

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office SAT AUG 28 1920

Date of completion of report August 26<sup>th</sup> 1920 Port of Middlebrough  
Survey held at Middlebrough Date, First Survey November 14<sup>th</sup> 1919 Last Survey July 26<sup>th</sup> 1920  
No. 10782

On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "Urd" Rig Fore and aft Schooner

TONNAGE under 2966.35 CLASS +100 A1 Master Franz Andersen

Do. between Tonnage Dk. and 3rd and 4th Dk. Breadth (greatest moulded) 44.45 Year of appointment 1920

Total under Upper Dk. 83.02 Depth, at middle of length from top of keel to top of upper deck beams at side 24.92

Do. of Prop 125.41 Transverse Number 72.67

Do. of R.Q.Dk. 6.46 Length on deck from fore part of stem to after part of stern post 334.0

Do. of Bridge House 7.06 Longitudinal Number 24240

Do. of Forecastle 61.00 Depth "d," at middle of length (See Secs. 2 & 13) 22.0

Do. of Houses on Dk. 20.63 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 13.4

Do. of access of Hatchways 3240.23 Depth "d," at middle of length (See Secs. 2 & 13) 22.0

Do. of Engine Room 146.51 Gross Tonnage 3103.09

Less above Crown of Engine Room 20.63 Less Engine Room 1046.44

Less Navigation Spaces 15.20 Less Bridge House 113.24

Register Tonnage as cut on Beam 1948.78

Destined Voyage United States If Surveyed while Building, Afloat, or in Dry Dock While building

Length on Deck as per Rule 334 2 1/2 Breadth Moulded 44 9 Depth, Actual—Top of Floors to top of Upper Dk. Beams 22 8 1/2

Dimensions of Ship per Register, Length 334.2 breadth 48.0 depth 22.7 Moulded depth, ft. 32 ins. 5 To Bridge Dk. Round of Upper 12 ins.

Moulded depth, ft. 24 ins. 11 To Upper Dk. Dk. Beam, Actual

FRAMING. Inches in Ship Inches in Ship Inches in Ship Inches in Ship Inches in Ship Inches in Ship

FRAME, Angles, Bars amidships 9 1/2 3 1/2 5 4 9 1/2 3 1/2 5 4

Do. in peaks 6 1/2 3 1/2 4 0 6 1/2 3 1/2 4 0

Do. in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2

Spacing of Frames from centre to centre amidships 24 1/2

Reversed Frame, Angles 6 1/2 3 1/2 3 1/2 6 1/2 3 1/2 3 1/2

Do. in way of Double Bottoms at Solid Floors 3 3 3 3 3 3

Do. in way of Double Bottoms at Solid Floors 6 1/2 3 1/2 3 1/2 6 1/2 3 1/2 3 1/2

FRAMING, depth of girder 36 1/2 34 36 1/2 34

FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships 39 48 38 39 48 38

in way of Engine and Boiler Spaces 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2

thickness at the ends of vessel 3 3 3 3 3 3

depth at 1/2 the half breadth, as per Rule 3 3 3 3 3 3

height extended at the Bilges 36 1/2 34 36 1/2 34

FLOORS in Cell Double Bottoms 36 1/2 34 36 1/2 34

state if flanged (top & bottom) Neither

Spacing of Solid floors Every 3rd Frame

CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss. 39 48 38 39 48 38

Angles, Top 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2

Bottom 6 6 6 6 6 6

to Floors 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2

Brackets at intermdt. frmg., wdth & thcknss 24 36 34 24 36 34

SIDE GIRDERS, number on each side & thickness 24 36 34 24 36 34

state if flanged (top and bottom) 24 36 34 24 36 34

Angles (top and bottom) 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2 3 1/2

to Floors 3 3 3 3 3 3

MARGIN PLATE, depth (exclusive of flange) 33 42 38 33 42 38

and thickness 4 4 4 4 4 4

Angle to Outside Plating 5 5 5 5 5 5

Floors 5 5 5 5 5 5

Brackets at intermdt. frmg., wdth & thcknss 24 36 34 24 36 34

Height of Outside Brackets above at bilge 48 48

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 60 56 38 60 56 38

in Engine and Boiler space 6 4 4 6 4 4

Remainder in Holds 36 1/2 32 36 1/2 32

BEAMS, Upper Deck, Single Angle, Bulb 9 3 1/2 50 9 3 1/2 50

Angle, Plate, Tee Bulb, or Channel 24 1/2 24 1/2

In way of Long Bridge 24 1/2 24 1/2

Spacing 24 1/2 24 1/2

BEAMS, Second Deck, Single Angle, Bulb 9 3 1/2 44 9 3 1/2 44

Angle, Plate, Tee Bulb, or Channel 49 49

Angles on upper edge 49 49

Spacing 49 49

BEAMS, Third and Fourth Deck, Single Angle, Bulb 9 3 1/2 42 9 3 1/2 42

Angle, Plate, Tee Bulb, or Channel 49 49

Angles on upper edge 49 49

Spacing 49 49

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

002465-002470-0106 1/2

Lloyd's Register  
Foundation



WEB FRAMES.				FORGINGS or CASTINGS.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB-FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.			
brdth. & thickness				for Propeller			
WEB-FRAMES, In After Body, No. and spacing				RUDDER-A x D Table 22. Spaced			
brdth. & thickness				Main Piece, diameter at head			
No. of Side Stringers				at heel			
Size of Face Angles to Web-Frames							
BRACKET PLATES to Stringers between							
Web Frames, depth and thickness							
BULKHEADS.				RUDDER, how constructed			
Number, Thickness, Vessel, Per Rule, Horizontal, Vertical, Size, Spacing, Size, Spacing, Single or Double Frames, Height up, state deck.				Thickness of Plates or Single Plate			
W.T. BULKHEADS				Can the Rudder be unshipped afloat?			
N. 62				Y			
N. 85							
N. 127							
N. 153							
" COLLISION "							
PARTITION "							
LONGITUDINAL "							
Are the outside Plates doubled two spaces of Frames in length?				Bracket			
Are the Stern Valve and Watertight Doors in efficient working order?				Y			
PLATING.				RIVETING.			
AS IN SHIP.				EDGES.			
STRAKES.				BUTTS.			
FLAT PLATE KEEL				Double			
GARBOARD OF A STRAKE				Double			
State actual thickness in way of Double Bottom.							
B							
C							
D							
E							
F							
G							
H							
J							
K							
L							
M							
N							
O							
P							
Q							
R							
S							
T							
U							
V							
W							
THICKNESS OF SHEERSTRAKE							
CLEAR OF LONG BRIDGE							
DO. OF STRAKE BELOW							
DECK OF Flat Plate Keel							
Sheerstrakes							
Length and thickness.							
POOP SIDES							
SHORT BRIDGE SIDES							
FORECASTLE SIDES							
Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of edge.							
Upper Deck				Butts, Quad riveted for			
Stringer Plate				Straps, single, double or overlapped for			
Second Deck				Butts, riveted for			
Stringer Plate				Straps, single or overlapped for			
FRAMES extend in one length from				State if ordinary or jogged			
REVERSED FRAMES on floors and frames extend from				State if ordinary or jogged			
MASTS, SPARS, &c.							
LOWER MASTS							
Bowsprit							
Topmasts, Yards and Remainder of Spars							
Rigging, Material and Size, Shrouds							
Sails							

EQUIPMENT No. 25583				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS																															
Number of Certificate.				Weight, per Certificate.				Description of Anchor.				Where and when tested and Superintendent.																											
14859				1st Bower				Halls Stockless				J. Wright & Son																											
53019				2nd "				"				"																											
53521				3rd "				"				"																											
39032				4th "				"				"																											
54045				Stream				Iron Stock				J. Wright & Son																											
Kedge				"				"				"																											
Particulars of Drop Test of Cast Steel Anchors, viz.:-				1st Bower				29. 2. 6				P.D.J. 3169. 6. 6. 19.																											
Weight, Surveyor's Initials, Number of Certificate, Date of Test.				2nd "				30. 0. 2				3170 6. 6. 19.																											
				3rd "				26. 0. 24				3299 5. 8. 19.																											
				4th "																																			
CHAIN CABLES.				HAWERS AND WARPS.																																			
Number of Certificate.				Length and size supplied.				Weight of Chain Cable.				Description.				Makers of Cable.				Where and when tested and Superintendent.				Material.				Length and size supplied.				Test of Steel Wire.				Length and size per Table 31.			
53938				2552				2 1/2				270				2				25. 11. 8				25. 11. 8				25. 11. 8				25. 11. 8				25. 11. 8			
54016				15				21				270				2				25. 11. 8				25. 11. 8				25. 11. 8				25. 11. 8				25. 11. 8			
Iron Stream				90				4 1/2				90				4 1/2				25. 11. 8				25. 11. 8				25. 11. 8				25. 11. 8							
Steel Wire				90				4 1/2				90				4 1/2				25. 11. 8				25. 11. 8				25. 11. 8				25. 11. 8							
Boats				Two 24' - One 21' 7 1/2' - 22. 83' Motor. 15' frame				Steering Gear, Steam				Dunkin. New.				Steering Gear, Hand				Moor. Std.																			
Pumps, Number				One hand 6' flat run for deck.				Diameter of Barrel				State whether they are in efficient working order				Y																							
Windlass is				Black Chapman's Patent				Capstan				Steam winches																											
Engine Room Skylights.				How constructed? Plates and angles				What arrangements for deadlights in bad weather?				Bulletproof.																											
Coal Bunker Openings.				How constructed? Built up on top of deck				How are lids secured?				Battens - Impenetrable				Height above deck?				3' 6" above bridge.																			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.				6 scuppers and 6 freeing ports: 3' 6" x 1' 9" each side.																																			
Ceiling in Holds, thickness and material				3' 11 1/2" on T.T. 2 1/2" on bilges				Cargo Battens, thickness and material				6" x 2" m.r.																											
Cargo Hatchways.				How formed? Plates and angles				Hatches, if strong and efficient?				Y																											
State size No. 1 Hatch (Forward)				28' 4" x 20' 0"				No. 2 Hatch				30' 4" x 22' 0"				No. 3 Hatch				28' 4" x 22' 0"				No. 4 Hatch				28' 4" x 20' 0"											
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				Have 6 each				No. of Breasthooks				3				No. of Crutches Deep floors.																							
Bulwarks height above deck and description				48' x 26'				Main Rail, material and size				6' x 3' x 3 1/2'																											
The foregoing is a correct description of the vessel and its equipment.				FOR SMITH'S DOCK COMPANY, L.				Surveyor's Signature				J. C. Cocks				Surveyor to Lloyd's Register of Shipping.																							
Builder's Signature (here only)				J. W. G. G. G.																																			
Correspondence.				State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																																			
Workmanship.				Are the butts of plating planed or otherwise fitted?				Planed.																															
Is the riveted work properly closed?				Y																																			
Are the flues between the frames and plates solid single pieces?				Y																																			
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?				Y																																			
Do any rivets break into or through the seams or butts of the plating?				A few.																																			
Are the butts of Plating, Stringers, &c., properly shifted and strapped?				Y																																			
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?				Y																																			
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?				Y																																			
General Remarks (State quality of workmanship, &c.)				Good.																																			
This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, and in general conformity with the Rules for the class contemplated. Steering gear and winches tried and found efficient.																																							
The tonnages given in this Report were measured by the Norwegian Authorities.																																							
The Freeboards have been assigned by the Norwegian authorities, and are as follows:-																																							
Tropical water (summer)				3' 5 1/2"																																			
Tropical water (fine season)				3' 4"																																			
Summer (centre of disc)				3' 11"																																			
Winter				4' 3"																																			
The Surveyor should state the Number of Report and Name of any Sister Vessel.																																							
Plans to be forwarded with F.E. Report showing vessel as built.																																							
The amount of Entry Fee				£ 5																																			
Special Survey Fee				£ 102																																			
Travelling Expenses, if any				£																																			
State whether the Vessel has been built under Special Survey				Y																																			
I am of opinion this vessel should be Classed				* 100 A																																			
With, or without Freeboard, as condition of Class				Without.																																			
Committee's Minute				TUE. SEP. 7 1920																																			
Character assigned				100 A																																			
Lloyd's A.C.R.				L.M.C. 20																																			
Write m.f.b.																																							
Lloyd's Register Foundation																																							



GENERAL REMARKS—(continued).

Plans, seven in number, and forging report for rudder frame are enclosed herewith. The remaining forging reports will be forwarded in due course.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *33.42* ft., R.Q.D. — ft., Bridge *102.0* ft., Forecastle *33.16* ft. (in feet and tenths). When the Poop 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 BK. Stl.*

Official No. ; Signal Letters State if Machinery is fitted aft *No.*  
How are the surfaces preserved from oxidation? Inside *Paint and cement* Outside *Paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>108.2</i>	<i>257</i>	Fore peak tank,	<i>20</i>	<i>124</i>
Double bottom, under Engines and Boilers,	<i>26.4</i>	<i>67</i>	After peak tank,	<i>18</i>	<i>90</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>142.9</i>	<i>401</i>	Other tanks, if fitted,		
		Total capacity of double bottom <i>725</i>	(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. *1314*

Date *27. 11. 19.*

No. *459* in builder's yard.

DATES of Surveys held while building

1919. Nov. 14. 28. Dec. 1. 2. 5. 10. 11. 12. 15. 16. 17. 18. 23. 30. 1920. Jan. 5. 6. 9. 12. 13. 16. 19. 22. 28. 30. Feb. 2. 5. 9. 11. 13. 20. 21. 22. 24. 26. Mar. 11. Apr. 1. 8. 12. 14. 15. 19. 20. 22. 27. 28. 29. May 2. 4. 5. 6. 10. 14. 17. 19. 30. June 3. 8. 17. 22. 23. Jul. 11. 20. 22. 23. 26.

Surveyor's Signature

*F. C. Cochrane*

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Total No. of Visits *66*

Lloyd's Register Foundation

Rpt. 4.

Date of writing

No. in Sur

Reg. Book.

33986 on

Master

Engines made

Boilers made

Registered

Nom. Horse

ENGINE

Dia. of Cyl

Is the screw

in the prop

between the

liners are fi

Dia. of Tunn

collars *12*

No. of Feed

No. of Bilge

No. of Donk

In Engine

No. of Bilge

Are all the bi

Are all conne

Are they fixe

Are they each

What pipes

Are all Pipe

Are the Bilg

Dates of exa

Is the Screw

BOILERS

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long. seams

Per centages

Size of compe

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Pitch of stay

Material of s

Material

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If stiffened w

Working pre