

RECEIVED STEEL STEAMER OR MOTORSHIP  
25 MAY 1945 WRECK

25 MAY 1944 WRECK

IN D.O. SECTION

10 860

Date of completion of report 17.5.49

Port of Sunderland

No 35114

Survey held at Sunderland

Date First Survey 18th December 1947 Last Survey 5th May 1949

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M.V. "BRITISH LIBERTY" Machinery fitted Aft Single Screw

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full Scantling State Type of Erections Pop. Bridge. etc.

TONNAGE under } 7508.40  
Tonnage Deck ... }

CLASS +100A1 Carrying 15000 tons State if with freeboard } YES  
as condition of Class

Built at Sunderland

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

Length from fore part of stem to after part of stern } L 463-512  
post on summer L.W.L. See Sec. 3 (1a)

Launched 2.9.48. Yard No. 765

al ..... ✓

ss Tonnage ..... 8589.42

Breadth (greatest moulded) ..... B 61'-9" ✓  
 Depth, at middle of length from top of keel to top  
 of beam at side of uppermost continuous }  
 deck. See Sec. 3 (1c) ..... D 34.08 ✓

Builders Wm Dufford & Sons Ltd.

Owners The British Tankers 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*

During Construction I in Dry Dock.

REGISTERED DIMENSIONS.

FEET

gth 469.6'

ndth 62.05

th 33.95

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

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

Do. Long Bridge to  
top of keel (

Draught Moulded

 $27' - 6\frac{1}{4}"$ 

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.....	30 1/2"	✓	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	54" x 42"	✓
Frame Amidships, <del>Angle, [ or ]</del> ✓	10" 3 1/2" 40"	✓	" " top Angles .....	3 1/2" 3 1/2" 50"	✓
" " Extends up to.....	UPPER DECK.	✓	" " bottom Angles.....	4" 4" 50"	✓
Reversed Frame Amidships, Angle .....	✓		Side Girders, No. each side and thickness.....	2 @ 62"	✓
" " Extends up to .....	✓		Margin Plate depth (excl. of flange) and thickness .....	✓	
Depth of Framing Girder.....	10" ✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....	✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area .....	✓	
" " Second 'tween Decks, Angle, [ or ] .....	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓	
" " Third .....	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area .....	✓	
" " from 1/2 len. for'd. to 15% len. from Stem .....	11" 3 1/2" 47"	✓	Tank Side Brackets, height above base line at toe of Frame and thickness .....	✓	
" " in Peaks, <del>Angle, [ or ]</del> ✓	8" 3 1/2" 46"	✓	INNER BOTTOM PLATING. (AFT.)		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....	7/8" @ 5 1/2"	✓	Breadth and thickness of Middle Line Strake.....	52"	✓
State if Frame Joggled.....	✓		Thickness of remainder <del>Holds</del> .....	50" 9 1-25 IN WAY OF ENG	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or 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 ?.....	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?.....	✓		BEAMS.		
ANGLE BOTTOM. In Cargo Tanks. ✓			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ] .....	Longitudinal ✓	
Floors, Depth and thickness at mid-line in Holds.....	Longitudinal		" " in way of Bridge, Angle, [ or ] .....	" ✓	
Height of Brackets at side above base line at toe of frame.....	Framing ✓		Spacing .....	9" x 3 1/2" x 3 1/2" 45" ✓	
Middle Line Keelson, on Floors, Angles, [ or ] .....	✓		UPPER STRINGER. ✓	6" x 3 1/2" x 45" REV. BAR. ✓	
" " Through Plate or Intercostal Plate .....	54" x 42" ✓		Spacing .....	Every 4" ✓	
" " Foundation Plate on Floors TOP BARS. ✓	3 1/2" 3 1/2" 50" ✓		LOWER STRINGER ✓	10" x 3 1/2" x 3 1/2" 45" ✓	
" " Flat Plate Keel Angles	4" 4" 50" ✓		Spacing .....	6" x 3 1/2" x 56" REV. BAR. ✓	
Side Keelsons, No. each side.....	✓		Fourth Deck, amidships, Angle, [ or ] .....	Every 4" ✓	
" " thickness of Intercostal Plate.....	✓		Spacing .....	✓	
" " Angles .....	✓		Poop Deck, <del>Angle, [ or ]</del> ✓	10" x 3 1/2" x 44" and as app. ✓	
DOUBLE BOTTOM. In Machy. Space. ✓			Spacing .....	30" ✓	
Solid Floors, thickness and spacing .....	62" 50" Every frame. ✓		Bridge Deck, <del>Angle, [ or ]</del> ✓	7" x 3" x 33" 2021 ✓	
" " Are Frame and Reversed Frame joggled ? .....	✓		Spacing .....	30 1/2" ✓	
Bracket Floors, breadth and thickness at middle line .....	✓		Forecastle Deck, <del>Angle, [ or ]</del> ✓	9" x 3 1/2" x 38" and as app. ✓	
" " breadth and thickness at margin plate.....	54" ✓		Spacing .....	27" ✓	

(MADE IN ENGLAND.)

005301 - 005306 - 0148 1/2



# 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		60" x 40" flt	10" Lamin.	Stringer Plate, breadth and thickness in way of Bridge		29" x 42" 3" flt + 0.8" Lamin.	AT LONG BND.
in 'tween Decks, Size and Spacing		3 1/2" x 3 1/2" x 40" Con. To DK	DOUBLE.	Thickness of Plating abreast Deck openings in way of Wells			
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds				Thickness of Plating within line of openings			
2 LONG " " " "				If Sheathed, material and thickness			
Centre Line Bulkheads		30" x 30 1/2"	10" x 3 1/2" x 40"	LOWER STRINGER, Third Deck.		29" x 42" 3" flt + 0.8" Lamin.	
Stiffeners and Spacing		see plan	40" to 51" + 10" Lamin.	Stringer Plate, breadth and thickness			
Plating, thickness of				Do.		29" x 42" 3" flt + 0.8" Lamin.	
If Plated, state thickness				AT LONG BND.			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells		74" x 72"		If Plated, state thickness			
" " " " in way of Bridge		74" x .88	See letter 7.6.49	Poop Deck.			
" Angle in Wells		7" x 7" x 72"		Stringer Plate, breadth and thickness		38"	
Thickness of Plating abreast Deck openings in way of Wells		.70"		Plating, Sheathing, material and thickness		32" Teak 2 1/2"	
Thickness of Plating abreast Deck openings in way of Bridge		.93"		Bridge Deck.			
Thickness of Plating within line of openings		.58"	see plan	Stringer Plate, breadth and thickness		72" x 40"	
If Sheathed, material and thickness		UNSHEATHED.		Plating, Sheathing, material and thickness		32" Teak 2 1/2"	
UPPER STRINGER, Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells		29" x 42"	10" Lamin.	Stringer Plate, breadth and thickness		38"	
				Plating, Sheathing, material and thickness		36" UNSHEATHED.	

## 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.	
Flat Plate Keel	53"	.99"	.77"	.77"		DOUBLE	1"	4"	Welded.		
" Dblg. (if any)											
Bottom Plating, No. of Strakes	2 @	.65"	.51"	.51"		"	7/8"	4"	4"	7/8"	Lapped
Bilge Plating, No. of Strakes	2 @	.66"	.51"	.51"		"	7/8"	4"	4"	7/8"	"
Side Plating, No. of Strakes	3 @	.64"	.48"	.48"		"	7/8"	4"	4"	7/8"	"
Upper Deck, Sheer-strake in Wells						"	1"	4"	5"	1 1/8"	4 1/2"
Upper Deck, Sheer-strake in Bridge		63"	.98"	.48"	.48"						
Strake below Sheer-strake in Wells						"	1"	4"	4"	1"	4"
Strake below Sheer-strake in Bridge		81"	.82"	.48"	.48"	Single	3/4"	4"	Single	3/4"	3 1/2"
Poop Side Plating				.40"		"	3/4"	4"	"	3/4"	3 1/2"
Bridge Side Plating		.44"				"	3/4"	4"	"	3/4"	3 1/2"
Forecastle Side Plating			.44"			"	3/4"	4"	"	3/4"	3 1/2"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—  
 Extending to Upper Deck (Sec. 3 c) 16 ✓  
 " Deck next below  
 As per Rule

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, IN CENTRE TANKS, Upper 'tween decks	50-51"	10 x 3 1/2" x 40"	30"	25 Stringers 30" x 40" flt 4"	
" IN WING TANKS, Second	50-51"	10 x 3 1/2" x 46"	31 1/4"	25 Stringers 26" x 40" flt 3"	
" " Third		x B.A.		50 Stringers 30" x 40" flt 3"	
" " Holds		See letter 7.6.49		See letter 7.6.49	
" " (in Hold)	26-53"	9 x 3 1/2" x 38"	24"	17 Cat 38 Stringers	
AFTER PEAK	30-46"	9 x 3 1/2" x 37 1/2"	24"	17 Cat	

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	✓			
STEM	Rolled	M.S. 10 x 2 3/4"		
STERN FRAME	Propeller Post	C.S. 16 1/2 x 1 1/4"		and as approved by State
	Rudder	✓		
Speed of Vessel		11 1/2 Knots.		
RUDDER—Type		Simply Balanced Type		
" A x D.		378		
" Diam. of head		11"		
" Mainpiece at top pintle		✓		
" heel		✓		
" how constructed		Fabricated as per app. 41		
" double or single plate coupling, vertical or horizontal		Double 60"		
"		Horizontal		

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*  
*Appleby Ltd., Wenssett; Cargo Steel; Dorman Long; Skinningfold; South Durham.*  
 Has the Steel been tested as required by the Rules? *Yes*

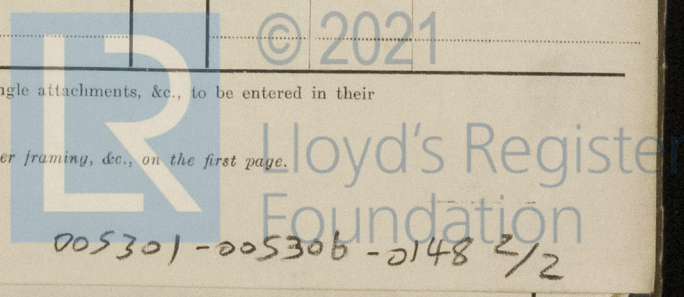


PARTICULARS OF LONGITUDINAL FRAMING.

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.
Between Decks ...												
Most Continuous No. 1												
" 2												
" 3												
" 4												
" 5												
" 6												
" 7												
" 8												
" 9												
" 10												
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
(Amidships)												
(At Ends)												
Top Longitudinals												
Bottom												
Longitudinals { Amidships												
{ At Ends												
Transverses.												
Depth and Thickness												
Face Angles												
Lugs to Shell												
Depth and Thickness												
Face Angles												
Lugs to Shell												
Back Bars												
Depth and Thickness												
Face Angles												
Lugs to Shell												
Back Bars												
Brackets												
Transverse Frames												
State if joggled or liners.												
Final												
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.



White fld. 20B. 150 lbs. C.L. M



Not excessive

**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. ✓  
(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).

Fuel Oil (F.P. above 150°) carried in forward Oil Fuel Bunkers, O.F. Bunkers aft, Settling tanks and in D.B. Tanks under Engines. This vessel has been built in conformity with the Society's Rules and regulations and the Secretamp letters. The scantlings and arrangements are in accordance with those shown on the approved plans. The material and workmanship are good. The Bulkheads have been marked on the vessels sides, unified and cut in. The Double Bottom tanks, Cofferdams, Cargo tanks, Bunkers, Settling tanks, Peaks, and Fresh Water Tanks have been tested as required by the rules. The Windlass, Steering Gears and Auxiliary means of steering have been tested and found satisfactory. The Bulkheads, Decks and W.T. Doors have been tested as required by the Rules. ✓

Lloyd's Register  
Foundation



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 Docked on Tyne for Cleaning and painting 23.4.49 See Newcastle Report.

Plans being retained in connection with the completion of sister vessel "BRITISH LOYALTY"

Forging Certs, etc, enclosed.

PARTICULARS OF ELECTRIC WELDING (if employed) Parts Welded:-

Upper and Lower Stringers to Dhs. Rudder plates. Bilge keel to shell, Keel plate butts  
Auxiliary Seats. Bulkhead stiffeners to Bhd plating.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Carrying Petroleum in Bulk.  
Oil Engine. Longitudinal frames at bottom and decks. Butts of keel welded.  
Cruiser Stern. Echo Sounder. Gyro Compass. Direction finding.  
Radar by Gossan. SDI 1211.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	51.3.7	J.H.J.	9802	30.4.48
	2nd "	51.3.21	J.H.J.	9777	21.4.48
	3rd "	44.0.7	C.S.P.	9766	5.9.47
	STREAM.	19.1.7	A.E.G.	9784	19.9.47

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 94.75 ft., R.Q.D. ft., Bridge 40.0 ft., Forecastle 47.9 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated 99.25 see hull 4.6.49 47.0 see hull 4.6.49

Official No. 183009

Signal Letters

Extreme Breadth over Belting (Circ. 1611)

Over-all Length 490-0 (Circ. 1703)

No. and Material of Decks One steel deck (upper) Keel, Bridge & Poop decks steel.

Parts of Bottom of Vessel coated with cement or approved composition Cement outside oil compartments, fillets & seams  
and butts in oil compartments

Particulars of composition (if fitted) and of approval

Cement.

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,	67-6	171	Fore peak tank,	30-0	229
Double bottom, under Engines and Boilers,	✓		After peak tank,	16-0	73
Double bottom, if under Engines only,	✓		Deep tank, aft,	33-9	48
Double bottom, if under Boilers only,	✓		Deep tank, forward,	3-6	19
Double bottom, forward,	✓		Other tanks, if fitted, FORD COFFERDAM.	3-6	19
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.) AFTER COFFERDAM.		

Order for Special Survey No. 6224

Date 22-8-46

Dates of Surveys held while building

1947 Dec 18, 22, 24, 30 / 1948 Jan 26 Feb 5, 10, 13, 18, 20, 23 Mar 2, 10, 12, 15, 17, 18, 24 Apr 15, 19, 21, 29 May 3, 10, 19, 21  
Jun 8, 9, 24, 29 Jul 6, 7, 9, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23 Aug 3, 4, 5, 6, 9, 10, 11, 13, 15, 17, 18, 19, 23, 24, 25, 26, 27 Sep 15  
1949 Jan 26, 28, 31 Feb 2, 3, 7, 10, 11, 14, 17, 22 Mar 2, 4, 8, 14, 16, 17, 18, 21, 22, 23, 24, 28, 29, 31 Apr 1, 4, 6, 7, 11, 13, 14, 19, 20, 21  
May 2, 3, 5

Total No. of Visits

Lloyd's Register Foundation