

GOVERNMENT
WRITTENIndex No. 33328
(For London Office only.)

3 SEP 1930

Lloyd's Register of Shipping
SURVEYS FOR FREEBOARD, STEAM SHIPS.ARTICULARS 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 *Copenhagen*
Date of Survey *While building*
Name of Surveyor *J. Buchanan*Ship's Name.
M/AASE MÆRSK
Number in Register BookPort of Registry
and Nationality.
DANISHOfficial
Number.Gross
Tonnage.Date of Build.
1930Particulars of Classification.
100 A1 CARRYING PETROLEUM IN BULK.
(CONTEMPLATED)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	407.1	54.7	30.4	5505.04
Length on LOADLINE.	406.6	Frame Depth 98 Rule " 6 1/2 x 2 = - .36 No of framing + .33	Ceiling <i>Nil</i> + .20 Sheer + .60 Total of bottom frames 32.46	Peak } Incl'd Tanks } For floors forward + 15 Tons For D. B aft + 90 Tons
CORRECTED DIMENSIONS.	406.6	54.47	33.26	5610.04

Moulded Depth as measured.....

32.3 3/8

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

1/8

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

32 - 3
1 - 1 1/2
33 - 4 1/2
0 - 1
32 5 1/2

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....

406.6

Length in Table

384.0

Difference

19.6

Correction for 10ft., Table A.

1.6

Table C.

.8

Difference divided by 10

3.14

(if required.)

1.57

If 1/10ths length covered divide by 2

+ 3 1/4

+ 1 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered

.605

Thickness of usual wood deck, less stringer

3 1/4

- 2.02

- 2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....

54-6

Round of Beam

13 1/2

Normal round.....

13 5/8

Difference

1/8

÷ 2 =

1/16

Proportion of Deck uncovered (Para. 19)

NIL

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

Co-efficient of fineness.....

.764

Any modification necessary

Bottom transverse frames

[Para. 4 (a) to (e)]*

Co-efficient as corrected

.78

Sheer { Stem..... 96 3/4
at { Sternpost .. 48 } 144 3/4 ÷ 2 = 72 3/4 ... Mean36/21.61
60Sheer at 1/3 of the length from { Stem 52 3/4
Sternpost 26 3/4 } 79 1/2 ÷ 2 = 39 3/4 ... Mean

Gradual mean Sheer

72.27 ÷ 55 = 72.27

Standard mean Sheer [Table, Para. 18]

50.66

Correction

Difference.....

21.61

÷ 4 =

5.4

§ If limited as Para. 18 (f)

- 5 1/2"

Rise in Sheer { At front of bridge house.....
from amidships { At after end of forecastleFall in Sheer {
Para. 18 (d) } ÷ 2 =

Length uncovered

Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C.....

5 - 1 1/4

Correction for Length, if required (Para. 12, 13, and 14)

+ 1 1/2

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 11, 12, 13, and 14)

8 - 4 1/2

Difference

2 10 3/4

Percentage as below.....

34.72%

12.07

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

Allowance for Deck Erections

- 12"

	Length.	Length allowed.	Height.
Forecastle.....	27.04	37.02	7.6
TRUNK FORWARD 94.15 x 4.65 x 8	36.10	13.79	7.6
Bridge House	36.10	36.91	7.6
TRUNK AFT 142.87 x 9.17 x 4.65 x 8	142.87	28.49	4.11
Raised Q. Dk.	95.97	95.78	7.8
Poop.....	95.97	95.78	7.8
Total		216.99	53.4
Length of Ship		406.6	

Corresponding percentage {
(Para. 11, 12, 13, and 14) } 34.72%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

Winter North Atlantic Line

Winter Freeboard

Summer Freeboard

Indian Summer Freeboard

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 steel deck with side.

Winter Freeboard from deck line

Summer " " " "

Indian Summer " " " "

N.A. Winter " " " "

* 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 sternpost.

+ 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.

MARKING FORM

RECEIVED 29 SEP 1930

Do all the Frames extend to the top height in the Poop?

Yes

Raised Quarter Deck?

none

Bridge House?

Yes

Forecastle?

Yes

To what height do the Reverse Frames extend?

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

no opening

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

One W.T. door

What is the thickness of the Bridge Front plating?

40

and Coaming plate?

44

Give scantlings and spacing of the Stiffeners

9" x 3 1/2" x 50 L

30"

Are bracket plates fitted at each end of the Stiffeners?

5 x 5 lugs

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?

Storm boards full Right in riveted channels

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

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 suitable means provided for closing all openings in them in bad weather?

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

Position and Size.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	24									
Thickness										
Sides	44									
Ends	44									
SHIFTING BEAMS OR WEB PLATES										
Number	2									
Section and Scantlings	7 1/2 x 3 x 44 double									
Material	Steel									
* FORE AND AFTERS										
Number										
Section and Scantlings										
Material										
HATCHES Thickness	2 1/2									
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?

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

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

Sq. ft.

Ft. Tenths. Ft. Tenths. No.

F. 2.0 x 2.4 x 5

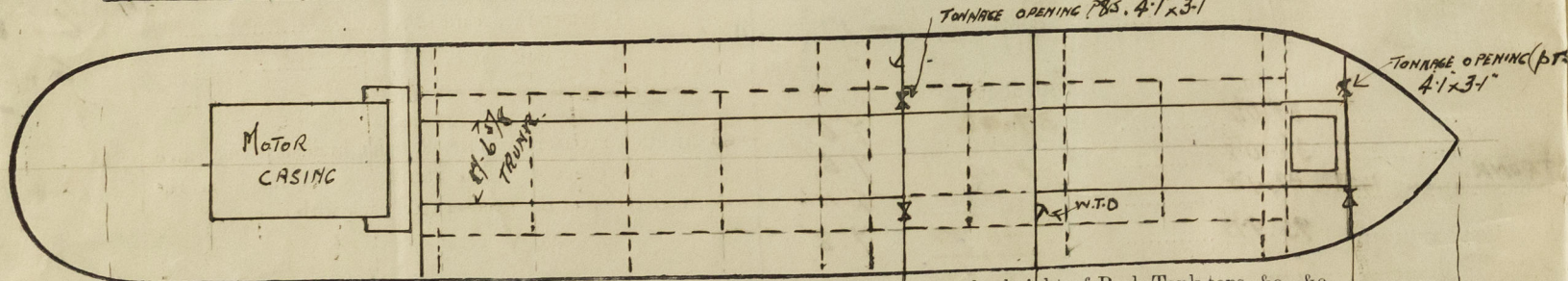
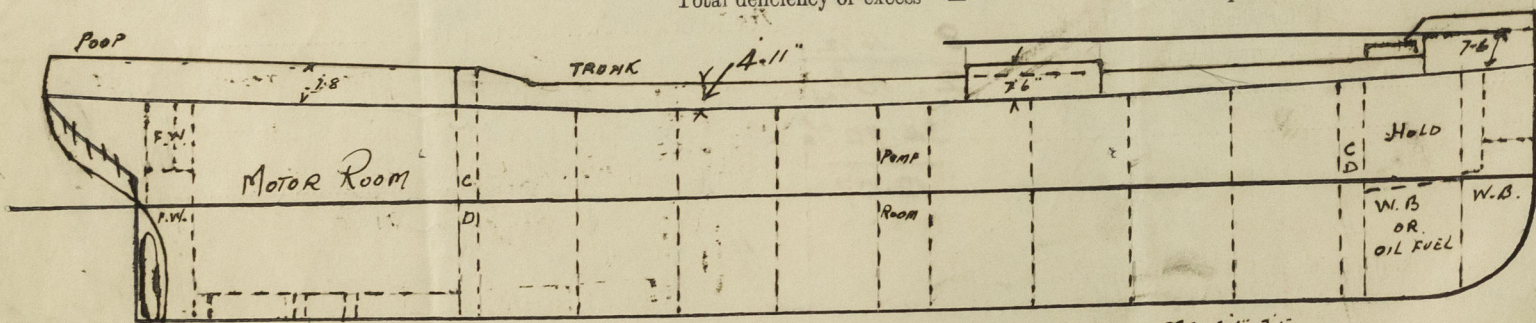
A 2.0 x 1.9 x 5

Freeing Ports (each side of vessel) = 24.0

Sq. ft.

Sq. ft.

Total deficiency or excess =



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

Motor tanks, transverse framing, 2 long & 2 B.A.s.

Builder's name and yard number Odense Staalskeelsvaerft No 41.

Names of sister vessels No 43. to follow.

Owners A. P. Møller

Address Copenhagen, Denmark.

Fee £ : Received by me



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