

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

IRON OR STEEL STEAMER.

No. 1285

State if Report is also sent on the Machinery of the Vessel *yes*
Date of completion of Report *31st August*

Received at London Office *MON. 3 SEP 1906*

Port of *Göteborg*
Last Survey *31st August 1906*
Rig *2 mst schooner*

Survey held at *Lödöse & Göteborg*
On the *steel screw steamer "Beda"*
TONNAGE under Tonnage Deck *175.00*
Do. of Poop *25.59*
Do. of Raised Or. Dk. or Bridge *5.55*
Do. of Forecastle *4.65*
Do. of Houses on Deck *6.96*
Do. of excess of Hatchways *2.17.75*
Engine Room *109.80*
Gross Tonnage *109.80*
Crew Space *109.80*
above Crown of Engine Room *109.80*
Tonnage for Fees *109.80*
Engine Room *109.80*
Navigation Spaces *109.80*

ONE OR TWO DECKED VESSEL.
CLASS *100 A 1*

Master *A. G. Mellin*
Year of appointment *1906*
Built at *Lödöse*
When built *1906* Launched *31st July 1906*
By whom built *Altiaboholaget, Lödöse, Varf*
Owners *Federaboholaget, Uda*
Managers *(Where necessary to be entered in Reg. Book.)*
Residence *Göteborg*
Port belonging to *Göteborg*

Register Tonnage *109.80*
Length on Deck as per Rule *100* Feet. *2* Inches. BREADTH—Moulded *22* Feet. *3* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *11* Feet. *5 1/4* Inches. No. of Decks with Flat laid *one* No. of Tiers of Beams *one*
Dimensions of Ship per Register, Length, *100 feet* breadth, *22.4 feet* depth, *11.2 feet* Moulded Depth, *12 ft. 0 ins.* Round of Beam, Actual *5 3/4 ins.*

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	20ths in Ship.		Inches in Ship.	Inches in Ship.	20ths in Ship.
FRAME, Angles, 7, E or L Bars , for $\frac{1}{2}$ length amidships	3	2 1/2	5	3	2 1/2	5	
Do. for $\frac{1}{2}$ at each end	3	2 1/2	5	3	2 1/2	5	
Do. in way of Double Bottoms at Solid Floors							
Spacing of Frames from centre to centre	21			21			
EVERSED FRAME, Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	5	
DEEP FRAMING, depth of girder	12 1/2	6	12 1/2	6			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	12 1/2	8-6	12 1/2	8-6			
in way of Engines and Boilers		5		5			
thickness at the ends of vessel	7 1/2		6 1/4				
depth at $\frac{1}{2}$ the half breadth, as per Rule	16 1/2						
height extended at the Bilges							
FLOORS & BRACKETS, in Cell Dble Bottoms							
state if flanged (top & bottom)							
Spacing							
ENTRE GIRDER, in Double Bottom, depth and thickness							
Angles, Top							
Bottom							
DE GIRDERS, number on each side & thickness state if flanged (top & bottom)							
Angles							
MARGIN PLATE, depth (exclusive of flange) and thickness							
Angles to Outside Plating							
Floors							
Height of Floors at the Bilges							
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake							
thickness in Engine and Boiler space							
Remainder in Holds							
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4	2 1/2	6	4	2 1/2	6	
Angles on Upper Edge	21		21				
Spacing							
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	3	2 1/2	5	3	2 1/2	5	
Angles on Upper Edge	21		21				
Spacing							
AMS, Hold, Plate or Tee Bulb							
Angles on Upper Edge							
Spacing							
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	3	2 1/2	5	3	2 1/2	5	
Angles on Upper Edge	21		21				
Spacing							
AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb	4	2 1/2	6	4	2 1/2	6	
Angles on Upper Edge	21		21				
Spacing							
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4	2 1/2	6	4	2 1/2	6	
Angles on Upper Edge	21		21				
Spacing							
LARS, In between Decks, Size and Spacing							
Hold	2 1/2	42	2 1/2	42			
Quarter, between Dks.							
in Hold							
WEB FRAMES, In Fore Body, No. and Spacing							
Brdth. & Thickness							
No. of Side Stringers							
WEB FRAMES, In E. & B. Space, No. & Spacing							
Brdth. & Thickness							
WEB FRAMES, In After Body, No. and Spacing							
Brdth. & Thickness							
No. of Side Stringers							
Size of Angles or Tee Bars to Web Frames							
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							

KEEL, Bar or Side Plates depth and thickness	5 x 1 1/2	5 x 1 1/2
STEM, moulding and thickness	6 1/2 x 2 1/2	6 x 2 1/2
STERN-POST for Rudder do. do.	6 1/2 x 2 1/2	6 x 2 1/2
for Propeller	3 3/4	3 3/4
MAIN PIECE of Rudder, diameter at head	3	2 1/2 x 2 1/4
do. at heel		
RUDDER, how constructed	cast steel, hinge plate.	
Can the Rudder be unshipped afloat?	yes	

KEELSONS AND STRINGERS.				Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches in Ship.	Inches in Ship.	20ths in Ship.
CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate				3	3	8	3	3	8
Bulb Plate to Intercoastal Keelson									
Horizontal Plates on Floors									
Angles As. feet plate. Ribs				3	3	6	3	3	6
SIDE KEELSON, Angles									
Bulb or Plate above floors for lng.									
Intercoastal Plate for length									
Attached to outside plating with Angle									
BILGE KEELSON, Angles				3	3	6	3	3	6
Bulb or Plate above floors for lng.									
Intercoastal Plate for length									
Attached to outside plating with Angle									
BILGE STRINGER Angles									
Bulb Plate for length									
Intercoastal Plate for length									
Attached to outside plating with Angle									
SIDE STRINGER Angles				3	3	6	3	3	6
Bulb or Intercoastal Plate for lng.									
Attached to outside plating with Angle									

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	67-41	7-5	7-5
Angle on ditto	3 x 3	6	3 x 3
Tie Plates, outside Hatchways			
Diagonal Tie Plates on Bms, No. of Pairs			
Main Dk* Iron or Steel for full lng.		7-5	7-5
R. Q. Dk* Iron or Steel for full lng.			
Wood Deck, Material & thickness			
Lower Deck Stringer Plate, breadth and thickness			
Angles on ditto, No.			
Tie Plates, outside Hatchways			
Deck* Material and thickness			
Hold Stringer Plate			
Angles on ditto, No.			
Poop Deck Stringer Plate, breadth & thickness	12	5	9
Angle on ditto	2 1/2 x 2 1/2	5	2 1/2 x 2 1/2
Tie Plates	7	5	7
Deck, Material and thickness	2 1/2		2 1/4
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness			
Angle on ditto			
Tie Plates			
Deck, Material and thickness			
Forecastle Deck Stringer Plate, brdth & thcknss	16-12	5	
Angle on ditto	2 1/2 x 2 1/2	6	
Tie Plates	8	5	
Deck, Material and thickness	2 1/2		2 1/4

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

BULKHEADS.				STIFFENERS.				Single or Double Frames.		Height u
In Vessel.	Per Rule.	Thickness.		Horizontal.	Vertical.					
				Size.	Spacing.	Size.	Spacing.			
				Inches.	Inches.	Inches.	Inches.			
Low keelson	3	5	5 1/2 x 5 1/2	36-47	3 x 2 1/2 x 5 1/2	26	double main			
W.T. BULKHEADS										
Collision										
PARTITION										
add. stiff. by one										
add. stiff. by one										
add. stiff. by one										
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PLATING.

STRAKES.	AS IN SHIP.				AS APPROVED.		EDGES.				BUTTS.			
	AMIDSHIP.		FORWARD.		AFT.		Ordinary.		RIVETS.		STRAIPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing.	Diam.	Spacing.	Breadth.	Thickness.
FLAT PLATE KEEL (If Bar Keel, state Riveting)	50	9	7	7	50	9	dbl	4 1/2	3/4	3/8	3/4	2 7/8	15	10
GARBOARD OR A Strake	45 1/2	7	7	7	7	7	"	"	"	3	3/4	"	"	5
State actual thickness in way of Double Bottom.	44	6	7	5	6	6	"	"	"	"	"	"	"	4 3/4
B "	46	7	6	6	7	7	single	2 3/4	"	2 7/8	"	"	"	5
C "	43	6	6	5	6	6	"	2 3/4	"	2 7/8	"	"	"	5
D "	40	6	5	5	6	6	dbl	4 1/2	"	3	"	"	"	5
E "	39	7	6	6	7	7	single	2 1/2	5/8	3	"	"	"	5
F "	30	5	5	5	4	4	"	"	"	"	"	"	"	2 3/4
G "														
H "														
J "														
K "														
L "														
M "														
N "														
O "														
P "														
Double of Flat Plate Keel														
Length of Bilges	about 11 feet													
Length of Sheerstrakes	about 11 feet													
Length of Strake below	3-4													
POOP SIDES	5													
RAISED QUARTER DECK SIDES	5													
FORECASTLE SIDES	5													
LENGTHS OF PLATING	about 11 feet													

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. *Cannell Iron Co., Tanners*

Shipbuilding & Iron Co. Ltd.

Open Bessemer process.

Has the Steel been tested as required by the Rules *yes*

FRAMES extend in one length from the middle line to the main poop & forecastle decks state if ordinary or joggled *ordinary*

REVERSED FRAMES on floors and frames extend from the middle line to the upper turn of the bilges state if ordinary or joggled *ordinary*

MASTS, SPARS, &c.

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	galvanized	54 feet									
Main	"	51									
Mizzen	"										
Boomsprit											
Topmasts, Yards and Remainder of Spars	white pine										
Rigging, Material and Size, Shrouds	2 1/4" steel wire										
Sails.	One	Suit of canvas	Sails and the following spare sails none								

Equipment No. *4777* Letter *C*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 22		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
116	1st Bower	6	1	0	8	16	0	6	1	0	Shank's Patent	Cradley Heath 3rd Aug 1906
61	2nd "	5	0	0	7	7	2	5	0	0	Shank's Patent	Cradley Heath 3rd Aug 1906
	Collective weight	11	1	0	11	1	0	11	1	0		
62	Stream	1	2	0	4	4	1	1	3	0	Shank's Patent	Cradley Heath 3rd Aug 1906
971	Kedge	3	22		2	13	2	3	0			

CHAIN CABLES.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE		Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 22.	
			Fathoms.	Inches.						Fathoms.	Inches.		Fathoms.	Inches.
1777	135	13 1/16	11	2	0	47	0	45	3	135	1 3/16	Shank's Patent	Cradley Heath 4th Aug 1906	
	45	2												

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire Towline.	Length and size per Table 22.	
								Fathoms.	Inches.		Fathoms.	Inches.
	75	2 1/2	12 1/4	Shank's Patent	Cradley Heath 4th Aug 1906		75	2 1/2	12 1/4	75	2 1/2	
	90	4					90	4		90	4	

Boats *Two*

Pumps, Number *One* Diameter of Barrel *5"* State whether they are in efficient working order *yes*

Windlass is *Ordinary* **Capstan** *None*

Engine Room Skylights.—How constructed? *steel casings*

What arrangements for deadlights in bad weather? *Bulls eyes*

Coal Bunker Openings.—How constructed? *cast steel* How are lids secured? *casted covers suspended* Height above deck? *4 1/2"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *6 scuppers and 6 freeing ports 14" x 18"*

Ceiling in Holds, thickness and material *2" white pine* **Cargo Battens, thickness and material** *1 1/2" white pine*

Cargo Hatchways.—How formed? *steel casings* **Hatches.**—If strong and efficient? *yes*

State size No. 1 Hatch (Forward) *7' x 7'* No. 2 Hatch *22'9" x 11'* No. 3 Hatch *None* No. 4 Hatch *None*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 1 Hatch: one fore and after, No. 2 Hatch: two web plates & 3 fore and afters.*

Bulwarks, height above deck and description *36" steel plating* **Main Rail and Stays, material and size** *main rail 4" x 3/4", 5' x 3/4" steel plate*

The above is a correct description.

Builder's Signature (here only) _____

Surveyor's Signature *W. C. Bulrow* Surveyor to Lloyd's Register of British and Foreign Shipping.

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

initials of 1st Manda and Goldsborough letter of the 22nd Feb 1905

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

Is the riveted work properly closed? *yes*

Are the liners between the frames and plates solid single pieces? *yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c, conform well to each other? *yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes* Do any rivets break into or through the seams or butts of the plating? *no*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *yes* State results of tests *good*

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *yes* State results of tests *good*

General Remarks (State quality of workmanship, &c.) *This vessel has been built under special survey in accordance with the approved plans forwarded to London per commercial papers post. Forgings and casings as per report attached. The workmanship is good.*

Please see Goldsborough reports Nos 1033, 1078, 1098 & 1222 on the sister vessels Ashid, Vendela, Jenny & Ada.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *27.0* ft., R.Q.D. or Break *ft.*, Bridge Deck *ft.*, F'castle *13.5* 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 Pl. (Stc.) Laid & C.P. & H. 3 B.H. Cam. W.D. = 3 P.T. 26 & 2 P.T. 11 &.*

Official No. *4628*; Signal Letters *J & W* State if Machinery is fitted aft *yes*

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,			Fore peak tank,		2.6
Double bottom, under Engines and Boilers,			After peak tank,		1.1
Double bottom, if under Engines only,			Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,			Other tanks, if fitted,		

Total capacity _____ (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. _____

Date _____

No. *19* in builder's yard.

Dates of Surveys held while building *16th, 22nd, 28th Feb; 16th, 21st March; 23rd April; 7th, 21st May; 18th June; 19th, 26th July; 22nd, 24th Aug 1906*

Total No. of Visits *13*

The amount of Entry Fee£ *2 : 0 : 0* Fees applied for, *23rd Aug 1906.*

Special£ *11 : 1 : 0* Received by me, *24th Aug 1906.*

Travelling Expenses, if any £ *5 : 7 : 7*

State whether the Vessel has been built under Special Survey *yes*

I am of opinion this Vessel should be Classed *A1*

With, or without Freeboard, as condition of Class *without freeboard.*

Committee's Minute *100/171 (Stc.)*

Character assigned *Lloyds A1CP by HMC 806*

TUES. 11 SEP 1906

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