

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

# IRON OR STEEL STEAMER.

No. *4939a*  
MON. SEP. 24. 1906

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

Date of completion of Report *21<sup>st</sup> of September 06* Port of *Rotterdam.*

Date, First Survey *15<sup>th</sup> Feb. 06* Last Survey *18<sup>th</sup> September 1906*

Survey held at *Rotterdam.*

On the *Self Steam Trawler "Balders"*

Rig *Ketch.*

TONNAGE under  
Tonnage Deck *233.00.*

ONE OR TWO DECKED VESSEL.

Master *P. Grobal.*

Do. of Poop

CLASS

Year of appointment *06*  
(1) As master in service of  
owner of present vessel. - 19  
(2) As master of this  
vessel. - 19

Do. of Raised Qr. *14.12.*

Half Breadth (moulded) *11.316*

Built at *Rotterdam.*

Do. of Bridge House

Depth from upper part of Keel to top of Main Deck Bms. *14.311.*

When built *1906. launched 22<sup>nd</sup> August 06*

Do. of Forecastle

Girth of Half Midship Frame (as per Rule) *20.4.*

By whom built *Victor's Engineering & Shipyard Co.*

Do. of excess of Hatchways

1st Number *46.33*

Owners *Leenijeh. Maas of Rotterdam*

Do. above Crown of

Length on deck from after part of stem to fore part of stern post *132.84.*

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

Engine Room *244.12.*

2nd Number *6155.86*

Residence *Amsterdam*

Less Crew Space *34.2.*

Proportions—Breadths to Length *5.8.*

Port belonging to *Amsterdam.*

Less above Crown of

Depths to Length—Main Deck to top of Keel *9.2.*

TONNAGE FOR FEES *212.92.*

Destined Voyage *Fishing.*

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

Less Engine Room *121.61.*

Less Navigation Spaces *4.32.*

Register Tonnage  
as cut on Beam *86.99.*

LENGTH on Deck as per Rule *132* Feet. *10 1/2* Inches. BREADTH—Moulded *22* Feet. *4 5/8* Inches. DEPTH—Actual—Top of Main Deck to top of Main Deck Beams *11* Feet. *8 3/4* Inches. No. of Decks with Flat laid *One Deck.* No. of Tiers of Beams *1.*

Dimensions of Ship per Register, Length, *135.2.* breadth, *22.48.* depth, *11.24.* Moulded Depth, *13* ft. *9 3/4* ins. Round of Beam, Actual *6* ins.

## FRAMING.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, <i>E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships	3	3	6	3	3
Do. for $\frac{1}{2}$ at each end	"	"	5	"	5
Do. in way of Double Bottoms at Solid Floors.	3	3	6	3	3
" " at intermdt. Bkts.	"	"	21" <i>14 3/4</i>	"	21" <i>14 3/4</i>
Spacing of Frames from centre to centre	2 1/2	2 1/2	15	2 1/2	2 1/2
REVERSED FRAME, Angles	2 1/2	2 1/2	15	2 1/2	2 1/2
DEEP FRAMING, depth of girder	14	14	14	14	14
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	14	14	14	14	14
" in way of Engines and Boilers	9	9	9	9	9
" thickness at the ends of vessel	6	6	6	6	6
" depth at $\frac{1}{2}$ the half breadth, as per Rule	6	6	6	6	6
" height extended at the Bilges	6	6	6	6	6
FLOORS & BRACKETS, in Cell Dble Bottoms state if flanged (top & bottom)	3	3	6	3	3
" Spacing	42	42	42	42	42
CENTRE GIRDER, in Double Bottom, depth and thickness	31	31	31	31	31
" Angles, Top	2 1/2	2 1/2	6	2 1/2	2 1/2
" Bottom	2 1/2	2 1/2	6	2 1/2	2 1/2
SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom)	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2
" Angles	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2
MARGIN PLATE, depth (exclusive of flange) and thickness	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2
" Angles to Outside Plating	16 1/2	16 1/2	16 1/2	16 1/2	16 1/2
" Floors	36	36	36	36	36
Height of Floors at the Bilges	36	36	36	36	36
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	6	6	6	6	6
" thickness in Engine and Boiler space	6	6	6	6	6
" Remainder in Holds	6	6	6	6	6
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	6	6	6	6
" Angles on Upper Edge	42	42	42	42	42
" Spacing	42	42	42	42	42
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	6	6	6	6
" Angles on Upper Edge	42	42	42	42	42
" Spacing	42	42	42	42	42
BEAMS, Hold, Plate or Tee Bulb	6	6	6	6	6
" Angles on Upper Edge	42	42	42	42	42
" Spacing	42	42	42	42	42
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	6	6	6	6
" Angles on Upper Edge	42	42	42	42	42
" Spacing	42	42	42	42	42
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	6	6	6	6	6
" Angles on Upper Edge	42	42	42	42	42
" Spacing	42	42	42	42	42
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	6	6	6	6
" Angles on Upper Edge	42	42	42	42	42
" Spacing	42	42	42	42	42
PILLARS, In 'tween Decks, Size and Spacing	2 1/2	2 1/2	42	2 1/2	2 1/2
" Hold	2 1/2	2 1/2	42	2 1/2	2 1/2
" Quarter, 'tween Dks.,	2 1/2	2 1/2	42	2 1/2	2 1/2
" in Hold	2 1/2	2 1/2	42	2 1/2	2 1/2
WEB FRAMES, In Fore Body, No. and Spacing	2 1/2	2 1/2	42	2 1/2	2 1/2
" No. of Side Stringers	2 1/2	2 1/2	42	2 1/2	2 1/2
WEB FRAMES, In E. & B. Space, No. & Spacing	2 1/2	2 1/2	42	2 1/2	2 1/2
" No. of Side Stringers	2 1/2	2 1/2	42	2 1/2	2 1/2
WEB FRAMES, In After Body, No. and Spacing	2 1/2	2 1/2	42	2 1/2	2 1/2
" No. of Side Stringers	2 1/2	2 1/2	42	2 1/2	2 1/2
" Size of Angles or Tee Bars to Web Frames	2 1/2	2 1/2	42	2 1/2	2 1/2
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	2 1/2	2 1/2	42	2 1/2	2 1/2

## FORGINGS AND CASTINGS.

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

RUDDER, how constructed *Ordinary frame rudder.*  
Can the Rudder be unshipped afloat? *Yes.*

## KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	4	4	10	4	10
" Rider Plate	4	4	10	4	10
" Bulb Plate to Intercoastal Keelson	4	4	10	4	10
" Horizontal Plates on Floors	4	4	10	4	10
" Angles	4	4	10	4	10
SIDE KEELSON, Angles	4	4	10	4	10
" Bulb or Plate above floors for lng.	4	4	10	4	10
" Intercoastal Plate for length	4	4	10	4	10
" Attached to outside plating with Angle	4	4	10	4	10
BILGE KEELSON, Angles	4	4	10	4	10
" Bulb or Plate above floors for lng.	4	4	10	4	10
" Intercoastal Plate for length	4	4	10	4	10
" Attached to outside plating with Angle	4	4	10	4	10
BILGE STRINGER Angles	4	4	10	4	10
" bulb Plate for length	4	4	10	4	10
" Intercoastal Plate for length	4	4	10	4	10
" Attached to outside plating with Angle	4	4	10	4	10
SIDE STRINGER Angles	4	4	10	4	10
" Bulb or Intercoastal Plate for lng.	4	4	10	4	10
" Attached to outside plating with Angle	4	4	10	4	10

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	24	9.4	24	9.4
" Angle on ditto	3-3	4	3-3	4
" Tie Plates, outside Hatchways	8-4	6.4	8-4	6.4
" Diagonal Tie Plates on Bms., No. of Pairs	8-4	6.4	8-4	6.4
" Main Dk* Iron or Steel for	8-4	6.4	8-4	6.4
" R. Q. Dk* Iron or Steel for	8-4	6.4	8-4	6.4
" Wood Deck, Material & thickness	8-4	6.4	8-4	6.4
Lower Deck Stringer Plate, breadth and thickness	8-4	6.4	8-4	6.4
" Angles on ditto, No.	8-4	6.4	8-4	6.4
" Tie Plates, outside Hatchways	8-4	6.4	8-4	6.4
" Deck* Material and thickness	8-4	6.4	8-4	6.4
Hold Stringer Plate	8-4	6.4	8-4	6.4
" Angles on ditto, No.	8-4	6.4	8-4	6.4
Poop Deck Stringer Plate, breadth & thickness	8-4	6.4	8-4	6.4
" Angle on ditto	8-4	6.4	8-4	6.4
" Tie Plates	8-4	6.4	8-4	6.4
" Deck, Material and thickness	8-4	6.4	8-4	6.4
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	8-4	6.4	8-4	6.4
" Angle on ditto	8-4	6.4	8-4	6.4
" Tie Plates	8-4	6.4	8-4	6.4
" Deck, Material and thickness	8-4	6.4	8-4	6.4
Forecastle Deck Stringer Plate, brdth & thcknss	8-4	6.4	8-4	6.4
" Angle on ditto	8-4	6.4	8-4	6.4
" Tie Plates	8-4	6.4	8-4	6.4
" Deck, Material and thickness	8-4	6.4	8-4	6.4

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

	Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
BULKHEADS.	In Vessel.	Per Rule.	Size.	Spacing.	Size.	Spacing.
W.T. BULKHEADS	4	4	5	3-3-6	48	3-3-6
PARTITION	2	2	2	3-3-6	20	3-3-6
LONGITUDINAL	2	2	2	3-3-6	20	3-3-6
Are the outside Plates doubled two spaces of Frames in length?	Yes.					
Are the Sluice Valves and Watertight Doors in efficient working order?	Yes.					



PLATING. RIVETING.

STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS.

AMIDSHIP. FORWARD. AFT. AMIDSHIP. Single or Double. Rivets. Double or Treble and for what Length. Rivets. STRAPS. IF LAPPED.

Flat Plate Keel (If Bar Keel, state Riveting). GARBORD or A Strake. State actual thickness in way of Double Bottom.

DOUBLING of Flat Plate Keel of Bilges. Length and thickness of Sheerstrakes. of Strake below.

POOP SIDES. RAISED QUARTER DECK SIDES. BRIDGE SIDES. FORECASTLE SIDES. LENGTHS OF PLATING.

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, outside Plating, &c.?

Has the Steel been tested as required by the Rules?

FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from.

MASTS, SPARS, &c. LOWER MASTS. Fore Mast. Main Mast. Mizzen Mast. 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.

CHAIN CABLES. HAWSERS AND WARPS.

Boats. Pumps, Number. Windlass is. Engine Room Skylights. What arrangements for deadlights in bad weather? Coal Bunker Openings. Number of Scuppers, and number and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. 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 above is a correct description. Builder's Signature (here only). Surveyor's Signature.

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

Workmanship. Are the butts of plating planned or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate 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? Do any rivets break into or through the seams or butts of the plating? 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)? 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.).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ft., R.Q.D. or Break. ft., Bridge Dk. ft., F'castle 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). Official No. Signal Letters State if Machinery is fitted aft. How are the surfaces preserved from oxidation? Inside. Outside.

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

Where fitted. Length. Water Capacity. Where fitted. Length. Water Capacity.

Double bottom, aft. Double bottom, under Engines and Boilers. Double bottom, if under Engines only. Double bottom, if under Boilers only. Double bottom, forward.

Order for Special Survey No. Date. No. in builder's yard.

The amount of Entry Fee. Special. Travelling Expenses, if any £. Fees applied for. Received by me. Certificate to be sent to.

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.

LLOYD'S REGISTER OF SHIPBUILDERS.