

American Bureau of Shipping

Taken from report

Report No. _____

SURVEY FOR LOAD LINES

Sept
Date 9-3-1920.

Name of Vessel <i>SS. Griffo</i>	Official Number <i>220755</i>	Port of Registry <i>Seattle</i>	Port of Survey <i>Seattle</i>
Gross Tonnage	Date of Build <i>1920</i>	Hull Number	Class <i>BS + HBS +</i>
Owner		Builder <i>J. F. Duthie & Co</i>	Type of Vessel: (Pass., Cargo, Tanker, etc.) <i>Cargo</i>

PARTICULARS OF SUPERSTRUCTURES, TRUNKS, CASINGS AND DECK HOUSES

	Poop Bulkhead	Bridge†		Forecastle Bulkhead
		After Bulkhead	Forward Bulkhead	
Thickness and Height of Coaming	6x3½x.38 L	No Bridge		6x3½x.38 L
Thickness of Plating	.30"			.25"
Size and Type of Stiffeners	5x3x.38 L ^s 3½x3x.38 Rev. L ^s			4x3x.38 L ^s
Spacing of Stiffeners	30"			24"
End Attachment of Stiffeners { Head of Stiffeners { Heels	clipped Bracketed			no o Hauls.
Number and Size of Openings	2-2'-0"x5'-0"			2-2'-0"x4'-6"
Height of Sills	18"			18"
Closing Appliances on Openings	W.T. Steel Doors. hinged			W.T. St. Door, hinged
Means for Securing Closing Appliances State if appliances can be secured from both sides	dogs - either side			dogs - either side

† On shelter deck vessels give particulars of 'tween deck bulkheads immediately forward and abaft of Tonnage Hatch.

	Coaming	Plating	Stiffeners	Spacing	End Attachment of Stiffeners	Size of Openings	Height of Sills	Closing Appliances: State if Steel or Wood and if operable from both sides
Trunk								
Exposed Machinery Casings on Freeboard Deck			<i>Protected by Poop.</i>					
Exposed Machinery Casings on Superstructure Deck	<i>.38"</i>	<i>.25"</i>	<i>Protected by strong steel house except Boiler casing apertures</i>					
Machinery Casings within Superstructures not fitted with Class I Closing Appliances			<i>Eng. C. 2 x 2 1/2 x 1/4 @ 23" Boiler C. 3 x 4 x 7/16 @ 28"</i>					
Deck Houses on Flush Deck Vessels								
Height of Casings above deck	<i>7'-9" above poop deck</i>			How are Fiddley openings closed				

VENTILATORS ON EXPOSED POSITIONS OF FREEBOARD AND SUPERSTRUCTURE DECKS

	Freeboard Deck	Forecastle	Bridge	Poop
Diameter of Coamings	<i>18"</i>	<i>8" 18"</i>		<i>12"</i>
Thickness of Coamings	<i>3/8"</i>	<i>3/8 pipe 3/8 pipe</i>		<i>3/8"</i>
Height of Coamings	<i>36"</i>	<i>36" 36"</i>		<i>36"</i>
Arrangements for Closing	<i>Wood plugs + C.C.</i>	<i>Wood plugs + can. cov.</i>		<i>Wood plugs + C.C.</i>
How are Coamings Secured to Deck				
How are High Coamings Braced or Stayed				

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Number of Hatchway and Deck		1	2			
Dimensions of Hatchway		20'-0" x 38'-4"	20'-0" x 40'-3"			
Coamings	Height above Deck	2'-9"	2'-9"			
	Thickness { sides ends	1.50"	1.50"			
	Stiffeners, Brackets or Stays	5-sides 3-ends 4 Bkts 15x23x38	5-sides 3-ends 4 Bkts 15x23x38			
Hatch Beams	Number	8	8			
	Spacing	4'-3"	4'-6 3/4"			
	Scantling and Sketch of Section	15x5 1/2 x 50# I beams	15x5 1/2 x 50# I beams			
	Bearing Surface	5.4 sq. m	5.4 sq. m			
Fore and Afters	Number	none	none			
	Spacing					
	Scantling and Sketch of Section					
	Bearing Surface					
Hatch Covers	Material	Fir	Fir			
	Thickness	3"	3"			
	How Fitted	in 5' length	in 5' length			
	Bearing Surface					
Spacing of Cleats						
Number of Tarpaulins						
Are Wood Fore and Afters Steel Shod at bearing surfaces						
Are Battens and Wedges in good condition						
Are Tarpaulins in good condition and in accordance with Rule						
Are Lashings provided as required by Rule		Yes	Yes			

Where Hatches are located within Superstructures closed with less than Class I Closing Appliances or in the upper 'tween decks of shelter deck vessels give full particulars as above requested

FLUSH BUNKER SCUTTLES

Give Location and Description of Flush Bunker Scuttles; state how secured	None
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COMPANIONWAYS

	Freeboard Deck	Forecastle	Bridge	Poop
Give Location of Companionways; state whether of wood or steel; give height of sills and state whether doors can be secured from both sides		Comp. St. door 24" sill.		Comp. St. door 18" sill.

AIRPIPES

	Freeboard Deck	Forecastle	Bridge	Poop
Give Number and Location of Airpipes; height of opening above deck; and means provided for closing the openings of Airpipes.	1936 report: Provided with automatic closing appliances.			

GANGWAY, CARGO AND COALING PORTS

Give Details of Gangway, Cargo and Coaling Ports in vessel's sides below Freeboard Deck; state if watertight and how secured

None

SCUPPERS AND SANITARY DISCHARGE PIPES

	State whether Scupper or Disch'ge	Number	Size	State whether discharging overboard or to bilge	Means for Preventing Water Passing Inboard, or accidentally to bilge. Give number of valves, on each outlet, type, material	Give location of valves, state whether accessible, or whether operable from Freeboard Deck
From Spaces below Freeboard Deck						
From within Forecastle Space						
From within Bridge Space						
From within Poop Space	sc.			overboard	non-return valve	1931 report states complied with.

AIRPORTS OR PORTLIGHTS

Give Details of Airports or Portlights below Freeboard Deck and in Sides and Ends of Superstructures. State whether Deadlights are permanently attached and if watertight	1931-report stated as being complied with. Note: Two ports in after end of poop were fitted with covers and strongbacks.
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GUARD RAILS

State whether Bulwarks or Rails are fitted on Freeboard and Superstructure Decks and give particulars	Bulwarks - 30" high.
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GANGWAYS, LIFELINES, ETC.

Give details of Gangways, Life Lines and any other means for protecting Crew in going to and from their quarters	Portable Life Line provided (1936 report)	Where is Crew Berthed
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FREEING PORTS

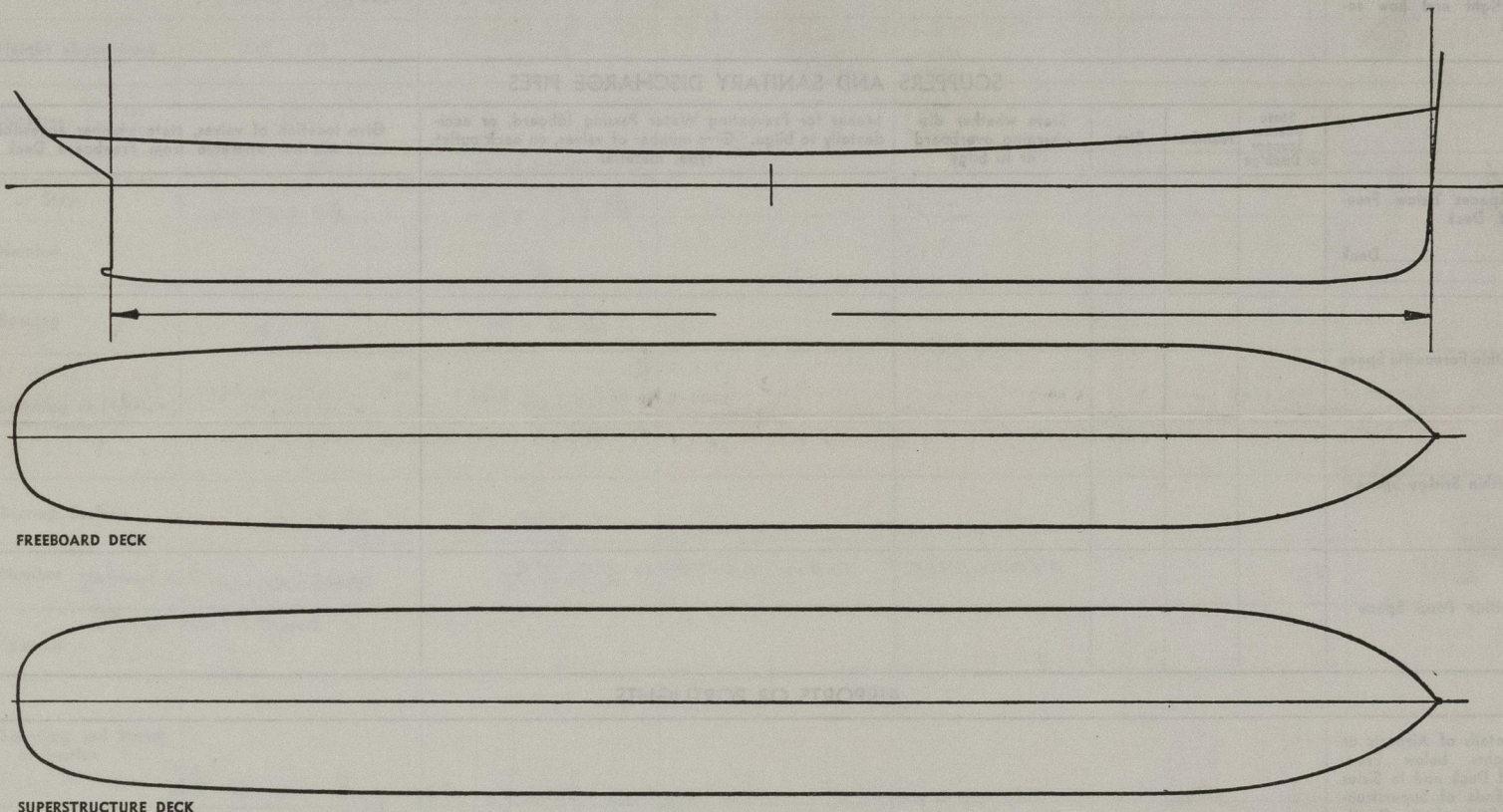
Location	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Total Area each side	Rule Area each side
		30"	15" x 37	7		
State Fore and Aft Location of each port (Forward Wall: and height of lower edge above Deck) (After Wall: State whether Shutters, Bars, etc., are fitted and give spacing of bars)						

* Data below required only when not supplied by plans

Length B. P. (on L. W. L.)	=	Length overall (on L. W. L.)	=
Beam (moulded)	=	Depth (moulded)	=
Moulded Displacement at .85 D	=	Camber, Freeboard Deck	=
Stringer Plate Thickness	=	Wood Deck Thickness	=
See calc.			

	Length	Height	Length of Overhang		Sheers							
			Ford.	Aft	After Perpendicular	1/6 ford. of Aft. Perp.	2/6 ford. of Aft. Perp.	Amidships	2/6 abaft Ford. Perp.	1/6 abaft Ford. Perp.	Ford. Perp.	
Poop												
Bridge												
Forecastle												
Trunk			Trunk Breadth									

Show on this diagram the length and height of the superstructures, trunks, deckhouses, casings, length of overhangs on superstructures which extend to side of vessel, details of recesses in bulkheads, location of cargo and coaling hatchways, also cargo, gangway and coaling ports, etc. Give extent and thickness of wood deck or sheathing on freeboard deck. Show extent of flat or depressed shear. (In shelter deck vessels give location of tonnage hatch in relation to fore or after perpendicular.)



NOTE: In the case of existing vessels state the mean loaded operating draft of the vessel _____
 When supplementary marks for timber or tanker conditions are desired give particulars, in blank space below, concerning "conditions of assignment".
 In the case of unclassified vessels a hull condition survey should accompany this report.
 Give any special features in the construction of the vessel, in the space below:

1931 report

Pad Eyes apparently on stringer about 11'-6"

1936 report

Additional Eye pads fitted on sheerstrake equal to 50% of pad on deck

cham 3/4"

No sockets for uprights - Note: Cert. limited to clearance of
 "Squared Timber."

No. Visits:

Expenses:



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