

STEEL STEAMER ~~or~~ MOTORSHIP

29 JAN 1937

State if Report has been sent on the Freeboard of the Vessel *in*State if Report is sent on the Machinery of the Vessel *in*Date of completion of report *22<sup>nd</sup> January 1934*Port of *HULL*Survey held at *Beverley & Hull*Date First Survey *28<sup>th</sup> May 1936*Last Survey *18<sup>th</sup> January 1934*On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Ketch "ST. NIDAN"*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Steam Trawler*State Type of Erections *Raised quarters deck & wheelhouse*TONNAGE under Tonnage Deck *449.40*CLASS *100 A1*State if with freeboard as condition of Class *20*Built at *Beverley*

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 140.33*Launched *30<sup>th</sup> November 1936* Yard No. *620*Total *449.40*Breadth (greatest moulded) *B 29.0*Builder *Cook, Wilton & Gummie Ltd*Gross Tonnage *564.50*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 15.5*Owners *Thomas Hamling & Co Ltd*Register Tonnage *209.45*1st Longitudinal Number (L x D) *= 2640.11*

Managers

2nd Numeral L x (B + D) *= 4549.60*

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

## REGISTERED DIMENSIONS. FEET.

Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓*Residence *St Andrews Dock Hull*Length *142.25*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.99*Port of Registry *Hull*Breadth *29.15*Do. Long Bridge to top of keel *✓ 16*

If surveyed while building, afloat, or in dry dock

Depth *14.40*Draught Moulded *✓ 16**Building and afloat.*

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b> .....	20 6 21	✓	<b>Bracket Floors, Frame</b> .....		
" " from length to Collision bulkhead .....	16	✓	" " Reversed Frame .....		
" " in peaks .....	18 aft 16 fore	✓	" " Vertical Struts .....		
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>		
<b>Frame Amidships, Angle, E or C</b> .....	5 3 .38	✓	" " top Angles .....		
" " Extends up to .....	deck	✓	" " bottom Angles .....		
<b>Reversed Frame Amidships, Angle</b> .....	3 3 .38	✓	<b>Side Girders, No. each side and thickness</b> .....		
" " Extends up to .....	where no concrete is fitted	✓	<b>Margin Plate depth (excl. of flange) and thickness</b> .....		
<b>Depth of Framing Girder</b> .....			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, E or C</b> .....			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem .....		
" " <b>Second 'tween Decks, Angle, E or C</b> .....			" " Gussets, spacing and scantling abaft 1/2 len. from stem .....		
" " <b>Third " " " " " "</b> .....			" " Gussets, spacing and scantling forward 1/2 len. from stem .....		
<b>Framing in Peaks, Angle, E or C</b> .....	5 3 .38	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	3/4 5 1/2	✓			
<b>State if Frame Joggled</b> .....	No.	✓	<b>INNER BOTTOM PLATING.</b>		
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b> .....	lower deck stringers & beams Biltz Keelson	✓	Breadth and thickness of Middle Line Strake .....		
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b> .....	closer frame spacing	✓	Thickness of remainder in Holds .....		
<b>SINGLE BOTTOM.</b>			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room? .....		
<b>Floors, Depth and thickness at mid-line in Holds</b> .....	19 x .40	✓	<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame .....	flat top	✓	<b>Uppermost Continuous Deck, amidships in Walls, Angle, E or C</b> .....	6 1/2 3 .46	✓
<b>Middle Line Keelson, on Floors, Angle, E or C</b> .....	8 3 1/2 .46	✓	" " in way of Bridge, Angle, E or C .....		
" " Through Plate or Intercostal Plate .....	✓		Spacing .....	alternate frames	
" " Foundation Plate on Floors .....	✓		<b>Second Deck, amidships, Angle, E or C</b> .....		
" " Flat Plate Keel Angles .....	✓		Spacing .....		
<b>Side Keelsons, No. each side</b> .....	5 4 .44	✓	<b>Third Deck, amidships, Angle, E or C</b> .....		
" " thickness of Intercostal Plate .....	✓		Spacing .....		
" " Angles <i>side stringers</i> .....	5 4 .42	✓	<b>Fourth Deck, amidships, Angle, E or C</b> .....		
<b>DOUBLE BOTTOM.</b>			Spacing .....		
<b>Solid Floors, thickness and spacing</b> .....			<b>Poop Deck, Angle, E or C</b> .....		
" " Are Frame and Reversed Frame joggled? .....			Spacing .....		
<b>Bracket Floors, breadth and thickness at middle line</b> .....			<b>Bridge Deck, Angle, E or C</b> .....		
" " breadth and thickness at margin plate .....			Spacing .....		
			<b>Whaleback Forecastle Deck, Angle, E or C</b> .....	4 1/2 3 .40	✓
			Spacing .....	30	



PILLARS AND DECKS.			
	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.	
<b>PILLARS, No. of Rows.....</b> One.			
„ in 'tween Decks, Size and Spacing .....			
„ „ „ „ „ „			
„ in Holds „ „	3" dia.	/	
„ „ „ „			
<b>Centre Line Bulkhead.</b>			
Stiffeners and Spacing .....			
Plating, thickness of .....			
<b>STRINGERS AND DECKS.</b>			
<b>Uppermost Continuous Deck.</b>			
Stringer Plate, breadth and thickness in Wells	34" x .38"	✓	
„ „ „ „ in way of Bridge	✓		
„ Angle in Wells .....	3 3 .38"	✓	
Thickness of Plating abreast Deck openings/ in way of Wells .....	11" x .38"	✓	
Thickness of Plating abreast Deck openings/ in way of Bridge .....	.38" - .31"	✓	
Thickness of Plating within line of openings...	.44" - .31"	✓	
If Sheathed, material and thickness .....	5" x 3" P.P.	✓	
<b>Second Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	✓		
Stringer Plate, breadth and thickness in way of Bridge .....			
Thickness of Plating abreast Deck openings/ in way of Bridge .....			
Thickness of Plating within line of openings...			
If Sheathed, material and thickness .....			
<b>Third Deck.</b>			
Stringer Plate, breadth and thickness .....			
If Plated, state thickness .....			
<b>Fourth Deck.</b>			
Stringer Plate, breadth and thickness .....			
If Plated, state thickness .....			
<b>Poop Deck.</b>			
Stringer Plate, breadth and thickness .....			
Plating, Sheathing, material and thickness ..			
<b>Bridge Deck.</b>			
Stringer Plate, breadth and thickness .....			
Plating, Sheathing, material and thickness ..			
<b>Whaleback Forecastle Deck.</b>			
Stringer Plate, breadth and thickness .....	.31.	✓	
Plating, Sheathing, material and thickness ..	.31.	✓	

SCANTLINGS.						EDGES.		RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if Joggled?	HOLLS.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.			SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.				Diam.	Spacing or to cr. Inches.		Diam. Inches.	Spacing or to cr. Inches.	
<i>Starboard.</i>													
PLATE PLATING KEEL ..... A	36"	50.	50.	50.	/	2 Rows	3/4"	2"	3 Rows	3/4"	2 1/2"	Straps	
" Base of keel B	60.	42.	50.	38.	/	"	"	"	"	"	"	Laps	
BOTTOM PLATING, No. of Strakes ..... C	60.	42.	50.	38.	/	"	"	"	"	"	"	"	
BILGE PLATING, No. of Strakes ..... D	56.	42.	38	38.	/	"	"	"	"	"	"	Straps	
SIDE PLATING, No. of Strakes ..... E	60	44	38	38.	/	"	"	"	"	"	"	"	
UPPER DECK, Sheer strake in Wells..... F	60.	44.	38	38.	/	"	"	"	"	"	"	"	
UPPER DECK, Sheer strake in Bridge ... G	44	62 1/2.	44	44.	/	"	"	"	"	"	"	"	
STRAKE BELOW Sheer strake in Wells.....													
STRAKE BELOW Sheer strake in Bridge ...)													
POOF SIDE PLATING .....													
BRIDGE SIDE PLATING ...													
<i>Whaleback.</i>													
Bottom Side PLATING	/	/	31	/									

FORGINGS and CASTINGS.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *Open hearth process.*  
*South Durham Steel Co.; Corbett Iron Co. Ltd.; Dorman Long, & Co. Ltd.; Appleby-Frodingham Steel Co. Ltd.*  
*Steel Coy. of Richmond Ltd.; Colvilles Ltd.; Stammers & Co. Iron Co. Ltd.*  
 Has the Steel been tested as required by the Rules? *Yes.*

ANCHORS.

## HAWSERS AND WARPS.

Steering Gear, Steam <i>by Bonkin &amp; Co. Newcastle.</i>		Steering Gear, Hand <i>Tellers.</i>	
Boats <i>One wood cutter.</i>	Steering Chains, Size and Test <i>1 1/2" : 13 1/2 tons test.</i>	Windlass <i>by Gemmell &amp; Sons, Hull.</i>	
Ceiling in Holds, thickness and material <i>3" oak &amp; 2 1/2" pitch pine.</i>		Cargo Battens, thickness, material and spacing <i>close lined 9" x 2" Pitch Pine.</i>	
Cargo Hatchways. — (Upper Deck)	<div style="display: flex; justify-content: space-between;"> <div> <i>Steel plates and angles.</i>  <i>to store</i> </div> <div> <i>Thickness of Hatches 3"</i>  <i>to Fish Room</i> </div> </div>		
Size of No. 1 Hatchway (Forward)	<i>3'-6" x 3'-6" No. 2</i>	<i>3'-6" x 3'-4" No. 3</i>	<i>1. Fish Room</i> <i>4'-6" x 3'-4" No. 4</i>
			<i>2. Fish Room</i> <i>4'-6" x 3'-4" No. 5</i>
			<i>3. Fish Room</i> <i>4'-6" x 3'-4" No. 6</i>
			<i>4. Fish Room</i> <i>4'-6" x 3'-4"</i>
Number of Shifting Beams and/or Fore and Afters <i>None.</i>		<i>Stairing</i> <div style="text-align: right;"> <i>COOK, WELTON &amp; GEMMELL, LTD.</i>  <i>Choirale</i> </div>	
Builder's Signature			

**GENERAL DECLARATION.** It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel no.  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo no. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This trawler has been built in accordance with the approved plans & the Society's Rules. The workmanship & materials appear to be satisfactory. The fore & after peaks, cod lives and tanks; cod lives oil residue tanks in cruiser stern; N.T. flat aft; decks & waterways. casings; hand pumps & N.T. door have been satisfactorily tested. The vessel is fitted with cruiser stern & berty rudder. The approved plans are: Trawship Section: Profile & decks: Stern frame & Berty Rudder: Pumping Arrangements. The vessel has been fitted with two booms of 4" wire combination wire rope instead of two 6" hemp rope as owners desire.

This vessel is a sister ship to the "St. Catharine" Hull List Entry Report 15: 4-249.

The amount of Entry Fee ..... £ 4 : 0 : 0 <sup>Fees applied for,</sup> 28 JAN 1937 <sup>19</sup> *John*

Special Survey Fee ... £ 56 : 10 : 0 <sup>Received by me,</sup> 11-2 372 1/2 <sup>19</sup>

Travelling Expenses, if any £ : 5 : 0

I am of opinion the Vessel should be Classed **+ 100 A.1.**  
**STEAM TRAWLER.**

State whether the Vessel has been built under Special Survey *Yes.*

Certificate to be sent to *Hull.* Date of issue *12/2/37*

Signature *H. P. W. E. for W. B. England.*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned  
+ 100 ft  
Steam Trawler  
Lloyd's ar. c. p.  
+ Linc. 1.37  
Spt.  
22, 1937  
L.



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Handwritten notes and diagrams, including a plan of the vessel's hull and various measurements.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower ✓ 2nd „ ✓ 3rd „ ✓
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ✓ ft., R.Q.D. 91.1 ft., Bridge ✓ ft., Forecastle 29.4 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks 1 Deck.

Official No. 164999. Signal Letters Is bottom of vessel coated with cement Yes if not give particulars of composition Bitumastic stone bottom cement.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	10.45	8 ✓
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,	✓	✓
Double bottom, forward,			Other tanks, if fitted,	✓	✓
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 3104

Date 28th May 1936

Dates of Surveys held while building

1936:— May 28 June 5.10.16.24.30 July 4.4.8.14.22.28.31  
Aug 6. Sept 1.4.9.15.18.23.28.29 Oct 2.6.13.20.21.27  
Nov. 3.6.17.26.28 Dec. 2.8.10.14.16.23.30.  
1937:— Jan 2.6.12.14.18.

Total No. of Visits 45