

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 Rouen
Date of Survey October 1929
Name of Surveyor Norman Kirkley

Ship's Name	Port of Registry and Nationality.	Official Number.	Gross Tonnage.	Date of Build.	Particulars of Classification.
M.V. MIRZA	Sigraavenhage Dutch	2	8003, 89	1929	+100 A.1 contemplated, carrying Petroleum in bulk, special notes longitudinal frames bottom & deck (Contemplated)
Number in Register Book					
Registered dimensions from Ship's Register.	LENGTH. 422' 3" TH	BREADTH. 65' 2" TH	DEPTH. 33' 0" TH	UNDER DECK TONNAGE. 7147, 96	Moulded Depth as measured..... 33'-0"
Length on LOADLINE.	422' 3" TH	Frame Depth 9 1/2' No Ceiling + 20' Rule " 1/2' Sheer + 73' 2 1/2' x 2 = - 42' No of framing + 33'	Peak } Incl'd Tanks } For D. B. 8 ft 10 ft Peak T 1400 Peak T + 103 Tons	Addition for Keel below base line for draught record.. 23/16 inches.	NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.
CORRECTED DIMENSIONS.	422.3	65.11	33.93	7250.96	CORRECTION FOR LENGTH. Length of Ship on Loadline..... 422.3 TH. Length in Table 396.0

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

Co-efficient of fineness..... *.48*
Any modification necessary } *Bottom Long's.*
[Para. 4 (a) to (e)]* }
Co-efficient as corrected *.49*

CORRECTION FOR LENGTH.		
Length of Ship on Loadline.....	422.3	TH.
Length in Table	396.0	
Difference	26.3	
Correction for 10ft., Table A.	1.6	Table C. . 8
× Difference divided by 10	4.20 (if required.)	2. 10
If $\frac{8}{10}$ ths length covered divide by 2	+ 4 $\frac{1}{4}$	+ 2

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ this length covered **437**
Thickness of usual wood deck, less stringer ~~$\frac{3}{2} = 3 - 0\frac{3}{4} = 2\frac{1}{4}$~~
1-53

CORRECTION FOR ROUND OF BEAM.

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

Rise in Sheer	{	At front of bridge house.....	1-0 ⁵ / ₈
from amidships			
[Para. 18 (e)]	{	At after end of forecastle	5-2 ¹ / ₈

Fall in Sheer	{		
Para. 18 (d)			
Length uncovered		none	Correction ✓

Breadth at Gunwale amidships.....	64 9 1/2	round of beam should be report- ed on the full breadth of vessel at the gunwale.
Round of Beam	15"	
Normal round.....	16.20	
Difference	1.20 ÷ 2 = .60	
Proportion of Deck uncovered (Para. 19)568 - .336 + 1/4"	
<hr/>		
Freeboard, Table A	8' - 11"	
Correction for Sheer	- 6 3/4"	
	8' - 4 1/4"	
Correction for Length	+ 14 1/4"	
	8' - 8 1/2"	
Allowance for Deck Erections	- 9 1/2"	
	7' - 11"	
Correction for Round of Beam.....	+ 1/4"	
	7' - 11 1/4"	
Correction for fall in Sheer (if any).....	-	
Correction for Iron Deck (if required)	- 14 1/2"	
	7' - 9 3/4"	
Additions for non-compliance with provisions of {	✓	
Para. 11 (d) and (e) †		
Other Corrections (if any)	-	

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C.....	5" 8 1/4
Correction for Length, if required (Para. 12, 13 , and 14)	<u>+ 2</u>
	5" 10 1/4
Freeboard by Table A. corrected for sheer, and for length, } if required (Para. 12, 13 , and 14) }	8" 8 1/2
Difference	2" 10 1/4
Percentage as below.....	<u>27.59%</u>
	9.45

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)

Allowance for Deck Erections

Winter Freeboard	7. 9 3/4
Summer Freeboard	6. 3 3/4
Indian Summer Freeboard	6. 9 3/4
N. A. Winter Freeboard	✓

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron ^{shell} deck with side.

Winter Freeboard from deck line	2 - 11/2
Summer " " " "	4 - 5 1/2
Indian Summer " " "	6 - 11 1/2
N. A. Winter " " " "	—

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, ~~Wood~~ (Iron) Deck :—

Fresh Water Line	above	centre of Disc
Indian Summer Line	"	" "
Winter Line	below	" "
Winter-North-Atlantic Line	"	" "

Q 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.

10 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 panel load draft forward and aft, should be reported.

Do all the Frames extend to the top height in the Poop? yes Raised Quarter Deck? yes Bridge House? no Forecastle? yes

To what height do the Reverse Frames extend? But 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 Two openings in Bulkhead closed with W.T. doors and wing nuts

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 closed with W.T. doors, fastened with wing nuts

What is the thickness of the Bridge Front plating? 10" / 7" 3/4" and Coaming plate? 11" / 7" 4/8"

Give scantlings and spacing of the Stiffeners 250 x 90 x 13" / 7" spacing 760" / 7"

Are bracket plates fitted at each end of the Stiffeners? yes Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? yes

Has the Bridge House an efficient Iron Bulkhead at the after end? yes

How are the openings closed? two closed with W.T. doors and two Tonnage opening, with bolted plates

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? yes

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? yes, by strong steel Deckhouse above

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? yes

Give thickness of plating; scantlings and spacing of Stiffeners Plating 10" / 7" Stiffeners 240 x 90 x 11.5 (600 apart) 180 x 90 x 13" / 7" (760 apart)

What is the height of the exposed Casings? 6' 4 3/8" Are suitable means provided for closing all openings in them in bad weather? W.T. doors & hatch

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:— yes gastight hatches

Position and Size.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
Item.										
COAMING. Height above top of DECK										
Thickness Sides										
Ends										
SHUTTING BEAMS OR WEB PLATES. Number										
Section and Scantlings										
Material										
* FORE AND AFTERS. Number										
Section and Scantlings										
Material										
HATCHES Thickness										
Remarks										

21 cargo tanks
size 2' 140 x 1' 220
coaming 2' 250 x 90 x 12
gastight hatches

* 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.) no

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? Strake between Main and Bridge Sheerstrakes?

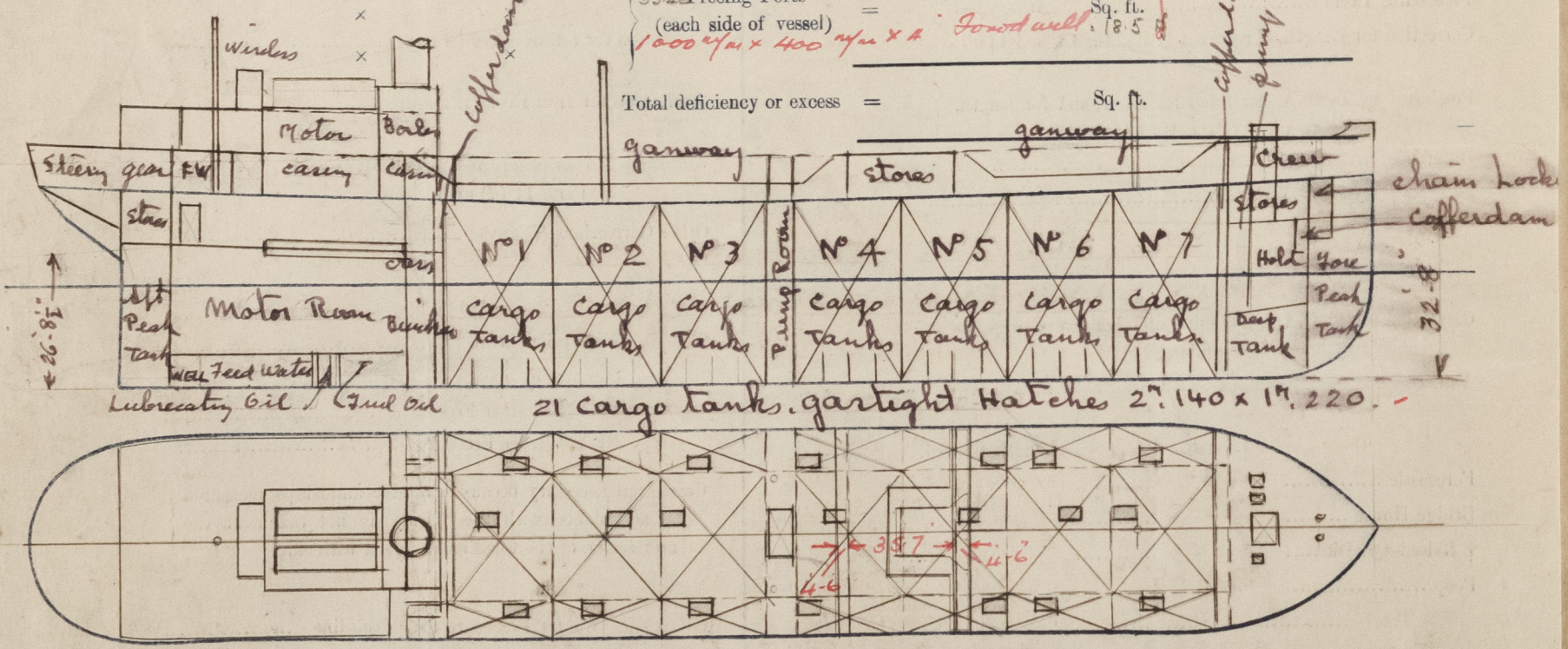
Delete the words } The Crew are, are not, berthed in the bridge house.
that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in wells 234' = 48.5'

Area of Freeing Ports required by Para. 11 (e) each side of vessel 15.74' =

Ft. Tenths. Ft. Tenths. No. 1000 sq. ft. x 400 sq. ft. x 3 After well 12.7'
850 sq. ft. x 400 sq. ft. x 1 Forward well 8.5'
(each side of vessel) = 33.4' freeing ports
1000 sq. ft. x 400 sq. ft. x 4 Forward well 18.5'

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.

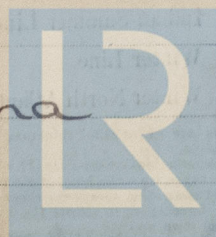
State any special features in the construction of the Vessel longitudinal framing at bottom and deck

Owners Petroleum Maatschappij La Corona

Address The Hague

Fee £

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