

1 or 2 Dks., R.Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 1369

MUN. 23 MAR 1908

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

Date of completion of Report 21st March 1908

Date, First Survey 14th September 1905

Port of Harrow-in-Turness

Last Survey 21st February 1908

Rig 3 Masted Fore & Aft Schooner.

Survey held at

On the

Steel Screw Steamer
"RUTH"

ONE DECKED VESSEL.

CLASS 100A1.

Master

E. Wang

Year of appointment

(1) As master in service of
owner of present vessel:—19
(2) As master of this
vessel:—19

Built at

Manlyport

When built

1908-2

Launched 20th February 1909

By whom built

W. Walker,

Owners

W. Butler Wang

Managers

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

Residence

Lonsberg, Norway.

Port belonging to

Lonsberg

TONNAGE under Tonnage Deck...	405.35
Do. of Poop	41.83
Do. of Raised Qr.	14.84
Do. of Bridge House	3.86
Do. of Forecastle Side House	11.68
Do. of Houses on Deck	27.14
Do. of excess of Hatchways	24.42
Do. above Crown of Engine Room	559.12
Gross Tonnage	28.16
Less Crew Space	24.42
Less above Crown of Engine Room	506.54
AGE FOR FEES	272.41
Engine Room	28.16
Navigation Spaces	26.33

Register Tonnage as out on Beam	232.22
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Half Breadth (moulded) 14.0

Depth from upper part of Keel to top of Main Deck Bms. 13.4

Girth of Half Midship Frame (as per Rule) 25.62

1st Number 53.32

Length on deck from after part of stem to fore part of stern post 158.92

2nd Number 84.73

Proportions—Breadths to Length 5.64

Depths to Length—Main Deck to top of Keel 11.6

Destined Voyage Glasgow for Machinery If Surveyed while Building, Afloat, or in Dry Dock Building Afloat

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
158	11	28	0	12	5	12	5	1	One	One

Dimensions of Ship per Register, Length, 160.5 breadth, 29.15 depth, 11.0 Moulded Depth, 13 ft. 12 ins. Round of Beam, Actual 7 ins.

FRAMING.

FRAME, Angles, 7, E or L Bars, for 1/2 length amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. for 1/2 at each end	32	6	15 1/2	6	15 1/2	6
Do. in way of Double Bottoms at Solid Floors.	32	6	15 1/2	6	15 1/2	6
Spacing of Frames from centre to centre	22	5	22	5	22	5
REVERSED FRAME, Angles on floors	32	6	15 1/2	6	15 1/2	6
DEEP FRAMING, depth of girder	15 1/2	6	15 1/2	6	15 1/2	6
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	7.8	5	7.8	5	7.8	5
in way of Engines and Boilers	See approved plan					
thickness at the ends of vessel	See approved plan					
depth at 1/2 the half breadth, as per Rule	See approved plan					
height extended at the Bilges	See approved plan					
FLOORS & BRACKETS, in Coll. Double Bottoms						
state if flanged (top & bottom)						
Spacing	30	8	30	8	30	8
CENTRE GIRDER, in Double Bottom, depth and thickness	32	32	7	32	32	7
Angles, Top	32	32	7	32	32	7
Bottom	32	32	7	32	32	7
SIDE GIRDERS, number on each side & thickness	Three	6	Three	6	Three	6
state if flanged (top & bottom)						
Angles	32	32	7	32	32	7
MARGIN PLATE, depth (exclusive of flange) and thickness	25	6	25	6	25	6
Angles to Outside Plating	32	32	7	32	32	7
Floors	32	32	7	32	32	7
Height of Floors at the Bilges	32	32	7	32	32	7
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	Plated at shipyard					
thickness in Engine and Boiler space						
Remainder in Holds	5	3	5	3	5	3
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	5	3	5	3
Angles on Upper Edge	22		22		22	
Spacing	22		22		22	
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	5	3	5	3
Angles on Upper Edge	22		22		22	
Spacing	22		22		22	
BEAMS, Hold, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Spacing						
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	4	3	9	4	3	9
Angles on Upper Edge	44		44		44	
Spacing	44		44		44	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4	22	6	4	22	6
Angles on Upper Edge	22		22		22	
Spacing	22		22		22	
PILLARS, in tween Decks, Size and Spacing						
Hold						
Quarter, tween Dks.,						
in Hold						
WEB FRAMES, in Fore Body, No. and Spacing						
No. of Side Stringers						
WEB FRAMES, in E. & B. Space, No. & Spacing	One		One			
Brdth. & Thickness	15	6	15	6		
WEB FRAMES, in After Body, No. and Spacing						
No. of Side Stringers						
Size of Angles or Tee Bars to Web Frames	3	3	6	3	3	6
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness	Inches in Ship.	Inches in Ship.
STEM, moulding and thickness	6 1/2 x 1 3/4	6 1/2 x 1 3/4
STERN-POST for Rudder do. do.	6 1/2 x 3 1/2	6 1/2 x 3 1/2
for Propeller	6 1/2 x 3 1/2	6 1/2 x 3 1/2
MAIN PIECE of Rudder, diameter at head.	4 1/2	4 1/2
do. at heel	3 1/2	3 1/2

RUDDER, how constructed Single Plate
Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Bulb or Plate to Intercoastal Keelson	8	3	12	8	3
Horizontal Plates on Floors	32	3	7	32	3
Angles	5	3	10	5	3
SIDE KEELSON, Angles	5	3	10	5	3
Bulb or Plate above floors for length	5		5		5
Intercoastal Plate for 16 to 28 length	22	22	5	22	22
Attached to outside plating with Angle	5	3	10	5	3
BILGE KEELSON, Angles	5	3	10	5	3
Bulb or Plate above floors for length	5		5		5
Intercoastal Plate for 16 to 28 length	22	22	5	22	22
Attached to outside plating with Angle	5	3	10	5	3
BILGE STRINGER Angles	5	3	10	5	3
Bulb or Plate for length	5		5		5
Intercoastal Plate for whole length	5	3	10	5	3
Attached to outside plating with Angle	5	3	10	5	3
SIDE STRINGER Angles	5	3	10	5	3
Bulb or Intercoastal Plate for whole length	5	3	10	5	3
Attached to outside plating with Angle	5	3	10	5	3

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	23	4	23	4
Angle on ditto	3 x 3 x	4	3 x 3 x	4
Tie Plates, outside Hatchways				
Diagonal Tie Plates on Bms., No. of Pairs				
Main Dk* Iron or Steel for 1/4 length	7.6		7.6	
R. Q. Dk* Iron or Steel for whole length	7.6		7.6	
Wood Deck, Material & thickness Pitch Pine 5 x 3 1/2	5 x 3 1/2		5 x 3 1/2	
Lower Deck Stringer Plate, breadth and thickness	3 x 3 x	6	3 x 3 x	6
Angles on ditto, No. one	3 x 3 x	6	3 x 3 x	6
Tie Plates, outside Hatchways	5		5	
Deck* Material and thickness Steel				
Hold Stringer Plate				
Angles on ditto, No.				
Poop Deck Stringer Plate, breadth & thickness				
Angle on ditto				
Tie Plates				
Deck, Material and thickness				
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	16	6	16	6
Angle on ditto	3 x 3 x	6	3 x 3 x	6
Tie Plates	5 x 3		5 x 3	
Deck, Material and thickness Pitch Pine	5 x 3		5 x 3	
Forecastle Deck Stringer Plate, brdth & thcknss	24	6	16	6
Angle on ditto	3 x 3 x	6	3 x 3 x	6
Tie Plates	5		5	
Deck, Material and thickness Steel				

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

BULKHEADS.	Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
W.T. BULKHEADS	3	6	12 x 12 x 20	49	32 x 32 x 20	30
PARTITION	1	5	12 x 12 x 20	49	32 x 32 x 20	30
LONGITUDINAL						

Are the outside Plates doubled two spaces of Frames in length Large Brackets to Stringers
Are the Sluice Valves and Watertight Doors in efficient working order? None

