

COMPOSITE SHIP.

WED. FEB. 18, 1920

No. **31635** Survey held at **Beverly Hull** Date, first Survey **Oct 8/18** Last Survey **14. 2. 1920**
 on the **5. COMP. TUG 51M/5** (Yard No. 172) Master **✓**

Tonnage under Tonnage Deck **25.34** Built at **Beverly** When built **1920** Launched **25.1.19**
 Ditto of Spar Deck, or Awning Deck
 Ditto of Poop, or Raised Qr. Dk.
 Ditto of Houses on Deck
 Ditto of Forecastle
 Gross Tonnage **25.34** By whom built **J. Hunter & Sons** Owners **B.W. Steamship Tug & Lighter Co.**
 Crew Space, as per Rule
 Register Tonnage, out on Beam
 Engines Room **23.19** Port belonging to **Stull** Destined Voyage **Loring**
 Register Tonnage, as a Steamer, out on the Beam **2.15** If Surveyed while Building **Afloat, or in Dry Dock** **YLS**

Length	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse.	No. of Decks
(Dimensions of Ship per Register, length 50.2 breadth 12.60 depth 6.10)	50	0	12	5		6	0		110		one
Keel, siding and moulding	7' x 8"		7' x 8"		7' x 8"		7' x 8"		Outside Plank.		
" plate, breadth and thickness	7' x 8"		7' x 8"		7' x 8"		7' x 8"		Garboard Strakes, thickness		
" siding and moulding	7' x 8"		7' x 8"		7' x 8"		7' x 8"		2 1/2		
deadwood plate, breadth and thickness	7' x 12"		7' x 12"		7' x 12"		7' x 12"		2 1/2		
" post, siding and moulding	7' x 8"		7' x 8"		7' x 8"		7' x 8"		2 1/2		
deadwood plate, breadth and thickness	7' x 8"		7' x 8"		7' x 8"		7' x 8"		2 1/2		
ance of Frames from moulding edge to moulding edge, all fore and aft	15'		15'		15'		15'		10 x 2 1/2		
Size of Angle Iron, single or double	2 2		2 2		2 2		2 2		Iron Sheerstrake, breadth and thickness		
" Reversed Angle Iron, if to every frame	2 2		2 2		2 2		2 2		" Bilge Plate ditto ditto		
ors, depth and thickness of Floor Plate at Mid line	15' apart		15' apart		15' apart		15' apart		Diagonal Plates on Frames		
Ditto ditto at Bilge Keelson	10		10		10		10		Gunwale Plate or Stringer on ends of Upper Deck Beams, breadth and thickness		
Size of Reversed Angle Iron, and No. 5/16" at top of Floor Plate	2 2		2 2		2 2		2 2		Angle Iron on ditto		
If of Wood, siding and mould'g, at Mid. line	2 2		2 2		2 2		2 2		Fore and aft Tie Plates on Upper Deck Beams, outside Hatchways		
as, Deck (No. 38) double Angle Iron, Plate, Tee, or Bulb Iron	2 2		2 2		2 2		2 2		Diagonal Tie Plates on ditto		
" double or single Angle Iron, edge	2 2		2 2		2 2		2 2		Flat of Upper Deck, thickness P. PINE		
" average space between	15'		15'		15'		15'		Ceiling betwixt Decks, thickness		
Hold, or Lower Deck (No. 38) double Angle, Tee, Plate, or Bulb Iron	15'		15'		15'		15'		" in Hold, thickness		
" double or single Angle Iron on edge	15'		15'		15'		15'		Clamps or Spirketting ditto		
" average space between	15'		15'		15'		15'		Stringer Plates on ends of Hold or Lower Deck Beams, breadth and thickness		
single or double plate, box, or intercostal	3 3		3 3		3 3		3 3		Fore and aft Tie Plates outside Hatchways, on Hold or Lower Deck Beams		
Size of Plates DOUBLE	3 3		3 3		3 3		3 3		Stringers in Hold HOOD (OAK)		
Size of Angle Irons	3 3		3 3		3 3		3 3		State if all Butts of the foregoing are shifted properly from each other		
If of Wood, siding and moulding	3 3		3 3		3 3		3 3		Flat of Lower Deck, thickness		
side, single or double, plate, box, or intercostal	3 3		3 3		3 3		3 3		Diameter of Hold Pillars DOUBLE ANGLES		
Bilge (No. 38) at each Bilge, single, or double, plate or box	3 3		3 3		3 3		3 3		Main piece of Rudder, diameter at head		

Keel consists of **Oak** The Stem **Oak** Stern Post **Oak** Apron **Oak**
 Fore Stern Post **Oak** Deadwood **Oak** Knight-heads, and Hawse Timbers **✓**
 Doors **Steel** Wood Frames **Steel** and Ceiling upon them **✓**
 and Keelsons **Steel** and are **✓** free from all defects.

g Outside. — From the Keel to the Height of one-fifth the depth of Hold as per Table I **Oak**
 ditto from Keel to the Height of two-fifths the depth of Hold ditto **Oak**
 ditto from two-fifths the depth of Hold to Gunwale **Oak**
 er Deck Waterway **Oak** Spirketting **✓** Planksheer **✓** and Roughtree Timbers **✓**
 Piece of Rudder **Iron 2 1/2 dia.** Windlass **Iron (hand)** and Pall Bitt **✓**
 5 x 2 1/2 P. PINE State of **Good** How fastened to Beams **2 gals. bolts**
 of the Planking are not less than **4** Feet **6** Inches. N. B. If less than prescribed by the Rule, state whether general
 tial, and if partial, in what part of the Ship. The Planking is wrought **3 strakes** between, and without step-buttng.

Inside. — The Limber-strakes and Bilge-strakes are **✓**
 g, Lower Hold, and between Decks **✓** Shelf pieces and Clamps **✓**
 at Straps of Keel Plates, Keelsons, Stringer and Tie Plates, of every description, are they of proper dimensions, and Rivetted in accordance with
 the Rules? **YLS** State where treble **✓** all double **✓** or single rivetting exists.

Planksheer, how secured to the plating of the sides? **✓** Explain by sketch **✓**
 aterway " " planksheer and to the Beams? **✓** if necessary.
 Deck Beams, how secured to the side? **Steel Ribs riveted to frames**
 old or Lower Deck Beams ditto? **✓**

General Quality of Workmanship **Good** No. of breasthooks **one** crutches **✓**
 What description of **STEEL** is used for the Frames, Beams, Keelsons, Stringer and Tie Plates, Outside Plating, Rivets, &c.? **Open Heart Iron rivets**
 Manufacturer's name or trade mark **Wm. Connell, Jr. and Wm. J. Connell, Jr.**

We certify that the above is a correct description of the several particulars therein given.
 Builder's Signature **Wm. Warren** Surveyor's Signature **Matthew Blackwood**
 White planking & deck fitted by **J. Hunter & Sons Beverly**

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, Galvanized Iron, or Iron, and Rivets.

	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule		Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule		Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Deadwood forward and aft ..		3/4	3/4	Transoms and throats of Hooks				Pintles of the Rudder			
Scarp of Keel, N ^o . ONE		3/4	3/4	Arms of Hooks				Hold Beam } Waterway			
Keelson Bolts through Keel at each Floor		5/8	5/8	Thro' Frames and Planking		9/16	9/16	Bolts in } Knees			
Bolts through Iron Keel Plate and Wood Keel				Butt End Bolts ..		9/16	9/16	Shelf or Clamp			
Garboard Bolts Athwartship ..				Rivets	Iron			Deck Beam } Waterway			
								Bolts in } Knees			
								Shelf or Clamp			
								Nails or Bolts in Flat of Deck			

Her Masts, Bowsprit, Yards, &c., are in good condition, and sufficient in size and length. If they are of Iron or Steel give the scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit Pole.

No.	She has SAILS.	CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	No.	Weight. Ex. Stock.	Test as per Certificate.	W'ght req'd per Rule.	Test per
	Fore Sails,	Chain						Bowers					
	Fore Top Sails,	(State Machine where Tested, and name of Superintendent).						Stream					
	Fore Topmast Stay Sails,	Hempen Stream Cable						Kedges					
	Main Sails,	Hawser											
	Main Top Sails,	Towlines											
	and	Warp											
		All of quality											

Her standing and Running Rigging is sufficient in size and good in quality. She has one Long Boat and ✓

The present state of the Windlass is good Capstan ✓ and Rudder good Pumps ✓

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? ✓

Cargo Hatchways.—How formed? ✓

If of extraordinary size, state how framed and secured? ✓

What arrangement for shifting beams? ✓

Hatches, themselves, whether strong and efficient? ✓

Main Hatchways.—State size: ✓

Order for Special Survey

No. ✓
Date ✓

Order for Ordinary Survey

No. ✓
Date ✓

DATES of Surveys held while building as per Section No. 2.

- 1st. On the wood keel, stem, sternpost, deadwood, and frames before painting or coating 1918: Oct. 8
- 2nd. On all the beams, stringers, plates, &c., when in place, rivetted-up ready to receive the planking May 6
- 3rd. When the vessel was planked outside, dubbed fair, and all the fastenings completed, but before she was caulked, coated, or cemented 1919 Jan. 20 Jun 4.
- 4th. When the vessel was caulked, but before the bolt-heads were cemented or had dowells fitted over them Dec 9. Feb 14/20. = 8
- 5th. When the vessel was completed, launched, and equipped

General Remarks,

This vessel has been built under Special Survey in accordance with the approved plans, the Secretary's letters and in general conformity with the Rules for the class contemplated. The materials and workmanship throughout are sound and good, the timbers being free from sap, shakes and other objectional defects.

In what manner are the surfaces of Iron Work preserved from oxidation inside and outside Paint

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

If Sheathed, Doubled, Felted, Coppered, or Yellow Metalled ✓ When last done ✓

I am of opinion this Vessel should be Classed 12 A Wood Tug with steel framing for a 12 years.

The Amount of the Fee.....£ 1 : 0 : 0 is received by me, ✓
Special£ 7 : 0 : 0 ✓
EXPENSES£ 1 : 1 : 6 ✓

Committee's Minute

Character assigned

12 A— Wood Tug with Steel Framing

Subject

G. E. B.

+ L. M. C. 2.20

FRI 5-MAR. 1920

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