

With or Without

Disconnected Erections.

STEEL STEAMER.

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

SAT. 10 JAN. 1914

Received at London Office

Date of completion of report Dec 6th 1914
Survey held at Seattle, Wash

Port of Seattle, Wash

No. 540

Date, First Survey 5th March 1914

Last Survey 20th October 1914

On the (State if Single, Twin, or Triple Screw)

Single Screw Steamer "INDIANA"

Rig Schooner

TONNAGE under 5015-61

CLASS #100A1

FEET.

Tonnage Deck 139-69

Do. between Top and Bottom 134-48

Do. of Poop 134-48

Do. of Bridge House 92-86

Do. of Forecastle 118-64

Do. of Houses on Dk. 202-22

Do. of excess of Hatchways 36-10

Do. above Crown of 5442-60

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Breadth (greatest moulded) 54.0

Depth, at middle of length from top of keel to top of upper deck beams at side 29.75

Transverse Number 83.84

Length on deck from fore part of stem to after part of stern post 410.45

Longitudinal Number 1343.75

Depth "d," at middle of length (See Secs. 2 & 13) 18.00

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.79

" " Long Bridge Deck Beam at side to top of keel 10.73

Destined Voyage San Pedro

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

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
410	5 1/2	Moulded	54	0	Top of Floors to top of Upper Dk. Beams	29	7 1/2	2
					Do. do. do. do. Second Dk. Beams	14	8 1/2	2

of Ship per Register, Length 409.7 breadth 54.1 depth 29.1	Moulded depth, ft. 38 ins. 3	To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.
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FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
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Bars amidships	9	3.8	28.6	9	3.8	28.6	PILLARS, In 'tween Deck, size and spacing	3 1/2	48	3 1/2	48
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Angles	6	3 1/2	11.4	6	3 1/2	11.4	" " Hold	"	"	"	"
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Double Bottoms at Solid Floors	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8	" Quarter 'tween Dks.,	"	"	"	"
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" at intermdt. Bkts.	"	"	"	"	"	"	" in Hold	"	"	"	"
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Frames from centre to centre amidships	24	"	"	24	"	"	KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
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" length to Collision bulkhead	24	"	"	24	"	"	CENTRE LINE KEELSON, Vertical Plate above	"	"	"	"
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" in peaks	24	"	"	24	"	"	" Rider Plate	"	"	"	"
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D FRAME, Angles	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8	" Flat Plate Keel Angles	"	"	"	"
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Double Bottoms at Solid Floors	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8	" Horizontal Plates on Floors	"	"	"	"
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" at intermdt. Bkts.	"	"	"	"	"	"	" Angles or Bulb Angles	"	"	"	"
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depth of girder	9	"	"	9	"	"	SIDE KEELSONS, Number	"	"	"	"
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depth and thickness of Floor Plate	"	"	"	"	"	"	" Angles or Bulb Angles	"	"	"	"
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at mid-line for 1/2 length amidships	"	"	"	"	"	"	" Plate above floors, for length	"	"	"	"
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way of Engine and Boiler Spaces	"	"	"	"	"	"	" Intercostal Plate, for length	"	"	"	"
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mass at the ends of vessel	"	"	"	"	"	"	" Attached to outside Plating with Angle	"	"	"	"
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at 1/2 the half breadth, as per Rule	"	"	"	"	"	"	BILGE KEELSON, Angles	"	"	"	"
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ht extended at the Bilges	"	"	"	"	"	"	" Intercostal Plate for length	"	"	"	"
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Cell Double Bottoms	44	"	40	44	"	40	" Attached to outside Plating with Angle	"	"	"	"
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state if flanged (top & bottom)	no	"	"	no	"	"	SIDE STRINGERS, Number	"	"	"	"
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spacing of Solid floors	24	"	"	24	"	"	" Angle	7	3 1/2	14.0	7	3 1/2	14.0
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ORDER, in Dbl. bottom, dpth. & thcknss	44	"	52	44	"	52	" Intercostal Plate, for full length	13	"	44	13	"	44
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" Angles, Top	3 1/2	3 1/2	12.4	3 1/2	3 1/2	12.4	" Attached to outside plating with Angle	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8
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" Bottom	5	5	18.1	5	5	18.1	Upper Deck Stringer Plate, br'dth & thickness	62	"	66	62	"	66
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" to Floors	5	5	18.1	5	5	18.1	" (clear of Bridge)	62	"	48	62	"	48
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brackets at intermdt. frmg., wdth & thcknss	"	"	"	"	"	"	" (in way of Bridge)	5	5	23.6	5	5	23.6
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ERS, number on each side & thickness	40	"	40	40	"	40	" Angle (clear of Bridge)	"	"	"	"	"	"
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state if flanged (top and bottom)	no	"	"	no	"	"	" Tie Plate at sides of Hatchways	"	"	"	"	"	"
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Angles (top and bottom)	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8	" Deck * Iron or Steel, for full lng.	48	"	34	48	"	34
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" to Floors	3	3	8.3	3	3	8.3	" Thickness (clear of Bridge)	48	"	"	48	"	"
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PLATE, depth (exclusive of flange)	38	"	48	38	"	48	" (in way of Bridge)	40	"	"	40	"	"
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and thickness	4	4	12.8	4	4	12.8	" Wood Deck. Material & thickness	"	"	"	"	"	"
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Angle to Outside Plating	4	4	12.8	4	4	12.8	Second Deck Stringer Plate, br'dth & thickness	47	"	48	47	"	48
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WEB FRAMES.				FORGINGS or CASTINGS.				Inches in Ship.											
	Inches in Ship.	Inches in Ship.	Inches per Rule.		Inches per Rule.				Inches per Rule, Or as Approved.										
WEB-FRAMES, In Fore Body, No. and spacing " " " brdth. & thickness " " " No. of Side Stringers "	Two @ 9'-0"	Two @ 9'-0"	32 x .46	KEEL, Bar, depth and thickness	Half plate keel														
WEB-FRAMES, In E. & B. Space, No. & spacing " " " brdth. & thickness WEB-FRAMES, In After Body, No. and spacing " " " brdth. & thickness " " " No. of Side Stringers "	3 @ 6'-9"	3 @ 6'-9"	22 x .42	STEM, moulding and thickness	10 1/2 x 2 3/4	10 1/2 x 2 3/4													
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....	4 x 3 1/2 x 14'-0"	4 x 3 1/2 x 14'-0"	21 x .44	STERN-POST for Rudder do. do.	10 x 8	10 x 8													
	Strong Beams fitted sh keel			" for Propeller	10 1/2 x 8	10 1/2 x 8													
	2	2		RUDDER-A X D* Table 22. Speed 11 knots	150 lb x 3.66 = 549														
	4 x 3 1/2 x 14'-0"	4 x 3 1/2 x 14'-0"	21 x .44	" Main-Piece, diameter at head	10 1/2	10 1/2													
				" " " at heel	8	8													
BULKHEADS.	Number. Vessel Per Rule.	Thickness. Inches.	STIFFENERS. Horizontal. Size Spacing Inches Inches.	Single or Double Frames.	Height up, state deck.														
W.T.BULKHEADS	No. 2	42 x 26	12 x 4 x 70	30"															
	No. 3	46 x 26	12 x 4 x 70	30"															
	No. 4	40 x 26	12 x 4 x 70	30"															
" COLLISION "	After Peak	40 x 26	9 x 3 x 45	24"															
PARTITION "																			
LONGITUDINAL,																			
Are the outside Plates doubled two spaces of Frames in length? <i>Double frame breadth only</i>																			
Are the Side Plates and Watertight Doors in efficient working order? <i>Yes</i>																			
PLATING.						RIVETING.													
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES. Ordinary or jogged?			BUTTS.									
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.	Breadth. Inches.	Thickness. Inches.	Breadth. Inches.	Thickness. Inches.						Diam.	Spacing cr. to cr.	Breadth. Inches.	Thick- ness. Inches.	Breadth. Inches.	For what Length. Feet.
FLAT PLATE KEEL..... (If Bar Keel, state Riveting.) GARBOARD OF A Strake	44	1.02	.72	.72	44	1.02	Double	6 3/4	1 1/8	4 1/2	Quad full	1 1/8	4 1/2			16	full		
B		.66	.66	.48		.66	"	5 1/4	7/8	3 1/2	" 2 Low	7/8	3 1/2			12	"		
C		.62	.62	.48		.62	"	"	"	"	"	"	"			"	"		
D		.62	.62	.48		.62	"	"	"	"	"	"	"			"	"		
E		.66	.48	.48		.66	"	"	"	"	"	"	"			"	"		
F		.66	.48	.48		.66	"	"	"	"	"	"	"			"	"		
G		.66	.46	.46		.66	"	"	"	"	"	"	"			"	"		
H		.66	.46	.46		.66	"	"	"	"	"	"	"			"	"		
I		.66	.46	.46		.66	"	"	"	"	"	"	"			"	"		
J		.66	.46	.46		.66	"	"	"	"	"	"	"			"	"		
K	48	.66	.46	.46	44	.66	"	"	"	"	"	"	"			"	"		
L	48	.66	.46	.46	44	.66	"	"	"	"	"	"	"			"	"		
M		.64	.64	.64		.64	"	6	1	4	Quad full		3 1/2			12	"		
N	48	.70	.70	.70	44	.70	"	"	"	"	"	"	1"	4		14	"		
O																			

Form 1000-10-1914. Lloyd's Register of Shipping. Includes sections for: EQUIPMENT, LETTERS, ANCHORS, TONNAGE, HAWERS AND WARPS, CHAIN CABLES, Boats, Pumps, Windlass, Engine Room Skylights, Coal Bunker Openings, Number of Scuppers, Ceiling in Holds, Cargo Hatchways, State size No. 1 Hatch, Number of Web Plates, Fore and Afters, No. 2 of Breasthooks, No. of Crutches, Workmanship, Are the rivets 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 faying 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, Committee's Minute, Character assigned, note: A.C.P., E.C.P.L., Elec. Light, Omission R.L.H.S., New York DEC 18 1917, +100M, +2mb 10.17, FRI. 22 MAR. 1918, © 2021 Lloyd's Register Foundation

GENERAL REMARKS—(continued).

WEB-FRAME
" " No. 1
WEB-FRAME
" " No. 2
WEB-FRAME
" " No. 3
" " Size of
BRACKET P
Web Frame

BULKHEAD

W.T.BULKHEAD

No. 1
No. 2
No. 3
After

COLLISION
PARTITION
LONGITUDINAL

Are the outside

Are the

STR

FLAT PLATE
(If Bar Keel, a
GARBOARD O

State actual
thickness in
way of Double
Bottom.

Sheer

THICKNESS
CLEAR OF
DO. OF

DECK OF

" Length

POOP SIDE

SHORT I

FORECASTLE

Upper
Strain

Seco
Strain

FRAM
REVI

Low

Bow

Top

Rig

Sail

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 43.5 ft., R.Q.D. ft., Bridge 114.75 ft., Forecastle 44.0 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) 2 Bks (Stk)
Official No. 215724; Signal Letters L J D N

How are the surfaces preserved from oxidation? Inside paint + cement State if Machinery is fitted aft Outside paint

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

Where Fitted.	Length.		Where Fitted.	Length.	
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	13.5-0	4.11	Fore peak tank,		
Double bottom, under Engines and Boilers,	4.5-0	1.84	After peak tank,	22	12.0
Double bottom, if under Engines only,			Deep tank, aft,	27.25	3.40
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	14.5-5	6.03	Other tanks, if fitted, Oil Settling Tank, Amidships	6.75	5.0
Total capacity of double bottom 35.5-5 = 11.98			(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. 8

Date 3/4/16

No. 9 in builder's yard.

DATES OF SURVEYS
held while building

May 5th June 12th 16th 20th 27th 30th July 9th 13th 21st 23rd 26th 28th 30th Aug 3rd 9th 10th 16th
20th 25th 28th 30th Sept 4th 5th 7th 10th 11th 13th 14th 15th 18th 21st 28th Oct 3rd 5th 10th
15th 18th 19th 20th

Total No. of Visits 39

Surveyor's Signature

John Whitehead & Co. P. Collins

Rpt.

Date of

No. in

Reg. B

EST E

Master

Engine

Boiler

Regist

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