

PILLARS AND DECKS.

PILLARS, No. of Rows	INCHES IN SHIP		Any Departure from Approved Plans to be Noted.	STRINGER PLATE, breadth and thickness in way of Bridge	INCHES IN SHIP		Any Departure from Approved Plans to be Noted.
	mm	mm			mm	mm	
One							
in 'tween Decks, Size and Spacing							
" " " " " Widely spaced							
in Holds " " " " as approved							
Centre Line Bulkhead.	170	90	12				
Stiffeners and Spacing Inverted angle	130	65	9				
Plating, thickness of	7.5						
STRINGERS AND DECKS.							
Uppermost Continuous Deck.							
Stringer Plate, breadth and thickness in Wells	2190	x	13	17 at break P 403 quality			
" " " " in way of Bridge	-						
" Angle in Wells Frs 47-113	90	90	13	Riveted			
Thickness of Plating abreast Deck openings in way of Wells	13			21 at hatch corners P 403 quality			
Thickness of Plating abreast Deck openings in way of Bridge	-						
Thickness of Plating within line of openings	8.5						
If Sheathed, material and thickness	Not sheathed						
Second Deck.							
Stringer Plate, breadth and thickness in Wells	9						
				Stringer Plate, breadth and thickness 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 Plating, Sheathing, material and thickness			

SHELL PLATING.

STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	RIVETING.				
	AMIDSHIPS.		FORWARD.	AFT.		EDGES.		BUTTS.		
	Breadth.	Thickness.	Thickness.	Thickness.		State if jogged? No.	SINGLE OR DOUBLE.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.
Flat Plate Keel	1220	17.5	17.5	17.5						
" Dblg. (if any)	-	-	-	-						
Bottom Plating, No. of Strakes		13	16.5	11	13.5 at post					
Bilge Plating, No. of Strakes		13.5	20	11						
Side Plating, No. of Strakes		13.5	20	10.5						
Upper Deck, Sheer-strake in Wells	1960	15	9.5	8.5	18 & 22.5 at break P 403 quality					
Upper Deck, Sheer-strake in Bridge		-	-	-						
Strake below Sheer-strake in Wells		-	-	-						
Strake below Sheer-strake in Bridge		13	13.5	11	18 and 16.5 at break P 403 quality					
Poop Side Plating		-	-	-						
Bridge Side Plating		-	-	-						
Forecastle Side Plating		-	8.5	-						

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) 2

" Deck next below 4

As per Rule 6

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantling.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	Rolled	200x13.5		
STERN FRAME	Cast	200x20		
Speed of Vessel		15.75 knots		
RUDDER—Type		Semi balanced		
" A x D. x L		575		
" Diam. of head	Forged	246		
" Mainpiece at top pintle		300		
" " heel		295		
" how constructed		Plates welded to frame		
" double or single plate coupling, vertical or horizontal		double ~ 3mm		
		Horizontal 6/75 mm bolts		

STIFFENERS.

	Plating Thickness.	VERTICAL.				HORIZONTAL.	
		Scantlings.		Spacing.	Scantlings.		
		Scantlings.	Spacing.		Scantlings.	Spacing.	
Fr. 33	6.5	100x65x8					
MIDSHIP BULKH'D, Upper 'tween decks	11.5	150x75x9	610		Wing tank top		
" " Second Fr. 54	6.5/9	200x90x12	760				
" " Third Fr. 88	6.5/9	150x90x12	640				
" " Holds Fr. 114	6.5	200x90x12	760				
" " " Fr. 114	11.5	150x90x10	630				
COLLISION (in Hold) Fr. 138	6.5	100x75x8			Stringers and main deck		
AFTER PEAK Fr. 4/8/9	7.5/8	150x75x11	555		W.T. flat		
	15	100x65x11	610				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open hearth and

Elec. Furnace.

Norrbottnens Järnverk, Domnarfvet, Hüttenunion.

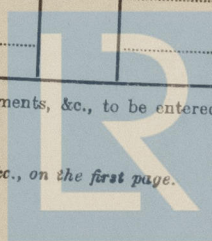
Has the Steel been tested as required by the Rules? Yes

PARTICULARS OF LONGITUDINAL FRAMING

FRAMING	AMIDSHIPS						ENDS			Any Departure from Approved Plans to be Noted.	RIVETING					
	In Ship.						In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.				
of L, L or C																
Bridge 'tween Decks ...																
from Uppermost Continuous																
No. 1																
" 2																
" 3																
" 4																
" 5																
" 6																
" 7																
" 8																
" 9																
" 10																
" 11																
" 12																
" 13																
" 14																
" 15																
" 16																
ing of (Amidships																
tudinal (At Ends																
STRAPPED LAPPED.																
Tank Top Longitudinals	150	75	9	150	75	9	Inverted angle ✓									
Bottom " "	150	75	10.5	150	75	10.5	" "									
Longitudinals (Amidships	730	✓		730	✓											
At ends...	730	✓		730	✓											
Transverses.																
Deck Depth and Thickness	250	90	✓ 11													
Face Angles	Inverted angle and as approved./															
Lugs to Shell*.....																
Depth and Thickness																
Face Angles																
Lugs to Shell*.....																
Depth and Thickness	1000	x	10.5	✓												
Face Angles	Welded															
Lugs to Shell*.....	to															
" " Back Bars	shell and															
Brackets	inner bottom/															
g of Transverse Frames...	2840	✓														
ate if joggled or lined																
Shelter																
Bridge Deck...	130	65	8	✓	100	65	Inverted angle	Spacing.	750	✓						
Upper "																
Second "																
Third "																

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., 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, &c., on the first page.



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Port of Stockholm

Continuation of Report No. 11361

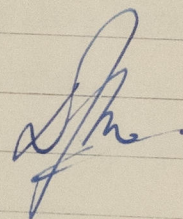
dated 22nd January, 1958

on the

"FREDRIKA"P 403 QUALITY PLATING.

POSITION.	PLAN No.	MARK.	THICKNESS.
Shell plate (p & s) H 12	115	H 12	18
" " " H 11	115	H 11	22.5
" " " H 10	115	H 10	22.5
" " " H 9	115	H 9	18
" " " J 13	115	J 13	18
" " " J 12	115	J 12	18
" " " J 11	115	J 11	16.5
Shelter dk at poop front	154	SD 37	17
" " " " "	154	SD 36	17
" " " No. 3 hatch	154	SD 60	25
" " " " " "	154	SD 67	25
" " " " " " (corner)	154	SD 2	21
" " " No. 3 hatch (corner)	154	SD 3	21
Shelter dk hatch girder	153	SL 9	40
Main dk " "	141	HL 5	40
" " " "	141	HL 7	40
" " " "	141	HL 9	40
" " " "	141	HL 10	40
Aft peak bulkd.	128	BH 30	50
Engine seats	150	MB 6	45
Rudder	121	R 7	40

Relevant steel invoices attached.



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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 copy of the Plans should be embodied.)

Sister vessel "SVENSKSUND" Stockholm report No. 11194 dated 31.8.57.

PLANS.

Longitudinal Section and plans.

Midship Section.

Shelter deck

Main deck

Poop deck

Fore deck and bulkhead

Framing plan

Pillars, girders and centreline bulkheads. Macgregor Steel Hatch Covers.

Shell expansion

Rudder and post

Sternframe

Keel and centre girder

Engine seating

Floors and centre girder in E.R. DB tanks

Auxiliary seatings

Tank top in motor room

Engine room pillars

Longitudinal framing at fore end

Fore end floors

Fore peak

After peak

Tunnel wing tanks

Shaft, tunnel and tank top.

PLANS (AS FITTED).

Longitudinal section and plans (as fitted)

Midship section (as fitted)

PLANS.

Hatches 1-4. Shelter deck & No. 4. Poop

Hatches 1-5. Main deck

Hatch beams " "

Masts & Derricks (4 plans)

CERTIFICATES.

Sternframe (Stockholm 15012)

Rudder head (Stockholm 15040)

Rudder shaft (Stockholm 15040)

Macgregor hatch covers (Stockholm 16273)

STEEL INVOICES.

P 403 Steel invoices now forwarded (see continuation sheet).

PARTICULARS OF ELECTRIC WELDING (if employed)

All welded construction except shelter deck stringer angle.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

LLOYDS A & CP. Elec. welded, longitudinal framing at bottom & shelter deck, Radar, Gyro Compass, E.S.D., Strengthened for navigation in ice.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. CR 104 A

State Name of Maker and/or Supplier Radio Corporation of USA.

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

1st Bower 32.1.7 / AEG 7910 30.4.57.

2nd " 32.1.7 / AEG 7964 17.5.57.

3rd " 30.0.14 / AEG 7909 32.0.57.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 130.65 ft., R.Q.D. — ft., Bridge — ft., Forecastle 25.5 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated —

Official No. — Signal Letters SMPA

Extreme Breadth over Belting 50'-7 3/4" 50' 8" (Circ. 1811)

Over-all Length 375'-7 3/4" 375' 8" (Circ. 1703)

No. and Material of Decks 1 deck and shelter deck steel.

Parts of Bottom of Vessel coated with cement or approved composition Fore peak, aft peak, f.w. tank.

Rise of floor 3".

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)

(Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		74.2
Double bottom, under Engines and Boilers,			After peak tank,		41.0
Double bottom, if under Engines only, OF or WB		94.4	Deep tank, aft, Tunnel wing tanks,		140.7
Double bottom, if under Boilers only,			Deep tank, forward, " " " FW		56.8
Double bottom, forward, OF or WB		645.6	Other tanks, if fitted,		
Total length (if continuous) and Capacity		740.07	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 104

Date 6/9 1956

Dates of Surveys held while building

1956: 13, 15. 1957: Jan. 28. Feb. 4, 15. March 29. Apr. 8, 23. May 3, 15, 22. June 11, 27. July 4, 29, 30, 31. Aug. 5, 6, 7, 8, 9, 12, 13, 14, 15, 19, 22, 24, 28. Sep. 25. Oct. 10, 11, 30, 31. Nov. 9, 14, 15, 21. Dec. 4, 5, 9 and 11.

Total No. of Visits 45

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