

# Awning or Shelter Deck, or Pt. Awning Deck.

# STEEL STEAMER.

No. 14138

Port of HAMBURG Date of completion of Report 20 June 1914 Received at London Office MUN. JUN. 15. 1914  
Survey held at Kiel Date, First Survey 4 July 1913 Last Survey 8 June 1914  
On the single screw steamer "TROSTBURG" Rig Schooner

**TONNAGE under Tonnage Deck...**  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 5814.5  
**Total under Upper Dk.**  
Do. of Poop  
Do. of R. Qr. Dk.  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Deck  
Do. of excess of Hatchways  
Do. above Crown of Engine Room  
**Gross Tonnage** 6342.3  
Less Crew Space  
Less above Crown of Engine Room  
**TONNAGE FOR FEES...** 6343.0  
Less Engine Room  
Less Navigation Spaces  
**Register Tonnage** 3944  
as cut on Beam...

**CLASS 100A1 SHELTER Dk**  
**Breadth** (greatest moulded) 61.10  
**Depth**, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 25.35  
**Deduct** height of 'tween deck when this does not exceed 8ft 2.00  
**Transverse Number** 2410  
**Length on deck** from fore part of stem to after part of sternpost 143.25  
**Longitudinal Number** 12049  
**Depth "d"** at middle of length. See Secs. 2 & 13 7.39  
**Proportions, Depth to Length, Uppermost Continuous Deck** at side to top of keel 12.35  
" " Upper Deck at side to top of keel 16.75

Master "Fr. Goosmann"  
Year of Appointment June 1914  
Built at Kiel  
When built 1913-14 Launched 25 April 1914  
By whom built Howaldtswerke  
Owners Deutsche Dampfschiffahrts Gesellschaft  
Managers "Hansa"  
Residence Bremen  
Port belonging to Bremen

Destined Voyage Buenos Aires If Surveyed while Building, Afloat, or in Dry Dock yes

LENGTH ON Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
<u>440</u>	<u>0</u>		<u>61</u>	<u>10</u>		<u>25.35</u>	Upper Deck	<u>35</u>	<u>5</u>	<u>15</u>	<u>3</u>

FRAMING.						PILLARS.					
FRAME, Angles	in Ship	in Ship	in Ship	in Ship	in Ship	PILLARS, In 'tween Deck, size and spacing	in Ship	in Ship	in Ship	in Ship	in Ship
Do. in peaks	240	90	14	240	90	" " Hold	150	90	12	150	90
Do. in way of Double Bottoms at Solid Floors	190	90	11 1/2	90	90	" " Quarter, 'tween Dks., "	150	90	12	150	90
" " " at intermdt. Bkts	220	85	11	220	85	" " in Hold	150	90	12	150	90
Spacing of Frames from centre to centre amidships	400			400							
" length to collision bulkhead	610			610							
" of Frames from centre to centre in peaks	100	90	11	100	90						
REVERSED FRAME, Angles	190	90	11 1/2	90	90						
Do. in way of Double bottoms at Solid Floors	200	85	10 1/2	200	85						
" " " at intermdt. Bkts	240			240							
FRAMING, depth of girder	240			240							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	5	11 1/2		5	11 1/2						
" in way of Engine and Boiler spaces	10			10							
" thickness at the ends of vessel	2010			2010							
" depth at 1/2 the half-bdth. as per Rule	1193	11		1193	11						
" height extended at the Bilges	193	14 1/2		193	14 1/2						
FLOORS & BRACKETS, in Cell Dble Bottoms	90	90	14	90	90						
" " state if flanged (top & bottom)	130	130	16	130	130						
" " spacing	190	90	11 1/2	90	90						
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	30	10 1/2		30	10 1/2						
" " Angles, Top	90	90	11 1/2	90	90						
" " " Bottom	100	100	13 1/2	100	100						
" " " to Floors	90	90	11 1/2	90	90						
SIDE GIRDERS, number and thickness	90	90	11 1/2	90	90						
" " state if flanged (top & bottom)	1200	13 1/2		1190	13 1/2						
" " Angles	100	100	13 1/2	100	100						
MARGIN PLATE, depth (exclusive of flange) and thickness	90	90	11 1/2	90	90						
" " Angles to outside plating	90	90	11 1/2	90	90						
" " to floors	940			940							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	120	13 1/2		1190	13 1/2						
" " thickness in Engine and Boiler space	100	100	13 1/2	100	100						
" " Remainder in Holds	90	90	11 1/2	90	90						
BEAMS, Upper Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	220	95	12	220	95						
" " Angles on upper edge	400			400							
" " Spacing	230	90	12	230	90						
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	230	90	12	230	90						
" " Angles on upper edge	400			400							
" " Spacing	230	90	12	230	90						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	230	90	12	230	90						
" " Angles on upper edge	400			400							
" " Spacing	230	90	12	230	90						
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	230	90	12	230	90						
" " Angles on upper edge	400			400							
" " Spacing	230	90	12	230	90						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	230	90	12	230	90						
" " Angles on upper edge	400			400							
" " Spacing	230	90	12	230	90						



WEB FRAMES.		in Ship.	in Ship.	per Rule.	per Rule.
WEB-FRAMES, In Fore Body, No. and spacing					
brdth. & thickness					
No. of Side Stringers		2	2		
WEB-FRAMES, In E. & B. Space, No. & spacing		2	2		
brdth. & thickness		762 x 16	762 x 16		
WEB-FRAMES, In After Body, No. and spacing					
brdth. & thickness		762	762	73	73
No. of Side Stringers		2	2		
Size of Face Angles to Web-Frames.....		195°	195°	195°	195°
BRACKET PLATES to Stringers between		on 2nd Frames			
Web Frames, depth and thickness.....		750	750	12	12

BULKHEADS.	Number.	Vessel.	Per Rule.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up.
					Horizontal.	Vertical.	Horizontal.	Vertical.		
W.T. BULKHEADS	1	1	1	11.6 7.5	190 x 75 x 11.6	100 x 230 x 70 x 24	600	Single	Up to deck	
	1	1	1	9.5 7.5		250 x 90	760	"	"	
	3	3	3	8.5 6.5		250 x 90	760	"	"	
	1	1	1	9.5 7.5		250 x 90	760	"	"	
	1	1	1	11.6 7.5	230 x 90 x 11.6	1200	230 x 90 x 11.6	610	Sheet	
COLLISION										
LONGITUDINAL										

Are the outside Plates doubled two spaces of Frames in length? *yes*

Are the Sluice Valves and Watertight Doors in efficient working order? *yes*

FORGINGS or CASTINGS.		in Ship.	per Rule.
KEEL, Bar, depth and thickness		Red plate Steel	
STEM, moulding and thickness		249 x 73	249 x 73
STERN-POST for Rudder do. do.		241 x 216	241 x 216
for Propeller		249 x 216	249 x 216
RUDDER—A x D* Table 22. Speed		1992	1992
Main-Piece, diameter at head		280	280
at heel		230	230

RUDDER, how constructed	
single plate bolted coupling Hayed arms	
Thickness of Plates or Single Plate	28 7/8
Can the Rudder be unshipped afloat?	yes

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.: *Open Hearth: Plates, Eisenhutte Holstein, Gutehoffnungshutte, Rheinische Stahlwerke, Anglo-Suisse, Phoenix, Barmb., Erich, Rheinische Stahlwerke, Danische Haeuser, Gutehoffnungshutte, Chauxville, Phoenix, Hollow pillars, Balle's Fellingring & Co.*

Has the Steel been tested as required by the Rules? *yes*

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or Joggled?				BUTTS.						
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	Rivets.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to cr.					Diam.	Spacing or to cr.	Breadth.	Thickness.	
FLAT PLATE KEEL.....	1245	29	20 1/2	20 1/2	1245	29	double	190	29	116	treble	29	100	530	19 1/2	355	Quadr
GARBOARD or A Strake	1600	18	18	13	1600	18	"	150	25	100	quad	25	100	"	"	"	lapped for 3/5
State actual thickness in way of Double Bottom.							"	150	"	"	"	"	"	"	"	"	Length 1/5
B	1750	18	18	13	1750	18	"	150	"	"	"	"	"	"	"	"	treble
C	1750	18	18	13	1750	18	"	150	"	"	"	"	"	"	"	"	lapped
D	1750	18	13	13	1750	18	"	150	"	"	"	"	"	"	"	"	at
E	1600	18	13	13	1600	18	"	150	"	"	"	"	"	"	"	"	Butts
F	1900	18	13	13	1900	18	"	150	"	"	"	"	"	"	"	"	"
G	1900	18	14 1/2	13	1900	18	"	150	"	"	"	"	"	"	"	"	"
H	1900	18	14 1/2	13	1900	18	"	150	"	"	"	"	"	"	"	"	"
J	1900	18	14 1/2	13	1900	18	"	150	"	"	"	"	"	"	"	"	"
K	1750	18	12	12	1750	18	"	150	"	"	"	"	"	"	"	"	"
Upper Deck	L	1800	18	12	12	1800	18	"	190	29	116	"	"	"	"	"	"
Shelter Deck	M	1245	25	12 1/2	12 1/2	1245	25	"	"	"	"	treble	29	100	530	19 1/2	double
N	1245	25	12 1/2	12 1/2	1245	25	"	"	"	"	"	"	"	"	"	"	"
O	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
P	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Q	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
R	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
S	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
T	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
U	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
W	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
THICKNESS OF STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
DELG. of Flat Plate Keel	1100	21	for 15.4 m	at Short Bridge	1100	21	"	"	"	"	"	"	"	"	"	"	"
" Sheerstrakes	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Length and thickness.	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
POOP SIDES	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
SHORT BRIDGE SIDES	"	"	11	"	"	11	"	single	65	19	49	double	19	45	"	125	1/2
FORECASTLE SIDES	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"

Butts, *Quad* riveted for *half* length amidship.

Shelter Deck Stringer Plate Straps, *none* overlapped for *whole* length amidship.

Upper Deck Stringer Plate Butts, *treble* riveted for *full* length amidship.

Straps, *none* overlapped for *full* length amidship.

Forecastle built double lapped. Deck plating built double lapped 2 L.

Butts of Side Stringers *treble* riveted.

Tie Plates *treble* riveted.

Inner Bottom Plating, riveting of Edges *double angle butts double*

Centre Girder Butts, *treble* riveted Keelson Butts, *treble* riveted.

Frames, riveted through Plates with 25 7/8 in. Rivets, about 135 7/8 apart.

Rivets, state whether *iron* Steel of best mild quality.

FRAMES extend in one length from *Yankside & Centre* to *Upper & Shelter decks* State if ordinary or joggled *ordinary*

REVERSED FRAMES on floors and frames extend from *in double bottom only* State if ordinary or joggled *ordinary*

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Round.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	Steel	62 1/2 (1250)	26 1/2 x 60	26 1/2 x 56	28 x 48	4 1/2 x 20	2	2	2	2
	Main	"	"	"	"	"	"	"	"	"	"
	Mizen	"	"	"	"	"	"	"	"	"	"
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails.	a complete										

Suit of *stay & staysails* Sails, and the following spare sails *none*

Write "Aiming or Shelter Deck" or "Shelter Strake" opposite its corresponding letter.

Form No. 113.

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Lloyd's Register Foundation



EQUIPMENT No. 46700 LETTER dt										ANCHORS.									
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.					
42342	1st Bower	49	2	0	58	6	1	0	58	6	1	0	0	0	Taylor Quadrant	Taylor	Yipton 6 May 1914		
42344	2nd "	49	0	0	"	"	"	58	2	2	0	0	0	0	all forged	"	"	7 May 1914	
42343	3rd "	48	1	0	"	"	"	57	12	2	0	0	0	0	ditto	"	"	7 May 1914	
	Collective weight	236	3	0	"	"	"	"	"	"	"	232	0	0				C.E. Perinus Supdt	
42334	Stream	24	0	14	6	1	0	23	19	2	21	28	2	0	Explosive	Taylor	Yipton 5 May 1914		
42333	Kedge	11	0	7	2	3	9	12	19	2	0	11	0	0	"	"	"	C.E. Perinus Supdt	

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.		Length.	Cir.
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.		
14443	300	2 1/2	112 1/2	157 1/2	958.14	940.00	300	2 1/2	Steel	Taylor	board off 29 April 14	TOWLINE	130	5 1/2	88.0	130	5 1/2		
	90	1 1/2	43.7	61.7	144.3.0	"	"	"	"	Taylor	"	HAWSERS & WARPS	200	2 1/2	18.2	200	2 1/2		
	120	1 3/4	"	65 1/2	"	"	120	1 3/4	"	"	"	"	"	"	"	"	"		

is 2 hps 26" x 8" x 3.3 lbs 22.0 x 6.6 x 2.6 lbs 18.0 x 6.0 x 2.6 Steering Gear, Steam *Doukins* Steering Gear, Hand *yes*  
 ps, Number *disposed with as per Secretary letter E 29/1/14* Diameter of Barrel *"* State whether they are in efficient working order *"*  
 Class is *of Blake Chapman type for steam* Capstan *none*  
 ne Room Skylights.—How constructed *Steel on top of 8 ft high* What arrangements for deadlights in bad weather? *covers*  
 Bunker Openings.—How constructed? *Steel round corners* How are lids secured? *solid, wood battens* Height above deck? *30" above bridge*  
 ber of Scuppers, and numbers and dimensions of Freeing Ports, &c. in *Shell and well 1 Scupper, 2 Freeing ports 1.8 x 2.55 x 1.55,*  
 ng in Holds, thickness and material *at Bilgen only 2 1/2 pine* Cargo Battens, thickness and material *6 x 2 pine*  
 Hatchways.—How formed? *Steel coamings round corners* Hatches, If strong and efficient? *yes*  
 size No. 1 Hatch (Forward) *24' 6" x 16' 0"* No. 2 Hatch *34' 5" x 18' 0"* No. 3 Hatch *20' 8" x 16' 6"* No. 4 Hatch *26' 6" x 16' 0"*  
 ber of Web Plates, *Shifting Beams and Fenders* to each Hatch *No 1 4:5 No 2 2:5 each 6 No 3 1:6 each 3 Web plates*  
 plates *without fore and afters are fitted* No. of Breasthooks *5* No. of Crutches *Steel decks*  
 rks, height above deck and description *1/2 Midship length, on Shell and 48" x 32"* Main Rail and Stays, material and size *180 x 63, Stays 180 x 9 1/2*  
 foregoing is a correct description  
 er's Signature (here only) *HOWALDTSWERKE* Surveyor's Signature *Ces. Dykes* *L. Priess*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

espondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *M. 28 March 1884 and April, 15<sup>th</sup> May, 6 June, 14 August, 11 September, 13 September, 25 November, 23 December 1913 and E 29 January 1914*  
 kmanship. Are the butts of plating planed or otherwise fitted?  
 riveted work properly closed? *yes*  
 the liners between the frames and plates solid single pieces? *solid* Do the holes for riveting plate to frames, butt straps, or plate  
 to plate, &c., conform well to each other? *yes* Are the rivet holes well and sufficiently countersunk in the plate and punched  
 from the faying surfaces? *yes* Do any rivets break into or through the seams or butts of the plating? *a few*  
 the butts of Plating, Stringers, &c., properly shifted and strapped? *yes*  
 all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *yes* State results of tests *found tight*  
 all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *yes* State results of tests *found tight*  
 eral Remarks (State quality of workmanship, &c.) *This steel screw Shell and deck vessel has been built in con-*  
*formity with the approved amended plans, the requirements embodied in the Secretary's*  
*letter dealing with this case and in all other respects in conformity with the Committee's*  
*intentions and Rule requirements, with a view to obtain the Society's Class record in*  
*the Register book for this class of vessel. The steel used in the construction has been*  
*manufactured at works approved by the Committee and tested by the Society's Surveyors*  
*in conformity with the Rule requirements.*  
*The double bottom filled with water and tested with water pressure*  
*to a head load line the peak tanks to 8 feet above upper deck and found tight and*  
*the fore peak filled to below upper deck and found tight.*  
*This vessel is fitted with wireless telegraphy on the*  
*Telefunken system.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

amount of Entry Fee	Mks 105 : 0	Fees applied for,	5 June 1914
Special Survey Fee	Mks 3745 : 0	Received by me,	10/6/14
Travelling Expenses, if any	Mks 350 : 0		
whether the Vessel has been built under Special Survey	Mks 130 : 0		
of opinion this Vessel should be Classed	100A1		
with or without Freeboard, as condition of Class	with Freeboard.		

Certificate to be sent to **HAMBURG** Date of issue *16/6/14*

*Ces. Dykes* *L. Priess*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
 Character assigned  
 TUE. JUN. 16. 1914  
*100A1*  
*Shells DK with fld.*  
*Lloyd's adl. P*  
*with free*  
*2 Lm 6.6.14*  
*F.D.*



GENERAL REMARKS—(continued).

Bulkheads

Bulkheads Position	Plating Thickness	Stiffeners		Double or single frames	Height up.		
		Horizontal	Spacing				
after Peak 10	11 to 7 1/2 in	5 190 x 75 x 1 1/2	1200 in	230 x 90 x 12 1/2	610 7/8	single	Upper deck
on Frame 30	9 " 7 1/2 "	"	"	230 x 90 x 12 1/2	760 7/8	"	"
" " 30	8 1/2 " 7 1/2 "	"	"	270 x 90 x 12 1/2	760 7/8	"	"
" " 30	8 1/2 to 7 1/2 "	"	"	270 x 90 x 12 1/2	760	"	"
" " 120	8 1/2 to 7 1/2 "	"	"	" " "	760	"	"
" " 163	9 to 7 1/2 "	"	"	230 x 85 x 13	960	"	"
Collision 195	11 1/2 "	230 x 90 x 12	1200	230 x 90 x 12	810	"	Shelter
Total . 7							

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 67 ft., ~~8 ft.~~ Bridge ~~and~~ Forecastle 39 ft. (in feet and tenths). When the ~~Forecastle~~ is joined to the B.D., this should be distinctly stated *Bridge & Forecastle are joined* ~~20 ft. 9 in. and 50 ft.~~

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) *1 Deck steel & Shelter deck steel, partly oak sheathed 2 tiers of Beams*

Official No. : Signal Letters State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *bottom cement other metal paint* Outside *paint and oil paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *Cellular System*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	163.1	692	Fore peak tank,	24.0	144
Double bottom, under Engines and Boilers,	"	"	After peak tank,	16.0	96
Double bottom, if under Engines only,	37.9	217	Deep tank, aft,		
Double bottom, if under Boilers <i>no, dry tank</i>	113.5	"	Deep tank, forward,		
Double bottom, forward,	179.2	895	Other tanks, if fitted,		
Total capacity of double bottom		1784	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules. *yes*

Order for Special Survey No. *36*

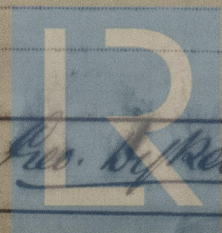
Date *1 April 1913*

No. *583* in builder's yard.

Dates of Surveys held while building

*4 July, 27 Aug, 25 Sept, 10 Oct, 18, 13, 15, 24, Nov. 1, 10, 18 Dec 1913  
2/5, 10, 20, 31 Jan, 11 Feb, 18, 21, 24 March, 10, 29, 31 April, 8, 11, 15, 21  
6 June 1914*

Surveyor's Signature



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Total No. of Visits *29*

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