

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.....	✓										
" in 'tween Decks, Size and Spacing.....	✓										
" " " " "	✓										
" in Holds " "	✓										
" " " " "	✓										
Centre Line Bulkhead.	9	3½	40	L 6	✓						
Stiffeners and Spacing..... <i>about 30"</i>	15	41	4	4	62	I	✓				
Plating, thickness of <i>from top</i>	43	41	38	41	44	54	✓				
STRINGERS AND DECKS.											
Uppermost Continuous Deck.											
Stringer Plate, breadth and thickness in Wells	62	x	68		✓						
" " " " in way of Bridge	62		82		✓						
" Angle in Wells <i>way of oil</i>	6	6	68		✓						
Thickness of Plating abreast Deck openings in way of Wells <i>from C. Line</i>	70	50	66	66	50	✓					
Thickness of Plating abreast Deck openings in way of Bridge	✓										
Thickness of Plating within line of openings...	✓										
If Sheathed, material and thickness	<i>no sheathing</i>				✓						
Second Deck.											
Stringer Plate, breadth and thickness in Wells...	80		45		✓						
Stringer Plate, breadth and thickness in way of Bridge	80		45		✓						
Thickness of Plating abreast Deck openings in way of Wells	✓										
Thickness of Plating abreast Deck openings in way of Bridge	✓										
Thickness of Plating within line of openings...	✓										
If Sheathed, material and thickness	<i>no sheathing</i>				✓						
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	42		34		✓						
Plating, Sheathing, material and thickness	28		<i>with sheathing 5x2½</i>								
Bridge Deck.											
Stringer Plate, breadth and thickness...	41		42		✓						
Plating, Sheathing, material and thickness	34		<i>no sheathing</i>								
Forecastle Deck.											
Stringer Plate, breadth and thickness			36		✓						
Plating, Sheathing, material and thickness	36		<i>sheathed under windlass</i>								

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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	66	.94	.82	.76		Double	1	4	fine	1	4½	Lapped	
„ DBLG. (if any) ✓	2 @	.70											
BOTTOM PLATING, No. of Strakes4.....	2 @	.64	.60	.50	+ .06 on A & B strakes	Double	7/8	3½	four	7/8	3½	Lapped.	
BILGE PLATING, No. of Strakes1.....		.70	.52	.50	+ .04	Double	7/8	3½	four	7/8	3½	Lapped	
SIDE PLATING, No. of Strakes3.....		.62	.48	.48		Double	7/8	3½	four	7/8	3½	Lapped	
UPPER DECK, Sheer- strake in Wells.....	74	.98	.48	.48	+ .12	Double	1	4	fine	1	4½	Lapped	
UPPER DECK, Sheer- strake in Bridge ...	74	.99				Double	1½	4½	fine	1½	5	Lapped.	
STRAKE BELOW Sheer- strake in Wells.....	82	.74	.48	.48		Double	1	4	four	1	4	Lapped	
STRAKE BELOW Sheer- strake in Bridge ...	82	.74				Double	1	4	four	1	4	Lapped.	
POOP SIDE PLATING40	.48	.40		Double & Single	7/8 & 3/4	3½ & 3	two	3/4	2 5/8	Lapped	
BRIDGE SIDE PLATING50				Double	7/8 & 3/4	3½ & 3	two	3/4	2 5/8	Lapped	
FOREC'TLE SIDE PLATING			.42			Single	7/8 & 3/4	3½ & 3	two	3/4	2 5/8	Lapped.	

WATERTIGHT BULKHEADS.

80.T.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).

„ Deck next below.

As per Rule.....

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Plate Keel.			
STEM	Forged Steel	$10\frac{1}{2} \times 2\frac{3}{8}$	B & W.	
STERN FRAME {	Propeller Post			
	Rudder "	Hollow Casting		
RUDDER—A × D	558.9			
Speed of Vessel	11			
RUDDER mainpiece at head ...	Forged	$11\frac{3}{4}$		
" " heel ...	Steel	$8\frac{3}{4}$		
" how constructed	Main piece	4 arms		
" double or single plate	Single	1-10		
" coupling, vertical or horizontal	Horizontal			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 Angle's Vermorel

ANGLES - VEREINIGTE STAHLWERKE HOERDER VEREIN.

PLATES - MANNESMANNRÖHREN - WERKE HUCKINGEN

Has the Steel been tested as required by the Rules?

EQUIPMENT No. 43100												LETTER 67		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.			
1202	1st Bower ...	73	3	0	✓			56	15	0	0	72½	Halls' Patent	✓	Rotterdam 24/5/28 P.F. Willema
1203	2nd „ ...	43	2	0	✓			56	15	0	0		Halls' Patent	✓	ditto
1211	3rd „ ...	63	2	0	✓			50	4	0	0		Halls' Patent	✓	Rotterdam 29/6/28 P.F. Willema
	Collective weight.	210	3	0								204			
1201	Stream	20	2	0	5	1	6	21	3	0	0	20½	Common Stock	✓	Rotterdam 23/5/28 P.F. Willema

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
1615	135	60	102000	142800	374.0.0				Stud	H. V. Meyerman	Rotterdam 25/28 P. F. Willema	POWLINE...	Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
1650	165	60	102000	142800	468-3-6				Link	and in Ketting Industri	Rotterdam 19/28 P. F. Willema		130	5½	88,000	130	5½		
	300				842.3.6	42560 or 837½ cwt		300	60			HAWSERS & WARPS	2@100	8"	manilla	2@100	8"		
		Cir.							Cir.				2@100	8"	manilla	2@100	8"		
Iron Stream Chain or Steel Wire	120	5	13000					120	5			"							

Steering Gear, Steam *John Hastie - Electric Hydr* Steering Gear, Hand *John Hastie*

Boats *2 @ 26-0 x 8-6 x 3-3"* Steering Chains, Size and Test ☒ Windlass *Schäffle & Co. Lübeck*

Ceiling in Holds, thickness and material ☒ Cargo Battens, thickness, material and spacing ☒

Cargo Hatchways. *FOR 2* (Upper Deck) *11-3" x 12-6"* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *26 o.t. Hatchways 6'x4' - 2 @ 5-6" x 4-0" coamings 32" high*

Number of Shifting Beams and/or Fore and Afters *2 in Cargo Hatch 10'x30' 3x3x40*

Builder's Signature *BURMEISTER & WAINMAN MÅSKIN OG SKIBSBYGGERI*

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 *is a tanker* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

This vessel has been built according to the approved plans, Secretary's letters and to the Rules of this Society.

The workmanship is to my satisfaction

The vessel is intended to carry petroleum in bulk; the oil tanks, oil fuel and lubricating oil tanks, cofferdams, peak tanks and fresh water double bottom tank have been tested according to the Rules and found satisfactory.

The amount of Entry Fee £ Kr : 182.00 Fees applied for, *28.12.1928*

Special Survey Fee £ Kr 10663.50 Received by me, *24.1.29*

Travelling Expenses, if any £ Kr. : 14.25

State whether the Vessel has been built under Special Survey *yes* Signature *J.G. Buchanan*

Certificate to be sent to *Surveyors Office Copenhagen* Date of issue *2/1/29*

Surveyor to Lloyd's Register of Shipping.

Committee's Minute *WED. 2 JAN 1929*

Character assigned *+ 100 A1 Carrying Petroleum in Bulk*

Lloyd's A+C.P. + L.A.C. 12.28 Oil Engines

25 B. 180lb.

The Surveyors are requested not to write on or below the Committee's Minute.

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.)

Sister Vessel. m/s. "HIDLEFJORD"

Report No. 4496

Yard No. 548

Midship section and Profile and Decks.

Approved plans.

- ✓ Midship Section
- ✓ Profile and Decks
- Section thro' Machinery space and fore Hold.
- ✓ Transverse in Pump Room.
- Oil fuel bunker Bulkheads
- bruiser stern, boss frames and after peak.
- Stiffening of O.T. Bulkheads in way of main pipe line
- Detail of shell doublings
- After peak bulkhead
- Fore peak bulkhead
- Snipe and riveting attachment of Longitudinals
- Stem frame & Rudder
- Boss Brackets
- Motor Seating

- Certificates -
- 1 - Stem frame
 - 1 - Shaft Brackets
 - 1 - Rudder Head.
 - 1 - Rudder main piece
 - 1 - Tiller
 - 1 - Interim Certificate

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower 42.1.19., D.O.B., 580., 24/4/28.
2nd " 42.5.27., D.C.B., 581., 24/4/28.
3rd " 40.0.14., A.B., 2024., 30/5/28.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 100.17 ft., R.Q.D. 1 ft., Bridge 31.5 ft., Forecastle 42.33 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) 2 dks (stl) & web frames.

Official No. ✓ : Signal Letters L.G.W.B

particulars of composition Fore peak & after peak Cement wash Is bottom of Vessel coated with cement no. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, F.W.	25.0	62	Fore peak tank, WATER BALLAST	22.1"	93
Double bottom, under Engines and Boilers, LUB. OIL	5.0"	20	After peak tank, " "	20.11"	144
Double bottom, under Engines only,	40.0"	242	Deep tank, aft, OIL FUEL	5.0"	170
Double bottom, if under Boilers only,	70	324	Deep tank, forward, OIL FUEL	45.0"	518
Double bottom, forward,			Other tanks, if fitted, AFT. BOILER OIL	5.0"	48
Total capacity of double bottom			(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. 549

Date 14 June 1927.

Dates of Surveys held while building

1928 - APR. 4.23.28. MAY 7.11.19.25.29. JUNE 4.8.9.15.25.27.28. JULY 2.3.9.13.14.23. AUG 2.7.9.10.8.20.21. 24.29. SEP 1.5.6.10.12.17.18.19.22.24.25.28. OCT 1.3.4.5.6.12.13.20.22.25.29. NOV 3.8.24.27. DEC 1.

Total No. of Visits 54

pt. 1*.

1/5. "SANDAR" PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.			
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Framing of L, L or C																	
Frames in Bridge 'tween Decks ...		150	75	102				6	3	40L							
Frames from Uppermost Continuous Deck																	
No. 1		230	90	11L	180	85	10L	9	3½	40L	7	3½	40L	7/8	5¼	5¼"	
" 2		230	90	11L	180	85	10L	9	3½	40L	7	3½	40L	"	"	5¼"	
" 3		270	90	13L	180	85	10L	10½	3½	44L	7	3½	40L	"	"	5¼"	6 END
" 4		280	90	13L	180	85	10L	11	3½	44L	7	3½	40L	"	"	5¼"	
" 5		290	90	14L	190	85	10L	11½	3½	47L	7½	3½	40L	"	"	4" - 10 Rivs	RIVETS
" 6		300	90	14L	220	85	10.5L	12	3½	50L	8½	3½	40L	"	"	4" - "	
" 7		300	90	14L	230	85	10L	12	4½	3½	3½	60L	9	3½	40L	"	"
" 8		300	90	16L	230	90	11L	12	5½	3½	3½	60L	9	3½	44L	"	"
" 9		15.43.4.4.63L			250	90	11L	15.41.4.4.62L			10	3½	44L	"	"	3½"	SPACED
" 10		15.43.4.4.63L			250	90	11.5L	15.41.4.4.62L			10	3½	46L	"	"	3½"	
" 11		15.43.4.4.63L			250	90	11.5L	15.41.4.4.62L			10	3½	46L	"	"	3½"	
" 12		17.48.4.4.68L			270	90	13L	17.48.4.4.68L			10½	3½	46L	"	"	3½"	3½"
" 13																	
" 14		17.54.4.4.68L						17.54.4.4.68L						"	"	3½" - 10 Rivs	DITTO
" 15																	
" 16																	
Spacing of Longitudinal Frames		Amidships 30"			At Ends 30"												
Double Bottoms		Tank Top Longitudinals			IN MOTOR ROOM			TRANSVERSE FRAMES & FLOORS									
L or C		Bottom															
Spacing of Longitudinals		Amidships															
		At Ends...															
Transverses.														Rivets in Lugs to Shell Diam. Speng.			
In Bridge		Depth and Thickness			21			21			38						
Between Decks		Face Angles			3" FL			3" FL									
		Lugs to Shell*			90 90 10			3½ 3½ 40			3/4 4½						
In Upper 'tween Decks.		Depth and Thickness			30"			30			40						
		Face Angles			90 90 10			3½ 3½ 40			40						
		Lugs to Shell*			90 90 10			3½ 3½ 40			40			7/8 4			
In Hold.		Depth and Thickness			54-60			54-60			46						
		Face Angles			150 90 10			6 3½ 40									
		Lugs to Shell*			150 150 12			6 6 46			46			7/8 4			
		Brackets															
Spacing of Transverse Frames		8 7½ 12 3 8 7½															
* State if joggled or liners.		Joggled															
Longitudinal		Bridge Deck ...			150 75 8			6 3 32			34			Spacing.			
Beams of		Upper			220 85 10			8½ 3½ 40			30			In Ships.			
L or C		Second			240 90 11.5			9½ 3½ 45			30			Plate. Angles.			
		Third												As approved.			
														Plate. Angles.			
														Transverse			
														Beams.			

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.