

Lloyd's Register
Foundation

STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— **Hüttenunion, Hüttenwerk Oberhausen, Hüttenwerk Salzgitter, Lorraine-Escaut, Wickwire Spencer Steel Division, Dorman Long, SA de la Fabrique de Fer de Charleroi, Colvilles.**

Sections:— **Hüttenunion, Hüttenwerk Oberhausen, Colvilles, Norrbottens Järnverk, Vuoksenniska, Domnarfvets Järnverk, Gustave Boël.**

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? **Yes** ✓

Process of manufacture (e.g. Open hearth, electric furnace, etc.) **Open hearth process** ✓

Particulars of Special Quality Steel used
(Advice notes to be forwarded separately with plan showing disposition of these plates)

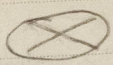
Part of sheer strake (round openings between upper deck and second deck)

ELECTRIC WELDING

Parts of main structural importance electrically welded

All welded

Parts examined by radiography **Part of seams and butts amidships in upper deck, second deck and shell plating.**

Were the electrodes used of types approved by the Committee? 

FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	Plate stem	
Shaft brackets	None	
Sternframe	Fabricated	
Rudder mainpiece or post	Fabricated	
Rudder head	Forged	Wärtsilä-koncernen A/B Dalsbruks Järnverk ✓
Quadrant	None	Friedrich Carl Hütte A/B Dalsbruks Järnverk
Tiller	Casting Casting	Friedrich Carl Hütte ✓

GENERAL PARTICULARS

Steering gear (Type & Maker) **Electro-hydraulic** ✓
Van der Giessen

Steering chains (Size & test) **None**

Ceiling in holds (Material & thickness) **Pine 65 mm**

Parts of bottom plating on which cement or an approved composition is laid (if fitted):—

Particulars of composition (if any):—

Insulated cargo compartments (if any):— **None**

Parts of structure of material other than steel (if any):— **Part of wheel house of light alloy.**

If mechanical ventilation is fitted, state in which cargo spaces:—

If cathodic protection is fitted, state in which tanks:—

Auxiliary steering gear

Hand gear ✓

Windlass (Type & Maker)

Electric, Van der Giessen ✓

Are cargo battens fitted in holds? **Yes** in 'tween decks? **Yes**



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Certificate No.	Anchor	Weight of Anchor kgs.	Weight of Stock (if any)	Test per Certificate kgs.	Rule weight kgs.	Description of Anchor	Where and when tested
227/ 1026	Bower (1)	2069 ✓	-	37,040 ✓	2025 ✓	Hall's patent	Dalsbruk 24.8.59
228/ 1027	" (2)	2078 ✓	-	37,170 ✓	2025 ✓	"	
229/ 1028	" (3)	2079 ✓		37,180 ✓	2025 ✓	"	
	Coll. wt.	6226 ✓			6075 ✓		
	Stream						

Number of Certificate	Supplied		Test per Certificate		Weight of Chain Cable				Rule		Description and Material	Makers of Cable	Where and when tested	
	Length	Dia.	Stat.	Bkg.	Supplied		Rule		Length	Dia.				
	xxxx metres	In. or m/m.	Pers. kgs.	XXXXX kgs.	XX or kilograms.	X. Qts.	Xs. Ots.	XX or kilograms.	X. Qts.	XXXXXXXXXXX metres	XXX m/m.			
215/ 1019	440	41	✓ 66,550	✓ 93,100	17,286			16,133		440	41	Stud Link Special Steel ✓	Wärtsilä-kon- cernen A/B Dalsbruks Järnverk ✓	Dalsbruk 24.8.59
			circ.											
* Stream wire or chain	None													

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied		Breaking Test	Rule		Maker's Name	Certificate number	Weight (to include pins, etc.)	Surveyors' Initials	Date of Test
	Length	Circ.		Length	Circ.					
	Fathoms or metres	kg Ins. or m/m.		Fathoms or metres	kg Ins. or m/m.					
		Br. st.		Br. st.	Bowch A/B	Wärtsilä-koncernen Dalsbruks Järnverk	227/ 1026	1455 ✓	ÅL	24.8.59
		kg		kg	" (2)	- "-	228/ 1027	1464 ✓	ÅL	24.8.59
Towline	185 ✓	4"	43,600 ✓	185 ✓	" (3)		229/ 1028	1465 ✓	ÅL	24.8.59
Mooring	3+ ✓	3"	25,000	38470	Stream					
Ropes	185		30 185	15330	✓					

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 90.00 m = 295.3' Moulded breadth 14.40 m = 47.25' Moulded depth 5.65 m = 18.5' M dk

Number and material of decks 3 steel decks 1st dh & 2nd dh except in midy space

Length of Poop 38' 43' R.Q.D. Bridge 87' 71.5' Fo'cle 29.5' 57' Trunk

Overall length 318' ✓ Extreme breadth 47.4' ✓ Rise of floor 3' ✓

Is ship of O.S.D. Type? ☒ No Is ship of C.S.D. Type? ☒ No Is duct keel fitted? ☒ No

Is longitudinal framing fitted? (state where) **No** ✓

Is strengthening for navigation in ice fitted? (state class) No ☒

Is additional strengthening for heavy cargoes fitted? **No** ✓

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel?

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? No and if so state where, together with the flash point where required

to be inserted in the notation:—

Watertight and/or Oiltight Bulkheads (state number required by Rules) 5 ✓

✓ ✓ 33 328 328 Total 5 ✓

Bulkheads in ship extending to Upper deck on frame numbers:— 8, 42, 70, 102, 128 Total = 2

Bulkheads in ship extending to deck below upper deck on frame numbers:—

Is E.S.D. fitted? **Yes** Is Radar fitted? **No** Is Position Fixing Device fitted? **No**

Is D.F. fitted? **Yes** Is Gyro Compass fitted? **Yes** Is Submarine Signalling apparatus fitted? **No**

Total =

ing Device fitted? No

Signalling apparatus fitted? No

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CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded)

(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:—		No. 1	2 x 50	No. 2	FW 2 x 57	No. 3	FW 2 x 43	No. 4	OF C 19 S 48	No. 5	OF 2 x 29	No. 6	OF 2 x 28
		No. 7	OF 8	No. 8		No. 9		No. 10		No. 11	FW 2 x 44	No. 12	
Fore peak tank		100	✓	After peak tank		125	✓	Midship deep tank					
Deep tank aft		-		Deep tank fwd		-		Topside tanks					
Tanks at sides of tunnel		-		Tanks in way of tunnel		-		Deck tanks					
Side tanks		-		Wing tanks		-		Other tanks					

If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

Plans as per separate list.

SPECIAL FEATURES None