

WRECK
SECTION

STEEL STEAMER

MOTORSHIP

Received at London Office

14 MAR 1946

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 12th March 1946 Port of MIDDLESBROUGH No. 17999
Survey held at HAVERTON HILL-ON-TEES Date First Survey 8th May 1944 Last Survey 6th February 1946
On the (State if Machinery fitted Aft and if Single, Double or Triple Screw) s/s "WAVE SOVEREIGN." SINGLE SCREW TURBINE TANKER WITH MACHINERY FITTED AFT.

State Type (Full scantling, Complete Superstructure, or without Tonnage Appearances) FULL SCANTLING State Type of Erections P. B. & F.

TONNAGE under Tonnage Deck ... 7003.44 CLASS \times 100.A.I. State if with freeboard as condition of Class No. FEET
Do. of space or spaces between Tonnage Dk. and Upper Dk. ☒
Total 7003.44 Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 465'-0"
Gross Tonnage 8181.71 Breadth (greatest moulded) B 64'-0"
Register Tonnage 4559.24 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 35'-6"
1st Longitudinal Number (L x D) = 16100
2nd Numeral L x (B + D) = 45860
Framing Depth "d," at middle of length. See Sec. 3 (1d) = 13'-10"
Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel = 28'-4 1/2"
Built at HAVERTON HILL-ON-TEES.
Launched 20-11-45. Yard No. 364.
Builders FURNESS. S. B. CO. LTD.
Owners ADMIRALTY.
Managers (Where necessary to be entered in Reg. Book)
Residence
Port of Registry LONDON.
If surveyed while building, afloat, or in dry dock WHILE BUILDING, AFLOAT & IN DRY DOCK.

REGISTERED DIMENSIONS.

FEET

h 473.6
th 64.3
1 35.4

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	33" 30"	<input checked="" type="checkbox"/>	Bracket Floors, Frame	<input checked="" type="checkbox"/>	
" " from 1/2 length amidships to Collision bulkhead	33" 27"	<input checked="" type="checkbox"/>	" " Reversed Frame	<input checked="" type="checkbox"/>	
" " in peaks	24"	<input checked="" type="checkbox"/>	" " Vertical Struts	<input checked="" type="checkbox"/>	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	47" x 54" / 48"	<input checked="" type="checkbox"/>
Frame Amidships, Angle, E or F	11" 3 1/2" 44"	CUT AT SIDE STRINGER & BRACKETED	" " top Angles	D. 3 1/2" 3 1/2" 48"	<input checked="" type="checkbox"/>
" " Extends up to FROM LONG. BMD. ON BOTTOM TO TOP OF G STRAKE, & FROM TOP OF G STRAKE TO UPPER DECK.	<input checked="" type="checkbox"/>		" " bottom Angles	D. 4" 4" 58"	<input checked="" type="checkbox"/>
Reversed Frame Amidships, Angle			Side Girders, No. each side and thickness	2 @ 42" & AS PER PLAN	<input checked="" type="checkbox"/>
" " Extends up to	<input checked="" type="checkbox"/>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	11"	<input checked="" type="checkbox"/>	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	TANK TOP LEVEL	<input checked="" type="checkbox"/>
Frames in Uppermost Continuous Deck POOP Decks, Angle, E or F	7" 3" 38" EVERY BRK TO DECK.	<input checked="" type="checkbox"/>	" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	TO MARGIN ANGLE	<input checked="" type="checkbox"/>
" " Second 'tween Decks, Angle, E or F			" " Gussets, spacing and scantling abaft 1/4 len. from stem	IN MACHINERY SPACE	<input checked="" type="checkbox"/>
MAIN FRAMES TO DEEP TANK TOP	10" 3 1/2" 46" EVERY	<input checked="" type="checkbox"/>	" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	3'0" x 44"	<input checked="" type="checkbox"/>
" " Third From " " To Upper Dk.	8" 3 1/2" 44" THRO' FRAME.	<input checked="" type="checkbox"/>	Tank Side Brackets, height above base line at toe of Frame and thickness	ABOVE TANK TOP	<input checked="" type="checkbox"/>
" " FORECASTLE TWEEN DECKS	5 1/2" 3" 30" ALT. FRAMES.	<input checked="" type="checkbox"/>	INNER BOTTOM PLATING. IN M.S.		
" " from 1/2 len. for'd. to 15% len. from Stem, TO COFFERDAM BULKHEADS			Breadth and thickness of Middle Line Strake	.52"	<input checked="" type="checkbox"/>
" " in Peaks, Angle or F	9" 3 1/2" 38"	<input checked="" type="checkbox"/>	Thickness of remainder in Hold IN M.S.	.52"	<input checked="" type="checkbox"/>
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8" @ 4 7/8"	<input checked="" type="checkbox"/>	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.	<input checked="" type="checkbox"/>
State if Frame Joggled	NO	<input checked="" type="checkbox"/>	BEAMS. IN WAY OF MACHINERY SPACE		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES.	<input checked="" type="checkbox"/>	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	9" 3 1/2" 40" EVERY	<input checked="" type="checkbox"/>
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES.	<input checked="" type="checkbox"/>	" " in way of Bridge, Angle, E or F	8" 3" 38" "	<input checked="" type="checkbox"/>
SINGLE BOTTOM. IN DEEP TANK FORWARD			" " Spacing WAY OF OIL TANKS (SEE SEPARATE SHEET)	LONG BEAMS IN	<input checked="" type="checkbox"/>
Floors, Depth and thickness at mid-line in Holds	48" x 40"	<input checked="" type="checkbox"/>	Second Deck, amidships, Angle, E or F	7" 3" 40"	<input checked="" type="checkbox"/>
Height of Brackets at side above base line at toe of frame	6'-0" BELOW N° 3 STRINGER	<input checked="" type="checkbox"/>	O.T. FLAT FORWARD	27"	<input checked="" type="checkbox"/>
Middle Line Keelson, on Floors, Angles	E BMD. FORWARD OF 149 FR	<input checked="" type="checkbox"/>	Third Deck, amidships, Angle, E or F		<input checked="" type="checkbox"/>
IN CARGO TANKS E or F			Spacing	<input checked="" type="checkbox"/>	
" " Through Plate or Inter-costal Plate	48" x 42"	<input checked="" type="checkbox"/>	Fourth Deck, amidships, Angle, E or F		<input checked="" type="checkbox"/>
" " TOP FLAT Foundation Plate on Floors	10" .50" EW.	<input checked="" type="checkbox"/>	Spacing	<input checked="" type="checkbox"/>	
" " Flat Plate Keel Angles	E.W. DIRECT TO KEEL	<input checked="" type="checkbox"/>	Poop Deck, Angle, E or F	9" 3 1/2" 37 1/2"	<input checked="" type="checkbox"/>
Side Keelsons, No. each side	LONGITUDINAL	<input checked="" type="checkbox"/>	Spacing	EVERY 30"	<input checked="" type="checkbox"/>
" " thickness of Intercoastal Plate	BULKHEADS P&S	<input checked="" type="checkbox"/>	Bridge Deck, Angle, E or F	LONGITUDINAL BEAMS	<input checked="" type="checkbox"/>
" " Angles			Spacing (SEE SEPARATE SHEET)		<input checked="" type="checkbox"/>
DOUBLE BOTTOM. IN MACHINERY SPACE			Forecastle Deck, Angle, E or F	9" 3 1/2" 37 1/2"	<input checked="" type="checkbox"/>
Solid Floors, thickness and spacing	EVERY .42" @ 30"	<input checked="" type="checkbox"/>	Spacing	EVERY	<input checked="" type="checkbox"/>
" " Are Frame and Reversed Frame joggled?	FRAMES ONLY	<input checked="" type="checkbox"/>			
Bracket Floors, breadth and thickness at middle line	<input checked="" type="checkbox"/>				
" " breadth and thickness at margin plate	<input checked="" type="checkbox"/>				

(MADE IN ENGLAND.)

004710-004717-0089 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			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	✓	.38" x .46" UNDER HATCH ✓
LONG ^T WASH BULKHEAD IN DEEP TANK FORWARD			Thickness of Plating abreast Deck openings in way of Bridge.....	✓	4 STRAKE 63" x .46"
" " VERTICAL PLATING	.30" ✓		Thickness of Plating within line of openings...	✓	
" " STIFFENERS { 12" 3½" .50" ✓			If Sheathed, material and thickness.....	NONE ✓	
" " in Hold " " EVERY 27" ✓			Third Deck.		
" " BOTTOM COAMING .40" ✓			Stringer Plate, breadth and thickness.....		
LONG ^T LONGITUDINAL O.T. UNION MELT WELDING OF PLATING			If Plated, state thickness		
Centre Line Bulkhead. { TO STIFFERS			Fourth Deck.		
Stiffeners and Spacing ... BULB TEE "I" 10" x .40" x .5" @ 33" ✓			Stringer Plate, breadth and thickness.....		
STIFFERS AT PANEL JOINTS 10" x .40" x .5" R.S. JOIST ✓			If Plated, state thickness		
Plating, thickness of VERTICAL, FULL HEIGHT .43" ✓			Poop Deck.		
STRINGERS AND DECKS.			Stringer Plate, breadth and thickness.....		
Uppermost Continuous Deck.			BUTTS & SEAMS E-W SINGLE VEE ✓		60" x .38" ✓
Stringer Plate, breadth and thickness in Wells 92 1/2" x .80" ✓			SHEATHED 2½" O.P.		.30 EXPOSED ✓
DECK & STRINGER PLATE BUTTS E.W. SINGLE VEE ✓			Plating, Sheathing, material and thickness26 INSIDE ✓
AT BREAK OF POOP & " in way of Bridge ENDS. .96" ✓			Bridge Deck.		
" Angle in Wells 6" 6" .80" ✓			Stringer Plate, breadth and thickness.....		75" x .38" ✓
UPPER DECK AFT E-W DIRECT TO SHELL. .74" ✓			BUTTS & SEAMS E-W SINGLE VEE ✓		
Thickness of Plating abreast Deck openings } & AS PER PROFILE ✓			5 x 2½" OP SHEATHING EXPOSED ✓		
in way of Wells			Plating, Sheathing, material and thickness34" ✓
Thickness of Plating abreast Deck openings } NO OPENINGS ✓			Forecastle Deck.		
in way of Bridge.....			Stringer Plate, breadth and thickness.....		40" x .38" ✓
Thickness of Plating within line of openings... .64" P, .74" S. ✓			BUTTS E-W SINGLE VEE ✓		
If Sheathed, material and thickness..... NONE ✓			Plating, Sheathing , material and thickness...		.36" .50" UNDER WINDLASS ✓
Second Deck. O.T. FLAT FORWARD OF FR 149. ✓					
Stringer Plate, breadth and thickness in Wells 48" x .38" ✓					

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>Yes</i>			ALL BUTTS. E.W.				
	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.....	53½	1.00 ✓	.84 ✓	.84 ✓		2 ✓	1½	4½ ✓	DOUBLE	VEE ✓			
„ Dblg. (if any)	END BUTTS OF SHELL PLATING E.W. THROUGHOUT SHIP SEE LETTER 22-6-43. ✓												
Bottom Plating, No. of Strakes 3 ✓	2 @ 1 @	.72 ✓ .76 ✓	.51 ✓	.63 ✓		2 ✓	7/8 ✓	3¾ ✓	SINGLE VEE	& SEALING RUNS ✓			
Bilge Plating, No. of Strakes 2 ✓		.76 ✓	.51 ✓	.63 ✓		2 ✓	7/8 ✓	3¾ ✓	“	“	“	“	
Side Plating, No. of Strakes 3 ✓		.66 ✓	.48 ✓	.48 ✓		2 ✓	7/8 ✓	3¾ ✓	“	“	“	“	
Upper Deck, Sheer- strake in Wells.....	81 ✓	.92 ✓	.48 ✓	.48 ✓					DOUBL VEE ½ L ✓				
Upper Deck, Sheer- strake in Bridge ...		1.10" AT BREAK OF POOP ✓			To Bridge side plating. 5 ft. long	IN WAY OF BRIDGE 1	¾	3" ✓	SINGLE VEE & SEALING RUNS AT ENDS.				
Strake below Sheer- strake in Wells.....	81¾ ✓	.72 ✓	.48 ✓	.48 ✓		2 ✓	1" ✓	3½ ✓	SINGLE VEE & SEALING RUNS.				
Strake below Sheer- strake in Bridge ...	81¾ ✓	.72 ✓	✓	✓		2 ✓	1" ✓	3½ ✓	“	“	“	“	
Poop Side Plating } ... 2. E.W. KNUCKLE }	✓	✓	✓	.50 ENDS ✓ .40 ✓		KNUCKLE	E.W. ✓		“	“	“	“	
Bridge Side Plating.....	89 ✓	.50 ENDS .44 ✓	✓	✓		FITTED IN ONE PLATE ✓			“	“	“	“	
Forecastle Side Plating	100 ✓	✓	.44 ✓	✓		“	“	“	“	“	“	“	

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c) 15 TO UPPER DECK.					
Deck next below ONE EXTENDS TO SECOND DECK.					
As per Rule					
UNIONMELT WELDING OF PLATING TO BULB TEE SECTION IN MAIN CARGO TANKS.		STIFFENERS.			
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
CENTRE TANKS FULL DEPTH	•43	10" x 40" x 5" 72	33"	2-10" x 42	9'-6"
MIDSHIP BULKH'D, Upper 'tween decks		UPPER STRINGER		12" x 58" FLAT E.W. FACE BAR	
WING TANKS FULL DEPTH	•45	10" x 40" x 5" 72	36"	3-1" x 42" 11'-9" ABOVE BASE	
"		LOWER		12" x 66" FLAT E.W. FACE BAR	
"		UPPER STRINGER		2-9" x 40" 9'-6"	
"		LOWER		10" x 45" FLAT E.W. FACE BAR	
"				2-9" x 40" 11'-9" ABOVE BASE	
"				10" x 50" FLAT E.W. FACE BAR	
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EQUIPMENT No. 48389 ✓												LETTER df. ✓	ANCHORS. 3 B. I.S.			
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.				
47284	1st Bower	81	3	2	✓			59	10	0	0	✓ 81 1/4	STOCKLESS	✓	SUNDERLAND 26-2-45 F.W.D. ✓	
47311	2nd "	81	3	0	✓	✓		59	10	0	0	✓ 81 1/4	"	✓	" 28-2-45 F.W.D. ✓	
48866	3rd "	69	3	16	✓	✓		53	15	0	0	✓ 69 1/2	"	✓	" 7-1-46 F.W.D. ✓	
	Collective weight	233	2	9	✓							✓ 232				
60216	Stream	23	2	18	✓	5	3	21	23	11	3	14	23 1/2 Ex. Stock	IRON STOCK	✓	CRADLEY HEATH 29-6-45 W.V.N. ✓

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.	Statutory.	Breaking.	Supplied.		Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.	Length.	Cir.	
	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.		
3903	120 ⁵ / ₈	2 ¹ / ₂	112 ¹ / ₂	157 ¹ / ₂	376	3	14	940	300	2 ¹ / ₂	STUD LINK	KENORICK & MOLE LTD.	NETHERTON. 23-7-45 J.A.R.	TOWLINE	130	5 ¹ / ₂	84.4	130	5 ¹ / ₂		
3904	120 ⁵ / ₈	2 ¹ / ₂	112 ¹ / ₂	157 ¹ / ₂	380	0	14		✓		"	"	NETHERTON. 23-7-45 J.A.R.	HAWSERS & WARPS }	2/100	2 ³ / ₄	15.2	2/100	2 ³ / ₄		
6381	60 ¹ / ₂	2 ¹ / ₂	112 ¹ / ₂	157 ¹ / ₂	187	3	21		✓		"	"	NETHERTON. 24-1-46 J.A.R.		2/100	2 ³ / ₄	15.2	2/100	2 ³ / ₄		
Iron Stream Chain or Steel Wire }	302 ¹ / ₂	Cir.			994	3	21		✓	Cir.	6/24			"							
	120	4 ³ / ₄	✓	64.6	✓			✓	120	4 ³ / ₄	F.S.W.R.	✓	✓	"							

Steering Gear, Type (Power or hand)	STEAM, TELEMOTOR GEAR BY DONKIN & CO LTD ✓	Alternative Means of Steering	BLOCK & TACKLE LED TO CAPSTANS ON POOP DEK. ✓
Steering Chains (Size and Test)	NONE ✓	Windlass	CLARKE CHAPMAN ✓
Ceiling in Holds, thickness and material	NONE ✓	Cargo Battens, thickness, material and spacing	NONE ✓
Cargo Hatchways.—(Upper Deck)	18 OFF TO CARGO TANKS 4'-0" DIA OILTIGHT. (3'-0" OPENINGS IN DECK.) ✓	Thickness of Hatches	Nº 1 STEEL W.T. COVER 50" WITH 3 STIFFENERS SPACED 3'-0" APART 6' x 3' x 44 O.A. TOE E.W. ✓
Size of Hatchways No. 1 (Fwd.)	9'-0" x 12'-0" ✓	No. 2	✓
No. 3	✓	No. 4	✓
No. 5	✓	No. 6	✓
Number of Shifting Beams and/or Fore and Afters			

Builder's Signature *J. M. Gouven* 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. *✓* 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). *Fitted for burning Oil Fuel flash point above 150°F. ✓ Boiler Room Deep Tank, ✓ Cross Bunker, ✓ and Forward Deep Tanks. ✓*
 This ship has been built in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. ✓
 The main cargo tanks, cofferdams, oil fuel tanks, double bottom tanks in engine space, deep tank under boilers, forward deep oil fuel tanks, fore and after peaks, and feed water tank, have been tested to rule requirements with satisfactory results. ✓
 The weather decks clear of the oil tanks, watertight doors, poop front etc., have been tested with water from a hose and found tight. ✓
 Steam and auxiliary steering gear, hand pumps to peak tops, windlass and winches, have been tested under working conditions and found satisfactory. ✓ The Freeboard markings have been cut in and verified. ✓ The workmanship and materials are good. ✓

The amount of Entry Fee.....	£ 11 : 0 : 0	Fees applied for,	
FREEBOARD.	19 0 0	13/3/1946.	
Special Survey Fee.....	£ 606 16 : 6	Received by me,	
SUPERVISION OF SPECIFICATION		19	
Travelling Expenses, if any	£ 51 : 14 : 0		
State whether the Vessel has been built under Special Survey	YES.		

Signature *H. C. Young* Surveyor to Lloyd's Register of Shipping.
 Certificate to be sent to *Middlesbrough* Date of issue *6/5/46*
 Committee's Minute
 Character assigned *+100A1 "Carrying Petroleum in bulk"*
2.46 hull. Fitted for oil fuel 2.46 F.P. above 150°F
*Lloyd's A.V.C.P. LMC * 2.46*
Machy. aft. F.D. C.L.
White Hpl. 2 WTB 490lbs (Sph. 475lb)
2 DB 180lb.
 Note for S.R.L.
 0089 2/3

PARTICULARS OF LONGITUDINAL FRAMING.

"WAVE SOVEREIGN".

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 E , L or E													
Frames in Bridge 'tween Decks ...		5	7	3	3/8				3/4	4 1/2		7	7/8
Frames from Uppermost Continuous Deck No. 1													
" 2													
" 3													
" 4	TRANSVERSE												
" 5	FRAMING												
" 6	AT												
" 7	SIDES. ✓												
" 8													
" 9													
" 10													
" 11													
" 12													
" 13													
LONGITUDINALS ON BOTTOM IN CENTRE TANKS ONLY.		17	6	4	4	6	8	HEEL OF BARS E.W. FOR 5'-6" FROM BHD. ✓	7/8	5	13 @ 3 1/8" BHD. ✓	11 @ 3 1/8" TRANS. ✓	E.W. ✓
" 14								EACH END IN LIEU OF BACK BARS, ✓	"	"	"	"	"
" 15								EXCEPT NO. 6 CENTRE TANK FITTED WITH	"	"	"	"	"
" 16								3 1/2 x 3 1/2 x .44 BACK BARS FRS: 134 - 147. ✓	"	"	"	"	"
Spacing of Longitudinal Frames	Amidships		3	3									
	At Ends		3	3									
Double Bottoms, L, L or C	Tank Top Longitudinals												
	Bottom												
Spacing of Longitudinals	Amidships												
	At ends...												
Transverses.													
Side (in 'tween Decks)	Depth and Thickness	15	x	38									
	Face Angles	3	3	3/8									
	Lugs to Shell	3 1/2	3 1/2	3/8					3/4	3 3/8			
Side (in Hold)	Depth and Thickness	37 1/2	x	42									
	Face Angles	6	3 1/2	64	O.A.				7/8	4 7/8			
	Lugs to Shell	6	6	44	O.A. AT BARGE ✓								
Bottom	Depth and Thickness	45	x	44	CENTRE. ✓								
	Face Angles	6	3 1/2	62	CENTRE. ✓								
	Lugs to Shell	6	6	44	SIDES. ✓				7/8	4			
	Back Bars	3 1/2	3 1/2	44	AT LONG: BHD. IN CENTRE TANKS ✓				7/8	4			
	Centre	5-0 x 5-3 x .44	5	FLANGE & 3 1/2 x .44 FLAT E.W. STIFF ✓									
	Brackets	AT LONG: BHD. 12 x 3 1/2 x 3 1/2 x .44 / 50. ✓											
Spacing of Transverse Frames		13-9	11-0	13-9	BHD. TRANS. TRANS. BHD.								
Longitudinal Beams of E , L or E	Bridge Deck	5	6	3	34				36	33			
	Upper	5	9	3 1/2	44	AT CENTRE TANK	IN WAY OF	33					
	Second	5	9	3 1/2	50	WING	CARGO TANKS	36					
	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.

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.)

REPORT N° 17954	EMPIRE BOUNTY	FURNESS S.B. CO LTD	YARD N° 356	SISTER VESSEL
" 17621	" LAW	" "	" 357	" "
" 17674	" MILNER	" "	" 358	" "
" 17701	" PALADIN	" "	" 359	" "
" 17736	" PROTECTOR	" "	" 360	" "
" 17765	WAVE EMPEROR	" "	" 361	" "
" 17824	" GOVERNOR	" "	" 362	" "
" 17867	" REGENT	" "	" 363	" "

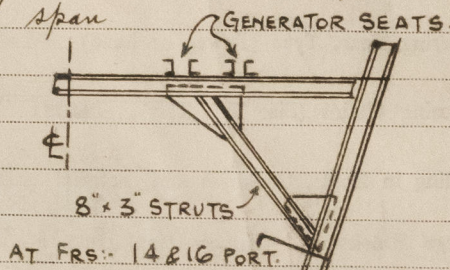
Fore Peak:- Additional stiffening fitted in Fore Peak in accordance with amended plan of the 20th April 1944. Two tie plates fitted on each stringer N°s 2, 3, & 4. and 3 intermediate breasthooks fitted. ✓

Generator Flat a/cft. Additional stiffening. Each generator is fitted on two 8" x 3 1/2" C girders running F & A. and E.W. to tank top. Diagonal struts, similar to those fitted in sister vessels, fitted in Feed Water Tank, under centre of span from beams to main frames at N°s 14 & 16 Port side. ✓

Steering Engine Seating and Bedplate

Additional tripping brackets and chocks fitted. ✓

Compressor Flat. Extra stiffening has been fitted on two of the F & A. beams under compressor in the Engine Room, Port side. ✓ 4" x 1/2" FLAT E.W. ✓



PARTICULARS OF ELECTRIC WELDING (if employed) See letter 22nd June 1943.

Rudder, all Shell and Upper deck butts, Upper deck seams in way of basings aft, Forecastle deck butts, Poop and Bridge deck butts and seams, Stringers to bulkheads and side shell in cargo tanks, Bulkheads in main cargo tanks (Frs 54-147), fabricated in large panels by Unionmelt welding and E.W. direct to shell and upper deck, ER & B.R. Tank tops. ✓
all with approved electrodes. ✓

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

Cruiser Stern, Wireless, Direction Finding Apparatus, Echo sounding, Gyro compass, Butts of Shell and Upper deck E.W., Longitudinal framing at bottom in centre tanks and at deck, Fitted for Oil Fuel flash point above 150° F.

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

1st Bower	48-0-24 ✓	J.H.J.	N° 6137	10-3-44.
2nd "	46-3-14 ✓	A.E.G.	N° 6002	6-6-44. ✓
3rd "	40-0-15 ✓	J.H.J.	N° 7053	18-7-45. ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 122 ft., R.Q.D. ✓ ft., Bridge 46.5 ft., Forecastle 51.25 ft.

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

Official No. 180813.

Signal Letters.

Extreme Breadth over Belting (Circ. 1611) ✓

Over-all Length 491' ✓
(Circ. 1703)

No. and Material of Decks. 1, DK. STEEL

Parts of Bottom of Vessel coated with cement or approved composition. CEMENT IN BOTTOM OF FORE & AFT PEAKS & E.R. WELL. CEMENT WASH IN F & A PEAKS, COFFERDAMS, & F.W. TANKS.

Particulars of composition (if fitted) and of approval N° 3 WING TANKS (P & S) COATED WITH TANCTECTOL. (2 COATS).

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.)

115 Gals. Ballast 116.44

Where Fitted.	Length.	SALT Water Capacity.	Where Fitted.	Length.	SALT Water Capacity.
Double bottom, aft,	Feet. NONE	Tons. ✓	Fore peak tank,	Feet. 24.75	Tons. 54
Double bottom, under Engines and Boilers.	NONE	✓	After peak tank,	FEED WATER 16.00	(157)
Double bottom, if under Engines only, F.W. OVERFLOW O.F.	10-0 ✓ 22-6 ✓ 15-0 ✓	80	Deep tank, aft,	FEED WATER 22.50	168
Double bottom, if under Boilers only, SEE DEEP TANK	✓	✓	Deep tank, forward,	N° 1 31.5 } DTs ✓ N° 2 18.0 }	49.50 805
Double bottom, forward,	NONE	✓	Other tanks, if fitted, DEEP TANK UNDER B.R.	> 27.50	302
Total length (if continuous) and Capacity	(32-6) 47-6"	80	(If necessary furnish further information by sketch.)		

TANKS IN WAY OF TUNNEL 450 TONS

Order for Special Survey No. 1557

Date 29.6.43

Dates of Surveys held while building

1944 May 8-9-10-18-24 June: 1-8-9-19-20-23-28-29-30 July: 4-6-10-17-21 Aug: 10-14-15-18-21-25-28-31
Sep: 5-7-12-13-14-15-18-19 Oct: 3-4-19-23-26 Nov: 1-6-7-9-14-22-28-30 Dec: 1-4-6-15-18-22 (1945)
Jan: 3-12-15-16-17-22-23-25 Feb: 1-6-7-8-13-15-19-22 Mar: 9-12-15-19-27 Apr: 5-16-17 May: 29-30 31 June
1-7-8-15-19-27 July: 12-16-17-18 Aug: 7-8-9-10-17-18-20-21-22-23-24-27-29-30 31 Sep: 3-4-5-7-10-11-14-17-18
20-21-25 Oct: 3 Nov: 1-2-5-12-13-14-15-26-28-29-30 Dec: 3-7-12-14-20-27 (1946) Jan: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30
Feb: 1-4-5-6

Total No. of Visits 152

For S.S.O.F. see "Lawe Regent" (Indb. 17867)