

26 APR 1926

Index No. 32035
(For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No. 18533

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

Port of Survey **GREENOCK**
Date of Survey **WHILST BUILDING**
Name of Surveyor **Kenneth Inglis**

Ship's Name. **S.S. "YASCO"**
Port of Registry and Nationality. **CADIZ SPANISH**
Official Number. **✓**
Gross Tonnage. **APPROX 1200**
Date of Build. **BUILDING 1926**
Particulars of Classification. **100.A.I. (CONTEMPLATED)**

Number in Register Book **✓**
Registered Dimensions from Register.
Length on Loadline. **219.0**
Breadth. **34.65**
Depth. **15.75**
Under Deck Tonnage. **988.18**

Moulded Depth as measured.....**17' 6"**

Addition for Keel below base line for draught record.....**1 1/2"** inches.

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

Corrected Dimensions.
Length. **219.0**
Breadth. **34.65**
Depth. **16.37**
Under Deck Tonnage. **988.18**

CORRECTION FOR LENGTH.
Length of Ship on Loadline.....**219' 0"**
Length in Table**210' 0"**
Difference**9' 0"**
Correction for 10ft., Table A.**1' 1"** Table C.
× Difference divided by 10**99'** (if required.)
If 1/10ths length covered divide by 2 **49'**
+ 1/2"

CORRECTION FOR IRON DECK.
Proportion covered, if less than 1/10ths length covered**6889**
Thickness of usual wood deck, less stringer**3"**
- 2 3/4"

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships.....**33' 6"**
Round of Beam**8 1/2"**
Normal round.....**8 1/2"**
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.....**79**
Any modification necessary [Para. 4 (a) to (e)]* **- .02 CELL. D. BOTTOM.**
Co-efficient as corrected**77**
Shear { Stem.....**75** } **106. ÷ 2 = 53** ... Mean
at { Sternpost ... **31** }
Shear at 1/3 of the length from { Stem **42 1/4** } **59 3/4 ÷ 2 = 29.87** ... Mean
{ Sternpost **17 1/2** } **÷ 55 = 54.32**
Gradual mean Shear**EFFECTIVE 54.4**
Standard mean Shear [Table, Para. 18]**31.90** Correction
Difference.....**21.876 ÷ 4 = 5.454**
§ If limited as Para. 18 (f)**- 5 1/2"**

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....**- 10 3/4"**
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)**2 - 8 1/4"**
Difference**1 - 9 1/2"**
Percentage as below.....**48.89**
Para. 12 Allowance. Bridge front openings fitted with Class A Closing Appliances. **10.5 -**
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Allowance for Deck Erections**- 10 1/2"**

Length. Length allowed. Height.
Forecastle, including wings. **27-7 1/2** **25.379** **7'-0"**
Bridge House including overhang. **63-2 1/2** **61.95** **7'-0"**
† Raised Qr. Dk. **63-2** **63.16** **3'-10"**
Poop.....
Total **150.4190 = 6889**
Length of Ship **219**

Corresponding percentage { **48.8%**
(Para. 12, 13, or 14)

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

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

Winter Freeboard**1 - 7 1/2"**
Summer Freeboard**2 1/4** **1 - 5 1/4"**
Indian Summer Freeboard**1 - 3**
N. A. Winter Freeboard**3** **1 - 10 1/2"**
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ steel deck with side. **1 1/2"**
Winter Freeboard from deck line**1 - 9"**
Summer " " "**1 - 6 1/2 3/4"**
Indian Summer " " "**1 - 4 1/2"**
N. A. Winter " " "**2 - 0"**
UPPER **1 - 6 1/2"**
4 1/2"
2
2 1/2"
5 1/2"

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. It measured relatively to water line the vessel's draft at time of survey, and also the normal load draft forward and aft should be reported.

MARKING FORM

22 SEP 1930

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11 MAY 1926

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frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside plating should be reported if possible.
† The height of the R.Q.D. is to be taken from the level of the top of the amidship beam.
In vessels having forecastles, it means the sheer measured at the stem and sternpost. In vessels having bridge houses, it means the sheer measured at points distant one-eighth of the vessel's length.

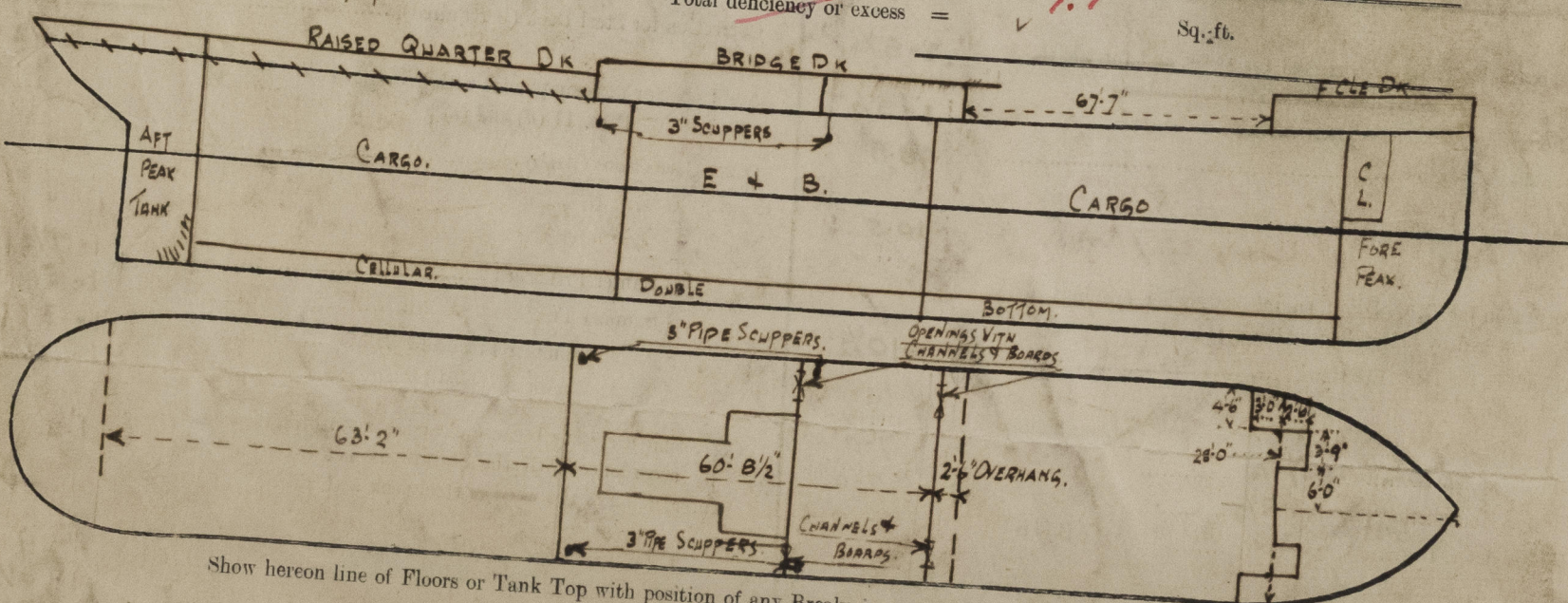
"Vasco."

Do all the Frames extend to the top height in the Poop? ☒
To what height do the Reverse Frames extend? **BULB ANGLE FRAMING**
Has the ~~Poop~~ Raised Quarter Deck an efficient Iron Bulkhead at the fore end? **YES**
Give particulars of the means for closing the openings in Bulkhead **NONE**
Is the ~~Poop~~ Raised Quarter Deck connected with the Bridge House? **YES**
Give particulars of the means for closing the openings in Bulkhead **SHIFTING BOARDS FULL HEIGHT FITTED IN CHANNELS RIVETED TO BULKHEAD**
What is the thickness of the Bridge Front plating? **.31** and Coaming plate? **.35**
Give scantlings and spacing of the Stiffeners **7x3x.36 B.A SPACED 28"**
Are bracket plates fitted at each end of the Stiffeners? **YES**
Has the Bridge House an efficient Iron Bulkhead at the after end? **YES**
How are the openings closed? **BULKHEAD INTACT.**
Is the Forecastle at least as high as the main or top-gallant rail? **YES**
Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? **COVERED BY BRIDGE**
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? ☒
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: ☒
Are suitable means provided for closing all openings in them in bad weather? ☒

Position and Size.	No. 1. 20'x17'	No. 2. 22'-6"x 22'-0"	No. 3. 15'-10 1/2"x 18'-0"	No. 4. 13'-11"x 18'-0"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.
Height above top of DECK	42	30	42	30	42
COAMING Thickness { Sides..... Ends.....	SIDES AND ENDS .44 THICK THROUGHOUT				30
SHIFTING BEAMS OR WEB PLATES { Number..... Section and Scantlings..... Material.....	4 PLATE 13x.35 ANGLES 4x3x.46	4 13x.35 4x3x.46	5 16x.36 4 1/2 x 3x.46	5 16x.36 4 1/2 x 3x.46	3 14x.34 4x3x.44
* FORE AND AFTERS { Number..... Section and Scantlings..... Material.....	NO FORE & AFTERS				
HATCHES Thickness	3" SOLID COVERS				
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? ☒
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, ~~not~~ satisfactory.
Strake between Main and Bridge Sheerstrakes?

Length of Bulwarks in well **67'-7" x 4'-0" HIGH.**
Area of Freeing Ports required by Para. 11 (e) each side of vessel = **12.4**
Ft. Tenths. Ft. Tenths. No. = **13.6** Sq. ft.
3.0 x 1.5 x 3
Freeing Ports (each side of vessel) = **13.5** Sq. ft.
OPEN RAILS ON RAISED QUARTER DK AFT.
Total deficiency or excess = **1.1** 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.
State any special features in the construction of the Vessel ☒
Builder's name and yard number **ROBERT DUNCAN & CO NO 373**
Names of sister vessels **S.S "CELTA"; R DUNCAN & CO NO 358; GRNK R PT NO 18170**
Owners **MIGUEL M DE PINILLOS.**
" Address **CADIZ SPAIN.**
Fee £ To BE RENDERED WITH FIRST ENTRY REPORT
Received by me