

STEEL STEAMER or MOTORSHIP.

172 JAN 1954

Received at London Office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report 16 DEC 1953 Port of HULL No. 59944
Survey held at SELBY & HULL Date First Survey 14. 7. 53 Last Survey 24. 11. 1953On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW TRAWLER "NORTHERN CROWN"State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) FULL SCANTLING State Type of Erections R.Q.D. & F.C.E.TONNAGE under Tonnage Deck 599.22Do of space or spaces between Tonnage Dk. and Upper Dk. 1Total ✓Gross Tonnage 803.73Register Tonnage 290.70

REGISTERED DIMENSIONS.

FEET

Length 183.4Breadth 32.15Depth 15.65CLASS #100.A.1.
STEAM TRAWLER.State if with freeboard as condition of Class NoLength from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 180.0Breadth (greatest moulded) B 32.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 16.51st Longitudinal Number (L x D) 29702nd Numeral L x (B + D) 8730Framing Depth "d," at middle of length. See Sec. 3 (1d) 10.9Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.9Do. Long Bridge to top of keel ✓Draught Moulded ✓Built at SELBYLaunched 17th MARCH 1953 Yard No. 1386Builders COCHRANE & SONS LTDOwners NORTHERN TRAWLERS LTD.Managers ✓
(Where necessary to be entered in Reg. Book)Residence GRIMSBYPort of Registry GRIMSBY

If surveyed while building, afloat, or in dry dock

BUILDING & AFLOAT & IN DRY DOCK

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.
FRAMES, Spacing amidships.....	21' ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead.....	17' ✓		" " Reversed Frame.....		
" " in peaks <u>FORE</u> <u>AFTER</u>	17' ✓		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Amidships, <u>5 1/2 3 40</u> ✓			" " top Angles		
" Extends up to.....	<u>UPPER & R.Q.D.</u> ✓		" " bottom Angles.....		
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness.....		
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness		
Thickness of Framing Girder.....	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		
Angles in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " Third " " " " " "	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
from 1/2 len. for'd. to 15% len. from Stem	<u>5 1/2 3 40</u> ✓		Tank Side Brackets, height above base line at toe of Frame and thickness		
in Peaks, Angle or [.....	<u>5 1/2 3 40</u> ✓		INNER BOTTOM PLATING. <u>For 81-95.</u>		
Enter and Spacing of Rivets through Frame and Shell Plating amidships	<u>3/4 5/4</u> ✓		Breadth and thickness of Middle Line Strake.....	<u>30</u> ✓	
if Frame Joggled.....	<u>No.</u> ✓		Thickness of remainder in Holds	<u>30</u> ✓	
the scantlings and arrangements in the Panting Area in accordance with the Rules or as approved? <u>YES.</u>			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?.....	✓	
the scantlings and arrangements in way of the Bottom Forward in accordance with Rules and/or as approved? <u>YES.</u>			BEAMS.		
BOTTOM.			Uppermost Continuous Deck, amidships in		
Depth and thickness at mid-line in Holds.....	<u>20 40</u> ✓		Wells, Angle, [or]	<u>6 3 36</u> ✓	
Height of Brackets at side above base line at toe of frame.....	✓		" " in way of Bridge, Angle, [or]	✓	
Line Keelson, on Floors, Angles, <u>[or]</u>	<u>12 4 4 36</u> ✓		Spacing	<u>20 1/2 21</u> ✓	
" " Through Plate or Inter-costal Plate	✓		Second Deck, amidships, Angle, [or]		
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [or]		
Side Keelsons, No. each side.....	<u>1</u> ✓		Spacing.....		
" " thickness of Inter-costal Plate.....	✓		Fourth Deck, amidships, Angle, [or]		
" " Angles	<u>5 4 50</u> ✓		Spacing.....		
DOUBLE BOTTOM.			Poop Deck, Angle, [or]		
Solid Floors, thickness and spacing			Spacing.....		
" " Are Frame and Reversed Frame joggled?			Bridge Deck, Angle, [or]		
Bracket Floors, breadth and thickness at middle line			Spacing.....		
" " breadth and thickness at margin plate.....			Forecastle Deck, Angle, <u>[or]</u>	<u>5 3 40</u> ✓	
			Spacing.....	<u>30</u> ✓	

EQUIPMENT No. 8730.							LETTER Z.		ANCHORS.						
Number of Certificates	Anchors.	WRIGHT, EX. STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 25.		Description of Anchor.	Makers.	Where and when tested, and Superintendent.			
		Cwts.	qrs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.				Cwts.		
73830	1st Bower	16	0	14			17	9	2	12	BRITANNIC (CAST STEEL HEAD)	RICHARD SMITH & SONS LTD	L.H. CRADLEY HEATH 8/19/33. H. PHILLIPS.		
73922	2nd "	14	0	26			15	16	3	14	8" D°	D°	L.H. CRADLEY HEATH 23/19/33. H. PHILLIPS.		
	3rd "														
	Collective weight														
73923	Stream	5	0	7	1	0	21	7	9	2	21	5 (EX STOCK)	ORDINARY PATRON	D°	L.H. CRADLEY HEATH 23/12/33. H. PHILLIPS.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.						Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statio- tory.	Break- ing.	Supplied.			Per Rule.	Length.	Diam.	Length.	Cir.					Length.	Cir.				
88158	Fathoms 171	Inch. 1 7/8	Tons. 340	Tons. 51-0	Owts.	qrs.	lbs.	167-0	1/2	Owts.	159 1/2	Fathoms 165	Inch. 1 7/8	STND LINK.	RICHARD SYMES & SON LTD	L.P.H. CRADLEY LEATH- WORTH. H. PHILLIPS.	TOWLINE	Fathoms 60	Inch. 6 1/2	Tons.	Fathoms 60	Inch. 6"
	(SPECIAL REQUIREMENT)																HAWSEERS } & WARPS	60	6 1/2		60	6"
																	"	60	6 1/2		60	6"
Iron Steam Chain or Steel Wire		Cir.											Cir.				"					

Steering Gear, Type (Power or hand) DONKINS STEAM HYDRAULIC Alternative Means of Steering HANDWHEEL ON GEAR

Steering Chains (Size and Test) ✓ Windlass STEAM (GENERAL & PLAN) Boats 2-24'-0" x 7'-6" x 3'-0"

Ceiling in Holds, thickness and material 2 1/4" OAK Cargo Battens, thickness, material and spacing 2" WHITEWOOD
3" ON WHITE

Cargo Hatchways.—(Upper Deck) 5 (APPROX. WOOD COVERS) Thickness of Hatches 2 3/4" WOOD
Nº 34. 5. MACGREGOR STEEL COVERS 1/4" STEEL

Size of Hatchways No. 1 (Fwd.) 24' x 34' No. 2 5'-0" x 3'-9" No. 3 5'-6" x 3'-9" No. 4 5'-6" x 3'-9" No. 5 5'-6" x 3'-9" No. 6

Number of Shifting Beams } 6'-6"
for Fore and Afters }

Builder's Signature V. Gray DIRECTOR

AL 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 Yes.
(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 (where required to be inserted in the Notation).

THIS SHIP HAS BEEN BUILT UNDER SPECIAL SURVEY IN CONFORMITY WITH THE SOCIETY'S RULES & REGULATIONS AND SECRETARY'S LETTERS. THE SCANTLINGS & ARRANGEMENTS OF THE SHIP ARE AS GIVEN IN THE REPORT AND AS SHEWN AND AMENDED ON THE APPROVED PLANS NOW FORWARDED. ALL MODIFICATIONS OR ADDITIONS TO THE ORIGINAL APPROVED ARRANGEMENTS MADE DURING CONSTRUCTION HAVE BEEN INDICATED ON THE PLANS AND HAVE BEEN APPROVED AS BEING IN ACCORDANCE WITH, OR BY STANDARDS EQUIVALENT TO, THE RULE REQUIREMENTS.

THE PLANS OF MIDSHIP SECTION & PROFILE & DECKS SHOWING THE SHIP AS BUILT, NOW FORWARDED HEREWITH, HAVE BEEN CHECKED WITH THE APPROVED ARRANGEMENTS & FOUND IN ORDER.

THE MATERIALS & WORKMANSHIP ARE GOOD.

DISCREET OIL TANK
THE FORE PEAK TANK, AFTER PEAK TANK, BOILER FEED TANK, OIL FUEL BUNKERS, LIVER OIL TANKS & FOOT'S TANK TANKS SATISFACTORILY TESTED TO RULE REQUIREMENTS. WINDLASS & STEERING GEAR TRIED UNDER WORKING CONDITIONS & FOUND SATISFACTORY. DECKS, CASINGS, SIDESCUTTLES, SKYLIGHTS ETC HOSE TESTED AND FOUND SATISFACTORY.

Total No. of W.T. BULKHEADS in Vessel—						CASTINGS AND CASTINGS.			
Extending to Upper Deck (Sec. 3 c)		4 WT. S.O.T.				Casting or Forging.	Castings.	Maker's Name.	Any Repetition from Approved Plans to be noted.
Deck next below		5 for R.B.				KEEL, Bar	8x2"		
As per Rule						STEM	8x2"		
MIDSHIP BULK'H'D, Upper tween decks		STIFFENERS.				STERN FRAME	Propeller Post	Rudder	Speed of Vessel
		VERTICAL.		HORIZONTAL.					
		Plating Thickness.	Scantlings.	Spacing.	Scantlings.	Spacing.			
" "	Second								
" "	Third								
" "	Holds	.30 ✓ .44	6x3x30 24"	24" 20"	✓				
COLLISION	(in Hold)	.26 ✓ .40	4x3x32 24"	24" 24"	✓				
	AFTER PEAK	.26 ✓ .45	4x3x40 24"	24" 30"	✓				
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)						RUDDER—Type	STREAMLINE		
STEEL. PLATES DORMAN LONG. APPLEBY FRODINGHAM. CONSETT IRON CO. SECTIONS. DORMAN LONG. APPLEBY FRODINGHAM. SKINNINGCROVE IRON CO.						" A x D	191.59		
						" Diam. of head	7 1/4		
						" Mainpiece at top pintle	7 1/4 x 1/2		
						" " heel	4 1/2 x 1/2		
						" how constructed	FORGED PLATE T.S. BARTER WELDED PLATES. LEANS LTD.		
						" double or single plate coupling, vertical or horizontal	DOUBLE HORIZONTAL.		
Has the Steel been tested as required by the Rules?									

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

White Huel.

CL

+LMC 11.53
15B 225 lb. (544.)

Fitted for Oil Fuel 11.53 F.P. above 150°F.

+LMC 11.53

1 SB 225 ch. (Sept.)

CL

002194-002205-0157 $\frac{1}{2}$

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.)

PROFILE & DECK, STRUCTURAL SECTIONS
SHELL EXPANSION, STERNFRAME & RUDDER, SHELL EXPANSION, F.W. TANKS IN B.R.M.
OIL FUEL BUNKER, CRUISER STERN, STEM PLAN, TANK TOP & CR GIRDER,
BULKHEAD PLAN, FOR STRINGER, LIVER OIL TANKS, MACGREGOR STEEL HATCH COVERS,
PROFILE & DECK & STRUCTURAL SECTIONS (AS FITTED).

FORGINGS -

STERNFRAME	SUNDERLAND RPT 6 . 4541.
STEM FOOT	" " 4327.
RUDDER HEAD & FRAME	" " 4139.
TILLER & KEEP	" " 5462.
TRUNNION	" " 5480.
QUADRANT & KEEP	" " 5477.

AFTER LAUNCHING & BEFORE COMPLETION THE COAL BUNKERS WERE REMOVED AND
OIL FUEL BUNKERS FITTED IN ACCORDANCE WITH APPROVED PLANS.
THE VESSEL WAS PLACED IN DRYDOCK FOR THIS PURPOSE & THE ASH SHOOT APERTURE
IN THE SHELL PLATING PLATED OVER.
THE ABOVE WORK WAS CARRIED OUT BY THE HUMBER ST ANDREWS ENG^g CO, HULL,
AS SUBCONTRACTORS TO THE BUILDERS

OIL FUEL IS CARRIED IN CROSS BUNKER AT FORWARD END OF MACHINERY SPACE.

PARTICULARS OF ELECTRIC WELDING (if employed)

SHEERSTRAKE BOTTOM SEAM IN WAY OF BUNKERS. F STRAKE TOP & BOTTOM SEAMS IN WAY OF BUNKERS
E STRAKE TOP & BOTTOM SEAMS BETWEEN GALLOWES. BUTTS OF SHEERSTRAKE & F STRAKE IN WAY OF BUNKERS
BUTTS OF E STRAKE BETWEEN GALLOWES. OIL FUEL BUNKERS.

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

*100.A.I. STEAM TRAWLER. LLOYDS A&C.P. CRUISER STERN.

RADAR. D.F. E.S.D

PART ELECTRIC WELDED.

RADAR Equipment (State if fitted) YES.

State Type or Pattern No. DECCA.

State } Maker. DECCA.
Name } and/or
of } Supplier.

Particulars of Drop Test of
Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower	9-3-14 (WEL' CUP & PINS)	A.E.G.	6951.	9/10/52
2nd "	8-2-16 (" ")	A.E.G.	7003.	30/10/52.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 97'4 1/2 ft., Bridge ☒ ft., Forecastle 35'16 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 184918. Signal Letters. Extreme Breadth over Belting 38'4 1/8" Over-all Length 198'8"

No. and Material of Decks 1 STEEL.

Parts of Bottom of Vessel coated with cement or approved composition THROUGHOUT EXCEPT O.F. BUNKERS & BOILER FEED TANK.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	9'11"	10.0
Double bottom, under Engines and Boilers,			After peak tank,	5'3"	6.0
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	20'1 1/2"	11.5	Other tanks, if fitted, OIL FUEL BUNKERS	24'0"	311 (0.4)
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3072

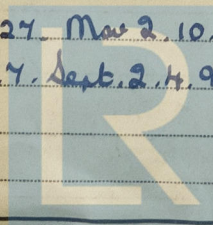
Date 7.5.52

Dates of Surveys
held while building

1952 July 14, 17, 21, 24, 31, Aug 29, Sept 3, 10, 25, Oct 9, 21, Nov 4, 11, Dec 4, 12, 19.
1953 Jan 1, 3, 6, 9, 12, 14, 17, Feb 23, 25, 27, Mar 2, 10, 13, 17, 26, 31, Apr 10,
May 7, June 3, 10, July 22, Aug 5, 17, 27, Sept 2, 4, 9, 10, 11, 15, 16, 17, 21,
Oct 6, Nov 6, 17, 23, 24.

Total No. of Visits 54.

For S.S.O.F. see main ship Southern Sceptre, yd No. 1387.



Lloyd's Register
Foundation