

DISCLOSED

SECTION

No. 832-A

N/N "NISOS" TUG CHIOS"
STEEL STEAMER OR MOTORSHIPState if Report has been sent on the Freeboard of the Vessel *Yes*State if Report is sent on the Machinery of the Vessel *Yes*

DISCLOSED

SECTION

No. 832-A

No. 51952

Date of completion of report *4th March 1943*Port of *Hull*Survey held at *Selly and Hull*Date First Survey *24th June 1942*Last Survey *1st March*

1943

On the (State if Machinery fitted with and if Single, Twin or Triple Screw)

Steel Single Screw Steam Yag "SAUCY"

(Machinery fitted aft)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

*Hull Scantling*State Type of Erections *Forecastle*TONNAGE under Tonnage Deck *440.79*Do. of space or spaces between Tonnage Dk. and Upper Dk. *✓*Total *440.79*Gross Tonnage *596.52*Register Tonnage *17*CLASS **100 A-1.*State if with freeboard as condition of Class *No.*

"FOR TOWING SERVICES"

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *142'-6"*Breadth (greatest moulded) *B 33'-0"*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 16'-0"*1st Longitudinal Number (L x D) *2280*2nd Numeral L x (B + D) *6982.5*Framing Depth "d," at middle of length. See Sec. 3 (1d) *✓*Proportions—Depth to Length—Uppermost continuous deck to top of keel *89'*Do. Long Bridge to top of keel *✓*Draught Moulded *14'-2"*Built at *Selly.*Launched *26th October 1942* Yard No. *1257*Builders *Bochane & Sons Ltd.*Owners *The Admiralty*Managers *✓*
(Where necessary to be entered in Reg. Book)Residence *London*Port of Registry *✓*

If surveyed while building, afloat, or in dry dock

During construction

REGISTERED DIMENSIONS.

FEET

th *146-75*th *33-2**15-2*

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.....	22 ✓		Bracket Floors, Frame		
" " from 1/2 length amidships to Collision bulkhead.....	22 ✓		" " Reversed Frame.....		
" " in peaks	22 ✓		" " Vertical Struts		
DE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, E or F.....	5 1/2 3 34 ✓		" " top Angles		
" " IN BOILER ROOM C ✓	7 3 40 ✓		" " bottom Angles.....		
" " Extends up to.....	UPPER DECK		Side Girders, No. each side and thickness.....		
Reversed Frame Amidships, Angle, E or F.....	3 3 45 ✓		Margin Plate depth (excl. of flange) and thickness		
" " IN BR RM ✓	3 3 45 ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
" " IN ENG RM ✓	3 1/2 3 1/2 50 ✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Extends up to.....	ACROSS FLOORS		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....		
Depth of Framing Girder.....	5 1/2 ✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
Frames in Uppermost Continuous 'tween Decks, Angle, E or F.....			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " Second 'tween Decks, Angle, E or F.....			INNER BOTTOM PLATING.		
" " Third			Breadth and thickness of Middle Line Strake.....		
" " from 1/2 len. for'd. to 15% len. from Stem			Thickness of remainder in Holds		
" " in Peaks, Angle or F.....	7 3 34 ✓		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?.....	Yes. ✓	
" " After Deck	5 1/2 3 34 ✓		BEAMS.		
" " Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4" - 5/4"		Uppermost Continuous Deck, amidships in	5 1/2 3 32 ✓	
" " if Frame Joggled.....			" " Wells, Angle, E or F.....	AND	
" " the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			" " in way of Bridge, Angle, E or F.....	6 3 32 ✓	
" " the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			" " Spacing	21" 2 22" ✓	
DOUBLE BOTTOM.			" " AT FORE END C	7 3 34 ✓	
" " rs, Depth and thickness at mid-line in Hold, BOILER ROOM	18" x 45 ✓		Second Deck, amidships, Angle, E or F.....		
" " IN ENGINE ROOM	-50 ✓		" " Spacing		
" " Height of Brackets at side above base line at toe of frame. AT ENDS	22 x 35 ✓		Third Deck, amidships, Angle, E or F.....		
" " Line Keelson, on Floors, Angle, E or F.....	12 x 4 x 36 x 43 lbs. ✓		" " Spacing		
" " Through Plate or Inter-costal Plate	✓		Fourth Deck, amidships, Angle, E or F.....		
" " Foundation Plate on Floors	✓		" " Spacing		
" " Flat Plate Keel Angles	✓		Poop Deck, Angle, E or F.....		
Keelsons, No. each side.....	Two		" " Spacing		
" " thickness of Inter-costal Plate.....	✓		Boat		
" " Angle IN BOILER ROOM ONLY	6 4 56 ✓		Bridge Deck, Angle, E or F.....	4 3 30 ✓	
DOUBLE BOTTOM.			" " Spacing	44" ✓	
" " Solid Floors, thickness and spacing			Forecastle Deck, Angle, E or F.....	7 3 34 ✓	
" " Are Frame and Reversed Frame joggled?			" " Spacing	22" 2 44" ✓	
" " Bracket Floors, breadth and thickness at middle line					
" " breadth and thickness at margin plate.....					

(MADE IN ENGLAND.)

DISCLOSED
SECTION

No. 832-A

011912-011926-0119 1/2

Lloyd's Register
Foundation

PILLARS AND DECKS.

[illegible]

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
GARBOARD	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel	40	40	40	40		DOUBLE	3/4	6 PR. R.	THREE	3/4	2 5/8	STRAPPED	
" Dblg. (if any)	✓	✓				✓			✓				
Bottom Plating, No. of Strakes 2	B 71	36	36	36		DOUBLE	3/4	6 PR. R.	TWO	3/4	2 5/8	LAPPED	
Bilge Plating, No. of Strakes 1	C 62	36	36	36		"	"	"	"	"	"	"	
Side Plating, No. of Strakes 1	D 60	36	36	36		"	"	"	"	"	"	"	
Upper Deck, Sheer-strake in Wells	E 61	36	36	36		"	"	"	"	"	"	"	
Upper Deck, Sheer-strake in Bridge	F 44	46	38	38		DOUBLE	3/4	6 PR. R.	THREE	3/4	2 7/8	STRAPPED	
Strake below Sheer-strake in Wells	G 53	38	38	38		DOUBLE	3/4	6 PR. R.	TWO	3/4	2 7/8	LAPPED	
Strake below Sheer-strake in Bridge	✓	✓				✓			✓				
Poop Side Plating	✓	✓				✓			✓				
Bridge Side Plating	✓	✓				✓			✓				
Forecastle Side Plating	44	31				DOUBLE	3/4	6 PR. R.	TWO	3/4	2 7/8	LAPPED	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4BH for record
Extending to Upper Deck (Sec. 3 c)	6 ✓
„ Deck next below	✓
As per Rule	44

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT BAR ROLLED	7" x 1 3/4"	✓	
STEM	" " "	7" x 1 3/4"	✓	
STERN FRAME	Propeller Post	FORGING 7 7/8" x 3 3/4"	T. S. FORSTER & SONS.	
	Rudder	" 14" x 9" x 3 3/4"	✓	
Speed of Vessel		12.13 KNOTS	✓	
RUDDER—Type		DOUBLE PLATE.	✓	
" A x D.		22 1/2 x 6	✓	
" Diam. of head		8"	✓	
" Mainpiece at top pintle		8" x 6 1/4"	✓	
" " heel		1 1/2" x 6 1/4"	✓	
" how constructed		FORGED & BUILT	✓	
" double or single plate		DOUBLE	✓	
" coupling, vertical or		HORIZONTAL	✓	
" horizontal				

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
O.T.	ON FRAME N ^o 29		7" x 3" - 33		12" x 38 PT.	
MIDSHIP	BULKH'D, Upper 'tween decks	35 - 30	5 1/2 x 3 - 35	24"	5 1/2 x 3 - 35	✓
"	" " " Second "	38 35 - 30	7 x 3 - 33	24"	12" x 38 PT.	✓
"	" " " Third "	51 34 - 30	5 1/2 x 3 - 32	24"	5 1/2 x 3 - 35	✓
"	" " " Hold "	53 34 - 30	5 1/2 x 3 - 42 - 35	23" - 25"	12" x 38 PT.	✓
"	" " " " "	53 34 - 30	5 1/2 x 3 - 40 - 35	24"	3 x 3 - 30	✓
"	" " " " "	" " " " "	" " " " "	" " " " "	STEEL FLAT.	✓
COLLISION	" " " (in Hold)	72 34 - 30	7 x 3 - 30	24"	STEEL FLAT.	✓
"	" " " " "	67 50	4 x 3 - 40		✓	
AFTER PEAK	" " " " "	5 30	5 x 3 - 39	24"	✓	

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). OPEN HEARTH PROCESS.
PLATES. DORMAN, LONG & CO. LD. APPLEBY-FRODINGHAM STEEL CO. LD. CONSETT IRON CO. LD.
SECTIONS. CONSETT IRON CO. LD. DORMAN, LONG & CO. LD. SKINNINGGROVE IRON CO. LD. APPLEBY-FRODINGHAM S. CO. LD.
Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 69825												LETTER		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.					
55666	1st Bower	14	1	0	Stockless				15	16	3	14	✓	14	Halls type Cast steel head	Not stated	Bradley Heath 19-12-42. W. V. Norman
55665	2nd "	14	0	21	"				15	16	3	14	✓	14	" " "	" "	" " "
	3rd "																
	Collective weight	28	1	21										28			
✓	Stream		✓														

CHAIN CABLES.												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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Clr.	Tons.		Fathoms.	Clr.
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.				Fathoms	Ins.	Tons.	Fathoms	Ins.
66310	150 1/2	1 3/16	25 3/8	38	111	0	21	108 1/2	150	1 3/16	Stud hulk	B. Hingloy Sons.	Bradley Heath 17-12-42 W.V. Norman	TOWLINE HAWSERS } & WARPS }	✓ 60 60	✓ 7 5 1/2	✓ 60 60	✓ 7 5 1/2
Iron Stream Chain or Steel Wire	✓	Clr.							✓	Clr.								

Steering Gear, Type (Power ~~or hand~~) DONKIN & CO. LTD. Alternative Means of Steering HAND GEAR - DONKIN & CO. LTD.

Steering Chains (Size and Test) NONE. Windlass STEAM - CLARKE, CHAPMAN & CO. LD. 1 MOTOR BOAT 25' 8"
Boats 1 LIFEBOAT 23' 0"

Ceiling in Holds, thickness and material 1 3/8" WHITE PINE. Cargo Battens, thickness, material and spacing 1 3/8" W.P. - 6"

Cargo Hatchways.-(Upper Deck) STEEL PLATES & ANGLES. Thickness of Hatches 3" W.P. & STEEL PLATE COVERS.

Size of Hatchways: AFT. No. 1 (Fore) 8' 0" x 6' 0" No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters ✓

Builder's Signature FOR COCHRANE & SONS, LTD.
J. Cochran DIRECTOR

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 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 vessel has been built in accordance with the approved plans, the Secretary's letters of various dates, and in general conformity with the Rules for the class contemplated.

The materials & workmanship are good.

Peak tanks, water ballast tanks forward, fresh water feed water tanks, and oil fuel tanks have been tested to rule requirements and found in order. Flash point of oil fuel 150°F.

Oil fuel tanks are situated between the engine & boiler spaces, and immediately forward of the boiler room.

Decks, casings, W.T. bulkheads &c. hot tested and found in order. Shell plating clear of tanks also hot tested and found in order.

A freeboard has been assigned, the marks cut in on the vessel's sides and verified.

Windlass & steering arrangements tried under working conditions and found in order.

The supervision of the specification has been carried out.

The amount of Entry Fee..... £ ✓ : Fees applied for, (Special notations, where part of class, to be stated.)

Special Survey Fee. 2 FEE £ 141-0-0 Received by me, I am of opinion the Vessel should be Classed +100 A-1.

FOR SUPERVISION OF SPECIFICATION Travelling Expenses, if any £ ✓ : "FOR TOWING SERVICES"

State whether the Vessel has been built under Special Survey yes. Signature J. Macleod
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Hull. Date of issue 12/4/43

Committee's Minute TUES. 6 APR 1943

Character assigned +100 A-1
For Towing Services

Lloyd's Arch. Ed. breadth. E. S. D. Fitted for oil fuel 33 Gallons 150°F.
22, Ch.

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

01192 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.)

The approved plans are being retained for reference in dealing with sister-vessels under construction.

The following reports are enclosed herewith:—

Stern frame Sld. Rpt. No 7602
Rudder frame + rudder head. " " 7709.

This vessel is a sister ship to H.M. tug "HORSA"—Hull Rpt. No 51868.

An echo sounding device has been fitted.

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. flats forward + aft welded at ship's sides.
Approved electrodes used.

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

*100 A.I.

"FOR TOWING SERVICES".

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

1st Bower	9-0-5 mel. pins.	A.E.G.	7467.	2-11-42
2nd "	9-1-14 "	"	A.E.G.	7452- 29-10-42.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 27-66 ft.

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

Official No. ☒ Signal Letters ☒ Extreme Breadth over Belting 34-87 ft. Over-all Length 156-7 ft.
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 DK (STL).

Parts of Bottom of Vessel coated with cement or approved composition Bituminastic clear of oil fuel tanks. ☒

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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	11-5	22
Double bottom, under Engines and Boilers,			After peak tank,	11-0	39
Double bottom, if under Engines only,			Deep tank, aft, WATER BALLAST TANK	7-33	20
Double bottom, if under Boilers only,			Deep tank, forward, FRESH WATER TANK	9-16	36
Double bottom, forward,			Other tanks, if fitted, FEED WATER TANK	3-60	18
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		6
					10

Order for Special Survey No. 9316

Date 9th April 1942.

Dates of Surveys held while building

1942:— June 24. 29. July 2-6. 12-15. 21-24. 28. 31. August 12-19. 21-25. Sept. 2-9. 15-18. 21-24. 29. Oct. 2-6. 9-14. 19-27. 30. Nov. 3-9. 13-24. 27. Dec. 1-8. 11-16. 22-24. 29.
1943:— Jan. 6-8. 11-13. 18-20. 27. Feb. 1-5. 12-15. 19-20. 22-24. 25-26. March 1.

Total No. of Visits 55