

1004206-004212-032

PILLARS AND DECKS.

		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any App	
PILLARS, No. of Rows		6	4	3/8	6 x 3 1/2 x 3/8				
Longitud. Chid. Stiff.		2-3	7	1	3/8				
in between Decks, Size and Spacing		4-5	8	4	7/16				
		6	9	4	9/16				
		7	9	4	9/16				
I 8-10		230 x 9-190 x 15	8.95 x 35-7.49 x 52						
in Holds		11	230 x 9-190 x 15	9 x 358-75 x 57					
		12	236 x 10-190 x 16	9 x 39-7.53 x 63					
		13-14	266 x 10.5-210 x 16	10.5 x 41-8.25 x 62					
Centre Line Bulkhead.									
Stiffeners and Spacing									
Plating, thickness of		.40	.39	.37					
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells		85"	.80						
" " " " in way of Bridge		ends	.92						
" " " " 2 prop fronts.									
" Angle in Wells		E.W. to Shell							
Thickness of Plating abreast Deck openings } in way of Wells		.72							
Thickness of Plating abreast Deck openings } in way of Bridge		✓							
Thickness of Plating within line of openings...		.72							
If Sheathed, material and thickness.....									
Second Deck. aft.									
Stringer Plate, breadth and thickness in Wells		36-40							
Stringer Plate, breadth and thickness in way of Bridge									
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.....									
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.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.					
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.	
Flat Plate Keel.....	2040 2040	Inches. .96	Inches. .92	Inches. .83			Inches.	Inches.		Inches.	Inches.		
„ Dblg. (if any)													
Bottom Plating, No. of Strakes3.....		.72	1.00	.54-.52									
Bilge Plating, No. of Strakes1.....		.82-.73	.78	✓									
Side Plating, No. of Strakes3.....		.66	1.00	.50									
Upper Deck, Sheer- strake in Wells.....	2190	.97	.56	.50									
Upper Deck, Sheer- strake in Bridge ends <i>and poop front</i>		1.10	✓	✓									
Strake below Sheer- strake in Wells.....	2350	.66	.92	.50									
Strake below Sheer- strake in Bridge ...													
Poop Side Plating.....			.48-.42										
Bridge Side Plating.....		.44											
Forecastle Side Plating			.44										

Seams and butts are built-welded.
Angle of rise about 50° ✓

WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS <i>Inches & mm</i>			
			VERTICAL.		HORIZONTAL. L	
			Scantlings.	Spacing.	Scantlings.	Spacing.
Center Tanks.		✓✓	3 mls.	✓	3 1/2 x 5 x 9/16	
MIDSHIP BULKH'D, Upper 'tween deck		34-51	As approved.	✓	4 x 9 x 9/16	Alt.
Side Tanks.		✓✓	1 mls.		3 1/2 x 5 x 9/16	
Second		34-51	As approved.	✓	4 x 9 x 9/16	780
Third						
Hold		29-51	90 x 200 x 12	✓	800	Peak tanktop.
COLLISION						Deck tanktop.
(in Hold)						Stringer.
AFTER PEAK		30-72	75 x 130 x 8	✓	800	main seat.
						Alt. 700

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
KEEL, Bar		that plate keel.		
STEM		Plate as above.		
STEM	Propeller Post	Cast as per A. S. Metals		
FRAME	Rudder	steel plate. Vinkstad.		
		Torg. 270 ϕ	"	"
Speed of Vessel		15 knots.		
RUDDER—Type		Simplex Balance.		
"	A \times D. \times 100	1262 in ³		
"	Diam. of head	Torg. 300 ϕ	A. S. Metals	
"	Mainpiece at top pintle	Vinkstad.		
"	heel			
"	how constructed			
"	double or single plate	59		
"	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*
Annota Ironworks A. B., Annota, The Phoenix Iron Co., Phoenixville, Pa.,
Northampton Steel Co.
Has the Steel been tested as required by the Rules? *Yes!*

Масштаб. Континент No. 345 "VENUS". 004206-004212-0132 2/3

PARTICULARS OF LONGITUDINAL FRAMING.

004206-004212-0132 2/3

Welding & Spacing of Welds.

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

A = Ast in way of \odot . R. F = Fore in way of deep tank & dry cargo hold.

page. Lloyd's Register
ke & dm cargo hold.

EQUIPMENT No. 52603.											LETTER f +		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.				
477	1st Bower	87	0	21				62	5	0	0	85 5/6	Bygones improved	W.L. Bygones & Son	4.4.49 Stockholm
201	2nd "	86	0	0				61	10	0	0	85 5/6	Bygones cast steel	Co. Ltd.	" 2.5.49 "
2662	3rd "	85	2	0				61	10	0	0	85 5/6	Bygones		" 23.5.49 "
	Collective weight	258	2	21								257 1/2			
53445	Stream	27	2	0	7	0	19	26	15	0	0	26 1/2	Bygones type	" "	" 3.3.49 "

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.	Diam.					Length.	Cir.		Length.	Cir.
2488	550.4	57			43.300	52.580	550	66.5			Spec. steel cable link	Bygones	Bygones	Towline	130	5 1/2	85.6	130	5 1/2
		2 1/4									link	Bygones	Bygones	Hawsers & Warps	4.100	3 1/2	27.1	4.100	2 3/4
Iron Stream	120	5					120	5											
Steel Wire																			

Gear, Type (Power or hand) *Electric, Area.* Alternative Means of Steering *Electric, Area.*

Chains (Size and Test) *None* Windlass *Steam, Helsingborg* Boats *4 (2 ord. + 2 motor)*

my cargo in Holds, thickness and material *None* Cargo Battens, thickness, material and spacing *None*

Hatchways. (Upper Deck) *None* Thickness of Hatches *None*

Hatchways *None* No. 1 (Fwd.) *3430 x 3380* No. 2 *1500 x 1070* No. 3 *1500 x 1070* No. 4 *1500 x 1070* No. 5 *1500 x 1070* No. 6 *1500 x 1070*

of Shifting Beams } *None*

Fore and Afters }

Builder's Signature

KOCKUMS
MEKANISKA VERKSTADS AB

Sten Stenlund

Motor tanker

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 *Motor tanker*
whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *✓* 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).

*vessel has been built in conformity with the Society's Rules & Regulations and
vessel's letter. The scantlings & arrangements are in accordance with, or
sent to, those shown on the approved plans. The materials & workmanship are good.
go oil tanks, cofferdams, oil fuel bunkers & daily oil fuel tanks, deep tank fuel,
compartments in double bottom under motor space, the peak tanks and the
water tanks aft have been tested by water pressure as required by the Rules.
decks & watertight bulkheads, clear of tanks & cofferdams, have been hose-tested.
board markings have been verified and cut in on the vessel's sides.*

*the steering gear & windlass tested under working conditions with satisfactory results.
(The vessel undocked on the 15th October, 1949).*

Onboard
The amount of ~~Entry~~ Fee *Rs. 720* Fees applied for, *28-10-49*
Special Survey Fee *Rs. 24890*
Surveyor's Fee *Rs. 200*
Travelling Expenses, if any *Rs. 200*

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

Certificate to be sent to *Surveyor's Office, Mumbai* Date of issue *23/1/50*

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed *100A1*
Carrying Petroleum in bulk

Signature *Nik Stenlund*
Surveyor to Lloyd's Register of Shipping

Committee's Minute

Character assigned *+ 100A1 Carrying Petroleum in bulk*
10.49 Memo. *Strengthened for Navigation in ice*
days ATCP
+ LMC 10.49, Oil Eng.
20.180 lb *CL*

440 teller
White (M)
Notes for XSR



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Lloyd's Register
Foundation

004206-004212-0132 3/3

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.)

No Sister Vessel.

Plans of the vessel as built, 3 in number, i.e. Midships Section, Profile and Plans & O.T. Bulkheads, centre girder, wash bldg. are forwarded under reg. cover, also the following approved plans:—

Approved for M/T 305 & 345	1. After Peak, Sections and Plans.	214/25-Q.
	2. Fore Peak and Collision Bulkhead.	214/28-Q.
	3. Fore and Aft sections and deep tanks.	214/27-Q.
	4. After and sections.	214/32-Q.
	5. Arrangement of Pumprooms at fr. 52-53.	214/57-Q.
	6. Oil fuel bunker.	214/89-Q.
	7. Arr. of Longitudinals in Cargo oil tanks.	214/83-Q.
	8. " " Cross bunker.	214/83-Q.
	9. Long. & Transv. Bulkheads in tanks no. 10.	214/81-Q.
	10. Platform in motorroom between fr. 26-38.	214/81-Q.
	11. Gaslight hatch to dry cargo hold.	214/72-Q.
	12. O.T. Hatch.	214/71-Q.
Approved for M/T 345 only	13. Midships Section.	214/1-A.
	14. Profile and Plans.	214/2-A.
	15. O.T. Bulkheads, centre girder, wash bulkheads.	214/7-A.
	16. Shell expansion.	214/15-A.
	17. Stern frame	214/10-A.
	18. Rudder and rudder stock (2)	214/9I-A, 214/9II-K.
	19. Transverse in side tanks.	214/12-A.
	20. Strengthening for ice navigation.	214/S-128.
	21. Bridge deck with bldg, mls, bulwarks & Gyro Room.	214/43-A.
	22. Boiler seats.	214/S-22-A.

The plans of Double Bottom 214/13 V. & 214/13 V-I will be forwarded you together with the First Entry Report on Messrs. Rocknells' M/T 325.

PARTICULARS OF ELECTRIC WELDING (if employed) Seams and butts of shell, deck, stringer, tanktop and bulkhead plating are butt-welded. Angle of weld abt. 50°. All remaining connections as per approved plans.

Electrodes:—OK 47, OK 50, OK 52, Z 2, Z 5, Z 12, OK Rapid, Seamex.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. Longitudinal framing. Electrically welded. Curious stern. Mchng. aft. Carrying Petroleum in bulk. Strengthened for navigation in ice. D.F. E.S.D. G.Y.C.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	Head 50-1-0 J.H.J. 10309 3-11-48. Forged Steel Shank.
	2nd "	" 49-2-10 A.E.G. 9956 27-1-48. " " "
	3rd "	" 47-3-19 A.E.G. 708 26-11-48. " " "
	Stream: Forged Open Heart Iron Cast Steel.	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 95 ft., R.Q.D. ✓ ft., Bridge 39 ft., Forecastle 67 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. ✓
Official No. 9106 Signal Letters S D R A Extreme Breadth over Belting (Circ. 1611) Over-all Length 533.3' (Circ. 1703)
No. and Material of Decks 1 Dk. 2nd dk. clear of cargo tanks.
Parts of Bottom of Vessel coated with cement or approved composition. Cement in peaks and fresh water tanks above A.P.T. also at mid aft and aft of R.
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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		122
Double bottom, under Engines and Boilers,			After peak tank,		170
Double bottom, if under Engines only,	75	151	Deep tank, aft, Cross bunker	9	484
Double bottom, if under Boilers only,			Deep tank, forward,	34	604
Double bottom, forward,			Other tanks, if fitted, F.W. above A.P.T.		133
Total length (if continuous) and Capacity.	75	151	(If necessary furnish further information by sketch.)		

Calor engine: Lubr. oil tanks: 32 m³.

Order for Special Survey No. 170
Date 31st Aug. 1948
Dates of Surveys held while building
From 11th February to 18th October, 1949