and R.Q.DK.

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

~~IRON OR~~ STEEL STEAMER.

No. 18987.

State if Report is also sent on the Machinery of the Vessel Glo Rpt 25172 Mch 52857

Received at London Office, WED 22 MAY 1907

Date of completion of Report 14th May 1907. *Port of* Hull

Date, First Survey Dec 17/07 *Last Survey* May 10th 1907.

Survey held at Crook *Rig* Ketch.

On the Steam Trawler "VINCA."

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠100 A1 "Steam Trawler."

Master M. Kingston.

Year of appointment (1) *As master in service of owner of present vessel:*—1903 (2) *As master of this vessel* 1907

Built at Crook

When built 1907 *Launched* 16th March

By whom built The Crook Shipbuilding & Repairing Co. Ltd.

Owners Southern Steam Trawling Co., Ltd.

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

Residence Milford Haven.

Port belonging to Milford Haven.

Destined Voyage Fishing *If Surveyed while Building, and Afloat,* ~~or in Dry Dock~~ Yes

	Feet.	Inches.
TONNAGE under Tonnage Deck	269.68	
Do. of Poop		
Do. of Raised Qr. Dk. or Break	18.02	
Do. of Bridge House		
Do. of Forecastle	15.47	
Do. of Houses on Deck	5.07	
Do. of excess of Hatchways		
Do. above Crown of Engine Room	12.70	
Gross Tonnage	320.94	
Less Crew Space	26.72	
Less above Crown of Engine Room	12.70	
Tonnage for Fees	281.52	
Less Engine Room	148.07	
Less Navigation Spaces	10.06	
Less Crown of Engine Room	12.70	
Register Tonnage	136.09	
Extreme Breadth		

	Feet.	Inches.
Half Breadth (*moulded*)	11	6
Depth *from upper part of Keel to top of Main Deck Bms.* (*with the normal round up of beam*)	13	6
Girth *of Half Midship Frame* (*as per Rule*)	20	3
1st Number	45	3
Length *on deck from after part of stem to fore part of stern post*	138	6
2nd Number	63	01
Proportions—*Breadths to Length*	6	03
Depths to Length—Main Deck to top of Keel	10	28

	Feet.	Inches.
Length on Deck as	138	10½
BREADTH— Moulded	23	0
DEPTH, ACTUAL— Top of Floors to top of Main Deck Beams	12	2

No. of Decks with Flat laid One

No. of Tiers of Beams One

Ship per Register, Length, 140-0 breadth, 23-1 depth, 12.25. Moulded Depth, 13 ft. 0 ins. Round of Beam, Actual 6 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	~~16ths or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule as Appro	~~16ths or~~ 20ths per Rule ved.
, Angles, ~~T, L or L Bars,~~ for ⅜ length amidships	4½	3	9	4½	3	9
r ⅛ at each end						
way of Double Bottoms at Solid Floors		✓				
,, ,, at intermdt. Bkts.		✓				
f Frames from centre to centre		21				
SED FRAME, Angles	2½	2½	4	2½	2½	7
RAMING, depth of girder		4½			4½	
, depth and thickness of Floor Plate at mid-line for ⅜ length amidships	16		8	16		8
way of Engines and Boilers		E8, B 8				8-9 8
ickness at the ends of vessel						
pth at ¾ the half breadth, as per Rule		Straight across.				
ight extended at the Bilges		Qua			plan	
& BRACKETS, in **Cell Dble Bottoms**		✓				
,, state if flanged (top & bottom)		✓				
,, Spacing		✓				
GIRDER, in Double Bottom, depth and thickness		✓				
,, Angles, Top		✓				
,, ,, Bottom		✓				
RDERS, number on each side & thickness		✓				
,, state if flanged (top & bottom)		✓				
Angles		✓				
PLATE, depth (exclusive of flange) and thickness		✓				
Angles to Outside Plating		✓				
,, Floors		✓				
Height of Floors at the Bilges		✓				
BOTTOM PLATING, breadth and thickness of **Middle Line Strake**		✓				
thickness in Engine and Boiler space		✓				
,, Remainder in Holds		✓				
Main and Raised Quarter Deck, e Angle, ~~Bulb Angle, Plate or Tee Bulb~~	6	3	9	6	3	9
gles on Upper Edge		✓				
acing		42			42	
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		✓				
Angles on Upper Edge		✓				
Spacing		✓				
Hold, Plate or Tee Bulb		✓				
Angles on Upper Edge		✓				
Spacing		✓				
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb		✓				
Angles on Upper Edge		✓				
Spacing		✓				
Bridge or Pt. Awng. Deck, Angle, Bulb Angle Plate, or Tee Bulb		✓				
Angles on Upper Edge		✓				
Spacing		✓				
Forecastle Deck, Angle, ~~Bulb Angle, Plate or Tee Bulb~~	4½	3	7	4½	3	7
Angles on Upper Edge		✓				
Spacing		42			42	
In 'tween Decks, Size and Spacing		✓				
,, **Hold** ,, ,,	2½	As arranged				
Quarter, 'tween Dks., ,, ,,		✓				
,, **in Hold** ,, ,,		✓				
MES, 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		✓				

FORGINGS ~~AND CASTINGS.~~

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar ~~or Side~~, Plates depth and thickness ~~Bulb Plate~~	4½ x 1⅛	4½ x 1⅛
STEM, moulding and thickness. ~~Bulb Plate~~	4½ x 1⅛	4½ x 1⅛
STERN-POST for Rudder do. do.	6¼ x 3	6¼ x 3
,, for Propeller		
MAIN PIECE of **Rudder,** diameter at head	4½	4½
do. at heel	3 x 2¾	3 x 2¾

RUDDER, how constructed Forged iron frame, 2 plates.

Can the Rudder be unshipped afloat? Yes.

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	~~16ths or~~ 20ths in Ship.	Inches per Rule Or as	Inches per Rule as Appro	~~16ths or~~ 20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate		✓				
,, Rider Plate		✓				
,, Bulb Plate to Intercostal Keelson		✓				
,, Horizontal Plates on Floors		✓				
,, Angles ~~Two Bulb Angles~~	4½	3	10	4½	3	10
SIDE KEELSON, Angles		✓				
,, Bulb or Plate above floors for ..... lng.		✓				
,, Intercostal Plate for ..... length		✓				
,, Attached to outside plating with Angle		✓				
BILGE KEELSON, Angles (One)	5	4	9	5	4	9
,, Bulb or Plate above floors for ..... lng.		✓				
,, Intercostal Plate for ..... length		✓				
,, Attached to outside plating with Angle		✓				
BILGE STRINGER Angles		✓				
,, Bulb Plate for ..... length		✓				
,, Intercostal Plate for ..... length		✓				
,, Attached to outside plating with Angle		✓				
SIDE STRINGER Angles (One)	5	4	9	5	4	9
,, Bulb or Intercostal Plate for R.Q.Dk lng.	8½		7	8½		7
,, Attached to outside plating with Angle	3	3	6	3	3	6

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	28		7	28		7
,, Angle on ditto	3 x 3		7	3 x 3		7
,, Tie Plates, outside Hatchways	8		8	8		8
,, Diagonal Tie Plates on Bms., No. of Pairs	✓					
,, ~~Main Dk* Iron or Steel for~~ Spaces ..... lng.	✓					
,, R. Q. Dk* ~~Iron or~~ Steel for ..... lng.			6/16			6/16
,, Wood Deck, Material & thickness P. Pine	3			3		
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	✓					
,, Angle on ditto	✓					
,, Tie Plates	✓					
,, Deck, Material and thickness	✓					
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness	✓					
,, Angle on ditto	✓					
,, Tie Plates	✓					
,, Deck, Material and thickness	✓					
Forecastle Deck Stringer Plate, brdth & thckns			5/16			5/16
,, Angle on ditto	3 x 2½		7/20	3 x 2½		7/20
,, Tie Plates In centre	5	4	5/16	5	4	5/16
,, Deck, Material and thickness P. Pine	2½			2½		

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

BULKHEADS.

	Number. In Vessel.	Number. Per Rule.	Thickness. ~~16ths or~~ 20ths.	STIFFENERS. Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	3	3	6	3 x 3	6/20		48 30	Single	DK
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

Are the outside Plates doubled two spaces of Frames in length? Diamond plates

Are the Sluice Valves and Watertight Doors in efficient working order? None.

Rpt. 1A. 5c.6,6.

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WED. 22 MAY 1907

PLATING.

STRAKES.	AS IN SHIP. AMIDSHIP. Breadth.	Thickness.	FORWARD. Thickness.	AFT. Thickness.	PER RULE OR AS APPROVED. AMIDSHIP. Breadth.	Thickness.
	Inches.	16ths or 20ths	16ths or 20ths	16ths or 20ths	Inches.	16ths or 20ths
FLAT PLATE KEEL (If Bar Keel, state Riveting)	Bar Keel					
GARBOARD or A Strake	42	10	10	10	42	10
B „		8	8	8		9
C „		8	8	8		9
D „		9	9	9		9
E „		8	8	8		8
F „	36	9/16	10	10	36	9/16
G „	✓					
H „	✓					
J „	✓					
K „	✓					
L „	✓					
M „	✓					
N „	✓					
O „	✓					
P „	✓					
DOUBLING of Flat Plate Keel	✓					
Length and thickness of Bilges	✓					
Length and thickness of Sheerstrakes	✓					
Length and thickness of Strake below	✓					
POOP SIDES	✓					
RAISED QUARTER DK. SIDES		9/16		8/16		
BRIDGE SIDES	✓					
FORECASTLE SIDES			5/16			
LENGTHS OF PLATING	Seven frame spaces.					

Write 'Sheer Strake' opposite its corresponding letter.

RIVETING.

Lower EDGES. Ordinary or Joggled? Ordinary

Single or Double.	Breadth of Lap. Inches.	RIVETS. Diam. Inches.	RIVETS. Spacing cr. to cr. Inches.	BUTTS. Double or Treble and for what Length.	RIVETS. Diam. Inches.	RIVETS. Spacing cr. to cr. Inches.	STRAPS. Breadth. Inches.	STRAPS. Thickness. 16ths or 20ths.	IF LAPPED. Breadth. Inches.	IF LAPPED. For what Length. Feet.
		1	5	T full L	3/4	2 5/8	11 1/4	10		
Double	4 1/2	3/4	3	T 1/2 L	"	"			7/2	Full
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"			"	"
"	"	"	"	" " "	"	"			"	"
"	"	"	"	T full L	"	"	11 1/4	10/16		

Main Stringer Plate { Butts, ~~treble~~ riveted for Double full length ~~amidship~~. Straps, ~~single, double or~~ overlapped for full length ~~amidship~~.

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.? Mild Steel
South Durham, Brodingham, Consett.

Has the Steel been tested as required by the Rules Yes

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? T. & D.
Inner Bottom Plating, riveting of **Edges** ✓ **Butts** ✓
Centre Girder Butts, ✓ riveted. **Keelson Butts,** Double riveted.
Frames, riveted through Plates with 3/4 in. Rivets, about 5 apart.
Rivets, state whether of Iron or Steel Iron.

FRAMES extend in one length from Keel to gunwale. state if ordinary or joggled Ordinary.
REVERSED FRAMES on floors and frames extend ~~from~~ across top of floors. state if ordinary or joggled Ordinary.

MASTS, SPARS, &c.

		Material.	Total length.	Diameter and Thickness. At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles. Number.	Angles. Size.	Riveting. Seams.	Riveting. Butts.
Lower Masts	Fore											
	Main											
	Mizen	P. Pine	24-6	12								
Bowsprit ✓												

Topmasts, ~~Yards~~ and Remainder of **Spares** Polish Pine
Rigging, Material and Size, **Shrouds** ½ Galvd wire. **Stays** Galvd Wire
Sails. One Suit of Sails and the following spare sails ✓

Equipment No. ✓ Letter ✓. ~~Tonnage U.Dk. or~~ Plating No. for Trawlers 6301.

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 22. Cwts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
31269	1st Bower	6	2	0	1	2	14	8	15	0	0	6	1	0	Ordinary	W.P. Parkes & Co.	L.P.H.T. 29-3-07. Perring
31282	2nd „	5	1	21	1	1	14	7	14	0	7	5	3	0	"	"	" 29-3-07 "
31270	3rd „	3	2	0	-	3	14	5	18	3	0	3	1	0	"	"	" 28-3-07 "
	Collective weight	15	1	21								15	1	0			
	Stream	✓															
	Kedge	✓															

If Patent state Name of Patentee. If Stockless, state Mechanical Tests.

CHAIN CABLES.

Number of Certificate.	Length and size supplied. Length. Fathoms.	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable. Supplied. Cwts. qrs. lbs.	Per Table 22. Cwts. qrs. lbs.	Length & Size per Table 22. Length. Fathoms.	Diam. Ins.	Description.	Makers of Cables.	Where and when tested and Superintendent.
									Stud		
31516	120	1 1/8	22 3/4	34 1/8	77-3-0	77-2-21	120	1 1/8	Link	Parkes & Co.	26-2-07. Perring
Iron Stream Chain or Steel Wire	✓										

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. Fathoms.	Cir. Ins.	Breaking Test of Steel Wire Towline. Tons.	Length and Size per Table 22. Length. Fathoms.	Cir. Ins.
TOWLINE					
HAWSERS & WARPS	60	2 1/4	9 1/2	60	2 1/4
" Steel "	60	2	7	60	2
" "					

Boats One
Pumps, Number Three Diameter of Barrel 6-4½ State whether they are in efficient working order Yes.
Windlass is by Cammell & Laird. **Capstan** ✓
Engine Room Skylights.—How constructed? Teak.
What arrangements for deadlights in bad weather? Teak flaps and bulleyes.
Coal Bunker Openings.—How constructed? Plates and angles and Cast iron rings Battened down How are lids secured? Bolted and Screwed. Height above deck? 10" and Flush
Number of **Scuppers,** and number and dimensions of **Freeing Ports,** &c. On each side. 7 Scuppers. 4 Freeing Ports 24" × 12".
Ceiling in Holds, thickness and material See note next page **Cargo Battens,** thickness and material ✓
Cargo Hatchways.—How formed? Plates and angles **Hatches.**—If strong and efficient? Yes
State size **No. 1 Hatch** (Forward) 3-6 × 3-6 **No. 2 Hatch** 10-6 × 3-6 **No. 3 Hatch** ✓ **No. 4 Hatch** ✓
Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch
No. of Breasthooks Four **No. of Crutches** One × dup floors
Bulwarks, height above deck and description 3-4 × 5/16 Main Rail and Stays, material and size 4" × 3" × 3/20. Steel B.A.

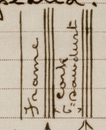
The above is a correct description. For the Goole Shipbuilding & Repairing Co. Ltd. Managing Director.
Builder's Signature (here only) Herbert C. Craggs *Surveyor's Signature* Allison B. Wilson.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Rpt. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*)
(M) 26-11-06 (S) 19-3-07.

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 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? A 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)? Trawler State results of tests ✓
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.) Workmanship good.
This vessel has been built in accordance with the approved plans. The Dockyard letters of the above dates and in general conformity to the Rules for the class contemplated.
The fish room has been insulated as per sketch



Two thicknesses of 3/4" pine with oiled paper between.

Accompanying this report:- Plans of Midships Section, Profile, Pumping arrangements, and Reports on Ships Fittings.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. or Break 44.5 ft., Bridge Dk. ✓ ft., F'castle 22-0 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 DK.
Official No. 121618; Signal Letters ✓. State if Machinery is fitted aft Yes.
How are the surfaces preserved from oxidation? Inside Portland Cement and 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, ✓		
Double bottom, under Engines and Boilers, ✓			After peak tank, ✓		
Double bottom, if under Engines only, ✓			Deep tank, aft ✓		
Double bottom, if under Boilers only, ✓			Deep tank, forward	33.25	24
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. 1656
Date 29/11/06
No. 9 in builder's yard
Dates of Surveys held while building: 1906:- Dec 17. 20. 24. 1907:- Jan 3. 10. 12. 19. 25. Feb 8. 11. 15. 18. 21. 22. March 8. 11. 13. 21. 26. Apr 4. Apr 9. 10. 18. May 3. 7. 10.
Total No. of Visits 27.

The amount of Entry Fee £2:-:- Fees applied for, 21/5/1907
Special £14:2:- Received by me, 28/5/1907
Travelling Expenses, if any £1:1:-
Certificate to be sent to Hull
State whether the Vessel has been built under Special Survey Yes.
I am of opinion this Vessel should be Classed ✠100 A1 "Steam Trawler."
With, or without Freeboard, as condition of Class Without.
Allison B. Wilson.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. MAY 24 1907
Character assigned 100 A1 (SL)
Stm trawler
Lloyd's at CP + Lmc 5.07

The Surveyors are requested not to write on or below the Committee's Minute

Certificate issued 18/6/07.

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for

TICULARS ~~AS ENTERED IN~~ REGISTER BOOK. Sc. K. Vinca (Hull Report No. 18987)

REFRIGERATING MACHINES.					System of (1) Refrigeratng (2) Insulating the Chambers.	POWER.		INSULATED CARGO CHAMBERS.		Notation and Date of Last Survey.
and whether gle or Duplex.	Makers.	Date of Construction.	System.	Type.		Cubic feet of air delivered per hour.	Ice melting capacity per 24 hours. Tons.	No.	Capacity.	
~~Sa~~	Linde British	1904	Ammonia	Linde	1. Air.		10	1	6000 ℄	
uplex	Refrigerating Co Ltd				2. Sawdust Cork					

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Dates of examination of completion of fitting of Sea Connections 29. april 07 of Stern Tube 29. april 07 Screw shaft and Propeller 29. april 07