

14 MAR 1932

Index No. 34123
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

14584

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey MIDDLESBROUGHDate of Survey DURING CONSTRUCTIONName of Surveyor J. B. Richter

WITH CONTINUOUS TRUNK 7'-6" HIGH BETWEEN P.O.P. & F.CLE.

Ship's Name. <u>S. BRITAM LUBE</u>	Port of Registry and Nationality. <u>TORONTO DOM.</u>	Official Number. <u>✓</u>	Gross Tonnage. <u>✓</u>	Date of Build. <u>1932</u>	Particulars of Classification. <u>1100 A1. "CARRYING PETROLEUM IN BULK FOR SERVICE ON THE GREAT LAKES."</u>
Number in Register Book. <u>55 S.B. C-5 N: 212</u>					

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	250	43.2	17.9	1465.46
Length on Rule	250	Frame Depth 10' 4"	Ceiling + 20"	Peak 1464"
Length on Rule		Rule " 5"	Sheer - 44"	Tanks
Length on Rule		5' 2.10" = 85"	DEPTH TO TOP TANK BETWEEN LONG 24" FLOORS	5.9 TONS
Length on Rule		NO SPARK + 33"	16.91	CAB. + 16.5 TONS
Length on Rule				DR. FLS. F. + 3"
CORRECTED DIMENSIONS.	250	42.70	16.685	1425.96

Moulded Depth as measured.....18'-0"

Addition for Keel below base line for draught record.....1.34 inches.

NOTE.—If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	250
Length in Table	216
Difference	34
Correction for 10ft., Table A.	1.1
× Difference divided by 10	3.74 (if required.)
If 1/10ths length covered divide by 2	1.87 + 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered	
Thickness of usual wood deck, less stringer	-3 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	43-0
Round of Beam	11"
Normal round.....	10.75"
Difference	2.25 ÷ 2 = 1.125
Proportion of Deck uncovered (Para. 19)284

NOTE.—The round of beam should be reported on the full breadth of vessel at the gunwale.

STERNPOSTS ONLY (SEE SKETCH)

Stem.....	48"	÷ 2 =	Mean 36"
Sternpost ...	24"		
1/2 of the length from Stem	14 1/2"	÷ 2 =	Mean 19.688"
1/2 of the length from Sternpost	8"		
Mean Sheer	35.00	Correction 78"	
Mean Sheer [Table, Para. 18]	15.32	÷ 4 =	3.83
Difference.....			+ 4.3 3/4
Limited as Para. 18 (f)			

Sheer in Sheer	At front of bridge house.....	✓
Sheer amidships	At after end of forecastle	✓
Para. 18 (e)]		

Fall in Sheer	÷ 2 =	✓
Para. 18 (d)]		
Length uncovered		Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....	1-0"
Correction for Length, if required (Para. 12, 13, and 14)	
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)	3-8 1/4"
Difference	2-8 1/4"
Percentage as below.....	45.4%
	-14.7568"

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	
Allowance for Deck Erections	-14 3/4"

	Length.	Length allowed.	Height.
Forecastle.....	41	41.00	7-6"
Bridge House.....	EXPANSION TRUNK	60.785	7-6"
Raised Qr. Dk.....	147 x 21 1/2"		
Poop.....	62	62.00	7-6"
Total		163.785	
Length of Ship		250	
Corresponding percentage (Para. 11, 12, 13, or 14)	45.4%		

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck:—	
Fresh Water Line above centre of Disc	2-3 1/2"
Indian Summer Line " " " "	4 1/2"
Winter Line below " " " "	2 1/2"
Winter North Atlantic Line " " " "	4"

Correction necessary because clearsides amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side.

Winter Freeboard	2-4 1/2"
Summer Freeboard	2-2 1/4"
Indian Summer Freeboard	2-0 1-11 1/2"
N. A. Winter Freeboard	2-6 1/4"

Winter Freeboard from deck line.....

Summer " " " ".....

Indian Summer " " " ".....

N. A. Winter " " " ".....

2-3 1/2"

4 1/2"

2 1/2"

4"

+ State dimensions of freeing port area on back of this form.

The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

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Lloyd's Register
Foundation

Do all the Frames extend to the top height in the Poop? YES Raised Quarter Deck? ✓ Bridge House? ✓ Forecastle? YES
 To what height do the Reverse Frames extend? BULB ANGLE FRAMES
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? YES
 Give particulars of the means for closing the openings in Bulkhead INTACT
 Is the Poop or Raised Quarter Deck connected with the Bridge House? NO Has the Bridge House an efficient Bulkhead at the fore end? ✓
 Give particulars of the means for closing the openings in Bulkhead ✓
 What is the thickness of the Bridge Front plating? ✓ and Coaming plate? ✓
 Give scantlings and spacing of the Stiffeners ✓
 Are bracket plates fitted at each end of the Stiffeners? ✓ Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ✓
 Has the Bridge House an efficient Iron Bulkhead at the after end? ✓
 How are the openings closed? ✓
 Is the Forecastle at least as high as the main or top-gallant rail? YES 7'-6" Has the Forecastle an efficient STEEL Bulk'd. at after end? YES
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? POOP, & CASING 2'-6" HIGH
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? ✓
 Give thickness of plating; scantlings and spacing of Stiffeners ✓
 What is the height of the exposed Casings? 2'-6" Are suitable means provided for closing all openings in them in bad weather? YES
 Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of the Rules? Give particulars below: YES AS PER APPROVED PLANS

Position.	Nº 1 HATCH ON FLEE DK.								
Size.	7'0" x 7'0"								
Height above top of DECK	2' 7"		HATCHES TO OIL TANKS ALL 6'0" x 4'0" x 2'-6" ABOVE TOP OF TRUNK FITTED WITH OILTIGHT STEEL COVE STEEL COAMINGS .40 COVERS						
COAMING Thickness	Sides	Ends	.44						
			.44						
SHIFTING BEAMS OR WEB PLATES	Number	ONE							
	Section and Scantlings	8 x 3 1/2 x 38							
	Material	BULB ANGLE STEEL							
* FORE AND AFTERS	Number	✓							
	Section and Scantlings	✓							
	Material	✓							
HATCHES Thickness	3'								
Remarks									

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of keel to lower edge of lowest side scuttle.)

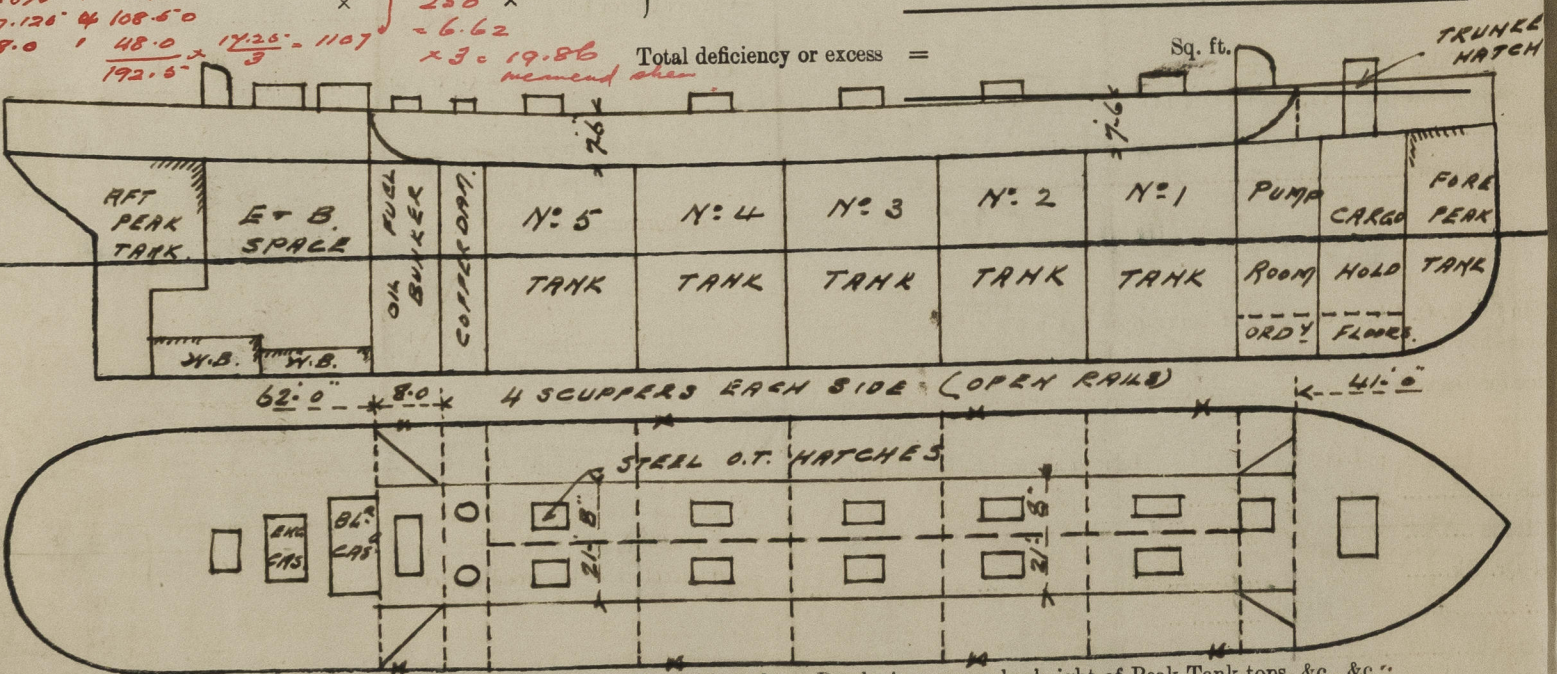
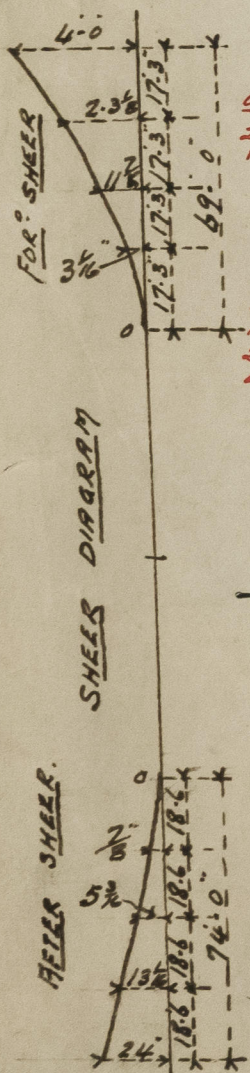
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? 3 1/2" Strake between Main and Bridge Sheerstrakes? ✓

Delete the words { The Crew are, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well 69' 0"
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = 1655 Sq. ft.

	Ft.	Tenths.	No.		Sq. ft.
90.12 x 18.5	90.12	18.5	1655	Freeing Ports (each side of vessel) =	Sq. ft.
3.06 x 4	3.06	4	12.25		
11.875 x 2	11.875	2	23.75		
27.126 x 4	27.126	4	108.50		
48.0 x 48.0	48.0	48.0	1107		
192.5	192.5			Total deficiency or excess =	Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.
 CONTEMPLATED TO BE CLASSED + 100 A1. CARRYING IN BULK FOR SERVICE ON THE GREAT LAKES.

State any special features in the construction of the Vessel LONG FRAMING AT BOTTOM & AT DECK
 M^o DISP. AT 85% M^o DEPTH 3790 TONS RN. BULB ANGLE FRAMES AT SIDES, MIDDLE LINE BULK
 TONS PER INCH AT SAME 22.04 TONS
 Builder's name and yard number FURNESS S.B. CO. Nº 212

Names of sister vessels S/S "BRITAMOLENE" FURNESS S.B. CO. Nº 200

Owners BRITAM LUBE LTD

Address MONTREAL P.Q.

Fee £ 6 : 0 : 0 Received by me