

Rpt. 1.

BUNDLE

STEEL STEAMER or MOTORSHIP.

NIN FATEHABAD

MAR 13 1941

Received at London Office

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

10th March 1941.

Port of

West Hartlepool.

No. 18121.

Survey held at

Hartlepool.

Date First Survey

5th March, 1940.

Last Survey

5th March,

1941

On the (State if Machinery, fitted Aft and

Single Screw.

"IKAUNA"

machinery amidships.

State Type (Full Scantling, Complete Superstructure

Full Scantling

LIMITED DRAUGHT

State Type of Erections P.B. & F.

TONNAGE under

6128.39

CLASS

+100A.1.

State if with freeboard

Yes

Built at

Hartlepool.

Do. of space or spaces

Length from fore part of stem to after part of stern

L 420'-0"

Launched 30th Nov. 1940 Yard No. 1106

Total

Breadth (greatest moulded)

B 57'-3 1/2"

Builders Wm Gray & Co Ltd.

Gross Tonnage

6793.06

Depth, at middle of length from top of keel to top

D 34'-6"

Owners British India S. Nav. Co Ltd

Register Tonnage

3969.29

1st Longitudinal Number (L x D) = 14490

Managers

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

2nd Numeral L x (B + D) = 38551

Residence

REGISTERED DIMENSIONS.

FEET.

Length

426.8

Framing Depth "d," at middle of length. See

20.54

Port of Registry London

Breadth

57.6

Proportions—Depth to Length—Uppermost con-

12.17

If surveyed while building, afloat, or in dry dock

Depth

32.0

Draught Moulded 24'-9 3/4"

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	30 1/2 ✓		Bracket Floors, Frame	✓	
" " from 1/3 length amidships to Collision bulkhead	27 ✓		" " Reversed Frame	✓	
" " in peaks	24 ✓		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 1/2" x .53 ✓	
Frame Amidships, Angle, [or]	12 3 1/2 .45 ✓		" " top Angles	3 1/2 3 1/2 .47 ✓	
" " Extends up to	Second dk ✓		" " bottom Angles	4 4 .53 ✓	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 at .37 ✓	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	39 1/2" x .53 ✓	
Depth of Framing Girder	12" ✓		" " Vertical Angle to Tank side	6 x 6 x .43 ✓	and
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	8 3 1/2 .36 ✓		" " Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 .43 ✓	for 1/2 depth
" " Second 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side	6 6 .43 ✓	double
" " Third " " " "	✓		" " Bracket from forward 1/2 len. from stem	.41 ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	12 x 3 1/2 x 3 1/2 x .52 [✓		" " Gussets, spacing and scantling	continuous ✓	
" " in Peaks, Angle or [8 3 1/2 .35 ✓	8 x 3 1/2 x .34 ✓	" " Gussets, spacing and scantling	continuous ✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 - 5 1/2" dia ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	71" x .42 ✓	
State if Frame Joggled	Yes ✓		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes ✓		Breadth and thickness of Middle Line Strake	85" x 66" x .51 ✓	52 1/2" x .51 ✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes ✓		Thickness of remainder in Holds	.43 ✓	
SINGLE BOTTOM			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 ✓	
Floors, Depth and thickness at mid-line in Holds			BEAMS.		
Height of Brackets at side above base line at toe of frame			Uppermost Continuous Deck, amidships in Wells, Angle, [or]	9 3 1/2 .42 ✓	Thrs' Half ✓
Middle Line Keelson, on Floors, Angles, [or]			" " in way of Bridge, Angle, [or]	8 3 1/2 .44 ✓	
" " Through Plate or Intercoastal Plate			" " Spacing	9 3 1/2 .40 ✓	Every ✓
" " Foundation Plate on Floors			Second Deck, amidships, Angle, [or]	11 3 1/2 .42 ✓	Thrs' Half ✓
" " Flat Plate Keel Angles			Spacing	10 3 1/2 .40 ✓	Every ✓
Side Keelsons, No. each side			Third Deck, amidships, Angle, [or]	✓	
" thickness of Intercoastal Plate			Spacing	✓	
" Angles			Fourth Deck, amidships, Angle, [or]	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	41 at 30 1/2 ✓		Bridge Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	Yes ✓		Spacing	✓	
Bracket Floors, breadth and thickness at middle line	✓		Forecastle Deck, Angle, [or]	✓	
" " breadth and thickness at margin plate	✓		Spacing	✓	

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.....	<i>Two</i>	✓	Stringer Plate, breadth and thickness in way of Bridge	<i>77½ x 40</i>	✓
" in 'tween Decks, Size and Spacing.....	<i>as per</i>		Thickness of Plating abreast Deck openings in way of Wells	<i>.36</i>	✓
" " " " " "	<i>approved</i>		Thickness of Plating abreast Deck openings in way of Bridge	<i>.34</i>	✓
" in Holds " "	<i>plan</i>	✓	Thickness of Plating within line of openings...	<i>.34</i>	✓
" " " " " "	✓		If Sheathed, material and thickness	<i>none</i>	✓
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of			If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	<i>77½ x 66</i>	✓	If Plated, state thickness	✓	
" " " " in way of Bridge	<i>.46</i>	✓	Poop Deck.		
" Angle in Wells	<i>6 6 .64</i>	✓	Stringer Plate, breadth and thickness	<i>36½ x .36</i>	✓
Thickness of Plating abreast Deck openings in way of Wells	<i>.59</i>	✓	Plating, Sheathing, material and thickness ...	<i>.30 x .26</i>	✓
Thickness of Plating abreast Deck openings in way of Bridge	<i>.36</i>	✓	<i>2½" wood dk</i>		✓
Thickness of Plating within line of openings...	<i>.42 wells</i>	✓	Bridge Deck.		
If Sheathed, material and thickness	<i>.34 Bridge</i>	✓	Stringer Plate, breadth and thickness.....	<i>72" x .45</i>	✓
Second Deck.			Plating, Sheathing, material and thickness ...	<i>.44 x .38</i>	✓
Stringer Plate, breadth and thickness in Wells...	<i>77½ x 40</i>	✓	<i>2½" wood dk</i>		✓
			Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	<i>35 x .36</i>	✓
			Plating, Sheathing, material and thickness ...	<i>.34</i>	✓

SHELL PLATING.

SCANTLINGS.						RIVETING. <i>Amidships.</i>					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?		RIVETS.		No. of Rows of Rivets.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.		
FLAT PLATE KEEL	<i>51½</i>	<i>.81</i>	<i>.71</i>	<i>.71</i>	✓	<i>Double</i>	<i>1</i>	<i>3½</i>	<i>Quad</i>	<i>1 4</i>	<i>Lapped</i>
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes		<i>.62</i>	<i>.49</i>	<i>.49</i>	✓	<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>Quad</i>	<i>7/8 3½</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes		<i>.62</i>	<i>.49</i>	<i>.49</i>	✓	<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>"</i>	<i>7/8 3½</i>	<i>"</i>
SIDE PLATING, No. of Strakes		<i>.62</i>	<i>.46</i>	<i>.46</i>	✓	<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>Double</i>	<i>7/8 3½</i>	<i>"</i>
UPPER DECK, Sheer-strake in Wells.....	<i>68</i>	<i>.74</i>	<i>.46</i>	<i>.46</i>	✓	-	-	-	<i>Quad</i>	<i>1 4</i>	<i>"</i>
UPPER DECK, Sheer-strake in Bridge ...	<i>80</i>	<i>.62</i>				<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>"</i>	<i>7/8 3½</i>	<i>"</i>
STRAKE BELOW Sheer-strake in Wells.....	<i>67½</i>	<i>.65</i>	<i>.49</i>	<i>.46</i>	✓	<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>"</i>	<i>7/8 3½</i>	<i>"</i>
STRAKE BELOW Sheer-strake in Bridge ...	<i>67½</i>	<i>.62</i>				<i>Double</i>	<i>7/8</i>	<i>3½</i>	<i>Double</i>	<i>7/8 3½</i>	<i>"</i>
POOP SIDE PLATING			<i>.39</i>		✓	<i>Single</i>	<i>¾</i>	<i>3</i>	<i>Single</i>	<i>¾ 2 7/8</i>	<i>"</i>
BRIDGE SIDE PLATING ...		<i>.55</i>				<i>one plate</i>	-	-	<i>Double</i>	<i>7/8 3½</i>	<i>"</i>
FORECASTLE SIDE PLATING			<i>.42</i>		✓	<i>Single</i>	<i>¾</i>	<i>3</i>	<i>Single</i>	<i>¾ 2 7/8</i>	<i>"</i>

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) *Seven*

 " Deck next below *-*

As per Rule *Seven*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	<i>rolled</i>	<i>bar 10 x 2 7/8</i>		✓
STERN FRAME	Propeller Post	<i>forged bar 10 1/2 x 8 1/2 CMGW</i>		✓
	Rudder	<i>" 10 1/2 x 8 1/2</i>		✓
Speed of Vessel		<i>12 Knots</i>		✓
RUDDER—Type		<i>unbalanced</i>		✓
" A x D		<i>599.7</i>		✓
" Diam. of head		<i>11 3/4</i>	<i>CMGW</i>	<i>11 1/4</i>
" Mainpiece at top pintle		<i>" 11 1/4</i>		
" " heel ...		<i>" 8 3/8</i>		
" how constructed		<i>arms keyed to mainpiece</i>		✓
" double or single plate		<i>Single</i>		✓
" coupling, vertical or horizontal.....		<i>Horizontal</i>		✓

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.			
		Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	<i>.27</i>	<i>6 x 3 x .42</i>	<i>30"</i>						
" " Second "									
" " Third "									
" " Holds	<i>.48 .42</i>	<i>12 x 3 1/2 x .45</i>	<i>30"</i>						
<i>5 .30</i>									
COLLISION " (in Hold)	<i>.52 .28</i>	<i>8 x 3 1/2 x .35</i>	<i>24"</i>	<i>frame db + semi for beam</i>					
<i>51 .78</i>									
AFTER PEAK " " 	<i>4 .30</i>	<i>8 x 3 1/2 x .35</i>	<i>24"</i>	<i>Semi for beam</i>					

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Smith Barham & Co. Llanwrsthai Steel Co.

Borman Long & Co. Consett Iron Co.

Cargo Fleet.

open heart Skinnington & Co.

Has the Steel been tested as required by the Rules?

Yes

EQUIPMENT No. 40322 ✓

LETTER a + ✓

ANCHORS.

Number of Certificate.	Anchor.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
40079	1st Bower ...	Cwts. 68 qrs. 1 lbs. 20	Cwts. qrs. lbs. Stockless	Tons. cwt. qrs. lbs. 52 18 3 0	68 ✓	Ryan Imp. Stockless	Not stated	Sld 22/8/40 W. Norman
40083	2nd " ...	68 0 8	"	52 15 2 14	68 ✓	" " "	" "	Sld 23/8/40 W. Norman
	3rd " ...	One lower disp. with on a/c	ENERGENCY		58 1/2 ✓			
	Collective weight.				19 1/2 ✓			
99445	Stream	19 3 14	5 1 7	20 12 3 7	19	Rodgers forged	S. Taylor & Sons	N. 26/11/40 J. 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.	Stat. Break- ing.	Supplied.	Per Rule.	Length. Diam.				Length. Cir.	Tons.	Length. Cir.
112617	225 2	100 20 141 20	479.2.24		270 2	Star Tay Co	S. Taylor & Sons N. 29/11/40 J. Relf.	TOWLINE...	120 5	70.9	120 5
112620	225 2	100 20 141 20	29.2.16			"	" N 29/11/40 J. Relf.	HAWSERS & WARPS	2-90 2 3/4	15.2	2-90 2 3/4
112618	45 2	100 20 141 20	95-0-16			"	" N 29/11/40 J. Relf.		2-90 3	18.6	-
112619	45 2	100 20 141 20	94-2-11			"	" N 29/11/40 J. Relf.		6-90 8"	main	6-90 8"
Iron Stream Chain or Steel Wire	329 90 4 1/2	64.6			90 4 1/2						

Steering Gear, Type (Power or hand) J. Hasli & Co. hyd. Tel. control Alternative Means of Steering Blocks & Tackle

Steering Chains (Size and Test) Windlass Clarke Chapman Boats 2 at 28 x 8.5 x 3.55 still

Ceiling in Holds, thickness and material Retaining bar + plank fitted under hatchways Remainder of ceiling under hatchways not fitted at present Cargo Battens, thickness, material and spacing 6 x 2 spanning, 9" apart

Cargo Hatchways. (Upper Deck) steel plates + angles Thickness of Hatches 3", on upper + second decks.

Size of Hatchways No. 1 (Fwd.) 27'-0" x 22'-0" No. 2 33'-6 1/2" x 22'-0" No. 3 12'-2 1/2" x 15'-6" No. 4 4'-7" x 18'-6" No. 5 33'-0 1/2" x 22'-0" No. 6 27'-11 1/2" x 22'-0"

Number of Shifting Beams and/or Fore and Afters 4 5 1 none 5 4

Builder's Signature

FOR WILLIAM GRAY & CO. LIMITED.

Hos. 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 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 (where required to be inserted in the Notation).

This vessel has been constructed in accordance with the approved plans, the Secretary's letters and generally conforms with the Society's rules for the class contemplated. The materials & workmanship are good. ✓

all double bottom tanks and peak tanks have been tested as required by the Rules & found satisfactory. ✓ The weather decks, watertight bulkheads, watertight door and tunnel have been satisfactory tested. ✓

The assigned freeboards have been marked on the vessel's sides, verified & cut in. ✓

The windlass & steering gears have been satisfactorily tried under working conditions.

The amount of Entry Fee £ 10 : - : - Fees applied for,

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

Special Survey Fee £ 269 : 16 : 6 Received by me,

Freeboard. 17 - -

Travelling Expenses, if any £ : : 19

I am of opinion the Vessel should be Classed +100A.1 "with freeboard" ✓

State whether the Vessel has been built under Special Survey 4/10

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to W. Hpl.

Date of Issue 21/3/41

Committee's Minute

Character assigned

THE 18 MAR 1941

+100A.1

With freeboard

Lloyd's assch

V.L.

Write Hpl. & Hpl.

Note for S.R.L.

+Limb 3. 41

J.D. C.A.

2021

Lloyd's Register Foundation

0162

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.)

Approved plans & forging reports forwarded.

Sister vessel to "ITAURA", "ITAURA", & "ISMAILA"

PARTICULARS OF ELECTRIC WELDING (if employed)

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

Cruiser stern. ✓ Lloyd's A.C.P. ✓ With freeboard ✓ 2 decks steel. ✓
Ceiling under hatchways to be fitted at the first available opportunity ✓ Notation
regarding equipment. ✓

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Weight incl. flange	Surveyor's Initials	No. of test.	Date of test.
	1st Bower	44-1-2	JA	2976	4/6/40
	2nd "	44-3-4	JA	2979	4/6/40
	3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 41.6 ft., R.Q.D. ✓ ft., Bridge 139.3 ft., Forecastle 42.75 ft. ✓

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated Not joined.

Official No. 168072 Signal Letters ✓ Extreme Breadth over Belting ✓ Over-all Length 442'-10" ✓
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 decks steel

Parts of Bottom of Vessel coated with cement or approved composition Double bottom tanks & peaks cemented.
Bilges. Bituminous enamel.

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.	Salt Water Capacity. Tons.	Where Fitted.	Length. Feet.	Salt Water Capacity. Tons.
Double bottom, aft,	134'-8½"	335	Fore peak tank,	20.1	173 ✓
Double bottom, under Engines and Boilers,			After peak tank,	28.0	168 ✓
Double bottom, if under Engines only,	25'-5"	114	Deep tank, aft,		
Double bottom, if under Boilers only, Dry Tank	20'-4"		Deep tank, forward,		
Double bottom, forward,	185'-3½"	648	Other tanks, if fitted,		
Total length (if continuous) and Capacity ✓	365'-9"	1127	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 2422

Date 13/6/39.

Dates of Surveys held while building

1940. March 5.7. April 2.12.16.23.26.29. May 9.24.28. June 4.6.11.19.16.26.29. August 8.19.
26.31. September 3.12.13.14.19.20.24.30. October 1.3.9.10.23. November 1.5.14.18.22.28.30.
December 4.9.13.17.19.30. 1941. January 20.29. February 7.13.14.20.27.28. March 5.

Total No. of Visits 57