

With or Without Disconnected Erections.

STEEL STEAMER.

MON. SEP. 22. 1913

Received at London Office

Date of completion of report 4 September 1913

Port of **HAMBURG**

Survey held at

Date, First Survey 3 February 1913

Last Survey

1st September 1913

On the

Steel single screw steamer **MOHICAN**

Rig

Schooner

TONNAGE under

CLASS 100 A1

CARRYING Bulk FEET.

Master

H. Long

Year of appointment

(1) As Master in service of
owner of present vessel—1913
(2) As Master of this
vessel—August 1913

Built at

Kiel

When built

1913

Launched 25 July 1913

By whom built

Howaldtswerke

Owners

Deutsch Amerikanische Petroleum

Company

Gesellschaft

Residence

HAMBURG

Port belonging to

HAMBURG

Destined Voyage **United States**

If Surveyed while Building, Afloat, or in Dry Dock **yes**

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
385	0	Moulded	52	4	Top of Floors to top of Upper Dk. Beams	25	11 1/2	2
					Do. do. do. do. Second Dk. Beams	18	5 1/2	No. of Tiers of Beams 2

Ship per Register, Length 385.3 breadth 52.4 depth 25.9. Moulded depth, ft. 28 ins. 8 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 1/2 ins.

FRAMING.				PILLARS, In 'tween Deck, size and spacing				Middle Line Bulkhead				
Or as Approved.								Ship. Ship. Or as Approved.				
Angles, or C or L Bars amidships	Longitudinal Framing			4	3 1/2	42	4	3 1/2	42			
Angles, or C or L Bars after Peak only	Longitudinal Framing			3 1/2	3 1/2	40	3 1/2	3 1/2	40			
Angles, or C or L Bars at intermdt. Bkts.	Longitudinal Framing											
Angles, or C or L Bars from centre to centre amidships	Longitudinal Framing											
Angles, or C or L Bars length to Collision bulkhead	Longitudinal Framing											
Angles, or C or L Bars length to after peaks	Longitudinal Framing											
D FRAME, Angles	Longitudinal Framing			3 1/2	3 1/2	38	3 1/2	3 1/2	38			
Angles, or C or L Bars at intermdt. Bkts.	Longitudinal Framing											
Angles, or C or L Bars depth of girder	Longitudinal Framing											
Angles, or C or L Bars depth and thickness of Floor Plate	Longitudinal Framing											
Angles, or C or L Bars at mid-line for 1/2 length amidships	Longitudinal Framing											
Angles, or C or L Bars way of Engine and Boiler Spaces	Longitudinal Framing											
Angles, or C or L Bars mess at the ends of vessel	Longitudinal Framing											
Angles, or C or L Bars at 1/2 the half breadth, as per Rule	Longitudinal Framing											
Angles, or C or L Bars extended at the Bilges	Longitudinal Framing											
Angles, or C or L Bars BRACKETS in Cell Dble Bottoms	Longitudinal Framing											
Angles, or C or L Bars state if flanged (top & bottom)	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											
Angles, or C or L Bars GIRDER, in Dbl. bottom, dpth. & thickness	Longitudinal Framing											
Angles, or C or L Bars Angles, Top	Longitudinal Framing											
Angles, or C or L Bars Angles, Bottom	Longitudinal Framing											
Angles, or C or L Bars Angles, to Floors	Longitudinal Framing											
Angles, or C or L Bars ANGERS, number on each side & thickness	Longitudinal Framing											
Angles, or C or L Bars state if flanged (top and bottom)	Longitudinal Framing											
Angles, or C or L Bars Angles (top and bottom)	Longitudinal Framing											
Angles, or C or L Bars Angles, to Floors	Longitudinal Framing											
Angles, or C or L Bars PLATE, depth (exclusive of flange)	Longitudinal Framing											
Angles, or C or L Bars and thickness	Longitudinal Framing											
Angles, or C or L Bars Angles to Outside Plating	Longitudinal Framing											
Angles, or C or L Bars Floors	Longitudinal Framing											
Angles, or C or L Bars Height of Brackets above at bilge	Longitudinal Framing											
Angles, or C or L Bars BOTTOM PLATING, breadth and thickness of Middle Line Strake	Longitudinal Framing											
Angles, or C or L Bars in Engine and Boiler space	Longitudinal Framing											
Angles, or C or L Bars Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	Longitudinal Framing											
Angles, or C or L Bars Angles on upper edge	Longitudinal Framing											
Angles, or C or L Bars In way of Long Bridge	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											
Angles, or C or L Bars Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	Longitudinal Framing											
Angles, or C or L Bars Angles on upper edge	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											
Angles, or C or L Bars Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	Longitudinal Framing											
Angles, or C or L Bars Angles on upper edge	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											
Angles, or C or L Bars Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	Longitudinal Framing											
Angles, or C or L Bars Angles on upper edge	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											
Angles, or C or L Bars Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	Longitudinal Framing											
Angles, or C or L Bars Angles on upper edge	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											
Angles, or C or L Bars Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	Longitudinal Framing											
Angles, or C or L Bars Angles on upper edge	Longitudinal Framing											
Angles, or C or L Bars Spacing	Longitudinal Framing											

Angles, or C or L Bars	68	50	68	50
Angles, or C or L Bars	5	5	5	5
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Angles, or C or L Bars	5	5	5	5
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Angles, or C or L Bars	5	5	5	5
Angles, or C or L Bars	5	5	5	5
Angles, or C or L Bars	5	5	5	5
Angles, or C or L Bars	5	5	5	5
Angles, or C or L Bars	5	5		

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Lloyd's Register
Foundation

Form No. 1A

WEB FRAMES. In Fore Body, No. and spacing
No. of Side Stringers
WEB FRAMES, In E. & B. Space, No. & spacing
No. of Side Stringers
Size of Face Angles to Web Frames
Bracket Plates to Stringers between Web Frames, depth and thickness

FORGINGS or CASTINGS. Inches in Ship. Inches per Rule. Or as Approved.

KEEL, Bar, depth and thickness
STEM, moulding and thickness
STERN-POST for Rudder, do.
for Propeller
RUDDER-A x D Table 22. Speed
Main-Piece, diameter at head
at heel

RUDDER, how constructed
Thickness of Plate
Can the Rudder be unshipped afloat?
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.

PLATING. AS IN SHIP. PER RULE OR AS APPROVED. EDGES, Ordinary or Joggled? RIVETING. BUTTS. STRAPS. IF LAPPED.

FLAT PLATE KEEL
GARBOARD OR A STRAKE
B
C
D
E
F
G
H
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

THICKNESS OF STRAKE
CLEAR OF LONG BRIDGE
DO. OF STRAKE BELOW
DELG. OF Flat Plate Keel
Sheerstrakes
Length and thickness
POOP SIDES
SHORT BRIDGE SIDES
FORECASTLE SIDES

Upper Deck Stringer Plate
Second Deck Stringer Plate
Butts of Poop Bridge Forecastle Stringer plates
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

EQUIPMENT No. LETTER ANCHORS. TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS

Number of Certificate. Anchors. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, P. & CERTIFICATE. WEIGHT REQUIRED BY TABLE 31. Description of Anchor. Makers. Where and when tested and Superintendent.

CHAIN CABLES. Length and size supplied. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent.

HAWSEWS AND WARPS. Length and size supplied. Length and size per Table 31. Description. Makers of Cables. Where and when tested, and Superintendent.

Boats & Rigging
Pumps, Number
Windlass is for steam of
Engine Room Skylights
Coal Bunker Openings
Ceiling in Hold
Cargo Hatchways
State size No. 1 Hatch (Forward)
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch
Bulwarks, height above deck and description
The foregoing is a correct description.
Builder's Signature (here only)
HOWALDTSWERKE
Surveyor's Signature
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
M. 16. 25. 30 Nov. 6. 7. 18 Dec. 1911 March 11, April 29, May 5, June 18 July 2nd October 1912-1913
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?
to plate, &c., conform well to each other?
Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces?
Are the butts of Plating, Stringers, &c., properly shifted and strapped?
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 (State quality of workmanship, &c.)
The Surveyor should state the Number of Report and Name of any Sister Vessel.
The amount of Entry Fee
Special Survey Fee
Travelling Expenses, if any
Forgings
State whether the Vessel has been built under Special Survey
I am of opinion this Vessel should be Classed
With, or without Freeboard, as condition of Class
Committee's Minute
Character assigned
TUE SEP 23 1913
Carries Petroleum in bulk
Lloyd's Reg. Co.
Lined for oil fuel 9.13 F.P. valve
+ L.M.B. 9.13
F.D.

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.		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.	Diam.	Spang.	Inches.		Number.	Diameter.					
Framing of <i>L</i> <i>U</i> <i>M</i>		6 1/2	3 1/2	34	6 1/2	3 1/2	34	6 1/2	3 1/2	34	6 1/2	3 1/2	34	3/4	1 1/2	5 1/2 Spacing		6	3/8				
Frames in Bridge 'tween Decks ...		4	3 1/2	40	4	3 1/2	36	4	3 1/2	40	4	3 1/2	36	7/8	5/4	5 1/4		6	3/8				
Frames from Uppermost Continuous Deck		4	3 1/2	40	4	3 1/2	36	4	3 1/2	40	4	3 1/2	36	"	"	" "		"	"				
Framing from Awning, Shelter or Upper Deck to Margin Plate.	No. 1	4	3 1/2	40	4	3 1/2	36	4	3 1/2	40	4	3 1/2	36	"	"	" "		"	"				
	" 2	4	3 1/2	40	4	3 1/2	36	4	3 1/2	40	4	3 1/2	36	"	"	" "		"	"				
	" 3	8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	"	"	" "		"	"				
	" 4	8	3 1/2	44	8	3 1/2	40	8	3 1/2	44	8	3 1/2	40	"	"	" "		"	"				
	" 5	8 1/2	3 1/2	46	8 1/2	3 1/2	44	8 1/2	3 1/2	46	8 1/2	3 1/2	44	"	"	9 Rivets spaced 4"		"	"				
	" 6	9	3 1/2	46	9	3 1/2	44	9	3 1/2	46	9	3 1/2	44	"	"	" "		9	"				
	" 7	9 1/2	3 1/2	46	9 1/2	3 1/2	44	9 1/2	3 1/2	46	9 1/2	3 1/2	44	"	"	" "		"	"				
	" 8	10	3 1/2	44	9 1/2	3 1/2	44	10	3 1/2	44	9 1/2	3 1/2	44	"	"	" "		"	"				
	" 9	10	3 1/2	50	10	3 1/2	46	10	3 1/2	50	10	3 1/2	46	"	"	" "		"	"				
	" 10	15	3 3/8	39	15	3 3/8	36	15	3 3/8	39	15	3 3/8	36	"	"	11		11	"				
Spacing of Longitudinal Frames		30			24			30			24												
Double Bottoms		filled only at after end in 30 B. Spacing			4	3 1/2	48	"	"	"	4	3 1/2	48										
Tank Top Longitudinals		"			4	3 1/2	42	"	"	"	4	3 1/2	42										
Bottom		"			"	"	"	"	"	"	"	"	"										
Spacing of Longitudinals		30			30			30			30												
Transverses.																							
In Bridge 'tween Decks	Depth and Thickness	14	38	"	"	"	"	14	38	"	"	"	"	"	"								
	Face Angles	4	3 1/2	40	"	"	"	4	3 1/2	40	"	"	"	"	"								
	Lugs to Shell	3 1/2	3 1/2	38	"	"	"	3 1/2	3 1/2	38	"	"	"	7/8	4								
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness	18	40	"	18	40	"	18	40	"	18	40	"	"	"								
	Face Angles	4	3 1/2	40	4	3 1/2	40	4	3 1/2	40	4	3 1/2	40	"	"								
	Lugs to Shell	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2	3 1/2	40	7/8	3 3/4								
In Hold.	Depth and Thickness	28	46	"	28	46	"	28	46	"	28	46	"	"	"								
	Face Angles	6 1/2	3 1/2	58	6 1/2	3 1/2	58	6 1/2	3 1/2	58	6 1/2	3 1/2	58	"	"								
	Lugs to Shell	6	6	46	6	6	46	6	6	46	6	6	46	7/8	4"								
Brackets		Zero brackets fitted to Transverses in Hold																					
Spacing of Transverse Frames		Average 4 ft 4" apart where this spacing is exceeded, the Transverses and Longitudinals are increased in depth.																					
* State if jogged or liners.																							
Longitudinal Beams of <i>L</i> <i>U</i> <i>M</i>	Bridge Deck ...	5 1/2	3	34	"	"	"	5 1/2	3	34	"	"	"	36									
	Poor & Forecastle	"	"	"	5 1/2	3	34	5 1/2	3	34	5 1/2	3	34	36									
	Upper	4	3	36	4	3	36	4	3	36	4	3	36	30									
	Second	4	3	34	4	3	34	4	3	34	4	3	34	24									
	Third	"	"	"	"	"	"	"	"	"	"	"	"	"									
Bridge Transverse Beams.														In Ships.		As approved.							
		Plate.		Angles.		Plate.		Angles.		Plate.		Angles.											
		10 x 38		4 x 3 1/2 x 4		10 x 38		4 x 3 1/2 x 4		10 x 38		4 x 3 1/2 x 4											
		11 x 40		" " "		11 x 40		" " "		11 x 40		" " "											
		18 x 40		6 1/2 x 3 1/2 x 58		18 x 40		6 1/2 x 3 1/2 x 58		18 x 40		6 1/2 x 3 1/2 x 58											

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.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 114.8 ft., K&M. W., Bridge 21.5 ft., Forecastle 37. ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated Poop and Bridge are not joined together

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) 2 Decks Steel (not sheathed) 2 Tiers of Beams. Longitudinal Framing

Official No. _____; Signal Letters _____ State if Machinery is fitted aft yes
How are the surfaces preserved from oxidation? Inside Cement clear of Oil tanks, otherwise painted Outside patent and oil paints

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	<u>30</u>	<u>169</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>24</u>	<u>66</u>
Double bottom, if under Engines only,	<u>34.4</u>	<u>74</u>	Deep tank, aft,	<u>✓</u>	<u>✓</u>
Double bottom, if under Boilers only,	<u>39.6</u>	<u>144</u>	Deep tank, forward,	<u>30.6</u>	<u>480</u>
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	<u>221</u>	(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. 24

Date 30th May 1912

No. 580 in builder's yard.

DATES OF SURVEYS held while building

Feb. 3, 18, 24. March, 10, 12, 15, 18, 26, 31. April, 5, 9, 18, 25, May, 7, 16, 20, 24, 29. June, 2, 9, 12, 21, 24, 30. July 7, 15, 16, 22, 23. Aug 4, 7, 14, 19, 22, 24 30 Aug. 1st September 1913

Total No. of Visits 34

Surveyor's Signature

Geo. Dykes

L. O. Piers

Lloyd's Register Foundation