

With or Without  
Disconnected Erections.

STEEL STEAMER.

MON. JAN. 13. 1913

Received at London Office  
MON. JAN. 13. 1913

Date of completion of report 27<sup>th</sup> Dec 1912 Port of Philadelphia, Pa.  
Survey held at Camden N.J. Date, First Survey 22<sup>nd</sup> Feb 1912 Last Survey 14<sup>th</sup> Oct 1912  
On the "S. S. GULFOIL" Rig Schooner  
Master H. Kort  
Year of appointment (1) As Master in service of owner of present vessel: 1905 (2) As Master of this vessel: 1912

TONNAGE under Tonnage Deck	4590.09
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	4590.09
Do. of Poop	234.98
Do. of R. Dk.	
Do. of Bridge House	40.88
Do. of Forecastle	20.88
Do. of Houses on Dk.	29.90
Do. of excess of Hatchways	136.84
Do. above Crown of Engine Room	122.46
Net Tonnage	5188.69
Crew Space above Crown of Engine Room	
SPACE FOR FEES	5188.69
Engine Room	
Navigation Spaces	

CLASS 100 A.1.	FEET.
Breadth (greatest moulded)	51.0
Depth, at middle of length from top of keel to top of upper deck beams at side	30.167
Transverse Number	81.167
Length on deck from fore part of stem to after part of stern post	392.00
Longitudinal Number	31817
Depth "d," at middle of length (See Secs. 2 & 13)	Longitudinal Framing
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12.994
" " Long Bridge Deck Beam at side to top of keel	

Master H. Kort  
Year of appointment (1) As Master in service of owner of present vessel: 1905 (2) As Master of this vessel: 1912  
Built at Camden N.J.  
When built 1912 Launched 29<sup>th</sup> Aug 1912  
By whom built New York Ship Building Co.  
Owners Gulf Refining Co.  
Managers D. D.  
Residence Pittsburgh, Pa.  
Port belonging to Port Arthur, Texas.

Net Tonnage	5188.69
Master Tonnage	3202.00
Length on Deck as per Rule	392 0
BREADTH—Moulded	51 0
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	27 9
Do. do. do. do. Second Dk. Beams	20 2
No. of Decks with flat laid	Two
No. of Tiers of Beams	Eight Framed
Moulded depth, ft. 38 ins. 2	To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins.
Moulded depth, ft. 30 ins. 2	To Upper Dk.

FRAMING.				PILLARS.			
FRAME, Angles, or E or L Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peak AFT. PEAK UP TO MAIN DECK	6	3 1/2	3 1/2	" " 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							
" " length to Collision bulkhead							
" " AFT in peak	33		33				
EVERSED FRAME, Angles, AFT. PEAK	3 1/2	3 1/2	3 1/2				
Do. in way of Double Bottoms at Solid Floors							
" " at intermdt. Bkts.							
FRAMING, depth of girder	7		7				
FLOORS, depth and thickness of Floor Plate							
" " in way of Engine and Boiler Spaces	E 50	8.56	E 50				
" " thickness at the ends of vessel	48	48	48				
" " depth at 1/2 the half breadth, as per Rule							
" " height extended at the Bilge							
FLOORS & BRACKETS in Cell Dble Bottoms							
" " state if flanged (top & bottom)							
" " Spacing	E 78 1/2	50	E 78 1/2				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	8.65	54	8.65				
" " Angles, Top	4	4	4				
" " Bottom	5	5	5				
" " to Floors	5	5	5				
SIDE GIRDERS, number on each side & thickness	Two 40		Two 40				
" " state if flanged (top and bottom)							
" " Angles (top and bottom)	3 1/2	3 1/2	3 1/2				
" " to FLOORS	3 1/2	3 1/2	3 1/2				
MARGIN PLATE, depth (exclusive of flange) and thickness	E 17 1/2	48	E 17 1/2				
" " Angles to Outside Plating	4	4	4				
" " Floors	5	4	4				
" " INTERMEDIATE Brackets at bilge	E 46	8.46	E 46				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	E 52 3/4	1.00	E 52 3/4				
" " in Engine and Boiler space	3 1/2	56	3 1/2				
" " Remainder in Hold							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " In way of Long Bridge							
" " Spacing							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, 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							



Form No. 1A. Mechanical tests applied at Chester Pa. by Robert Fair. EQUIPMENT No. 33147. LETTER Y. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. WEB FRAMES. FORGINGS OR CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. do. RUDDER-A x D Table 22. Speed 11 1/2 knots. Main-Piece, diameter at head. RUDDER, how constructed. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES, Ordinary or jogged? BUTTS. RIVETING. BUTTS. IF LAPPED. SHEERSTAKE. UPPER DECK. STRINGER PLATE. SECOND DECK. STRINGER PLATE. GUTS OF UPPER DECK PLATING OVER OIL TANKS. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. BOWSPRIT. TOPMASTS, YARDS and Remainder of SPARS. RIGGING, Material and Size, Shrouds. SAILS. Sails, and the following spare sails.

Boats. Three. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds, thickness and material. Cargo Battsens, thickness and material. State size No. 1 Hatch. State size No. 2 Hatch. State size No. 3 Hatch. No. of Breasthooks. Bulwarks, height above deck and description. Correspondence. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Do any rivets break into or through the seams or butts of the plating? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. The workmanship and material are satisfactory. All the oil compartments, coffer-dam and ballast tanks have been tested with water and found satisfactory. (14 Approved Plans) The Surveyor should state the Number of Report and Name of any Sister Vessel. The amount of Entry Fee. Special Survey Fee. Travelling Expenses. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. Without Freeboard, as condition of Class. Committee's Minute. Character assigned. FRI. JAN. 17. 1913. 1000. Carrying petroleum in bulk. + L.M.B. 12.12. Fixed for oil fuel 12.12.



GEN.

## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Speng. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.			Diameter. Inches.		
Framing of $\Lambda$ , $\Gamma$ & $\square$ .....																	
Frames in Bridge 'tween Decks $\Lambda$	6	3	375	6	3	375	6	3	375	6	3	375	3/4	1/2	3/4 Rivets 6 Dia.	7	7/8
Frames from Uppermost Continuous Deck No. 1	7	3 1/2	375	7	3 1/2	375	7	3 1/2	375	7	3 1/2	375	7/8	5/4	7/8	6	"
" 2	7	3 1/2	375	7	3 1/2	375	7	3 1/2	375	7	3 1/2	375	"	"	D° D°	6	"
" 3	8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	"	"	D° D°	7	"
" 4	8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	8	3 1/2	375	"	"	D° D°	7	"
" 5	8	3 1/2	44	8	3 1/2	44	8	3 1/2	44	8	3 1/2	44	"	"	4 3/8 for 10 Rivets + 6 Dia.	8	"
" 6	8	3 1/2	44	8	3 1/2	44	8	3 1/2	44	8	3 1/2	44	"	"	D° D°	8	"
" 7	8	3 1/2	50	8	3 1/2	50	8	3 1/2	50	8	3 1/2	50	"	"	3 1/2 for 10 Rivets + 6 Dia.	9	"
" 8	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	"	"	D° D°	10	"
" 9	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	"	"	D° D°	10	"
" 10	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	"	"	D° D°	10	"
" 11	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	"	"	D° D°	13	"
" 12	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	"	"	D° D°	13	"
" 13	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	"	"	D° D°	13	"
" 14	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	"	"	D° D°	13	"
" 15	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	"	"	D° D°	13	"
177020	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	12	3 1/2	44	"	"	D° D°	13	"
Spacing of Longitudinal Frames	Amidships	27	30	27	30	27	30	27	30	27	30	27	30				
	At Ends																
Double Bottoms	Tank Top Longitudinals			7	3 1/2	375				7	3 1/2	375			In Gilder Room only		
$\Lambda$ , $\Gamma$ & $\square$	Bottom			7	3 1/2	375				7	3 1/2	375	7/8	5 1/4			
Spacing of Longitudinals	Amidships																
	At Ends			30						30							
Transverses.																	
In Bridge	Depth and Thickness	15	38	15	38	15	38	15	38	15	38	15	38				
'tween Decks	Face Angles SINGLE DOUBLE	5	3	44	5	3	44	5	3	44	5	3	44				
	Lugs to Shell	3	3	375	3	3	375	3	3	375	3	3	375	3/4	3 3/8		
In Hold.	Depth and Thickness	18	40	18	40	18	40	18	40	18	40	18	40				
Upper 'tween Decks.	Face Angles SINGLE DOUBLE	5	4	44	5	4	44	5	4	44	5	4	44				
	Lugs to Shell	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	7/8	3 1/2		
	Depth and Thickness	25	46	25	46	25	46	25	46	25	46	25	46				
	Face Angles SINGLE DOUBLE	5	4	50	5	4	50	5	4	50	5	4	50				
	Lugs to Shell	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	7/8	3 1/2		
	Brackets	6	3 1/2	44	6	3 1/2	44	6	3 1/2	44	6	3 1/2	44				
Spacing of Transverse Frames																	
Longitudinal Beams of	Bridge Deck	6	3	375	6	3	375	6	3	375	6	3	375	30			
	Awg. or Shldr. Dk.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	Upper	7	3 1/2	375	6	3	375	7	3 1/2	375	6	3	375	33			
	Second	7	3 1/2	375	6	3	375	7	3 1/2	375	6	3	375	24 30			
	Third	✓	✓	✓	6	3	375	✓	✓	✓	6	3	375	30			

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 97.5 ft., R.Q.D. ✓ ft., Bridge 34.0 ft., Forecastle 32.0 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) Two decks steel

Official No. 210514; Signal Letters L.C.N.R.

State if Machinery is fitted aft yes

How are the surfaces preserved from oxidation? Inside Portland cement Paint &amp; Bitumen Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		159.0
Double bottom, if under Engines,	26.5	75.7	Deep tank, aft,		29.5
Double bottom, if under Boilers,	35.0	146.0	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		221.7	(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. 19

Date 8<sup>th</sup> Nov 1911

No. 125 in builder's yard.

DATES OF SURVEYS held while building

FEB. 22, 26, 28, MAR. 1, 4, 11, 14, 20, 21, 26, 29, APR. 3, 9, 11, 17, 19, 23, 30, MAY. 3, 7, 10, 14, 17, JUNE. 4, 12, 13, 18, 20, 24, 27, 28, JULY. 2, 6, 9, 10, 18, 23, 29, AUG. 5, 7, 13, 14, 20, 21, 24, SEP. 3, 6, 13, 15, 23, 27, 30, OCT. 4, 7, 10, 14, 16, 21, 23, 25, 28, 30, NOV. 1, 4, 8, 13, 14, 19, 22, 27, DEC. 7, 12, 14

Surveyor's Signature

David Millar

Total No. of Visits 74

Lloyd's Register Foundation