



35360

STEEL STEAMER OR MOTORSHIP

3-JUL-1956

Received at London Office

State if Report has been sent on the Freeboard of the Vessel -

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

Date of completion of report 2nd July 1956 Port of Stockholm No. 10608

Survey held at Gävle Date First Survey 28th September 1955 Last Survey 1st June 1956

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Steel Single Screw Trawler "TAG II"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Flush Deck Vessel (Full scantling) State Type of Erections Forecastle & Poop

TONNAGE under Tonnage Deck ... 510

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

Gross Tonnage 688

Register Tonnage 225

CLASS +100A1 Steam Trawler State if with freeboard as condition of Class -

Length from fore part of stem to after part of stern post on summer line - See Sec. 3 (1a) L 187.5

Breadth (greatest moulded) B 30.5

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 15.9

1st Longitudinal Number (L x D) = 2984

2nd Numeral L x (B + D) = 8707

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel Do. Long Bridge to top of keel -

Draught Moulded -

Built at Gävle

Launched 20.12.55. Yard No. 91

Builders A/B Gävle Varv

Owners U.S.S.R.

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

Residence -

Port of Registry Murmansk

If surveyed while building, afloat, or in dry dock

While building, afloat and on slipway.

REGISTERED DIMENSIONS.

FEET

Length -

Breadth -

Depth -

FRAMES, DOUBLE BOTTOM AND BEAMS.

	mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm. INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	575	/	Bracket Floors, Frame	-	
" " from 1/2 length amidships to Collision bulkhead			" " Reversed Frame	-	
" " forward of frame 71			" " Vertical Struts	-	
" " in peaks	475	/	Centre Girder, depth and thickness amidships	900 9	
SIDE FRAMING.			" " top Angles	E.W.	/
Frame Amidships, Angle, E or F	5" 3" 5/16"	/	" " bottom Angles	E.W.	/
" " Extends up to	Upper deck	/	Side Girders, No. each side and thickness	-	
Reversed Frame Amidships, Angle	-		Margin Plate depth (excl. of flange) and thickness	720 9	/
" " Extends up to	-		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	E.W.	/
Depth of Framing Girder	-		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	E.W.	/
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	-		" " Gussets, spacing and scantling abaft 1/2 len. from stem	Flatbar 100 x 8	/
" " Second 'tween Decks, Angle, E or F	-		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	-	
" " Third " " " "	-		Tank Side Brackets, height above base line at toe of Frame and thickness	7.5 Flush with T.T.	/
" " from frame 81 coll. bhd. to 15% len. from Stem	5" 3" 5/16"	/	INNER BOTTOM PLATING.		
" " in Peaks, Angle E or F	5" 3" 5/16"	/	Breadth and thickness of Middle Line Strake	7.5 transversally	/
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	E.W.	/	Thickness of remainder in Holds	-	
State if Frame Joggled	No	/	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in R. & B. space and framing in Bunkers and Boiler Room?	Yes	/
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes	/	BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes	/	Uppermost Continuous Deck, amidships in Weir, Angle, E or F	100 75 8	/
SINGLE BOTTOM.			" " in way of Bridge, Angle, E or F	150 75 8.5	/
Floors, Depth and thickness at mid-line in Holds, Boiler Room	525 11	/	x) E & BC Spacing	575 & 1150 resp.	/
Height of Brackets at side above base line at toe of frame	No brackets	/	Second Deck, amidships, Angle, E or F	-	
Middle Line Keelson, on Floors, Angles, E or F	-		Spacing	-	
" " " Through Plate or Intercostal Plate	500 10	/	Third Deck, amidships, Angle, E or F	-	
" " " Foundation Plate on Floors	200 20	/	Spacing	-	
" " " Flat Plate Keel Angles	E.W.	/	Fourth Deck, amidships, Angle, E or F	-	
Side Keelsons, No. each side	-		Spacing	-	
" " thickness of Intercostal Plate	-		Poop Deck, Angle, E or F	75 50 6	/
" " Angles	-		Spacing	575	/
DOUBLE BOTTOM.			Bridge Deck, Angle, E or F	-	
Solid Floors, thickness and spacing	7.5 every frame	/	Spacing	-	
" " Are Frame and Reversed Frame joggled?	-		Forecastle Deck, Angle, E or F	100 65 6	/
Bracket Floors, breadth and thickness at middle line	-		Spacing	475	/
" " breadth and thickness at margin plate	-				

PILLARS AND DECKS.

	mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		mm INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	4		Stringer Plate, breadth and thickness in way of Bridge	-	
" in 'tween Decks, Size and Spacing	-		Thickness of Plating abreast Deck openings in way of Wells	-	
" " " " "	-		Thickness of Plating abreast Deck openings in way of Bridge.....	-	
" in Holds " " " "	4 L bars 60x6 - 35 x7 spaced 1650		Thickness of Plating within line of openings...	-	
" " " " "			If Sheathed, material and thickness.....	-	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing	-		Stringer Plate, breadth and thickness.....	-	
Plating, thickness of	-		If Plated, state thickness	-	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck. amidships			Stringer Plate, breadth and thickness.....	-	
Stringer Plate, breadth and thickness in Wells	645 7.5	/	If Plated, state thickness.....	-	
" " " " in way of Bridge	-		Poop Deck.		
" Angle in Wells	E.W.	/	Stringer Plate, breadth and thickness.....	-	
Thickness of Plating abreast Deck openings } in way of Wells	6	/	Plating, Sheathing, material and thickness ...	5/14 Wood 2 1/2"	fwd of fr. O.
Thickness of Plating abreast Deck openings } in way of Bridge.....	-		Bridge Deck.		
Thickness of Plating within line of openings...	6	/	Stringer Plate, breadth and thickness.....	-	
If Sheathed, material and thickness.....	Wood, 3", where exposed	/	Plating, Sheathing, material and thickness ...	-	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells			Stringer Plate, breadth and thickness.....	770 6	/
			Plating, Sheathing, material and thickness...	5 Wood 2 1/2"	/

SHELL PLATING.

SCANTLINGS. mm.					RIVETING.							
STRAKES.	AS IN VESSEL				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			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.								
Flat Plate Keel.....	-	-	-	-								
„ Dblg. (if any)	-	-	-	-								
Bottom Plating, No. of Strakes ...2.....	12,5/11	12,5/10	12,5/11	/								
Bilge Plating, No. of Strakes ...1.....	11	14,5	10	/								
Side Plating, No. of Strakes ...1.....	11	14,5	10	/								
Upper Deck, Sheer-strake in Wells.....	1090	13,5	14	11	/							
Upper Deck, Sheer-strake in Bridge ...	-	-	-	-								
Strake below Sheer-strake in Wells.....	11	14,5	10	/								
Strake below Sheer-strake in Bridge ...	-	-	-	-								
Poop Side Plating.....			6,5	/								
Bridge Side Plating.....	-	-	-	-								
Forecastle Side Plating			7,5	/								

WATERTIGHT BULKHEADS.

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

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks					
"	" Second "					
"	" Third "					
"	" Holds fr... 52.....	10/6,5	100x75x7,5	750		
	(in Hold) fr... 80.....	9,5/6,5	125x75x8	750	610	Tank deck
COLLISION	" fr... 7.....	12/9	75x75x7	750	610	
AFTER PEAK	" fr... 2.....	12/6,5	75x8	750		

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar	Rolled	200x50		mm. pltg.
STEM	Rolled	76x38	halfround and 1	
	Cast	As per	Smedjebacken	
STERN X { Propeller Post	Appr. plan			
FRAME { Rudder head	Forged	147	Björneborg	
Speed of Vessel		11.3/4	knots	
RUDDER—Type	Streamline			
" A x D x 100		174		
" Diam. of head		147		
" Mainpiece at top pintle	-			
" " heel	-			
" how constructed	As per	approved plan		
" double or single plate	Double,	10 mm.		
" 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) Open Hearth Process
Collvilles, Domnarfvet, Steel Company of Scotland, Dorman Long & Co., Société Anonyme de la Fabrique de
Fer de Charleroi.

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

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

Number of Certificate.	Anchor.	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.			
34519	1st Bower	15	1	7	Stockless			16	16	2	7	16	Byers Improved	Not stated	LPH-IW 8.11.55. Vogan
34253	2nd "	15	0	1	"			16	12	0	21	14	" " type	" "	" " 15.4.55. "
	3rd "														
	Collective weight	30	1	8								30			
79198	Stream	5	0	4	1	1	3	7	9	2	21	5	Ordinary Pattern	Not stated	LPH-CH 10.10.55 Phillips

CHAIN CABLES.

HAWSERS AND WARPS.

[illegible]

Steering Gear, Type (Power or hand) Helsingborg, steam; rod and chain leads / Alternative Means of Steering Handsteering outside ^{deckhouse}

Steering Chains (Size and Test) 22 mm. - 9075 kg. ✓ Windlass Helsingborg, steam type A6 Boats 2 rowing, Class 1A

Ceiling in Holds, thickness and material 2" cement on tank top in fish rooms / Cargo Batts, thickness, material and spacing -

Cargo Hatchways.—(Upper Deck) Fishroom hatches, coamings 580/535 mm. above wood ^{deck} Thickness of Hatches 63 mm.

Highways No. 1 (Fwd.) 840 x 840 / No. 2 3000x1500 / No. 3 1500x1500 / No. 4 _____ No. 5 _____ No. 6 _____
(p. & s.)

Shifting Beams } _____ None
ore and Afters }

Builder's Signature.

Alfred Lagerlöf
Hans Lagerlöf

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel No
whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo No The positions in which oil is carried as fuel or cargo should
indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and the Board's letters. The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with, or by standards equivalent to, the Rule requirements. The plans of midship section and profile and decks showing the ship as built, are forwarded herewith, have been checked with the approved arrangements and found in order.

The quality of the workmanship is good. Tanks, decks and waterways, bulkheads and W.T. doors have been in accordance with the Society's Rules and Regulations and the steering arrangements and windlass have been under working conditions with satisfactory results.

cking date 4.56.

The amount of Entry Fee As. per scale	Kr. 2.880:-	} Fees applied for, <i>2/4</i> 1952
Less Special Rebate of 25%	" 720:-	
Special Survey Fee.....	£ : :	} Received by me,
Actual charge made	Kr. 2.160:-	
Travelling Expenses, if any	£Kr. 1.367:70	19

(Special notations, where part of class, to be stated.)
Steam Trawler, Strengthened for nav.in ice.

I am of opinion the Vessel should be Classed.....+100A1

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

Signature H. O. Chick
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to.....Stockholm Office.

Date of issue. 22.9.56

Committee's Minute

MONDAY 14 AUG 1956

Character assigned

+100A1 "Steam Trunk"

4.56 SKm

LACP

Str. Nav. Ice.

+ LMC 5.56

1 S.B. 220 lb. (Spt.)

CL

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Lloyd's Register
Foundation

0007 2/2

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.)

As built plans now forwarded:— Midship Section, Longitudinal Section and Plans.

Sister Vessels:—	Gävle Yard No. 85, "CHIRCHIK",	Skm. Report	9859
"	" " 86, "PELENG",	Skm. "	9944
"	" " 87, "KURS",	Skm. "	10098
"	" " 88, "VOLGA",	Skm. "	10242
"	" " 89, "VOLNA",	Skm. "	10293
"	" " 90, "TRAVERZ",	Skm. "	10395

Moulded length:— 180' - 5 3/8

depth:— 15' - 11"

breadth:— 30' - 6 1/8

Rise of floor:— 39 3/8" (at frame 48)

PARTICULARS OF ELECTRIC WELDING (if employed) Vessel of all welded construction.

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

+100A1, Strengthened for navigation in ice, Part electrically welded.

Gyr. Comp., Direction Finder, Echo Sounding Divise.

RADAR Equipment (State if fitted)

State Type or Pattern No.

State
Name } Maker
and/or
of } Supplier

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

1st Bower	Head 8.3.3. / AEG 9522	10.2.55	Shank forged.
2nd "	" 8.2.26. / AEG 9487	30.12.54	" "
3rd "			

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 39.0 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 — Extreme Breadth over Belting 30' - 7 1/4" Over-all Length 207,0 ft.
(Circ. 1811) (Circ. 1703)

No. and Material of Decks One steel deck, sheathed where exposed.

Parts of Bottom of Vessel coated with cement or approved composition Cement in all tanks, slushing oil in bilges.

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, Tank No. 4		20.1	Fore peak tank,		23.2
Double bottom, under Engines and Boilers, " " 3		21.0	After peak tank,		11.4
Double bottom, if under Engines only, " " 2		23.7	Deep tank, aft, forward		17.8
Double bottom, if under Boilers only, " " 1		12.8	Deep tank, forward,		23.2
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity		77,6	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 20

Date 21/2-55.

Dates of Surveys
held while building

1955. Sep. 28, 29. Oct. 5, 12, 26. Nov. 2, 10, 17, 24, 30. Dec. 6, 15, 20, 30.
1956. Jan. 4, 12, 17, 31. Feb. 9, 16, 23, 29. Mar. 7, 14, 22. April 24, May 4, 23,
June 1.

Total No. of Visits 29.