

3 Decks.

## STEEL STEAMER.

Received at London Office WED. 12 JUN 1907

Date of completion of report 8th June 1907  
Survey held at South Shields  
On the Steel Screw Steamer "DAN"  
TONNAGE under Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk. 3411.28  
Do. of Poop 29.10  
Do. of Bridge House 41.87  
Do. of Forecastle 97.66  
Do. of Houses on Dk. 22.28  
Do. of excess of Hatchways 25.69  
Do. above Crown of Engine Room 3627.81  
Less Crew Space 93.25  
Less above Crown of Engine Room 25.69  
Gross Tonnage 3508.87  
TONNAGE FOR FEES...  
Less Engine Room 1160.90  
Less Navigation Spaces 57.78  
Register Tonnage as out on Beam 2315.88

State of Report is also sent on the Machinery of the Vessel  
Port of Newcastle-on-Tyne  
Date, First Survey 14th November 1906 Last Survey 3rd June 1907  
Rig fore and aft schooner  
Master M. Kumanjovic  
Year of appointment 1900  
Built at South Shields  
When built 1907-5 Launched 30th April 1907  
By whom built John Readhead & Sons  
Owners Giovanni Raitch & Partners  
Managers  
Residence  
Port belonging to Dubrovnik

THREE DECKED VESSEL.  
CLASS 100 A1  
Half Breadth (moulded) 24.39  
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam) 27.37  
Girth of Half Midship Frame (as per Rule) 47.19  
deduct 7 feet 7.00  
1st Number 91.95  
Length on deck from after part of stem to fore part of stern post 348  
2nd Number 31996  
Proportions—Breadth to Length 7.13  
Depth to Length—Upper Deck to top of Keel 12.75  
Main Deck ditto

Dimensions of Ship per Register, Length 350.4 breadth 49.1 depth 24.8. Moulded depth, ft. 26 ins. 4 1/2 To Upper Dk.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	FORGINGS or CASTINGS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, on 7, E or L Bars for 1/2 length amidships	6 1/2	3 1/2	9	6 1/2	3 1/2	KEEL, Bar or Side Plates, depth and thickness	12 x 2 7/8	12 x 2 7/8	12 x 2 7/8	12 x 2 7/8	12 x 2 7/8
Do. for 1/2 at each end	6 1/2	3 1/2	8	6 1/2	3 1/2	STEM, moulding and thickness	12 x 2 7/8	12 x 2 7/8	12 x 2 7/8	12 x 2 7/8	12 x 2 7/8
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9-8	3 1/2	3 1/2	STERN-POST for Rudder do. do.	12 x 6 1/2	12 x 6 1/2	12 x 6 1/2	12 x 6 1/2	12 x 6 1/2
Spacing of Frames from centre to centre	6	3 1/2	9-8	6	3 1/2	MAIN PIECE of Rudder, diameter at head	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
REVERSED FRAME, Angles	7	3 1/2	9-8	7	3 1/2	RUDDER, how constructed Single Plate keyed arms forged steel					
DEEP FRAMING, depth of girder	7	10 1/2	9-8	7	10 1/2	Can the Rudder be unshipped afloat? Yes.					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	30	12	29	12	8	KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
in way of Engine and Boilers	30	12	29	12	8	CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate	47	12	47	12	12
thickness at the ends of vessel						Rider Plate	10	13	10	13	13
depth at 1/2 the half breadth, as per Rule						Bulk Plate to Intercoastal Keelson	12 1/2	12	12 1/2	12	12
height extended at the Bilges						Horizontal Plates on Floors	4 1/2	4 1/2	12	4 1/2	4 1/2
FLOORS & BRACKETS in Cell Dble Bottoms	47	8	47	8		Angles	4 1/2	4 1/2	12	4 1/2	4 1/2
state if flanged (top & bottom)	not flanged					SIDE KEELSON, Angles	4 1/2	4 1/2	12	4 1/2	4 1/2
Spacing	50					Bulk Plate above floors, for lng	17	12	17	12	12
CENTRE GIRDER, in Double bottom, depth and thickness	47	9-8	47	9-8		Intercoastal Plate, for lng	9 1/6	9 1/6	9 1/6	9 1/6	9 1/6
Angles, Top	4	4	9	4	4	Attached to outside Plating with Angle	3 1/2	3 1/2	10	3 1/2	10
Bottom	4 1/2	4 1/2	12	4 1/2	4 1/2	BILGE KEELSON, Angles					
SIDE GIRDERS, number on each side & thickness	Three	8	Three	8		Bulk or Plate above floors, for lng					
state if flanged (top and bottom)	not flanged					Intercoastal Plate for lng					
Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	Attached to outside Plating with Angle					
MARGIN PLATE, depth (exclusive of flange) and thickness	37	9	37	9		BILGE STRINGER Angles					
Angles to Outside Plating	4	4	9	4	4	Bulk Plate for lng					
Floors	3 1/2	3 1/2	8	3 1/2	3 1/2	Intercoastal Plate for lng					
Height of Floors at the Bilges	66	10-8	42	10-8		Attached to outside Plating with Angle					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						2 SIDE STRINGER Angles	6 1/2	4 1/2	12-11	6 1/2	4 1/2
in Engine and Boiler space	14 1/6	10 1/6	14 1/6	10 1/6		Bulk Intercoastal Plate, for full lng	15	9-8	15	9-8	9-8
Remainder in Holds	9-8					Attached to outside plating with Angle	3 1/2	3 1/2	9-8	3 1/2	9-8
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3 1/2	12	8	3 1/2	Upper Deck Stringer Plates, br'dth & thickness	49 1/2	42	10-8	49 1/2	42
Angles on upper edge under Bridge	9	3 1/2	13	9	3 1/2	Angle on ditto	11-10	11-10	11-10	11-10	11-10
Spacing	25					Tie Plates, outside Hatchways	increased 1/6 or 1/20				
BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	13	11	13	11		Deck * Iron or Steel, for full lng	7/16 Steel	7/16 Steel	7/16 Steel	7/16 Steel	7/16 Steel
Angles on upper edge 7 lower edge	6	4	9	6	4	Wood Deck, Material & thickness	60-42	12-8	60-42	12-8	12-8
Spacing	25					Middle Deck Stringer Plate, br'dth & thickness	4 x 4 x 9-8	4 x 4 x 9-8	4 x 4 x 9-8	4 x 4 x 9-8	4 x 4 x 9-8
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						Angles on ditto, No. Two	11 x 3 1/2 x 14	11 x 3 1/2 x 14	11 x 3 1/2 x 14	11 x 3 1/2 x 14	11 x 3 1/2 x 14
Angles on upper edge						Tie Plates outside Hatchways Base Bars	11 x 3 1/2 x 14	11 x 3 1/2 x 14	11 x 3 1/2 x 14	11 x 3 1/2 x 14	11 x 3 1/2 x 14
Spacing						Diagonal Tie Plates, No. of pairs	Sub Angle	Sub Angle	Sub Angle	Sub Angle	Sub Angle
BEAMS, Hold, or Orlop, Plate or Tee Bulb						Deck * Iron or Steel, for lng					
Angles on upper edge						Wood Deck, Material & thickness					
Spacing						Lower Deck Stringer Plate, br'dth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	9	6	3	Angles on ditto, No.					
Angles on upper edge						Tie Plates, outside Hatchways					
Spacing	25					Deck * Material and thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3	Hold, or Orlop Stringer Plate, br'dth & thickness					
Angles on upper edge						Angles on ditto, No.					
Spacing	25					Tie Plates outside Hatchways					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3	Deck * Material and thickness					
Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness	34	8	34	8	8
Spacing	25					Angle on ditto	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8
PILLARS, In 'tween Deck, size and spacing	2 3/4 in P.B.F.	2 3/4				Tie Plates	5/16	5/16	5/16	5/16	5/16
Hold	4 1/4 x Rule	4 1/4 x Rule				Deck, Material and thickness	40	10	40	10	10
Quarter 'tween Dks.,	Hatch end beams increased					Bridge Deck Stringer Plate, br'dth & thickness	4 1/2 x 4 1/2	11	4 1/2 x 4 1/2	11	11
in Hold	4 channel girders under main beams					Angle on ditto	4 1/2 x 4 1/2	11	4 1/2 x 4 1/2	11	11
WEB FRAMES, In Fore Body, No. and spacing	in lieu of quarter pillars					Tie Plates	6/16	6/16	6/16	6/16	6/16
br'dth. & thickness						Deck, Material and thickness	34	8	34	8	8
No. of Side Stringers						Forecastle Deck Stringer Plate, br'dth & th'kns	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8
WEB FRAMES, In E. & B. Space, No. and spacing	one	one				Angle on ditto	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8	4 x 4 x 8
br'dth. & thickness	40	8	40	8		Tie Plates					
WEB FRAMES, In After Body, No. and spacing						Deck, Material and thickness	Steel	Steel	Steel	Steel	Steel
br'dth. & thickness						Are the outside Plates doubled two spaces of Frames in length? Extra Brackets					
No. of Side Stringers						Are the Slide Valves and Watertight Doors in efficient working order? Yes.					
Size of Angles or Tee Bars to Web-Frames	4	3 1/2	5	4	3 1/2						
BRACKET PLATES to Stringers between Web-Frames, depth and thickness											

Form No. 1B. 250,8.5.



**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case).  
M 7: 8.12.16, 14/8/16, 31/8/06, 7/9/06, E 28/2/07

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed*  
Is the riveted work properly closed? *Yes*  
Are the liners between the frames and plates solid single pieces? *Yes*  
to plate, &c., conform well to each other? *Yes*  
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  
from the faying surfaces? *Yes*  
Do any rivets break into or through the seams or butts of the plating? *very few*  
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 *satisfactory*  
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 the plans approved by the Committee  
the Surveyor's letters of the above mentioned dates and in other respects in general conformity  
with the Rules, and the workmanship is good.*  
*The keel was sighted before launching and found straight.*  
*The approved plans 3 in number, and three forging reports are forwarded herewith*

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

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop *40.6* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *179.2* ft., F'castle *22.3* ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The Poop & Bridge are not joined.*

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 (pl. En & pl. Stl) 2 tiers of beams & deep framing 3 deck sole.*  
Official No. *401*; Signal Letters *✓* State if Machinery is fitted aft *no*  
How are the surfaces preserved from oxidation? Inside *Paint and Portland Cement* 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>113</i>	<i>441</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		<i>136</i>
Double bottom, if under Engines only,	<i>21</i>	<i>81</i>	Deep tank, aft,		
Double bottom, if under Boilers only,	<i>150</i>	<i>514</i>	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(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. *2168*  
Date *24.9.06*  
No. *401* in builder's yard.

DATES OF SURVEYS held while building  
*1906. Dec. 14, 1907. Jan. 18, 1907. Feb. 18, 1907. Mar. 18, 1907. Apr. 18, 1907. May 18, 1907. June 18, 1907. July 18, 1907. Aug. 18, 1907. Sept. 18, 1907. Oct. 18, 1907. Nov. 18, 1907. Dec. 18, 1907.*

Total No. of Visits *48*

The amount of Entry Fee ..... £ *5*  
Special Survey Fee.... £ *112* : *14* : *6*  
Traveling Expenses, if any £ .....

Fees applied for  
*11 JUN 1907*  
Received by me  
*14.6.1907*

Certificate to be sent to *Newcastle-on-Tyne*

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

*P. J. Kendall*  
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
Character assigned

*100A1*  
*Lloyds A & B O*  
*+ L.M.B. 6.6.07*

FRI. 14 JUN 1907

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