

State if Report is sent on the Machinery of the Vessel.....Yes.

No. 7353.

Date First Survey 12th August 1925 Last Survey 5th October 1926

State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening) *Complete Superstructure without Tonnage Opening* State Type of Erections *Forecastle*

CLASS  100 A.I.

State if with freeboard } Yes.
as condition of Class }

Built at.....Uakskov.

Length from fore part of stem to after part of stern } L 380'-0"
post on summer L.W.L. See Sec. 3 (1a) }

Launched 29th July 1926 Yard No. 28

Total

Breadth (*greatest moulded*) B 53'-3"

Builders A/S Habskov Skibsværft.

Gross Tonnage 5904.85

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'-0"

Owners A/S. D/S. Orient

Register Tonnage 3636-68

1st Longitudinal Number (L x D).....= 13680

Managers

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

REGISTERED DIMENSIONS.

Length 379.8

Framing Depth "d," at middle of length. See } 24-58
Sec. 3 (1d)

Breadth 53.3

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 10-55

Depth 33.4

Draught Moulded 26'-6"

Residence

Port of Registry Copenhagen

~~If~~ Surveyed while building, afloat, ^{and} ~~in~~ in dry dock.

yes

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.	
FRAMES, Spacing amidships		30				Bracket Floors, Frame		9 1/2	3 1/2	49	
" " from 1/2 length to Collision bulkhead		27				" " Reversed Frame		9	3 1/2	49	
" " in peaks		24				" " Vertical Struts		9	3 1/2	49	
SIDE FRAMING.											
Frame Amidships, Angle [		12	3 1/2	66		Centre Girder, depth and thickness amidships		42	54		
" " Extends up to Upper Deck on alternate frames.						" " top Angles double		3 1/2	3 1/2	52	
Reversed Frame Amidships, Angle		5	3	38		" " bottom Angles double		4	4	58	
" " Extends up to Second Deck on every 3rd frame.						Side Girders, No. each side and thickness		One	40		
Depth of Framing Girder		12				Margin Plate depth (excl. of flange) and thickness		40	52		
Frames in Uppermost Continuous 'tween Decks, Angle, [		9	3 1/2	66		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem		3 1/2	3 1/2	42	
" " Second 'tween Decks, Angle, [or [						" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem		5	5	42	
" " Third " " " "						" " Gussets, spacing and scantling abaft 1/2 len. from stem		3 1/2	3 1/2	42	
Framing in Peaks, Angle [		7 1/2	3 1/2	36		" " Gussets, spacing and scantling forward 1/2 len. from stem		on every frame			
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		7/8"		5 1/4"		Tank Side Brackets, height above base line at toe of Frame and thickness		8 1/2	45		
State if Frame Joggled		Yes.				INNER BOTTOM PLATING.					
PANTING ARRANGEMENTS (Sec. 7), state Web frame 42" x 54" stringer 42" x 40 face angle 40 3/4 x 54 double face angle 40 3/4 x 54 single						Breadth and thickness of Middle Line Strake		52	50		
STRENGTHENING OF BOTTOM FOR WARD. State Particulars A, B, & C. 57 1/2 boll. 2nd. 58 at 24" spacing. C.G. 6. 3rd. frames margin from 35 L. to Collu. 3rd.						Thickness of remainder in Holds		42			
SINGLE BOTTOM. Floors, Depth and thickness at mid-line in Holds						Are Rule requirements complied with regarding increases of scantlings in way of double bottom in motor space and framing in Bunkers and Boiler Room?		Yes.			
Height of Brackets at side above base line at toe of frame						BEAMS.					
Middle Line Keelson, on Floors, Angles, [or [						Uppermost Continuous Deck, amidships in Wells, Angle [		9 1/2	3 1/2	44	
" " Through Plate or Intercoastal Plate						Reversed angle on every 3rd in way of Bridge, Angle, abaft 1/8 L. fwd. [or [		5	3	38	
" " Foundation Plate on Floors						Spacing		30			
" " Flat Plate Keel Angles						Second Deck, amidships, Angle [		11	3 1/2	51	
Side Keelsons, No. each side						Spacing		30			
" " thickness of Intercoastal Plate						Third Deck, amidships, Angle, [or [
" " Angles						Spacing					
DOUBLE BOTTOM.						Fourth Deck, amidships, Angle, [or [
Solid Floors, thickness and spacing every 2nd in Holds 40 On every frame in motor space and fwd. of 3/5 L.						Spacing					
" " Are Frame and Reversed Frame joggled?		Yes.				Poop Deck, Angle, [or [
Bracket Floors, breadth and thickness at middle line		39	40			Spacing					
" " breadth and thickness at margin plate		32	40			Bridge Deck, Angle, [or [
						Spacing					
						Forecastle Deck, Angle, [at 27" sp.		9	3 1/2	44	
						Spacing		2 1/2"	7 1/2	3 1/2	38

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....		
" in 'tween Decks, Size and Spacing.....	One row 2 3/8"	
" " " " " every 2nd,		
" in Holds " " and as		
" " " " " approved plan		
Centre Line Bulkhead. from fore. C 12 x 4 x 4 x 60,		
every Stiffeners and Spacing. E 12 x 3 1/2 x 60, E 11 1/2 x 3 1/2 x 58,		
2nd C 11 x 3 1/2 x 56, E 8 x 3 x 44, C 11 x 3 1/2 x 56, E 9 x 3 1/2 x 48		
Plating, thickness of :30..... Double at hatch ends		
STRINGERS AND DECKS.		
Uppermost Continuous Deck.		
Stringer Plate, breadth and thickness in Wells	66 49	
" " " " in way of Bridge		
" Angle in Wells	5 5 53	
Thickness of Plating abreast Deck openings in way of Wells	40	
Thickness of Plating abreast Deck openings in way of Bridge		
Thickness of Plating within line of openings...	37	
If Sheathed, material and thickness		
Second Deck.		
Stringer Plate, breadth and thickness in Wells...	69 38	
Stringer Plate, breadth and thickness in way of Bridge		
Thickness of Plating abreast Deck openings in way of Bridge		
Thickness of Plating within line of openings...		
If Sheathed, material and thickness		
Third Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness.....		
Fourth Deck.		
Stringer Plate, breadth and thickness.....		
If Plated, state thickness		
Poop Deck.		
Stringer Plate, breadth and thickness		
Plating, Sheathing, material and thickness		
Bridge Deck.		
Stringer Plate, breadth and thickness.....		
Plating, Sheathing, material and thickness		
Forecastle Deck.		
Stringer Plate, breadth and thickness.....	34	
Plating, Sheathing, material and thickness	34	

SHELL PLATING.

SCANTLINGS.					RIVETING.									
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	No.	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.										
FLAT PLATE KEEL	51	.75	.65	.65			Double	1	7/16	Heble	1	3 1/2	Strapped	
" DBLG. (if any)														
BOTTOM PLATING, No. of Strakes 4	75	.57	.48	.48			Double	7/8	8/16	Heble	7/8	3 3/8	Lapped.	
BILGE PLATING, No. of Strakes 1	75	.57	.46	.46			"	7/8	8/16	"	7/8	3 3/8	"	
SIDE PLATING, No. of Strakes 4	75 1/2	.57	.46	.46			"	7/8	8/16	"	7/8	3 3/8	"	
UPPER DECK, Sheer-strake in Wells	50	1.10	.46	.46			"	1	7/16	Quintuple	1 1/8	5"	"	
UPPER DECK, Sheer-strake in Bridge ...														
STRAKE BELOW Sheer-strake in Wells	53	.60	.46	.46			Double	7/8	8/16	Quadruple	1	4	Lapped.	
STRAKE BELOW Sheer-strake in Bridge ...														
POOP SIDE PLATING														
BRIDGE SIDE PLATING ...														
FOREC'TLE SIDE PLATING			.40				Single	3/4	3	Double	3/4	2 5/8	Lapped.	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— *Six*
Extending to Upper Deck (Sec. 3 c) *1 (Collision Bulkhead).*
„ Deck next below *5*
As per Rule *6*

FORGINGS and CASTINGS.

WATERLINE BULKHEADS.					
Total No. of W.T. BULKHEADS in Vessel— <i>Six</i>					
Extending to Upper Deck (Sec. 3 c) <i>1 (Collision Bulkhead).</i>					
,, Deck next below <i>5</i>					
As per Rule <i>6</i>					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD., Upper tween decks					
" " Second "					
" " Third					
" " Holds ..	<i>37.58-74</i>	<i>39-26</i>	<i>12x4x4x34-68E</i>	<i>30"</i>	
" " Holds ..	<i>42-121</i>	<i>42-28</i>	<i>12x4x4x34-68C</i>	<i>30"</i>	
COLLISION	(in Hold)	<i>Nº 149</i>	<i>53-30</i>	<i>12x3½x54E-24"</i>	<i>1 semibreau</i>
AFTER PEAK		<i>Nº 11-12</i>	<i>48-50</i>	<i>82-3½x46E-24"</i>	<i>Do.</i>

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STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
Plates:- Gutehoffnungshütte, Oberhausen.
Sections:- *Phoenix Ref. Ges. Birmingham Iron & Steel Works.*
 Has the Steel been tested as required by the Rules? *Yes.*

25 OCT 1926

EQUIPMENT No. 34512										LETTER "Y"	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.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.				
496	1st Bower ...	61	1	26	Stockless	49	3	3	0	60	Union	Deutsch-	Dusseldorf 9.12.24 K. Haus		
494	2nd " ...	53	0	8	Do.	44	7	2	0	50 1/2	Do.	Luxemburgerische	Do. 9.12.24 Do.		
495	3rd " ...	61	3	12	Do.	49	10	0	0	60	Do.	Bequaerke + H. A. H.	Do. 9.12.24 Do.		
	Collective weight.	176	1	18						170 1/2					
583	Stream	15	2	13	4	2	10	17	0	3	21	16 1/4 Ex. Ordinary Stock	Böttmunder Union	Dusseldorf 26.2.25 J. Quant	

CHAIN CABLES.

HAWSERS 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.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Owts.	qrs.	lbs.	Owts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.
1222	150	2 3/16	86 1/8	120 1/2	364	3	10				U.V. Nederlandsche Rottterdam 5-11-24 K. Haus		TOWLINE	120	4 1/4	47.7	120	4 3/4
1231	120	2 3/16	86 1/8	120 1/2	291	2	8	645 1/4	270	2 3/16	K + A. Talvik	" " "	HAWSERS & WARPS	40 1/2	3	19.5	20 9/10	2 3/4
Stream (Steel Wire)	90	4 3/4		47.7	656	2	0		90	4 3/4								

Steering Gear, Steam Electric Hydraulic J. Hastie & Co. Guelph Steering Gear, Hand screw gear 7" dia. John Hastie & Co.

Boats 2 Lifeboats 26'0" x 7'9" x 3'2"
1 Dinghy 16'0" x 5'6" x 2'2"

Steering Chains, Size and Test

Windlass

Electric J. B. Hergel, Odense

Ceiling in Holds, thickness and material 2" pine laid on 2" battens Cargo Battens, thickness, material and spacing 6 x 2" pine spaced 9"

Cargo Hatchways.—(Upper Deck) Steel coaming 33" high x 1/4" thick Thickness of Hatches 2 1/2"

Size of No. 1 Hatchway (Forward) 29'4" x 18'0" No. 2 30'0" x 20'0" No. 3 30'0" x 20'0" No. 4 30'0" x 20'0" No. 5 30'0" x 18'0" No. 6

Number of Shifting Beams and/or Fore and Afters No. 1 Hatch 5 off 16" x 36" - No. 2, 3, + 4 Hatches 14 1/2 x 34" - No. 5 Hatch 13 1/2 x 32"

Builder's Signature

per pro. AKTIESELSKABET
NAKSKOV SKIBSVÆRFT

GENERAL DECLARATION

The vessel has been built in accordance with the approved plans, the Secretary's letters, and as required by the Rules.

All double bottom tanks, peak tanks, tank between tunnels, tunnels, decks, waterways, and bulkheads have been tested as required by the Rules, and found good.

The workmanship is good, and the materials are to our satisfaction.

The amount of Entry Fee Ks. 164.50
FREEBOARD 201.00
Special Survey Fee... Ks. 6351.00
Travelling Expenses, if any Ks. 1156.10

Fees applied for,

20.10 19 26

Received by me,

8.11.26

I am of opinion the Vessel should be Classed + 100 A.1.
with freeboard.

State whether the Vessel has been built under Special Survey Yes.

Signature

J. Macleod

Surveyor to Lloyd's Register of Shipping.

Certificate sent to Copenhagen Date of issue 26/10/26.

Committee's Minute

Character assigned

TUES. 26 OCT 1926

+ 100 A.1

With freeboard 59'8"

Lloyd's ascert.

+ Lmb. 10.26. Cl.
Oil Engines D.B. 1200

Mg

LR

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Lloyd's Register Foundation

W1142-0082

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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 plans and certificates are forwarded herewith:—

Plans:— Midship Section
Profile and Decks.

Approved Midship Section for M.V. "Astoria". This plan was retained for reference.

Certificates:—

Stern frame and 2 propeller brackets N^o 2230.
Rudder arms, mainpiece and stock N^o 2213.
Hydraulic tiller & cap N^o 1326.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	N ^o 496	Anchor head	Weight	40-0-0	J.Q.	167	4-11-24
	2nd "	N ^o 494	"	"	34-0-19	J.Q.	166	4-11-24
	3rd "	N ^o 495	"	"	40-2-6	J.Q.	168	4-11-24
		N ^o 583	Stock anchor	"	15-2-13	M.B.	2288	22-1-25

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 38.83 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 Sk. (Stl) & Shellin dk (Stl).

Official No. ; Signal Letters Is bottom of Vessel coated with cement No. if not give particulars of composition cemented in way of peak tanks only.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	OIL Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	115	274	Fore peak tank,	20.83	116
Double bottom, under Engines and Boilers, N ^o 3 tank	35	108	After peak tank,	22.92	123
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	183.75	636	Other tanks, if fitted, between tunnels	45.0	90 OIL
Total capacity of double bottom		1018	(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. 28

Date 23rd Nov 1925

Dates of Surveys held while building

1925:— 12/8, 15/9, 10/10, 27/10, 5/11, 23/11, 9/12, 17/12,
1926:— 17/2, 4/3, 24/3, 7/4, 27/4, 11/5, 28/5, 9/6, 18/6, 27/7, 9/7, 23/7, 29/7, 19/8,
17/8, 31/8, 15/9, 24/9, 29/9, 5/10

Total No. of Visits 28