

WOOD SHIP.

RY

ROSD NEW YORK July 21 1919
No. 783 Survey held at Orange & Galveston Date, First Survey July-2-1918 Last Survey

on the Wood Screw Steamer "ANTENNA" Master H. Dooley

TONNAGE under Tonnage Deck 2735.80 Built at Orange & Galveston. When built 1919 Launched Feb-27-1919

By whom built National Shipbldg Co. Owners Emergency Fleet Corporation.

Port belonging to Orange, Texas. Destined Voyage New Orleans.

If Surveyed while Building, Afloat, or in Dry Dock Building.

Official Number 217955

Length as per Section 39	Feet. 300	Inches. 0	Extreme Breadth Outside	Feet. 49	Inches. 3	Depth of Hold	Feet. 26	Inches. 5	No. of Decks with Flat laid	Two
Length of Keel	283	6	Round of Beam		8	Depth from limber-strakes to under side of lower deck beam	16	1	No. of Tiers of Beams	Two
						Depth, Moulded	29	2		

SCANTLINGS OF TIMBER.	IN SHIP.						REQUIRED PER RULE, OR AS APPROVED.						OUTSIDE PLANK.	THICKNESS.		Dimensions of Ship per Register.
	MOULDED.			MOULDED.			MOULDED.			MOULDED.				In Ship.	Per Rule or as Approved.	
	SIDED.	Middle.	Ends.	SIDED.	Middle.	Ends.	SIDED.	Middle.	Ends.	SIDED.	Middle.	Ends.				
SPACE	17	14 1/2	12	17	14 1/2	12	17	14 1/2	12	17	14 1/2	12	Garboard Strakes	8	8	Length 298.6 breadth 49.9 depth 25.9
	25 1/2	30	20	25 1/2	30	20	25 1/2	30	20	25 1/2	30	20	Garboard to Bilge	5	5	
	17	30	22	17	30	22	17	30	22	17	30	22	Bilge Planks	5	5	
	17	22	20	17	22	20	17	22	20	17	22	20	Bilge to Wales	4	4	
	17	20	18	17	20	18	17	20	18	17	20	18	Wales	7	7	
	17	10	10	17	10	10	17	10	10	17	10	10	Topsides	7	7	
102 Average Space	36	12 1/2	15	10	12 1/2	15	10	12 1/2	15	10	12 1/2	15	10	Sheer Strakes	7	7
length amidships	45'-4"	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	Plank Sheers	7"x9"	7"x9"
96 Average Space	36	6 3/4	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	Water Upper Deck	15 1/2 x 15 1/2	15 1/2 x 15 1/2
length amidships	45'-8"	23 1/2	9	23 1/2	9	23 1/2	9	23 1/2	9	23 1/2	9	23 1/2	9	Ways Lower Deck	14 x 15	14 x 15
Ditto	6 Lengths	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	Ditto, faying surface against Timbers	29 1/2	29 1/2
Ditto	7' long	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	Upper deck	4	4

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treennails.

	Copper or YM in Ship.	Iron in Ship.	Size required per Rule.		Copper or YM in Ship.	Iron in Ship.	Size required per Rule.
and Deadwood abaft	1 1/4	1 1/2	1 1/2	Transoms and throats of Hooks	1 1/2	1 1/2	1 1/2
Keel, No.	1 1/4	1 1/2	1 1/2	Arms of Hooks	1 1/2	1 1/2	1 1/2
Bolts through Keel at or	1 1/4	1 1/2	1 1/2	Thro' Bilge and Limber Strakes	None	None	None
High Heels of Timbers	1	1	1	Thickstuff over Double Floors	None	None	None
Deadwood	1	1	1	Butt End Bolts	3/4	3/4	3/4
	1	1	1	Short Bolts in Ceiling	4 1/4	4 1/4	4 1/4
				Pintles of the Rudder			
				Hold Beam Waterway		1 1/2	1 1/2
				Bolts in Knees		1 1/2	1 1/2
				Bolts in Shelf or Clamp		1 1/2	1 1/2
				Deck Beam Waterway		1 1/2	1 1/2
				Bolts in Knees		1 1/2	1 1/2
				Bolts in Shelf or Clamp		1 1/2	1 1/2
				Nails or Bolts in Flat of Deck		1 1/2	1 1/2
				Treennails		1 1/2	1 1/2

ING.—The Space between the Floor Timbers and Lower Foothooks is 10 1/2 Inches. The Space between the Top-Timbers is 19 Inches.

s consist of Yellow pine The First Foothooks of Yellow pine
d Foothooks of Yellow pine The Third Foothooks and Top Timbers of Yellow pine

Keelson is Steel and is free from all defects. The Shifts of the First and Second Foothooks are not less than 4 ft/
r Keelson is Yellow pine N.B.—When less than prescribed by the Rules, state how many.

soms, Knightheads, Hawse Timbers, & Aprons of Yellow pine ditto. The rest of the Shifts of the Frame are Yellow pine
of Yellow pine and ditto. The Frame is Yellow pine squared from First Foothook Heads upwards,
and Stern Post of Oak ditto. and 90% free from sap, and from thence downwards, the frame is 90%
and Hold Beams of Yellow pine The complete Frames are 1 1/4 screw bolted together to the Gunwale.

ks of 12x12 pounding beams Knees of None N.B.—If not, state how bolted
piece of Rudder of Steel Windlass of Steam driven The Butts of the Timbers are 9' close together; their thickness not
l of Yellow pine less than 8 1/2" of the entire moulding at that place.

ING OUTSIDE.—From the top of the Keel to two-fifths the depth of Hold, the Plank is 5" Yellow pine
e above named height to the Wales 4" Yellow pine The Topsides and Sheer-strakes 2 1/2" Yellow pine
es and Black-strakes 7" Yellow pine The Water-ways { Upper Deck 15 1/2" x 15 1/2" & 12" x 12"
ketting and Plank-sheers 7" Yellow pine { Lower Deck 14" x 15" & 8" x 12"

ss 4" Yellow pine M.Dk. State of Good N.B. If less than prescribed by the Rule, state whether general or partial,
ts of the Planking are not less than 6 Feet 0 Inches. between, and without step-buttng.

f partial, in what part of the Ship. The Planking is wrought Square
ING INSIDE.—The Limber-strakes and Bilge-strakes are 3 1/2" x 12" & 7" x 13 1/2" Yellow pine
ing, Lower Hold, and between Decks 7" x 13 1/2" Yellow pine Shelf Pieces and Clamps 15" x 15" & 10" x 10"

NING.—To Hold Beams Three vertical 1 1/4" machine bolts through shelf and waterways.

ams Yellow pine 15 1/2" x 11 1/2" Fastened with four 1 1/4" machine bolts horizontally through waterways and

s. Number of Breasthooks 5 Pointers 8 Crutches None

Butt End Bolts are of None in the Bottom None Bolts in each Butt End None through and clenched.
Bilge and Limber Strakes are bolted through and clenched. Treennails of 1 1/2" White Oak. How made Engine Turned

Thickstuff over Double Floors is bolted through and clenched. General quality of Workmanship Very good.

We certify that the above is a correct description of the several particulars therein given.
Builder's Signature J. B. Grant Surveyor to Lloyd's Register of Shipping

W 794 - 0138

ANNAGE

ANCHORS.

No. of Anchors.	Description of Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.				TEST, PER CERTIFICATE.			WEIGHT, REQ. BY RULE.			Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Tons.	qrs.	lbs.			
22146	1st Bower	45	3	26	Stockless			39	17	2	0	45	0	0	Cast Steel Head Forged Iron Shank	Baldt Anchor Co. Chester, Pa.	10-18 N.A. Macken
22145	2nd "	45	2	4	"			39	14	1	14	45	0	0	"	"	10-18 "
22400	3rd "	36	0	18	"			33	5	2	14	38	0	0	"	"	11-18 "
	Collective weight	127	2	20								128	0	0			
21687	Stream	19	2	16	"							0	60	0	"	"	8-18 "
	Kedge											0	3	0			
	2nd Kedge																

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate, Tons.	Weight of Chain Cable.		Fathoms and Size per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms Size per			
				Supplied.	Per Rule.												
30409	195	2"	100.8	47190		210-116	15" Stud-link	Jas. Mackay & Co McKees Rocks, Pa.	12-18 J.A. Tulley Birmingham, Ala	TOWLINE	120	13"	120-12				
34	15	2"	100.8	3485			"	Knoxville Iron Co Knoxville Tenn.	5/19 Wm. Crawford	HAWSER	180	7	180-180				
	90	1 3/8"					Manufactured in accordance with the Rules and Requirements of the American Bureau of Shipping.										

Masts, Yards, &c., are in good condition, and sufficient in size and length.

Standing and Running Rigging are sufficient in size and good in quality.

Sails. None Suit of None Sails, and the following spare sails.

Boats Two Metallic lifeboats - 24'-0" long:- Two wood workboats - 16'-0" long.

Windlass, present state is good Capstan — Rudder good Pumps good

Scuppers, &c.—What arrangements are there, beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on board?
Freeing ports fitted 5 on each side, 1Ft.25Tenths x 2Ft.6Tenths

Cargo Hatchways.—How formed? Heavy coamings State size 28'-3" x 14'-0"

If of extraordinary size, state how framed and secured? 15" x 14" and 12" x 10" mortized at corners bolted to deck girders.

What arrangement for shifting beams? Five portable beams running athwartship.

Hatches, themselves, whether strong and efficient? Yes Main Hatchways.—State size 28'-3" x 14'-0"

Order for Special Survey, No. _____ Date _____

Order for Ordinary Survey, No. _____ Date _____

No. "19" in Builder's Yard.

1st. When the Frame is completed July-10th-1918.

2nd. When the Beams are put in, &c. Aug-28th-1918.

3rd. When completed and before the plank be painted or payed Dec-6th-1918.

General Remarks. The hull of this vessel has been constructed under Special Survey and in accordance with the approved plans:- The main keelson is of steel and is constructed of at the base four 15", 33# channels; at the sides four 10", 20# channels; at the top two 15", 33# channels and is fastened to each frame with nine 1 1/4" machine bolts through garboards; the lower deck shelf is fastened to each frame with three 1 1/4" bolts; lower deck waterways fastened through the frames with two 1 1/4" bolts; upper deck shelf is fastened with four 1 1/4" bolts and two 1" blunt bolts; upper deck waterways with two 1 1/4" bolts:- The sister keelson is fastened to each frame with two 1 1/4" bolts; garboards with three 1" bolts; planking two spikes and two treenails:- The vessel is also constructed with double diagonal planking 2 1/2" thick:- On account of all timbers on the inside being coated with a wood preservative the vessel was not salted:- The material and workmanship in her construction are both of good quality and the case is respectfully submitted for the Notation A for 10 years with record of survey 7,19. and subject to Special Survey every four years.

Lengths of cables reduced in accordance with the War Emergency Measure; hand pumps and kedge anchor are not supplied:- All anchors and cable chains were tested by the American Bureau Surveyors only.

Fore peak, after peak and deep tank were tested with water level with the top of the tanks only.

Present condition of Caulking of Bottom Good Deck, Good and Waterways Good

If Sheathed, Doubled, Felted, Coppered, or Yellow Metalled No When last done _____

I am of opinion this Vessel should be Classed A for 10 years.

The Amount of the Entry Fee ... \$ 25.00 : Fees applied for, July-16-1919

Special ... \$ 542.87 : Received by me, Sept 19 1919

Freeboard Certificate... \$ 50.00 : _____

Travelling Expenses, if any, £ _____ \$ 171.08

Committee's Minute. New York JUL 22 1919

Character assigned + 10 A- Subject (Steam) + hull, 7.19

WJ Wls

J. B. Grant
 Surveyor to Lloyd's Register of Shipping.

The Surveyors are requested not to write on or below the space for Committee's Minute

ROLL CERTIFICATE
 BRITISH 10-9-19

