

Date of completion of report

10<sup>th</sup> October, 1941.

Part I

Survey held at

Maharr

Date First Survey

30<sup>th</sup> Sept, 1940

Last Survey

7<sup>th</sup> Oct, 1941

On the (Name of ship)

Single Screw Motor Tanker "Saharabohra"

State Type

Sull. beamling

State Type of Erections

Maharr

TONNAGE (under Tonnage Deck)

9988.00

CLASS 100A1

Scale of with freeboard as condition of Class

No.

Built at

Maharr

Do. of ship in (Name of ship)

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

L 480.0

Breadth (greatest moulded)

B 66.0

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

D 37.25

1st Longitudinal Number (L x D)

= 17880.0

2nd Numeral L x (B + D)

= 49560.0

REDUCED DIMENSIONS.

Length

503.46

Breadth

66.14

Depth

38.89

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

38.5

Proportions—Depth to Length—Uppermost continuous deck to top of keel

480 12.47

Brought Moulded

99-9.45

Launched

19<sup>th</sup> May, 1941

Builders

Kankar M. K. U. A. S.

Owners

Maharr Singh M. A. S.

Managers

J. K. Maharr

Residence

Maharr

Port of Registry

Maharr

If surveyed while building, afloat, or in dry dock

Yes.

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	Longitudinal		<b>Bracket Floors, Frame</b>		
from 1/2 length amidships to Collision bulkhead	Transverse		Reversed Frame		
in peaks	8.10		Vertical Struts	12.54	
Imp. tank side	6.85		<b>Centre Girder, depth and thickness amidships</b>	18.50	
<b>SIDE FRAMING.</b>			top Angles	6.14	
Frame Amidships, Angle, [ or [	Longitudinal		bottom Angles	6.14	
Extends up to	Longitudinal		<b>Side Girders, No. each side and thickness</b>	2	44-75
<b>Reversed Frame Amidships, Angle</b>			<b>Margin Plate depth (excl. of flange) and thickness</b>		
Extends up to			Vertical Angle to Tank side		
<b>Depth of Framing Girder</b>			Bracket abt 1/2 len. from stem		
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or [</b>			Vertical Angle to Tank side		
Second 'tween Decks, Angle, [ or [			Bracket from forward 1/2 len. from stem to Panting Area		
Third			Gussets, spacing and scantling abt 1/2 len. from stem		
from 1/2 len. for'd. to 15% len. from Stem			Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area		
in Peaks, Angle or [			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships			<b>INNER BOTTOM PLATING.</b>		
State if Frame Joggled			Breadth and Thickness of Middle Line Strake	20.40	57
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	up per app. plans		Thickness of remainder in Holds	57	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	up per app. plans		Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room	Yes.	
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
Floors, Depth and thickness at mid-line in Holds			<b>Uppermost Continuous Deck, amidships in Wells, Angle, [ or [</b>		
Height of Brackets at side above base line at toe of frame			in way of Bridge, Angle, [ or [		
<b>Middle Line Keelson, on Floors, Angles, [ or [</b>			Spacing		
Through Frame or Intercostal Plate	up per app. plans		<b>Second Deck, amidships, Angle, [ or [</b>		
Foundation Plate on Floors			Spacing		
Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, [ or [</b>		
<b>Side Keelsons, No. each side</b>			Spacing		
thickness of Intercostal Plate			<b>Fourth Deck, amidships, Angle, [ or [</b>		
Angles			Spacing		
<b>DOUBLE BOTTOM.</b>			<b>Peep Deck, Angle, [ or [</b>		
Solid Floors, thickness and spacing	43, 44, 54 890		Spacing		
Are Frame and Reversed Frame joggled?	Yes to W. S. S.		<b>Bridge Deck, Angle, [ or [</b>		
<b>Bracket Floors, breadth and thickness at mid-line</b>			Spacing		
breadth from base line at			<b>Forecastle Deck, Angle, [ or [</b>		







EQUIPMENT 10 51%68										ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, LBS. STONE.			WEIGHT OF SLOTT.			TEST, AND, C.W. STONE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
461	1st Bower ...	24	0	6				61	0	0	Ball Patent	Anchor Works, Glasgow	21.6.40 P.K.
462	2nd " ...	12	2	20				60	0	0	"	"	21.6.40
463	3rd " ...	14	0	1				61	0	0	"	"	21.6.40
	Collective weight.	250	2	27				244.5			"	"	21.6.40
464	Stream .....	26	1	5	6	2	9	25	0	14	"	"	21.6.40

CHAIN CABLES.										HAWSEERS 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.	Statutory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Fathoms.	Ins.	Fathoms.	Ins.
669	300	2 1/4			88162	929	370	2 1/4	11/16"	"Taco"	Dec. 2.40 9.9	TOWLINE...	130	5 1/2	22.2	100	5 1/2		
												HAWSEERS & WARPS	4-100	3 1/2	26.9	4-100	3 1/2		
Iron Stream Chain or Steel Wire	120	5		73.2			120	4 3/4											

Steering Gear, Type (Power or hand) *Electric. Th. B. Bridge. Manual. Alternative Means of Steering* *Hand. Th. B. Bridge*

Steering Chains (Size and Test) *Windlass* *Thomson & Co. 100 lbs. 4.0.* *Boats* *4 life boats*

Ceiling in Holds, thickness and material *Cargo Battens, thickness, material and spacing* *1 1/2"* *1 1/2"*

Cargo Hatchways. (Upper Deck) *Thickness of Hatchways* *1 1/2"* *1 1/2"*

Size of Hatchways No. 1 (Fwd.) *11'-3" x 11'-0"* No. 2 *5'-0" x 3'-0"* No. 3 *3'-0" x 3'-0"* No. 4 *3'-0" x 3'-0"* No. 5 *3'-0" x 3'-0"* No. 6 *3'-0" x 3'-0"*

Number of Shifting Beams and/or Fore and Afters *None*

Builder's Signature **KOCKUMS**  
HEKONGSKA VERSTADEN AKTIESELSKAB

GENERAL 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 *It is not a motorship.*

(b) 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 be indicated, together with the flash point (where required to be inserted in the Notation).

*This vessel has been built under special survey in accordance with approved plans and all the Rules requirements, as far as applicable, have been complied with. The workmanship and the materials are both good.*

*Electrodes complying with the requirements of Section 4, clause 1 to 9 of the Rules for electric welding have been used for all joints welded.*

*All cargo oil tanks, cofferdams, oil fuel bunkers and dirty oil fuel tanks, deep tanks forward, all compartments in double bottom under motor space, the peak tanks and the fresh water tanks aft have been tested as required by the Rules.*

*The decks and watertight bulkheads, class of tanks and cofferdams, have been tested by water pressure and found tight.*

*Engines and castings as per reports enclosed.*

The amount of Entry Fee ..... £Ks. : 228.00  
Special Survey Fee ..... £Ks. 12,908.60  
Overboard  
Boselling Expenses, if any £Ks. : 450.00

Fees applied for,  
110<sup>th</sup> Oct. 1941  
Received by me,  
19

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

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

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

Signature *W. J. Wilson*  
Surveyor to Lloyd's Register of Shipping.

*Attn* Certificate to be sent to *Imm. Office, 11/11/41* Date of issue *25/11/41*

FRI. 7 NOV 1941

Committee's Minute

Character assigned

*100A1*  
*Carrying petroleum in bulk*  
*Elec. Weld.*  
*Oil Eng.*  
*Lloyd's arch.*  
*200. - 180. 40*

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Lloyd's Register  
Foundation

0108 3/5



*Ketchikan "Tahiti" "Tahiti" "Tahiti"*  
PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Longitudinal Frames.	RIVETING.		Rivets in Br to Bulkheads.
	In Ship.			In Ship.				Spacing of Rivets on each side of Transverses and Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Spang.	
of L, E, T, ...										
in Bridge 'tween Decks ...	150	90	10	165	75	45	P & F			
from Uppermost Continuous	90	90	9	150	75	45	P & F			
No. 1	90	90	9	180	90	45	A			
835	200	90	9	180	90	45	A			
" 2	200	90	9	170	90	45	A			
" 3	200	90	9	170	90	45	A			
" 4	225	90	12	170	90	45	A			
" 5	250	90	12.5	180	90	45	A			
" 6	250	90	14	170	90	45	A			
" 7	9x35-7.5x52			200	90	45	A			
" 8	9x36-7.5x57			200	90	45	A			
" 9	9x36-7.5x57			225	90	45	A			
780	9x36-7.5x57			225	90	45	A			
" 10	9x36-7.5x57			225	90	45	A			
" 11	9x36-7.5x57			225	90	45	A			
" 12	9x36-7.5x57			225	90	45	A			
" 13	10.5x41-8.25x62			225	90	45	A			
825-	11.94x43-8.18x66			225	90	45	A			
875	11.94x43-8.98x66			225	90	45	A			
898	13x50-10x80			225	90	45	A			
Amidships	See above			225	90	45	A			
At Ends	See above			225	90	45	A			
Tank Top Longitudinals				170	90	10	I			
Bottom				150	90	10	I			
Longitudinals				838						
Transverses.										
Depth and Thickness	500-650x40			455x38			P&F			
Face Angles	75 deg.			75 deg.			P & F			
Lugs to Shell	6-10			6-10			P & F			
Depth and Thickness	450-600x40-40			610-760x40			A			
Face Angles	150x10-150x12			760x44			A			
Lugs to Shell	6-7			90 deg.			A			
Depth and Thickness	1300x52			840x50			A			
Face Angles	1300x48			900x48			A			
Lugs to Shell	6-7			280x14			A			
Back Bars	150x15			200x31			F			
Brackets	6-7			6-8			A			
Transverse Frames	9380			9380			A			
Bridge Deck	170	65	8.5	135	75	8	A			
Upper	250	90	11	140	75	9	F			
Second				150	75	9	A			
Third				130	65	8	A			

The particulars of framing in posts (if ordinary), floors, centre girders, side girders and margin plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

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

A = All in way of L.R. (Turned) #34. F = All in way of drop lugs & dry cargo hold frames #73.



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GENERAL REMARKS: (The Surveyor should not be asked to certify that the vessel is fit to be forwarded and a List of the Plans should be enclosed.)

Plans of the vessel as built, 3 in number, i.e. Midship section, Dittight  
centerline, Profile and Plans were forwarded with the 1st Survey Report on the  
vessel named "M. Mahriöhm".  
Plans are list of approved plans forwarded.

PARTICULARS OF ELECTRIC WELDING (if employed) *Seams and butts of shell, deck, stringers, tanks top  
and bulkhead are long are into welded. Angle of iron about fifty degrees.  
All other connections as per approved plans.  
Electrodes: "OK 52P" and some "ZE"*

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book *Longitudinal framing  
internally welded. Crosser struts*

Particulars of Drop Test of Cast Steel Anchors, viz. — Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	51.8.10 PK 973 29-3-40	26.2.5 PK 974 3-5-40
	2nd "	50.0.4 PK 975 10-5-40	26.2.24 PK 976 3-5-40
	3rd "	50.2.13 PK 977 24-5-40	27.1.26 PK 978 17-5-40
	4th "	24.2.22 PK 979 31-5-40	

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 95.1 ft., R.Q.D. ft., Bridge 37.2 ft., Forecastle 64.0 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the R.D., this should be distinctly stated  
Official No. 8489. Signal Letters SEMT. Extreme Breadth over Belting (Circ. 1811) Over-all Length (Circ. 1703) 513.0  
No. and Material of Decks 1st, 2nd and 3rd deck of cargo tanks  
Parts of Bottom of Vessel coated with cement or approved composition *Park tanks and mill at after end of C.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. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft.			Fore peak tank,	24	155
Double bottom, under Engines and Boilers,			After peak tank	18	155
Double bottom, if under Engines only,	7 73.26	189	Deep tank, aft. <i>None fitted</i>	8.86	48.1
Double bottom, if under Boilers only,	24	24	Deep tank, forward.	36	220
Double bottom, forward,			Other tanks, if fitted, <i>S.W. tanks above A.P.</i>		156
Total length (if continuous) and Capacity	77.26	213	(If necessary, furnish further information by sketch.)		