 5 in builder's yard.

Dates of Surveys held while building

1919
MAR 5 APR 22, MAY 6, 9, 20, 29, JUNE 3, 6, JULY 1, 8, 24, 30, AUG 7, 8, 15, 19, 22, 29, SEP 5, 8, 11, 16, 18, 23, 30, OCT 1, 7, 10, 13, 17, 24, 29, 31.
NOV 7, 14, 18, 21, 25, 28, DEC 2, 5, 9, 12, 16, 23, 29, 30, 31.

Total No. of Visits 48

Surveyor's Signature David Villars John M. Sheriff