

Awning or Shelter Deck, STEEL STEAMER.
or Pt. Awning Deck.

THU 17 MAY 1917

No. 2475

April 30. 1917

Port of San Francisco Date of completion of Report April 23rd 1917 Received at London Office THU 17 MAY 1917
Survey held at Alameda, Cal. Date, First Survey July 27th 1916 Last Survey April 21st 1917
On the (State if Single, Twin, or Triple Screw) S.S. "BESSA" Rig Schooner

TONNAGE under { 5751.84 CLASS 100 A.1. SHELTER DK. FEET.
Tonnage Deck... 57.08 Breadth (greatest moulded) 56.0
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. 57.08 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 41.0
Total under Upper Dk. 57.08 Deduct height of 'tween deck when this does not exceed 8ft. 8.0
Do. of Poop ✓ Transverse Number 89.0
Do. of R. Qr. Dk. ✓ Length on deck from fore part of stem to after part of sternpost 410.0
Do. of Bridge House ✓ Longitudinal Number 36490
Do. of Forecastle ✓ Depth "d" at middle of length. See Secs. 2 & 13... ✓
Do. of Houses on Deck 342.32 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10
Hatchways 27.64 " " " Upper Deck at side to top of keel 12.81
" of { 70.11 Destined Voyage Sweden
" } 6248.89 If Surveyed while Building, Afloat, or in Dry Dock YES
" } 248.15
" of { ✓
" } 1999.64
" } 87.93
" } 36.63
" } 3876.54

Master L. Arnesen
Year of Appointment { (1) As Master in service of owner of present vessel: -1917
(2) As Master for this vessel: -March 1917
Built at Alameda, Cal.
When built 1917 Launched January 20th 1917
By whom built Union Iron Works Co
Owners Norwegian Africa Australian Line
Managers
(Where necessary to be entered in Reg. Book.)
Residence Tonsberg, Norway
Port belonging to Tonsberg, Norway

on rule 410 Ft. 0 Ins. 0 BREADTH - Ft. 66 Ins. 0 DEPTH, ACTUAL - Top of Floors to top of Awning or Shelter Dk. Beams 37.8 Ft. 0 Ins. 0 No. of Decks with flat laid 2.5 SHELTER
Moulded 66.0 Do. Upper Deck Beams 29 No. of Tiers of Beams 2.5 SHELTER
Ship per Register, 37.8 Awning or Shelter Dk. Moulded depth, ft. 41 ins. 0 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 14 ins.
Length 410.0 breadth 56.0 depth 28.8 Upper Deck. Moulded depth, ft. 32 ins. 0 To Upper Dk.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.
Angles, or <input type="checkbox"/> or <input type="checkbox"/> Bars, amidships		✓			✓	PILLARS, In 'tween Deck, size and spacing	WIDE SPACED	PILLARS	✓		
ANGLES	7" 3 1/2"	40	7" 3 1/2"	40	40	" " Hold	"	"	"	"	"
of Double Bottoms at Solid Floors	3 1/2"	42	3 1/2"	42	42	" Quarter, 'tween Dks.,	"	"	"	"	"
" at intermdt. Bkts.		✓			✓	" " in Hold	"	"	"	"	"
frames from centre to centre amidships		✓			✓	KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.
" to collision bulkhead	24"		24"			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
frames from centre to centre in peak	24"		24"			" Rider Plate					
FRAME, Angles, AFTER PEAK	3 1/2"	3	40	3 1/2"	3	40	" Flat Keel Plate Angles				
of Double bottoms at Solid Floors	3 1/2"	42	3 1/2"	42	42	" Horizontal Plates on Floors					
" at intermdt. Bkts.		✓			✓	" Angles or Bulb Angles					
depth of girder		✓			✓	SIDE KEELSONS, Number					
depth and thickness of Floor Plate		✓			✓	" Angles or Bulb Angles					
mid-line for 1/2 length amidships		✓			✓	" Plate above floors, for length					
of Engine and Boiler spaces		40			40	" Intercoastal Plate, for length					
less at the ends of vessel		✓			✓	" Attached to outside plating with Angle					
at 1/2 the half-bdth. as per Rule		✓			✓	BILGE KEELSON, Angles					
extended at the Bilges		✓			✓	" Intercoastal Plate, for length					
Cell Double Bottoms	40	52E	40	52E	52E	" Attached to outside plating with Angle					
if flanged (top and bottom)	No		No			SIDE STRINGERS, Number					
being of Solid	60"		60"			" Angle					
IDER, in Dbl. bottom, dpth. & thknss	44"	52	60B	44	52	60B	" " Intercoastal Plate, for lng.				
" Angles, Top	3 1/2"	3 1/2"	52	3 1/2"	3 1/2"	52	" Attached to outside plating with Angle				
" " Bottom	5	5	60	5	5	60	Awning or Shelter Deck Stringer Plates, breadth and thickness	55"	52	55"	52
" " to Floors	5	5	44	5	5	44	" Angle on ditto	5x5"	62	5x5"	62
ockets at intermdt. frmg., wdth & thknss		✓			✓		" Tie Plates, fore and aft, outside Hatchways	✓	✓	✓	✓
ERS, number and thickness	2	40	2	40	40	" Deck * Iron or Steel, for FULL lng.	40	✓	40		
state if flanged (top & bottom)	No		No			" Wood Deck, Material & thickness	✓	✓	✓	✓	
les	3 1/2"	3 1/2"	42	3 1/2"	42	Upper Deck Stringer Plate, breadth and thickness	60	62	60	62	
ATE, depth (exclusive of flange)	37	48	58B	37	48	58B	" Angles on ditto, No.	6x6	68	6x6	68
and thickness	5	5	48	5	5	48	" Tie Plates, outside Hatchways	✓	✓	✓	✓
les to outside plating	5	3 1/2"	40	5	3 1/2"	40	" Deck * Iron or Steel, for FULL lng.	44	✓	44	
to floors		✓			✓	" Wood Deck, Material & thickness	✓	✓	✓	✓	
ockets at intermdt. frmg., wdth & thknss		✓			✓	Second Deck Stringer Plates, br'dth & thkn's	60	48	60	48	
ght of Brackets above at bilge	48"	52/42	56B	48"	52/42	56B	" Angles on ditto, No.	3 1/2"x3 1/2"	48	3 1/2"x3 1/2"	48
OM PLATING, breadth and	50E	56B	50E	56B	56B	" Tie Plates, outside Hatchways	✓	✓	✓	✓	
ness of Middle Line Strake		✓			✓	" Deck * Material and thickness	STEEL	38	STEEL	38	
thickness in Engine and Boiler space		40			40	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
" Remainder in Holds		✓			✓	" Angles on ditto, No.					
g or Shltr Dk, Single Angle,		✓			✓	" Tie Plates, outside Hatchways					
Angle, Plate, Tee Bulb or Channel		✓			✓	" Deck, Material and thickness					
r Deck, Single Angle, Bulb Angle,		✓			✓	Poop Deck Stringer Plate, breadth & thickness					
Tee Bulb or Channel		✓			✓	" Angles on ditto					
id, Third & Fourth Deck, Single		✓			✓	" Tie Plates					
Angle, Plate, Tee Bulb or Channel		✓			✓	" Deck, Material and thickness					
upper edge		✓			✓	Bridge Deck Stringer Plate, br'dth & thickness					
Deck, Angle, Bulb Angle, Plate,		✓			✓	" Angle on ditto					
Bulb or Channel		✓			✓	" Tie Plates					
es on upper edge		✓			✓	" Deck, Material and thickness					
ng		✓			✓	Forecastle Deck Stringer Plate, br'dth & th'kns					
re Deck, Angle, Bulb Angle, Plate,		✓			✓	" Angle on ditto					
Bulb or Channel		✓			✓	" Tie Plates					
Angles on upper edge		✓			✓	" Deck, Material and thickness					
Spacing		✓			✓						
BEAMS, Forecastle Deck, Angle, Bulb Angle,		✓			✓						
Plate, Tee Bulb or Channel		✓			✓						
" Angles on upper edge		✓			✓						
" Spacing		✓			✓						

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

WEB FRAMES. In Fore Body, No. and spacing. No. of Side Stringers. WEB FRAMES, In E. & B. Space, No. and spacing. WEB FRAMES, In After Body, No. and spacing. No. of Side Stringers. Size of Face Angles to Web Frames. BRACKET PLATES to Stringers between Web Frames, depth and thickness. BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck. W.T. BULKHEADS. COLLISION PARTITION. LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. RIVETING. BUTTS. STRAPS. IF LAPPED. THICKNESS OF SHEET PILE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. D.B.L. of Flat Plate Keel. Sheerstrakes. Length and thickness. POOR SIDES. SHORT BARRON SIDES. POORCASTLE SIDES. Butts, TREBLE riveted for HALF length amidship. Butts of Side Stringers. Tie Plates. Inner Bottom Plating, riveting of Edges. Centre Girder Butts, TREBLE riveted. Keelson Butts, riveted. Frames, riveted through Plates with 2 in. Rivets, about SPACED AS PER PAGE 4. Rivets, state whether Iron or Steel. STEEL. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. LONGITUDINAL FRAMING extending from Bulkhead to Bulkhead. State if ordinary or joggled. State if ordinary or joggled. MASTS, SPARS, &c. LOWER MASTS. Fore. Main. Mizzen. Topmasts, Yards and Remainder of Spars. RIGGING, Material and Size, Shrouds. Stays. Sails. Suit of. Sails, and the following spare sails.

Mechanical Test of Anchors by J. Adairson & Chester P. on 1/12/16, 2/12/16, & 22/12/16. Also by H. Craig on 29/9/16. EQUIPMENT No. 39626 LETTER A. ANCHORS. Number of Certificate. Anchors. Weight, Ex. Stock. Weight of Stock. Test, Per Certificate. Weight Res. by Table 81. Description of Anchor. Makers. Where and when tested and Superintendent. CHAIN CABLES. 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. Fathoms and Size. HAWERS 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. Fathoms and Size. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Windlass. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature. Engineer's Signature. Correspondence. State dates and initials of letters respecting this case. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks (State quality of workmanship, &c.). Committee's Minute. Character assigned. New York MAY 3 1917. + 1000s Shell OK w/fb? + Lmb 4.17. Fitted for oil fuel 4.17 J.P. above 150° F. Elec. Light.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.	Diameter.
Framing of SHUTTER																	
Frames in SHUTTER 'tween Decks...		7	3	438	7	3	438	7	3	438	7	3	438	7	5 1/4		
Frames from Uppermost Continuous Deck		8	3 1/2	406	8	3 1/2	406	8	3 1/2	406	8	3 1/2	406	8	5 1/4	5	7/8
No. 1																	
" 2															4 3/8 for 10 rivets	6	
" 3																	
" 4																	
" 5		9	3 1/2	438	9	3 1/2	438	9	3 1/2	438	9	3 1/2	438			7	
" 6																8	
" 7		10	3 1/2	438	10	3 1/2	438	10	3 1/2	438	10	3 1/2	438				
" 8															3 1/2		
" 9		10	3 1/2	625	10	3 1/2	625	10	3 1/2	625	10	3 1/2	625				
" 10		8	3 1/2	406	8	3 1/2	406	8	3 1/2	406	8	3 1/2	406			6	
" 11																	
" 12																	
" 13																	
" 14																	
" 15																	
" 16																	
Spacing of Longitudinal Frames		Amidships 30"			At Ends ABOUT 18"												
Double Bottoms		Tank Top Longitudinals			Bottom												
" 1/2"		Amidships			At Ends												
Spacing of Longitudinals		30"			ABOUT 21"												
Transverses.																	
In Bridge		Depth and Thickness			Face Angle			Lugs to Shell									
"tween Decks		15" 38			5 3 1/2 44			3 1/2 3 1/2 40			3 1/2 3 1/2 40			7/8	4 1/2		
In Awaiting, Shelter or Upper 'tween Decks.		Depth and Thickness			Face Angle			Lugs to Shell									
" 1/2"		16" 40			7 3 50			3 1/2 3 1/2 40			3 1/2 3 1/2 40			7/8	4 1/2		
In Hold.		Depth and Thickness			Face Angle			Lugs to Shell									
" 1/2"		26" 50			10 3 1/2 625			10 3 1/2 625			10 3 1/2 625			7/8	4 1/2		
Brackets		10' 0"			10' 0"												
Spacing of Transverse Frames		LINERS															
Longitudinal Beams of		Bridge Deck			Upper			Second			Third						
" 1/2"		6 3 375			8 3 1/2 406			8 3 1/2 406			8 3 1/2 406			39"			
" 1/2"		6 3 375			8 3 1/2 406			8 3 1/2 406			8 3 1/2 406			42"			
" 1/2"		6 3 375			8 3 1/2 406			8 3 1/2 406			8 3 1/2 406			42"			
" 1/2"		6 3 375			8 3 1/2 406			8 3 1/2 406			8 3 1/2 406			42"			
Transverse Beams.		11x38			13x40			14x40			11x38						

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

50, 12, T.

0222 3/4

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

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 as should appear in the Register Book) **2 DNS (STEEL) + SHELTER DK (STEEL) + WEB FRAMES.** State if Machinery is fitted aft No. **31**
Official No. **139**; Signal Letters **BA**
How are the surfaces preserved from oxidation? Inside **PAINT + ASPHALT IN F.H. SPACE UNDER BOILERS** Outside **PAINT**
+ OUTSIDE DOUBLE BOTTOM FUEL OIL TANKS

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	130.0	400	Fore peak tank,		
Double bottom, under Engines and Boilers,	27.5	122	After peak tank,	30.0	220
Double bottom, if under Engines only,			Deep tank, aft,	25.0	79
Double bottom, if under Boilers only,	197.6	691	Deep tank, forward, AMIDSHIP		
Double bottom, forward, UNDER BOILERS			Other tanks, if fitted,		
Total capacity of double bottom		1213	(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. **24**

Date

March 2nd / 16

No. **139**

in builder's yard.

DATES OF SURVEYS held while building

Keel laid July 27th 1916: August 1, 3, 7, 11, 17, 21, 24; Sept 5, 12, 22, 26, 28. Oct 2, 9, 11, 13, 16, 19, 21, 24, 26; Nov 2, 4, 9, 11, 14, 16, 23, 28; Dec 5, 9, 12, 13, 21, 26, 28; Jan 3, 8, 10, 12, 15, 16, 19, 20; Feb 7, 14, 16, 17, 19, 23, 27; March 6, 7, 8, 11, 13, 14, 15, 27, April 21.

Surveyor's Signature

Arnold Bennett.

Blackett's Register Foundation

Total No. of Visits **64**