

STEEL ~~STEAMER~~ OF MOTORSHIP.

Received at London Office 11 OCT 1934

State if Report has been sent on the Freeboard of the Vessel *No.*State if Report is sent on the Machinery of the Vessel *Yes.*

Date of completion of report

6th October 1934.

Port of

Copenhagen.

No. 9449.

Survey held at

Copenhagen.

Date First Survey

12th September 1933.

Last Survey

27th September

1934.

On the

(State if Machinery fitted Aft and
if Single, Twin or Triple Screw)

Single screw Motorship "HØEGH MERCHANT".

State Type

(Full Scantling, Complete Superstructure
with or without Tonnage Openings)

Complete Superstructure with tonnage opening aft.

State Type of Erections

Forecastle + poop.

TONNAGE under
Tonnage Deck

4362.06

CLASS

* 100 A.1.

State if with freeboard
as condition of Class

Yes.

Built at

Copenhagen.

Do. of space or spaces
between Tonnage Deck
and Upper Deck.Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a)

L 385.0

Launched

1st August 1934.

Yard No. 582.

Total

Breadth (greatest moulded)

B 54.0

Builders

Messrs A/S Bruun + Wain

Gross Tonnage

4857.75

Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)

D 36.75

Owners

Partrederi ved Leif Høegh.

Register Tonnage

2920.62

1st Longitudinal Number (L x D)

= 13956

Managers

Mr. Leif Høegh.

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D)

= 34746

Residence

Oslo.

REGISTERED DIMENSIONS.

FEET.

Length

387.9

Breadth

54.2

Depth

26.0

Framing Depth "d," at middle of length. See
Sec. 3 (1d)

24.1

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

10.48

Port of Registry

Oslo.

If surveyed while building, afloat, and in dry dock

Breadth Moulded

28.25

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
AMES, Spacing amidships	30	✓	Bracket Floors, Frame	250 90 11	✓
" " from $\frac{3}{8}$ length to Collision bulkhead	27	✓	" " Reversed Frame	230 90 11	✓
" " in peaks	24	✓	" " Vertical Struts	230 90 11	✓
DE FRAMING.			Centre Girder, depth and thickness amidships	42 x 54	✓
Frame Amidships, Angle, E or F	<i>m</i> 300 90 15.5	✓	" " top Angles	<i>Double</i> 32 32 52	✓
" " Extends up to	<i>Upper dk.</i> 12 32 56	✓	" " bottom Angles	<i>Single</i> 6 6 58	✓
Reversed Frame Amidships, Angle	<i>Z</i>	✓	Side Girders, No. each side and thickness	<i>Double</i> 6 6 40	✓
" " Extends up to	<i>Z</i>	✓	Margin Plate depth (excl. of flange) and thickness	38 x 52	✓
Depth of Framing Girder	<i>m</i> 300 and 12"	✓	" " Vertical Angle to Tank side	32 32 42	✓
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	<i>Frames cut</i>	✓	" " Bracket abaft $\frac{1}{2}$ len. from stem	<i>Double</i> 32 32 42	✓
" " Second 'tween Decks, Angle, E or F	<i>down to 7 1/2"</i>	✓	" " Vertical Angle to Tank side	32 32 42	✓
" " Third " " "	<i>in 'tween' dks.</i>	✓	" " Bracket forward $\frac{1}{2}$ len. from stem	<i>Double</i> 32 32 42	✓
Framing in Peaks, Angle, E or F	<i>as approved.</i>	✓	" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<i>Continuous</i>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	8 3 36	✓	" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	<i>gusset p. + A.</i>	✓
State if Frame Joggled	<i>Yes.</i>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	7' 32" x 48	✓
FRAMING ARRANGEMENTS (See Sec. 3, State system and particulars)	<i>Web frames - 3 off</i>	✓	INNER BOTTOM PLATING.		
Web frames and side stringers	<i>37" x 52</i>	✓	Breadth and thickness of Middle Line Strake	52 x 50	✓
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	<i>6 1/2 x 3 1/2 x 60"</i>	✓	Thickness of remainder in Holds	42 - 50 <i>Minimum</i>	✓
ANGLE BOTTOM.	<i>5 off</i>	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	<i>Yes</i>	✓
Floors, Depth and thickness at midline in Holds	<i>3 at 37 x 34</i>	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	<i>2 at 6 x 3 x 40"</i>	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	9 32 40	✓
Middle Line Keelson, on Floors, Angles, E or F	<i>A strake 64 to Collision</i>	✓	" " in way of Bridge, Angle, E or F	✓	✓
" " Through Plate or Intercostal Plate	<i>5' 63"</i>	✓	Spacing	30	✓
" " Foundation Plate on Floors	<i>2 full ht. intenc.</i>	✓	Second Deck, amidships, Angle, E or F	11 32 46	✓
" " Flat Plate Keel Angles	<i>4 half ht.</i>	✓	Spacing	30	✓
Side Keelsons, No. each side	<i>Z</i>	✓	Third Deck, amidships, Angle, E or F	<i>Z</i>	✓
" " thickness of Intercostal Plate	<i>Z</i>	✓	Spacing	<i>Z</i>	✓
" " Angles	<i>Z</i>	✓	Fourth Deck, amidships, Angle, E or F	<i>Z</i>	✓
DOUBLE BOTTOM.			Spacing	<i>Z</i>	✓
Solid Floors, thickness and spacing	<i>10 every 3rd</i>	✓	Poop Deck, Angle, E or F	8 x 3 x 36	✓
" " Are Frame and Reversed Frame joggled?	<i>as approved.</i>	✓	Spacing	6 x 3 x 30	✓
Bracket Floors, breadth and thickness at middle line	<i>Frames only.</i>	✓	Bridge Deck, Angle, E or F	30 and 24	✓
" " breadth and thickness at margin plate	<i>3' 9" x 40</i>	✓	Spacing	<i>Z</i>	✓
	<i>3' 8" at T. Top</i>	✓	Forecastle Deck, Angle, E or F	9 x 32 x 38	✓
	<i>x 40</i>	✓	Spacing	6 x 3 x 38	✓

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows..... One.. ✓			Stringer Plate, breadth and thickness in way of Bridge	✓	
" in 'tween Decks, Size and Spacing.....	7½" dia. x 31. 6x36 ✓ to 11" dia. x 50 tube 8x40 ✓		Thickness of Plating abreast Deck openings in way of Wells	36 ✓	
" " " " "			Thickness of Plating abreast Deck openings in way of Bridge	✓	
" in Holds " "	✓		Thickness of Plating within line of openings...	34 ✓	
" " " " "	✓		If Sheathed, material and thickness	None.	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing..... 5	10 32 .44. spaced w. 2nd	✓	Stringer Plate, breadth and thickness.....	Z	
Plating, thickness of	30	✓	If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	Z	
Stringer Plate, breadth and thickness in Wells	78 x 49. ✓	✓	If Plated, state thickness		
" " " " in way of Bridge	✓		Poop Deck.		
" Angle in Wells	5 x 5 x .52 ✓	✓	Stringer Plate, breadth and thickness	37 x 35	
Thickness of Plating abreast Deck openings in way of Wells43 ✓	✓	Plating, Sheathing, material and thickness ...	30 unsheathed .26 sheathed 5 x 2½" Oregon pine	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	37 ✓	✓	Stringer Plate, breadth and thickness.....	Z	
If Sheathed, material and thickness	None.	✓	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	82 x 37 ✓	✓	Stringer Plate, breadth and thickness.....	35 x 34 ✓	
			Plating, Sheathing, material and thickness ...	30. None ✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
FLAT PLATE KEEL	51	76	72	69	✓	Double	1	3 ³ / ₄	4	1	3 ⁷ / ₈	Lapped
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes 3	A=82 ¹ / ₂ B=75 C=75	64 57 57	64 63 63	48 48 48	/	Double	7/8	3 ³ / ₈	3	7/8	3 ¹ / ₈	Lapped
BILGE PLATING, No. of Strakes 2	D=75 E=67	57 57	48 48	48 48	/	"	"	"	9	"	"	"
SIDE PLATING, No. of Strakes 4	F=81 G=76 H=76 I=80	57 57 57 64	46 46 46 46	46 46 46 46	/	"	"	"	3	"	"	"
UPPER DECK, Sheer- strake in Wells.....	50	64	46	46	I=57	Double	7/8	3 ³ / ₈	4	7/8	3 ¹ / ₂	"
UPPER DECK, Sheer- strake in Bridge ...	✓	✓				✓	✓	✓	✓	✓	✓	✓
STRAKE BELOW Sheer- strake in Wells.....	51 ¹ / ₂	62	46	46	✓	Double	7/8	3 ³ / ₈	4	7/8	3 ¹ / ₂	Lapped
STRAKE BELOW Sheer- strake in Bridge ...	✓	✓				✓	✓	✓	✓	✓	✓	✓
POOP SIDE PLATING				38		Single	3/4	2 ³ / ₄	2	3/4	2 ⁵ / ₈	Lapped
BRIDGE SIDE PLATING ...	✓	✓				✓	✓	✓	✓	✓	✓	✓
FOREC'TLE SIDE PLATING			41			Single	3/4	2 ³ / ₄	2	3/4	2 ⁵ / ₈	Lapped.

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)	1					
" Deck next below	6					
As per Rule	6					

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D , Upper tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds (Bhd. 60)		38-26	280×90×14	5	30
COLLISION " (in Hold)		52-29	280×90×25	5	24
AFTER PEAK " "		50-39	230×90×11	5	24

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓			
STEM	Forging 24 1/2 × 63	13 1/2 × 10 1/4	Burnmeister & Co.	as Messrs. Behne & Co. approved. Vereen
STERN FRAME { Propeller Post	Casting 6	13 1/2 × 10 1/4		
{ Rudder "	"	13 1/2 × 10 1/4		
RUDDER—A × D	404 × 6			
Speed of Vessel	12 1/2 knots			
RUDDER mainpiece at head	Forging 7 1/2" dia		Messrs. Kohlswa	
" " heel	" 10 1/4"		Jencks & Co.	
" how constructed				4 axes shunk on keel to mainpiece.
" double or single plate				single.
" coupling, vertical or horizontal				Vertical

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture).
	Plates:— Appleby Iron Co. Ltd. South Durham Steel Iron Co. Ltd. Sections:— Dorman, Long & Co. Ltd. Skinningrove Iron Works. Yarmouth Iron Steel Co. Ltd. Verminette Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No 35708												LETTER "Z"				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.							
1723	1st Bower ...	61	1	4	Stockless			H9	3	3	0	61	Union	Dortmund	Dusseldorf	28-4-32 H. Hauss			
1724	2nd " ...	61	0	26	"			H9	0	2	14	61	"	"	"	"			
1520	3rd " ...	60	3	7	"			H8	17	2	0	60	"	Dortmund	"	28-7-30 "			
	Collective weight.	183	1	9								182							
1523	Stream	16	1	8	H 2 8			17	14	0	7	217 1/8	1 1/2 Stock	"	"	Dusseldorf 28-7-30 H. Hauss			
		17	1	6															
CHAIN CABLES.												HAWSERS AND WARPS.							

CHAIN CABLES.										HAWSEERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu-ory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
1004	270-3'	2 1/4"	9 1/8	127 5/8	734-3-14	682 1/4		270	2 3/8	Stud link	Hausa Kettenfabrik of Dortmund	Dortmund 8-1-34 Jul. Quast.	TOWLINE...	120	5 1/2		120	5	
													HAWSEERS & WARPS	40120	8"	manilla	2090	8"	
													"	2090	8"	"	2090	7"	
													"	4090	3"	SW.R.			
													"	4090	2 1/2	"			
Iron Stream Chain and Steel Wire	90	4 1/2"		59.94	(approved as per ltr M. dated 5-2-34)			90	4 3/4"										

Steering Gear, Steam Electric Hydraulic - Brown Bros. Steering Gear, Hand Brown Bros.
Boats 4 lifeboats 22'-0" x 6'-0" x 3'-3" Steering Chains, Size and Test Electric gear - Brown Bros. Windlass Electric - Luuom-Walken
2 Dinghys 16'-0" x 5'-6" x 2'-3" Cargo Battens, thickness, material and spacing 6"x2" w.p. of 9"
Ceiling in Holds, thickness and material 2 1/2" w.p. in 2" battens
Cargo Hatchways, (Upper Deck) 2'-9" x 4 1/4" Steel coamings Thickness of Hatches 2 1/2" w.p.
Size of No. 1 Hatchway (Forward) 27'-0" x 18'-0" No. 2 37'-6" x 18'-0" No. 3 35'-0" x 18'-0" No. 4 30'-0" x 18'-0" No. 5 30'-0" x 18'-0" No. 6 ✓
Number of Shifting Beams and/or Fore and Afters No. 1 hatch - 5 webs 15" x 35" No. 2 hatch - 7 webs 12" x 30" No. 3 hatch - 6 webs 12" x 32"
No. 4 hatch - 5 webs 12" x 32" No. 5 hatch - 5 webs 12" x 32"

AKTIESELSKABET
BURMEISTER & WAINSKIN- OG SKIBSBYGBERI
Builder's Signature *[Signature]*

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel Yes. (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Yes. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.
(Deep tank forward of motor room). This vessel has been built in

accordance with the approved plans, the Secretary's letters and as required by the Society's Rules for the class contemplated.
The workmanship is good and to my satisfaction.
All double bottom and peak tanks, deep tank immediately forward of motor room, decks, watertight bulkheads, tunnel & gutterways have been tested as required by the Rules and found satisfactory.
This vessel is fitted to carry fuel oil in the double bottom tanks and aft peak tank and vegetable oil in the deep tank immediately forward of the motor room. Flash point of oil to be above 150°F. and the requirements of Section 20 of the Rules complied with where applicable.

The amount of Entry Fee Kr. 179.20 : Fees applied for, 10.10 19.34
Special Survey Fee.... Kr. 7120.96 : Received by me, 3.12 19.34
Travelling Expenses, if any Kr. 2.30 :
State whether the Vessel has been built under Special Survey Yes. I am of opinion the Vessel should be Classed + 100 A.I.
Signature *[Signature]* with freeboard.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute **FRI. 26 OCT 1934**
Character assigned + 100 A.I. With freeboard
Carrying Cargo oil J.P. abas 150°F. in D.T.
Lloyd's arch. + Limb 9.34 oil Eng. Cl.
DB. 90%
[Signatures]

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The following approved plans are forwarded herewith:—

Midship section
Profile and Decks. } and as built.

Stempost and rudder.

Alternative cast steel rudder frame.

Motor seatings.

Aft peak tank.

Cruiser stem.

Pipe tunnel through Deep tank.

Stream anchor.

The following certificates are forwarded herewith:—

Stem.

Stem frame.

Rudder frame.

Rudder head.

Interim certificate.

Particulars of Drop Test of Cast Steel Anchors, viz.: Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Anchor head. 39-2-12 K.H. 10304 4-4-32	Anchor shank 21-2-20 K.H. 1306 4-4-32
	2nd "	" " 39-3-20 K.H. 10305 4-4-32	" " 21-1-6 K.H. 1305 4-4-32
	3rd "	" " 39-1-23 K.H. 10242 21-7-30	" " 21-1-12 M.B. 948 7-7-30
		Stock anchor 16-1-8 M.B. 4186 7-7-30.	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30.75 ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 34.0 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 DK.(STL) & SHELTER DK.(STL).

Official No. : Signal Letters L.I.W.C. Is bottom of Vessel coated with cement ☒ if not give particulars of composition fore peak cemented.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. OIL TONS. WATER TONS.	Where Fitted.	*Length. Feet.	Water Capacity. OIL TONS. WATER TONS.
Double bottom, aft,	120.0	368. 398	Fore peak tank,	20.5	133.
Double bottom, under Engines and Boilers,	✓		After peak tank,	20.75	175. 190
Double bottom, if under Engines only,	32.5	94. 102	Deep tank, aft,		
Double bottom, if under Boilers only,	✓		Deep tank, forward, (immediately forward of Motor room)	27.5	995-1079.
Double bottom, forward,	184.0	696. 756	Other tanks, if fitted,		
		Total capacity of double bottom 1158 1256	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 59.

Date 8th November 1933.

Dates of Surveys held while building

1933:- 12/9; 2/10; 18/10; 21/10; 24/10; 16/11; 30/11; 5/12; 7/12; 13/12; 14/12; 18/12; 28/12.
1934:- 17/1; 19/1; 22/1; 27/1; 2/2; 8/2; 9/2; 12/2; 17/2; 19/2; 26/2; 1/3; 3/3; 5/3; 7/3; 8/3;
9/3; 13/3; 15/3; 22/3; 24/3; 16/4; 19/4; 20/4; 23/4; 7/5; 9/5; 11/5; 14/5; 15/5; 23/5;
25/5; 30/5; 1/6; 4/6; 6/6; 11/6; 14/6; 21/6; 13/7; 16/7; 19/7; 20/7; 30/7; 1/8; 2/8; 9/8;
10/8; 16/8; 17/8; 20/8; 25/8; 27/8; 28/8; 3/9; 5/9; 6/9; 10/9; 14/9; 13/9
14/9; 20/9; 21/9; 25/9; 27/9.

Total No. of Visits 78.