

1 or 2 Dks., ~~Box~~ Dk.,
and Pt. Awng. Dk.

TURID* 3/12/11 HULDA THORDEN
IRON OR STEEL STEAMER.

BOX ONE

No. 40912

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

Received at London Office.

Date of completion of Report *28th November 1900*
Date, First Survey *Dec 11th 1900*
S.S. "Woodburn"

Port of *Newcastle on Tyne*
Last Survey *Nov 22nd 1900*
Rig *Schooner*

Master *G. Fulcher*

Year of appointment (1) As master in service of owner of present vessel:—18 *99*
(2) As master of this vessel:—18 *99*

Built at *Blyth*

When built *1900* Launched *10th October*

By whom built *Blyth Ship Building Co. Ltd.*

Owners *Tyne & Blyth S.S. Darning Co.*

Managers (Where necessary to be entered in Reg. Book).

Residence *Newcastle*

Port belonging to *Newcastle*

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

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
	301	4		42	11 1/2		19	11 1/4	one	one

Dimensions of Ship per Register, Length, *302.9* breadth, *43.2* depth, *19.92* Moulded Depth, *22* ft. *4 1/2* ins. Round of Beam, Actual *10 1/4* ins.

FRAMING.							FORGINGS AND CASTINGS.							Inches in Ship.							Inches per Rule. Or as Approved.												
FRAME, Angles, <i>7</i> E or L Bars, for $\frac{1}{2}$ length amidships							5 1/2	3 1/2	11-10	5 1/2	3 1/2	11-10	KEEL, Bar or Side Plates depth and thickness							10 x 2 3/4							10 x 2 3/4						
Do. for $\frac{1}{2}$ at each end							5 1/2	3 1/2	4	5 1/2	3 1/2	4	STEM, moulding and thickness							10 x 6							10 x 6						
Do. in way of Double Bottoms at Solid Floors							3 1/2	3 1/2	8-4	5 1/2	3 1/2	8-4	STERN-POST for Rudder do. do.							10 x 6							10 x 6						
" " at intermdt. Bkts.							-	-	-	-	-	-	" for Propeller							10 x 6							10 x 6						
Distance of Frames from moulding edge to moulding edge, all fore and aft							-	24	-	-	24	-	MAIN PIECE of Rudder, diameter at head							6							6						
" " do. at heel							-	-	-	-	-	-	do.							6							6						
REVERSED FRAME, Angles							4	3 1/2	8	4	3 1/2	8	RUDDER, how constructed							Single plate							Can the Rudder be unshipped afloat?						
" " "							-	-	-	-	-	-	" "							Yes													
DEEP FRAMING, depth of girder							-	-	-	-	-	-	KEELSONS AND STRINGERS.							Inches in Ship							Inches in Ship						
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships							-	-	-	-	-	-	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							Inches in Ship							Inches in Ship						
" " in way of Engines and Boilers							-	-	-	-	-	-	" Rider Plate							Inches in Ship							Inches in Ship						
thickness at the ends of vessel							-	-	-	-	-	-	" Bulb Plate to Intercoastal Keelson							Inches in Ship							Inches in Ship						
depth at $\frac{1}{2}$ the half breadth, as per Rule							-	-	-	-	-	-	" Horizontal Plates on Floors							Inches in Ship							Inches in Ship						
height extended at the Bilges							-	-	-	-	-	-	" Angles							Inches in Ship							Inches in Ship						
FLOORS & BRACKETS, in Cell Dble Bottoms							-	-	4	-	-	4	SIDE KEELSON, Angles							Inches in Ship							Inches in Ship						
" " Distance apart							-	24	-	-	24	-	" Bulb or Plate above floors for length							Inches in Ship							Inches in Ship						
CENTRE GIRDER, in Double Bottom, depth and thickness							40	-	10-8	40	-	10-8	" Intercoastal Plate for length							Inches in Ship							Inches in Ship						
" " Angles, Top							4	4	9-8	4	4	9-8	" Attached to outside plating with Angle							Inches in Ship							Inches in Ship						
" " Bottom							6 1/2	4	9-8	6 1/2	4	9-8	BILGE KEELSON, Angles							Inches in Ship							Inches in Ship						
SIDE GIRDERS, number on each side & thickness							1	-	4	1	-	4	" Bulb or Plate above floors for length							Inches in Ship							Inches in Ship						
" " Angles							3 1/2	3 1/2	4	3 1/2	3 1/2	4	" Intercoastal Plate for length							Inches in Ship							Inches in Ship						
MARGIN PLATE, depth (exclusive of flange) and thickness							3 1/2	-	9	30	-	9	" Attached to outside plating with Angle							Inches in Ship							Inches in Ship						
" " Angles to Outside Plating							3 1/2	3 1/2	8	3 1/2	3 1/2	8	BILGE STRINGER Angles							6 1/2							4 1/2						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							60	-	9-5	36	-	9-5	" Bulb Plate for length							22							9-5						
" " thickness in Engine and Boiler space							-	-	9-4	-	-	9-4	" Intercoastal Plate for <i>full</i> length							22							9-5						
" " Remainder in Holds							-	-	9/16	-	-	9/16	SIDE STRINGERS Angles							6 1/2							4 1/2						
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							4 1/2	3	10-9	4 1/2	3	10-9	" Bulb or Plate above floors for <i>full</i> length							22							9-5						
" " Angles on Upper Edge							-	-	-	-	-	-	" Attached to outside plating with Angle							4							3 1/2						
" " Average space							-	24	-	-	24	-	Main and Raised Quarter Deck Stringer Plate, breadth and thickness							4 3/2							10-5						
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							-	-	-	-	-	-	" Angle on ditto							5 x 4 x 10							5 x 4 x 10						
" " Angles on Upper Edge							-	-	-	-	-	-	" Tie Plates fore & aft, outside Hatchways							-							8/16						
" " Average space							-	-	-	-	-	-	" Diagonal Tie Plates on Bms., No. of Pairs							-							4/16						
BEAMS, Hold, Plate or Tee Bulb							-	-	-	-	-	-	" Main Dk* Iron or Steel for <i>full</i> length							-							7/16						
" " Angles on Upper Edge							-	-	-	-	-	-	" R. Q. Dk* Iron or Steel for length							-							-						
" " Average space							-	-	-	-	-	-	" Wood Deck, Material & thickness							-							-						
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb							4 1/2	3	10-4	4 1/2	3	10-4	Lower Deck Stringer Plate, breadth and thickness							25							4						
" " Angles on Upper Edge							-	-	-	-	-	-	" Angles on ditto, No.							3 x 3 x 4							4						
" " Average space							-	24	-	-	24	-	" Tie Plates, outside Hatchways							-							-						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							4 1/2	3	9	4 1/2	3	9	" Deck* Material and thickness							-							-						
" " Angles on Upper Edge							3	3	4	3	3	4	Hold Stringer Plate							-							-						
" " Average space							-	45	-	-	45	-	" Angles on ditto, No.							-							-						
CLARS, In 'tween Decks, Size and Spacing							-	-	-	-	-	-	Poop Deck Stringer Plate, breadth & thickness							25							4						
" " Hold							4	45	-	4	45	-	" Angle on ditto							3 x 3 x 4							4						
" " Quarter, 'tween Dks.,							-	-	-	-	-	-	" Tie Plates							-							5/16						
" " in Hold							4	45	-	4	45	-	" Deck, Material and thickness							Iron							5/16						
WEB FRAMES, In Fore Body, No. and Spacing							-	-	-	-	-	-	Forecastle Deck Stringer Plate, brdth & thcknss							32							4						
" " Brdth. & Thickness							-	-	-	-	-	-	" Angle on ditto							3 x 3 x 4							4						
" " No. of Side Stringers							2	8	Spaces	2	8	Spaces	" Tie Plates							Partly plated							5						
WEB FRAMES, In E. & B. Space, No. & Spacing							2	8	Spaces	2	8	Spaces	" Deck, Material and thickness							5							5						
" " Brdth. & Thickness							22	-	8	22	-	8	BULKHEADS.							In Vessel							Per Rule						
FRAMES, In After Body, No. and Spating							-	-	-	-	-	-	W.T. BULKHEADS							5							5						
" " Brdth. & Thickness							-	-	-	-	-	-	PARTITION							-							-						
" " No. of Side Stringers							-	-	-	-	-	-	LONGITUDINAL,,							-							-						
" " Size of Angles or Tee Bars to Web Frames							6	4	12	6	4	12																					
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							-	-	-	-	-	-																					

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

BULKHEADS.		Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
In Vessel.	Per Rule.			Horizontal.	Vertical.	Horizontal.	Vertical.		
				Size.	Spacing.	Size.	Spacing.		
				Inches.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	5	5	4-6	32	40	32	40	45	6 ft. 6 in. up
PARTITION	-	-	-	-	-	-	-	-	-
LONGITUDINAL	-	-	-	-	-	-	-	-	-

Are the outside Plates doubled two spaces of Frames in length?

Are the Stairs, Valves and Watertight Doors in efficient working order?

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*)

14/10/99 (M). 13/11/99 (E) 15/11/99 (N)

Workmanship. Are the butts of plating planed or otherwise fitted? Planed.

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?

from the faying surfaces?

Do any rivets break into or through the seams or butts of the plating?

Do the holes for riveting plate to frames, butt straps, or plate

Are the rivet holes well and sufficiently countersunk in the plate and punched

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. 23, par. 24)?

State results of tests

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)?

State results of tests

General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with approved plans (Midships section forwarded to London 26/11/00) the Secretary's letters, & otherwise in conformity with the rules, the workmanship, & material being good.

This vessel is a sister ship to the S.S. "Hartburn" Newcastle report No. 40499. A duplicate midships section is enclosed

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24 ft., R.Q.D. or Break √ ft., Bridge Dk. 750 ft., F'castle 340 ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) 1 Deck iron. 1 Tier beams, & deep framing

Official No.; Signal Letters

How are the surfaces preserved from oxidation? Inside Cement & paint

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,	120 [✓]	335 [✓]	Fore peak tank,	✓	✓
Double bottom, under Engines and Boilers,	16 [✓]	47 [✓]	After peak tank,	16 [✓]	116 [✓]
Double bottom, if under Engines only,	✓	✓	Midship deep tank,	✓	✓
Double bottom, if under Boilers only,	120 [✓]	308 [✓]	Other tanks, if fitted,	✓	✓
Double bottom, forward,			(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, Satisfactory

Order for Special Survey No. 3102
Date 14-11-99
No. 103 in builder's yard
Dates of Surveys held while building
1899 Dec. 11, 14, 19, 21, 1900 Feb. 22, 25, Mar. 1, 6, 8, 13, 15, 21, 23, 28, 30, Apr. 13, 16, 19, 22, 24, 26, May 1, 14, 15, 17, 22, 24, 26, June 6, 11, 14, 19, 22, 26, 29, July 3, 4, 9, 11, 12, 13, 14, 17, 20, 26, 31, Aug 2, 5, 9, 14, 16, 21, 24, 29, 31, Sept. 3, 6, 14, 17, 20, 22, 25, 26, Oct. 3, 5, 10, 12, 16, 17, 18, 22, 24, Nov. 5, 10, 12, 14, 15, 16, 20, 21, 22
Total No. of Visits 85

The amount of Entry Fee £ 5 : : :
Special £ 82 : 1 : :
Certificate * £ : : : :
Travelling Expenses, if any £ : : : :

Fees applied for,
21 NOV 1900
Received by me,
29.11.18 09

* Certificate to be sent to

Newcastle-on-Tyne.

State whether the Vessel has been built under Special Survey
I am of opinion this Vessel should be Classed + 100A1 Steel
With, or without Freeboard, as condition of Class Without

James C. Surpin.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

FRI. 30 NOV 1900

Character assigned

+ 2 m/c 11.00 h/v
+ 100A1 steel

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