

Rpt. 1
RECEIVED

17 APR 1944

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office.

14 APR 1944

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

Yes

State if Report is sent on the Machinery of the Vessel

Yes

Glasgow Rpt No: 68304

Date of completion of report

5th April 1944.

Ports of Belfast and Glasgow

No. 13662

Survey held at Belfast and Glasgow

Date First Survey 16 February 1943 Last Survey

30 March 1944

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

NASSARIUS Single screw motor tanker. Machinery aft

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

Full Scantling

State Type of Erections Poop Br. Side

TONNAGE under Tonnage Deck ...

7232.77

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

7232.77

s Tonnage

8245.97

ster Tonnage

4768.01

REGISTERED DIMENSIONS.

FEET

th 46.5.6

dth 59.5

h 33.85

CLASS +100A1. carrying Petroleum in bulk

State if with freeboard as condition of Class

No

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L 460

Breadth (greatest moulded)

B 59

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 34

1st Longitudinal Number (L x D)

15640

2nd Numeral L x (B + D)

42780

Framing Depth "d," at middle of length. See Sec. 3 (1d)

✓

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.52

Do. Long Bridge to top of keel

✓

Draught Moulded

27 1/4

Built at

Belfast (completed at Glasgow)

Launched

14 Dec 1943

Yard No 1185

Builders

Harland & Wolff Ltd

Owners

Anglo-Saxon Petroleum Co. Ltd

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

London

If surveyed while building, afloat, or in dry dock

building and afloat in Dry Dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

LONGIT. FRAMING SEE PAGE 5.

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

31 1/2

for 8 cargo tanks from 1/2 length amidships to Collision bulkhead

27

in peaks

24

SIDE FRAMING.

Frame Amidships, Angle, E or F

10 3 1/2 7/16

forward

11 3 1/2 7/16

Extends up to

upper deck

Reversed Frame Amidships, Angle

✓

Extends up to

✓

Depth of Framing Girder

10", 11"

Frames in Uppermost Continuous 'tween Decks, Angle, E or F

✓

Second 'tween Decks, Angle, E or F

✓

Third

for 2 of cargo tanks to coll BH from 1/2 len for'd to 15% len from Stem

10 3 1/2 7/16 BA

9 3 1/2 7/16 BA

8 3 1/2 7/16 BA

in Peaks, Angle, E or F

✓

Diameter and Spacing of Rivets through Frame and Shell Plating amidships

7/8 0 4 7/8

State if Frame Joggled

Yes

Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?

as app?

Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?

as app?

SINGLE BOTTOM.

Floors, Depth and thickness at mid-line in Holds

see

Height of Brackets at side above base line at toe of frame

see

Middle Line Keelson, on Floors, Angles, E or F

Long framing plan

Through Plate or Inter-costal Plate

✓

Foundation Plate on Floors

✓

Flat Plate Keel Angles

✓

Side Keelsons, No. each side

✓

thickness of Inter-costal Plate

✓

Angles

✓

DOUBLE BOTTOM. in motor space

Solid Floors, thickness and spacing

46 0 3 1/2, 30 1/2

Are Frame and Reversed Frame joggled?

Yes

Bracket Floors, breadth and thickness at middle line

floor welded to tank top

breadth and thickness at margin plate

✓

Bracket Floors, Frame

Reversed Frame

Vertical Struts

Centre Girder, depth and thickness amidships

59 1/2, 54

top Angles

welded to T.T.

bottom Angles

4 4 9/16

Side Girders, No. each side and thickness

2 8 60

Margin Plate depth (excl. of flange) and thickness

54

Vertical Angle to Tank side Bracket abaft 1/4 len. from stem

6 6 50

Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area

✓

Gussets, spacing and scantling abaft 1/4 len. from stem

✓

Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area

✓

Tank Side Brackets, height above base line at toe of Frame and thickness

46 ft 3"

INNER BOTTOM PLATING.

Breadth and thickness of Middle Line Strake

62 1 1/4

Tank top in way of holding down bolts

52

Thickness of remainder in Holds

welded construction under engines

Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in O.C. Bunkers and Boiler Room?

yes

BEAMS.

Uppermost Continuous Deck, amidships in way of poop

8 3 1/2 7/16

Wells, Angle, E or F

8 3 1/2 7/16

in way of Bridge, Angle, E or F

8 3 1/2 7/16

Spacing

every

forward

Second Deck, amidships, Angle, E or F

8 3 1/2 437

Spacing

9 3 1/2 437

Third Deck, amidships, Angle, E or F

8 3 1/2 7/16

Spacing

every

Fourth Deck, amidships, Angle, E or F

✓

Spacing

✓

Poop Deck, Angle, E or F

8 3 1/2 35

Spacing

every

Bridge Deck, Angle, E or F

8 3 1/2 437

Spacing

every

Forecastle Deck, Angle, E or F

10 3 1/2 7/16

Spacing

9 3 1/2 7/16

004527-004533-0096 1/3

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	Two	✓	Stringer Plate, breadth and thickness in way of Bridge <i>forward</i>	36	✓
" in 'tween Decks, Size and Spacing	long	✓	Thickness of Plating abreast Deck openings in way of Wells <i>aft</i>	36	✓
" " " " " "	bulkheads	✓	Thickness of Plating abreast Deck openings in way of Bridge <i>forward</i>	34	✓
" in Holds " " " "			Thickness of Plating within line of openings...	✓	
" " " " " "			If Sheathed, material and thickness.....	✓	
" <i>Long</i> " " " "			Third Deck. <i>deep tank top</i>		
Centre Line Bulkhead. <i>11 ft PLS</i>			Stringer Plate, breadth and thickness.....	42	✓
Stiffeners and Spacing <i>2 hor girders 30x42, 26x40</i>	10 3 1/2 7/16	✓	If Plated, state thickness	38	✓
Plating, thickness of	42 Vert	✓	Fourth Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....	✓	
Uppermost Continuous Deck.			If Plated, state thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	97x91, 84	✓	Poop Deck.		
" " " " in way of Bridge	97x91	✓	Stringer Plate, breadth and thickness	34	✓
" Angle in Wells <i>stringer welded to chirstroke</i>		✓	Plating, Sheathing, material and thickness ...	30 top. 26 within dead end	✓
Thickness of Plating abreast Deck openings in way of Wells <i>cc. continuous chirstroke</i>	76	✓	Bridge Deck.		
Thickness of Plating abreast Deck openings in way of Bridge <i>cc. in way of O. Hatch</i>	58	✓	Stringer Plate, breadth and thickness	43	✓
Thickness of Plating within line of openings...	✓		Plating, Sheathing, material and thickness	34	✓
If Sheathed, material and thickness.....	No	✓	Forecastle Deck.		
Second Deck.			Stringer Plate, breadth and thickness	37	✓
Stringer Plate, breadth and thickness in Wells	40	✓	Plating, Sheathing, material and thickness...	36	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	57	96	78	78		double	1	4	five	1 1/8	4 1/2	lapped
„ Dblg. (if any)												
Bottom Plating, No. of Strakes4.....		67, 64	74, 50	50 55		double	7/8	3 1/2	four	7/8	3 1/2	lapped
Bilge Plating, No. of Strakesone.....		64	50	50		double	7/8	3 1/2	four	7/8	3 1/2	lapped
Side Plating, No. of Strakes3.....		64	50	50		double	7/8	3 1/2	four	7/8	3 1/2	lapped
Upper Deck, Sheer- strake in Wells.....	67	107	50	50		-	-	-	five	1 1/8	5	lapped
Upper Deck, Sheer- strake in Bridge ...	67	107	By end			-	-	-	five	1 1/8	5	lapped
Strake below Sheer- strake in Wells.....	84	76	50	50		double	1	4	four	1	4	lapped
Strake below Sheer- strake in Bridge ...	84	76				double	1	4	four	1	4	lapped
Poop Side Plating.....				40		one strake			two	3/4	2 5/8	lapped
Bridge Side Plating.....		43				one strake			two	3/4	2 5/8	lapped
Forecastle Side Plating			43			single	3/4	3	one	3/4	2 5/8	lapped

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	17
" Deck next below	✓
As per Rule <i>ordnary cargo</i>	7

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar <i>flat keel</i>				
STEM <i>rolled</i>	10 1/4	2 3/4		
STERN FRAME { Propeller Post	cast	as	Beardmore	
{ Rudder "	steel	app		
Speed of Vessel				
RUDDER—Type <i>Simple type</i>			Beardmore	
" A x D.....			double plate	
" Diam. of head			best cast steel	
" Mainpiece at top pintle <i>frame forged</i>				
" " heel <i>stock semi</i>				
" how constructed <i>balanced as</i>				
" double or single plate <i>app dia f</i>				
" coupling, vertical or <i>stock 1 1/2</i>				
" horizontal				

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.	
		Scantlings.		Spacing.		Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	51	10x35 7/16	33		upper 32x40	9x3 1/2 4378A	
" " Second	41	10x35 7/16	33		lower 33x40	12x3 1/2 458A	
" " <i>Wing tank</i>	50	10x35 7/16	30		upper 32x40	3 1/2 x 3 1/2 437	
" " Third	40	10x35 7/16	30		lower 32x40	3 1/2 x 3 1/2 437	
" " Holds	53-34	9x35 7/16	24		Next Semi bris beam		
COLLISION " (in Hold)	50-30	9x35 7/16	24		lower flat		
AFTER PEAK "							

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open hearth. S.M.*
Bolwells, Steel Company of Scotland; West Hartlepool Steel & Iron Co.
 Has the Steel been tested as required by the Rules? *Yes*

EQUIPMENT No.				LETTER <i>C+</i>				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
4210	1st Bower	73	3	0	✓	✓	✓	55	15	0	Byers Imp. Stockton C.S.H. per W.L. Byers & Co. Sunderland 23.8.43 Yogan
3712	2nd "	73	1	0	✓	✓	✓	55	10	0	do do do 14/5/43 Yogan
	3rd "										
	Collective weight										
2107	Stream	22	2	7	5	2	21	22	16	3	14 Roper Lloyd W.D. Hingley Ben Netherton 7/8/43 Relf

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.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Tons.		Fathoms.	Ins.
3444	120 1/2	2 7/8	106 5/8	49 3/8	357-2.21	890 1/4	300	27 1/2	stud	N Hingley Ben	Nett. 12/8/43 Relf	TOWLINE	130	5 1/4	77 1/2	130	5 1/4	
3443	120	2 7/8	106 5/8	49 3/8	357-0.21			27 1/2	stud	do	do 12/8/43 Relf		HAWSERS & WARPS	40ft			40ft	
					714-3-14									100	2 3/4	15 1/2	100	2 3/4
Iron Stream Chain or Steel Wire	120	5	52 1/2				120	5										

Steering Gear, Type (Power or hand) *Hastie's steam hydraulic* Alternative Means of Steering *Blocks & tackle to after wheel*

Steering Chains (Size and Test) *telemotor control* Windlass *steam efficient* Boats *four*

Ceiling in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *none*

Cargo Hatchways. (Upper Deck) *steel O.T. hatches* Thickness of Hatches *40 oil tight*

Size of Hatchways No. 1 (Fwd.) *8' x 8'* No. 2 *27 O.T. hatches to cargo tanks left dia.* No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters *none.*

Builder's Signature *A. Marshall* Secretary

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. *motor ship*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *oil tanker*. 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).

Oil fuel is carried in bunkers situated at the fore side of the motor space, in deep tank forward of forward cofferdam and in the double bottom under engines. Oil cargo is carried in 27 compartments between forward and after cofferdam, separated into three groups by two pump rooms.

This vessel has been built in conformity with the Society's Rules and Regulations and the Secretary's letter. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The material and workmanship are good. All cargo tanks, oil fuel bunkers, deep tank forward, fore and after peak tanks, fresh water tanks, double bottom compartments in machinery space and cofferdams have been tested to Rule requirements and found satisfactory. Steering gear and windlass have been tested under working conditions and found satisfactory. Weather decks and W.T. bulkheads have been satisfactorily tested. Bilge pumping arrangements tried and found in order. Keelboard vented and cut in.

The amount of Entry Fee..... £ 11 : 0 : 0 Fees applied for, *12 APR 1944*

BELFAST ACCOUNT

Special Survey Fee..... £ 609 : 4 : 6 Received by me, *19*

FREEBOARD (Gls Acc) £ 19 : 0 : 0

(Special notations, where part of class, to be stated.)

We are

of opinion the Vessel should be Classed *+100A-1.*

carrying Petroleum in Bulk. Long Framing at bottom and deck

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

Signatures *Wm. Baifour & W. J. Pyle*
Surveyor to Lloyd's Register of Shipping.

Attested to be sent to *GLASGOW* Date of issue *5/6/44*

Committee's Minute

Character assigned *-1- 100A-1*

Mayas at CP

Note: Equi.

Carrying Petroleum in Bulk. Longitudinal Framing at Bottom and at Deck. -1- Buic 3.44 Oil Eng. 2 OB 150 lb.

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.)

This vessel is a sister vessel to the same Builder NARICA No 1173; NORRISIA No 1194

The following forging and casting reports are enclosed:

Stern frame; Rudder arm, stock beams, keels 4 cert.

also, certificates for mast, derricks, derrick post, all light hatches 5 cert.

THE FOLLOWING CARRIED OUT AT GLASGOW:—

Port & Starboard side left hand for shipping machinery riveted up.
Stern & rudder keels completed.
Bilge & ballast pumping completed.
A few items on deck & in hold have been welded.

Port & Starboard side tested as necessary. Stern steering gear & bilge pumping tried & found satisfactory. Forward verified & marks cut in, certificates issued, cables & cables and steering gear tried under working conditions & found satisfactory. Bilge & ballast pumping tried & found satisfactory.

EQUIPMENT:—All necessary requirements complied with.

PARTICULARS OF ELECTRIC WELDING (if employed) upper deck stringer welded to sheerstrake; butto Jukka deck welded; side stringers welded to shell throughout; horizontal girders welded to bulkheads, gusset and brackets part welded; longitudinal bulkheads and transverse bulkheads in centre and transverse in centre welded to shell. Transverse bulkheads and transverse welded to longitudinal bulkheads, double bottom under main motor is an all welded structure except attachment to shell; bridge keel:—bulk plate riveted to steel flat, flat welded to shell; angle into and corners welded for air tightness.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. at engine; machinery aft. cruiser stern: D.F. : E.S.D. : Ego C.

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

1st Bower Wt + prms 49-1-0 J.H.G. (Mac) 5703. 18.6.43.
2nd „ 30 48-3-14 A.B.G. (Sm.) 4786 2.2.43.
3rd „

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 93 ft., R.Q.D. ft., Bridge 46 ft., Forecastle 51 ft.

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

Official No. 169812 Signal Letters. Extreme Breadth over Belting no belting Over-all Length 483

No. and Material of Decks one deck steel and second deck steel clear of oil tanks

Parts of Bottom of Vessel coated with cement or approved composition none

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.
Double bottom, aft, UNDER ENGINES	59.27	59.27	Fore peak tank,	23.29	148.8
Double bottom, under Engines and Boilers,			After peak tank,	16.0	88.3
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	24.75	296
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity	59.27	145	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 923

Date 23.9.42.

Dates of Surveys held while building

1943
Feb 16, 24 Mar 8, 14, 23, 24, 25, 29 Apr 2, 6, 8, 13, 19, 20, 23 May 11, 13, 17, 21, 22, 28 June 14, 16, 25, 29 July 2, 6, 23 Aug 4, 13, 17, 19, 20, 25, 26, 31 Sept 1, 6, 7, 9, 20, 21, 23, 28, 29, 30 Oct 2, 4, 5, 6, 7, 8, 12, 15, 18, 19, 20, 21, 22, 25, 26, 28, 30 Nov 1, 2, 3, 5, 8, 9, 10, 12, 13, 15, 16, 17, 18, 19, 22, 23, 25, 26, 29 Dec 1, 3, 6, 7, 9, 10, 11, 13, 14, 15, 20, 22 Jan 3, 4, 5, 6, 7, 8 14, 26 Feb 4, 9, 16, 24 Mar 3, 7, 15, 16, 23, 24, 28, 29, 30

Total No. of Visits 115

Rpt. 1*.
NASSARIUS.
H.W. No 1195

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads, Inches.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.
Framing of L, L or C <i>Keel</i>													
Frames in Bridge/tween Decks ...													
Frames from Uppermost Continuous Deck Int. Centre Girders No. 1													
" 2													
" 3													
" 4													
" 5													
" 6													
" 7													
" 8													
" 9													
" 10													
" 11													
" 12													
" 13													
" 14													
" 15													
" 16													
Spacing of Longitudinal Frames													
Double Bottoms L, L or C													
Tank Top Longitudinals													
Bottom " Amidships													
At ends...													
Transverses.													
Side (in 'tween Decks)													
Side (in Hold)													
Bottom													
Depth and Thickness													
Face Angles													
Lugs to Shell*													
Back Bars													
Brackets													
Spacing of Transverse Frames...													
Longitudinal Beams of L, L or C													
Bridge Deck ...													
Upper "													
Second "													
Third "													

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.