

NIN DJATA PRATAMA  
STEEL STEAMER OR MOTORSHIP.

7 FEB 1945

DISCLOSED  
Received at London Office

SECTION  
No. 818A

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

Date of completion of report 5<sup>th</sup> January 1945 Port of West Hartlepool No. 18623

Survey held at West Hartlepool Date First Survey 30<sup>th</sup> May 1944 Last Survey 29<sup>th</sup> January 1945

On the (State if Machinery fitted with and if Single, Twin or Triple Screw) Single screw "EMPIRE JAMAICA" machinery apt.

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantling with freeboard State Type of Erections R.Q. dk, Ycl. dk, & Poop deck

TONNAGE under Tonnage Deck 2512.33 CLASS +100A.1 State if with freeboard as condition of Class Yes Built at West Hartlepool

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 312.0' Launched 16<sup>th</sup> Nov. 1944 Yard No. 1174

Total Breadth (greatest moulded) B 46.33' Builders William Gray & Co Ltd.

Gross Tonnage 3534.78 Owners Ministry of War Transport

Register Tonnage 2267.96 Managers Lambert Brothers Ltd. (Where necessary to be entered in Reg. Book)

REGISTERED DIMENSIONS. FEET Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 24.75' Residence West Hartlepool

length 315.55' Port of Registry West Hartlepool

breadth 46.55' If surveyed while building, afloat, or in dry dock Building, afloat & in dry dock

depth 22.15' Draught Moulded 20' 8 1/2"

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.....	27	✓	Bracket Floors, Frame .....	✓	
" " from 1/2 length amidships to Collision bulkhead.....	27	✓	" " Reversed Frame.....	✓	
" " in peaks .....	24	✓	" " Vertical Struts .....	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	42" x 42	✓
Frame Amidships, Angle, <u>E or C</u>	11 3 1/2 42	✓	" " top Angles .....	3 3 40	✓
" " Extends up to.....	Upper deck	✓	" " bottom Angles.....	3 1/2 3 1/2 44	✓
Reversed Frame Amidships, Angle <u>Bull</u>	12 3 1/2 45	✓	Side Girders, No. each side and thickness.....	1 - 6 x 3 1/2 x 32	✓
" " Extends up to .....	R.Q. dk	✓	Margin Plate depth (excl. of flange) and thickness .....	32" x 43	✓
Depth of Framing Girder.....	11" 4 1/2"	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....	3 1/2 3 1/2 34	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <u>C or C</u>	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area.....	5 5 34	✓
" " Second 'tween Decks, Angle, <u>C or C</u>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	34 continuous	✓
" " Third .....	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area .....	36 " in way of R.Q. dk	✓
" " from 1/2 len. for'd. to 15% len. from Stem <u>13A</u>	11 3 1/2 46	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	61"	✓
" " in Peaks, Angle or <u>C</u>	7 3 33	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	7/8" = 6 1/4"	✓	Breadth and thickness of Middle Line Strake.....	57 fitted	✓
State if Frame Joggled.....	Yes	✓	Thickness of remainder in Holds .....	athwartship	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved? .....	as approved	✓	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	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved? .....	as approved	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, <u>E or F</u>	5 3 1/2 34	✓
Floors, Depth and thickness at mid-line in Holds.....			" " in way of Bridge, Angle, <u>E or C</u>	8 3 34	✓
Height of Brackets at side above base line at toe of frame.....			Spacing .....	Every large brackets Every 4' frame	✓
Middle Line Keelson, on Floors, Angles, <u>C or C</u>			R.Q. dk	5 3 34	✓
" " Through Plate or Inter-costal Plate .....			Second Deck, amidships, Angle, <u>E or F</u>	5 3 34	✓
" " Foundation Plate on Floors .....			Spacing .....	Every large brackets Every 4' frame	✓
" " Flat Plate Keel Angles .....			R.Q. dk	8 3 34	✓
Side Keelsons, No. each side.....			Third Deck, amidships, Angle, <u>E or C</u>	8 3 34	✓
" " thickness of Intercoastal Plate.....			Spacing.....	Every	✓
" " Angles .....			Fourth Deck, amidships, Angle, <u>C or C</u>	✓	
DOUBLE BOTTOM.			Spacing.....	6 3 43	✓
Solid Floors, thickness and spacing .....	34 every	✓	Poop Deck, Angle, <u>E or C</u>	6 3 34	✓
" " Are Frame and Reversed Frame joggled? .....	Frame Yes No	✓	Spacing.....	Every	✓
Bracket Floors, breadth and thickness at middle line .....	✓		Bridge Deck, Angle, <u>C or C</u>	✓	
" " breadth and thickness at margin plate.....	✓		Spacing.....	6 3 32	✓
			Forecastle Deck, Angle, <u>C or C</u>	✓	
			Spacing.....	Every	✓



## 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.	
<b>PILLARS, No. of Rows</b> .....		✓				Stringer Plate, breadth and thickness in way of Bridge .....		✓			
" in 'tween Decks, Size and Spacing .....		✓				Thickness of Plating abreast Deck openings in way of Wells <b>TRUNK DE</b> .....		.50	✓		
" " " " " " .....		✓				Thickness of Plating abreast Deck openings in way of Bridge .....		✓			
" in Holds " " " " " " .....		✓				Thickness of Plating within line of openings..		.32 in way of bridge house	1.04.50	✓	
" " " " " " " " " " " " .....		✓				If Sheathed, material and thickness .....		unsheathed	✓		
<b>Centre Line Bulkhead.</b>		✓				<b>Third Deck.</b>					
Stiffeners and Spacing .....		✓				Stringer Plate, breadth and thickness .....		✓			
Plating, thickness of .....		✓				If Plated, state thickness .....		✓			
<b>STRINGERS AND DECKS.</b>						<b>Fourth Deck.</b>					
<b>Uppermost Continuous Deck.</b>						Stringer Plate, breadth and thickness .....		✓			
Stringer Plate, breadth and thickness in Wells		85½ x .61	✓			If Plated, state thickness .....		✓			
" " " " " in way of Bridge		✓				<b>Poop Deck.</b>					
" Angle in Wells		6 6 .61	✓			Stringer Plate, breadth and thickness .....		.40 6 .32	✓		
Thickness of Plating abreast Deck openings in way of Wells <b>TRUNK DE</b> .....		.56	✓			Plating, Sheathing, material and thickness ..		.32 6 .30	✓		
Thickness of Plating abreast Deck openings in way of Bridge .....		✓				<b>Bridge Deck.</b>					
Thickness of Plating within line of openings...		1.0, .564.50	✓			Stringer Plate, breadth and thickness .....		✓			
If Sheathed, material and thickness .....		unsheathed	✓			Plating, Sheathing, material and thickness ..		✓			
<b>Second Deck.</b>						<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness in Wells		85½ x .47	✓			Stringer Plate, breadth and thickness .....		.32	✓		
						Plating, Sheathing, material and thickness...		.32	✓		
								unsheathed	✓		

## SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.....A	46 $\frac{1}{2}$	.65	.59	.59		Double	$\frac{7}{8}$	3 $\frac{3}{8}$	Double	$\frac{7}{8}$	3 $\frac{3}{8}$	Capped	
„ Dblg. (if any)													
Bottom Plating, No. of Strakes B.C.P.....3		.53	.44	.44		Double	$\frac{7}{8}$	3 $\frac{3}{8}$	Double	$\frac{7}{8}$	3 $\frac{3}{8}$	Lapped	
Bilge Plating, No. of Strakes E.....1		.53	.44	.44		"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
Side Plating, No. of Strakes F.....1		.52	.43	.43	Fitted .58 in line of stringers	"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
Upper Deck, Sheer- strake in Wells A..	82 $\frac{1}{2}$	.62	.43	.43					Quad	1	4	"	
Upper Deck, Sheer- strake in Bridge ...		.52	-	.43		Double	$\frac{7}{8}$	3 $\frac{3}{8}$	Double	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
Strake below Sheer- strake in Wells G..		.56	.43	.43		"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
Strake below Sheer- strake in Bridge ...		.52	-	.43		"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
Poop Side Plating.....			.51	.34		Single	$\frac{7}{8}$	3	Double to single	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
RATED SHEER Bridge Side Plating.....	62	.58	-	.43					Double	$\frac{7}{8}$	3 $\frac{3}{8}$	"	
Forecastle Side Plating.....			.38			Single	$\frac{7}{8}$	3	Single	$\frac{7}{8}$	3 $\frac{3}{8}$	"	

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) 6 ✓

„ Deck next below 1

As per Rule 5

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar .....				
STEM .....	rolled bar $8\frac{1}{2} \times 2\frac{1}{2}$ ✓			
STERN FRAME	Propeller Post	2" sq. iron	$9\frac{1}{2} \times 6$ ✓	CMEW
	Rudder	"	$9\frac{1}{2} \times 6$ ✓	"
Speed of Vessel .....	under 12 knots!			
RUDDER—Type .....	ordinary 2 pintles			
" A x D. ....	"			
" Diam. of head	Treated iron $8\frac{1}{2} + 10\% = 8\frac{1}{2}$ " CMEW			
" Mainpiece at top pintle	w/rafter plate 10 " dia ✓			
" " heel ...	" see plan			
" how constructed .....	welded ✓			
" double or single plate	Double ✓			
" coupling, vertical or	Vertical ✓			
" horizontal .....	" ✓			

[illegible]

<p><b>STEEL.</b></p>	<p>Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) <i>after heat.</i></p> <p><i>South Durham S &amp; L Co, Cargo Steel Iron Co, Skinningrove Iron Co,</i></p> <p><i>Consett Iron Co, Dorman Long &amp; Co.</i></p>	<p>Lloyd's Reg Foundation</p>
	<p>Has the Steel been tested as required by the Rules? <i>Yes</i></p>	



EQUIPMENT No. <u>24049</u>												LETTER <u>M</u>		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.				
<u>46145</u>	1st Bower	<u>45</u>	<u>0</u>	<u>21</u>	<u>Stockless</u>			<u>39</u>	<u>8</u>	<u>0</u>	<u>14</u>	✓	<u>45</u> ✓	<u>Byers Imp. Stockless</u>	✓	<u>8d 12/1/44 R. J. Yogan</u>
<u>46146</u>	2nd "	<u>45</u>	<u>0</u>	<u>20</u>	<u>"</u>			<u>39</u>	<u>8</u>	<u>0</u>	<u>14</u>	✓	<u>45</u> ✓	<u>" " "</u>	✓	<u>8d 14/1/44 R. J. Yogan</u>
	3rd "															
	Collective weight												<u>128</u>			
<u>59340</u>	Stream	<u>12</u>	<u>1</u>	<u>12</u>	<u>3</u>	<u>0</u>	<u>16</u>	<u>14</u>	<u>4</u>	<u>0</u>	<u>7</u>	✓	<u>12</u> ✓	<u>Rodgers forged</u>	✓	<u>CH 22.1.45 W. Norman</u>
CHAIN CABLES.												W. J. anchor		HAWSERS AND WARPS		

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.		Cir.	Length.	Cir.	
69124	225 5/8	1 1/8	64 1/2	94 1/2	432	3	5	425	7 1/2	✓	270	1 1/8	✓	Kendrick & Co. Ltd. C.H. 30/11/44 W. Norman	TOWLINE	100 90	4 1/2	33.2	100	4
								225 for emergency requirements.								2-90 2-75	2 1/2 2 1/2	13.2	2-90	2 1/2
																4-90 2-75	6 3	manilla 18.6		
From Stream Chain or Steel Wire	90	4 1/4		36.4							90	4 1/4								

Steering Gear, Type (Power or hand) John Harter & Co. Ltd. Steam & Elec. control ✓ Alternative Means of Steering Black & tackle to launch ✓

Steering Chains (Size and Test) ✓ Windlass Emman Walker & Co. 3 steel boats 26 x 8.6 x 3.6 1/2 ✓

Ceiling in Holds, thickness and material 2 1/2" over bilges ✓ Cargo Batches, thickness, material and spacing Boats fitted with motor ✓

Cargo Hatchways.-(Upper Deck) steel plates & angles ✓ Thickness of Hatches 3" ✓

Size of Hatchways No. 1 (Fwd.) 24'9" x 20'0" ✓ No. 2 24'9" x 26'0" ✓ No. 3 40'6" x 26'0" ✓ No. 4 22'6" x 26'0" ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters 4 ✓ 4 ✓ 6 ✓ 3 ✓

Builder's Signature FOR WILLIAM GRAY & CO. LIMITED. R. S. Simpson GENERAL MANAGER

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 Oil arranged for carriage of cargo oil ✓ 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 conformity with the Society's rules & regulations and the Secretary's letters. ✓ The scantlings & arrangements are in accordance with, or equivalent to those shown on the approved plans. ✓ The materials & the workmanship are good. ✓ All double bottom tanks, D.B. Cofferdams, peak & dup tanks have been tested as required by the rules & found satisfactory. ✓ The weather decks and watertight bulkheads have been satisfactorily tested. ✓ The assigned fuelboards have been marked on the vessel's sides, punched & cut in. ✓ The windlass & steering gears have been satisfactorily tested under working conditions. ✓

The requirements of Section 20 of the Rules for steel ships, where applicable, for the carriage of oil fuel having a flash point above 150°F have been carried out. ✓ Oil fuel is carried in Nos 2.3.4.5 D.B. tanks. ✓

The amount of Entry Fee £ 7 : 0 : 0 Fees applied for, 6/21 1945 (Special notations, where part of class, to be stated.)

Special Survey Fee and £ 314 : 17 : 6 Received by me, +100 A.1.

Travelling Expenses, if any £ 14 : 0 : 0 19. I am of opinion the Vessel should be Classed with fuelboard.

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

Certificate to be sent to West Hartlepool Date of issue 2/4/45

Committee's Minute 16 FEB 1945

Character assigned +100A1

with fuelboard

Lloyd's A+CP

+LMC 1.45

White Appl.

Fitted for oil fuel 1.45 F.P. above 150°F

F.D. C.L.

Note for S.R.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.)

Vessel similar to "Empire Bermuda" & previous similar vessels.  
Forging reports attached.

Permanent Ballast

50 tons of permanent ballast cemented in on top has been fitted in each of the side ballast tanks making 100 tons in all.  
Access to suction & valves has been arranged.

Derricks

The vessel is fitted with an 80 ton derrick aft and a 50 ton derrick forward.

Carriage of Case oil

Provision has been made for the adequate & continuous ventilation of the holds & the ventilator openings have been fitted with wire gauze.

PARTICULARS OF ELECTRIC WELDING (if employed)

Seams & butts of inner bottom plating electric welded clear of Engines & boiler space. Approved welding rods used.  
Bilge keel and T bar welded to shell.

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

Square Cruiser stern, Lloyd's A.C.P., Notation about equipment, 1 dk. steel, 5 Bulkheads to upper deck, 1 bulkhead to 2nd deck, Cargo battens not fitted. Fitted for oil fuel FP above 150°F.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight	Surveyor's Initials	No. of Cnt.	Date of test
		24-1-24	J.H.J.	6168	24-3-44
	2nd "	25-0-0	J.H.J.	6055	14-1-44
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 82.25 ft., R.Q.D. 197 ft., Bridge 1 ft., Forecastle 29 ft.

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

Official No. 180079. Signal Letters Extreme Breadth over Belting 1 ft. Over-all Length 328 ft.  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 dk. steel.

Parts of Bottom of Vessel coated with cement or approved composition Bilges & peaks cemented. Cement fittings fitted in D.B. oil fuel tanks (Nos 2, 3, 4 & 5). Cement covering rivet heads in bottom frames, girders &c in No 1 & 6 D.B. 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.	SW Water Capacity.	Where Fitted.	Length.	SW Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,	27' 1"	228
Double bottom, under Engines and Boilers, 44 tons FW 58 " oil	51' 9"	108	After peak tank,	16' 3"	44
Double bottom, if under Engines only,			Deep tank, aft, ballast p + s	36' 0"	308
Double bottom, if under Boilers only,			Deep tank, forward, F.W. p + s.	18' 0"	35
Double bottom, forward,	213' 9"	747	Other tanks, if fitted,		
Total length (if continuous) and Capacity	265' 6"	855	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 2489

Date 15-12-43

Dates of Surveys held while building

1944. May 30. June 6. 13. July 5. 10. 16. 24. 25. 26. Aug. 17. 22. Sept. 4. 7. 11. 26. Oct. 6. 7. 13. 18. 21. 30. Nov. 1. 3. 6. 7. 8. 9. 10. 16. 17. 18. 21. 27. Dec. 6. 8. 14. 15. 20. 21. 22. 27. 1945. Jan. 4. 5. 8. 10. 11. 22. 24. 29

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