

31790  
GENOA REPORT  
9083

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

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 Genoa  
Date of Survey July 1925  
Name of Surveyor James S. Dunston

FRISCO EX

Ship's Name. W.S. PORTER

Port of Registry and Nationality. Genoa Italy

Official Number. ✓

Gross Tonnage. 4902

Date of Build. 1906

Particulars of Classification. + 100 A1

Carrying Petroleum in bulk

Number in Register Book 36678

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>385</u>	<u>49.7</u>	<u>28.7</u>	<u>4562</u>
Length on LOADLINE.	<u>385.0</u>	Frame Depth <u>56</u> No. Ceiling <u>+20</u> Peak Rule <u>56</u> Sheer <u>-26</u> Tanks <u>35</u> No SPARRING <u>33</u> <u>2m = +.43</u>		Correction <u>in Double Bottom aft</u>
CORRECTED DIMENSIONS.	<u>385</u>	<u>50.103</u>	<u>28.64</u>	<u>4597</u>

Moulded Depth as measured..... 30'-3"  
 Wood Deck (less plating joints) 3 1/2"  
 Addition for Keel below base line for draught record..... 1 3/4 inches.  
29'-11 1/2"

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..... 385.0  
 Length in Table ..... 359.635  
 Difference ..... 25.375  
 Correction for 10ft., Table A. .... 1.5 Table C. 8  
 × Difference divided by 10 ..... 2.537 3.83 (if required.) 2.04  
 If 1/10ths length covered divide by 2 1.268 = +3 3/4" +2"

### CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/7ths length covered ..... ✓  
 Thickness of usual wood deck, less stringer ..... 3 1/2" Allowed in Mld. Depth reduced.

### CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 47.6 FEET  
 Round of Beam ..... 12  
 Normal round..... 11.9  
 Difference ..... ✓ ÷ 2 = ✓  
 Proportion of Deck uncovered (Para. 19) ..... ✓

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

Co-efficient of fineness..... .833  
 Any modification necessary [Para. 4 (a) to (e)]\* ✓  
 Co-efficient as corrected ..... .83 .82 highest in Tables

Sheer { Stem..... 62 } 91.5 ÷ 2 = 45.75 ... Mean  
 at { Sternpost ... 29.5 }  
 Sheer at 1/2 of the length from { Stem 30 } 43 ÷ 2 = 21.5 ... Mean  
 { Sternpost 13 } 55  
 Gradual mean Sheer ..... 39.109 = 39.109  
 Standard mean Sheer [Table, Para. 18] ..... 48.5 Correction  
 Difference..... 9.41 ÷ 4 = 2.35  
 § If limited as Para. 18 (f) ..... +2 3/8 1/4"

Rise in Sheer { At front of bridge house..... ✓  
 from amidships [Para. 18 (e)] { At after end of forecastle ..... ✓  
 ¶ Fall in Sheer { ZERO ÷ 2 = ✓  
 Para. 18 (d) }  
 Length uncovered ..... ✓ Correction

### ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 4'-5 3/8 1/4"  
 Correction for Length, if required (Para. 12, 13, and 14) ..... +  
 Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 4'-7 7/8 1/4"  
 Difference ..... 8'-3 1/2 1/4"  
 Percentage as below..... 3'-8 8/8"  
18.95%  
 Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓  
 Allowance for Deck Erections ..... -8 7/8 1/4"

	Length.	Length allowed.	Height.
Forecastle.....	<u>33'-6"</u>	<u>33.5</u>	<u>7'-6"</u>
Bridge House.....	<u>27'-3"</u>	<u>13.62</u>	<u>7'-6"</u>
† Raised Qr. Dk.....			<u>7'-6"</u>
Poop.....	<u>69'-8"</u>	<u>69.66</u>	<u>7'-6"</u>
Total.....	<u>130'-5"</u>	<u>116.78</u>	<u>30.35%</u>
Length of Ship.....	<u>385</u>	<u>385</u>	<u>30.35%</u>
Corresponding percentage (Para. 12, 13, or 14).....			<u>18.95-90%</u>

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Steel) Deck:—  
 Fresh Water Line 6 1/2" above centre of Disc  
 Indian Summer Line 5" " " " "  
 Winter Line 5" below " " " "  
 Winter North Atlantic Line " " " "

Freeboard, Table A ..... 7'-9 3/8 1/4"  
 Correction for Sheer ..... + 2 3/8 1/2"  
7'-11 3/4 1/2"  
 Correction for Length ..... + 3 3/4"  
8'-3 1/2 1/4"  
 Allowance for Deck Erections ..... -8 8/8 1/4"  
7'-7 7/8"  
 Correction for Round of Beam..... ✓  
 Correction for fall in Sheer (if any)..... ✓  
 Correction for Steel Deck (if required) allowed in Mld. Depth reduced.  
 Additions for non-compliance with provisions of Para. 11 (d) and (e) † ✓  
 Other Corrections (if any) ..... 7'-7 7/8"  
 Winter Freeboard ..... 7'-7 7/8"  
 Summer Freeboard ..... -5"  
 Indian Summer Freeboard ..... -10"  
 N. A. Winter Freeboard ..... 6'-9 8/8"

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or steel deck with side. 1 1/2 3/4"  
 Winter Freeboard from deck line ..... 7'-8 8/8 3/4"  
 Summer " " " " ..... 7'-3 8/8 3/4"  
 Indian Summer " " " " ..... 6'-10 8/8 3/4"  
 N. A. Winter " " " " ..... 7'-3 1/2"

$\frac{0 \times 26}{1 \times 1000} = 6.4$  INCHES  
 12 AUG 1925

⊙ If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling should be reported if possible.  
 † In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.  
 § In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

‡ 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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Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes* Forecastle? *Yes*  
 To what height do the Reverse Frames extend? *All to Upper Deck; alternately to Forecastle Deck - Plain angle frame, every frame in Poop and in Bridge*  
 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 *2 openings 5'-2" x 2'-0" closed per Hinged Steel Doors*  
 Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *1 opening 5'-3" x 2'-3" closed by Hinged Steel Door*  
 What is the thickness of the Bridge Front plating? *.36* and Coaming plate? *.40* POOP FRONT PLATING *.40"* COAMING Plate *.44"*  
 Give scantlings and spacing of the Stiffeners *7 x 3 1/2 x 3 1/2 x 47 Channel spaced 30 inches apart*  
 Are bracket plates fitted at each end of the Stiffeners? *AT POOP FRONT 6 x 3 1/2 x 5 1/2 x 47 Channels with 18 BRACKETS EACH END OF STIFFENER spaced 30"*  
 Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? *outside only AND POOP*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *2 openings 5'-1" x 2'-2" closed by Hinged Wood Doors*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? *Side Houses only see sketches below*  
 Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Engine openings covered by Poop. Boiler openings exposed see sketches below*  
 If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *please see letter*  
 Give thickness of plating; scantlings and spacing of Stiffeners *plating .36" coaming plate .42" Stiffeners 4x3x44 angles spaced 30" apart, with rivets 5.9" x 3.5" x .43*  
 What is the height of the exposed Casings? *7'-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 Section 28 of the Rules for 1904-5? Give particulars below:—

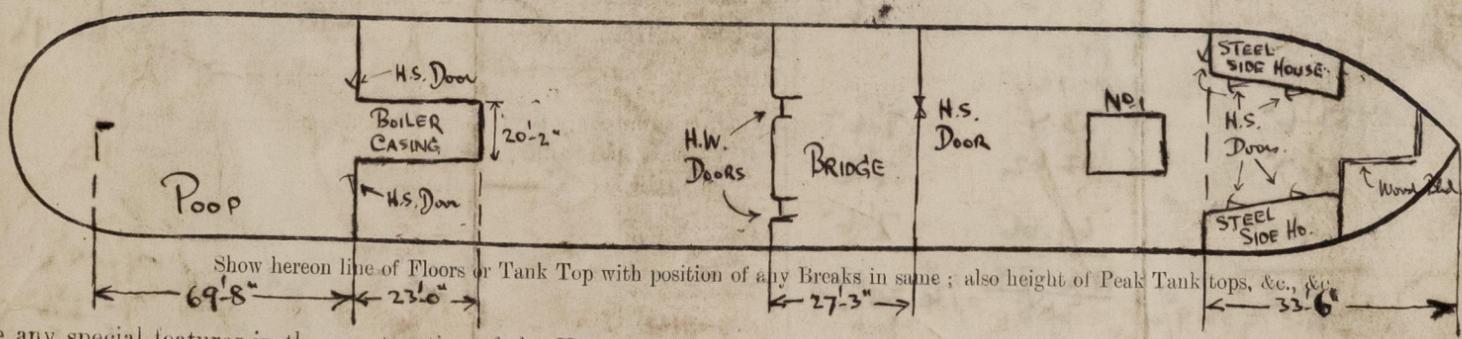
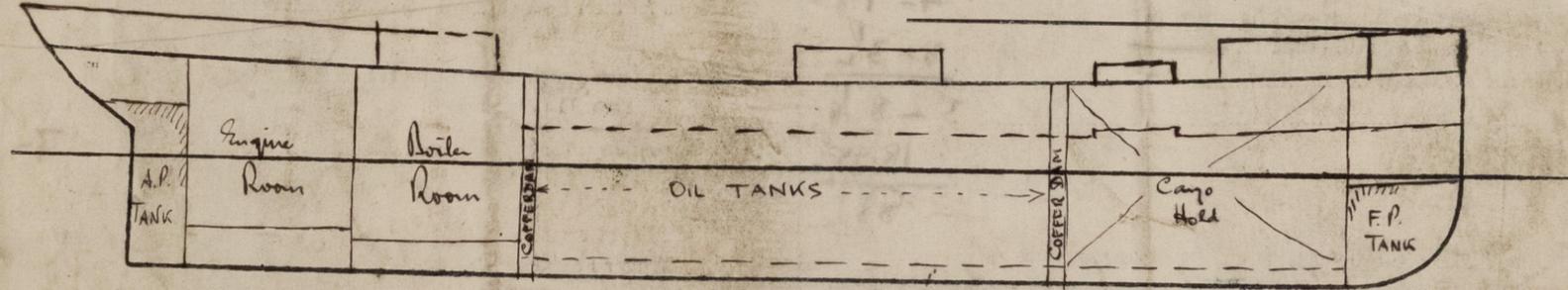
Position and Size.	In Poop Forecastle 2-11" x 2-11"		Toward No. 1 - 12-4" x 10'-0"		FORW. 6'-2 1/2" x 3'-9 1/2" - 2 ft		FORW. 4 Oil Tight Hinged		AFT. 6 ft. Hatchways		AFT. O.F. 16	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	12 ins.	32 ins side		20 ins		6" B.A. Comp.		18 1/2 ins		18 1/2 ins	
	Thickness	Sides .40 ins	36 ins Center		.40 ins		on deck & paved		.40 ins		.40 ins	
SHIFTING BEAMS OR WEB PLATES.	Number		One		NONE		NONE		None		None	
	Section and Scantlings		4 x 3 1/2 x 3 1/2 x 47 ANGLES									
	Material		2 3/4 x 3 1/2 SOLID STEEL									
* FORE AND AFTERS.	Number		3		NONE		NONE		None		None	
	Section and Scantlings		9 x 5 x 41									
	Material		By L. TEE Side 6 x 3 x 40 A.									
HATCHES	Thickness	2 1/4 ins SOLID pine	2 1/4" SOLID pine		2 1/2" SOLID pine		.44 ins COVER STEEL		.36 COVER STEEL			
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 deck at side amidships 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? *Yes* Strake between Main and Bridge Sheerstrakes? *FORECASTLE AND PARTLY IN POOP*  
 Delete the words that do not apply: The Crew are, ~~berthed~~, in the ~~bridge house~~. The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not satisfactory~~.  
*Language fitted between Forecastle & Bridge & between Bridge & Poop*

Length of Bulwarks in well  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *Freeing Ports* Sq. ft.  
 Ft. Tenths. Ft. Tenths. No.  
 Without Scuttles except 2 Port side fore Well & 1 Starboard fore well which have planks  
 Fore Well: 3.55 x 1.8 x 3  
 After Well: 3.55 x 1.8 x 5  
 Freeing Ports (each side of vessel) = *Freeing Ports* Sq. ft.  
 Total deficiency or excess = *Freeing Ports* Sq. ft.



State any special features in the construction of the Vessel

Builder's name and yard number

Names of sister vessels

Owners "PETROLEUM" SOCIETA' ANONIMA DI NAVIGAZIONE

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Recd 1300 LIT.

Received by me

