

American Bureau of Shipping

Report No. 4852

SURVEY FOR LOAD LINES

Date Dec. 9, 1940

Name of Vessel S.S. "ABERCOS"		Official Number 219,477 (U.S.)	Port of Registry --	Port of Survey Mobile, Alabama
Gross Tonnage 6076	Date of Build 1-1920	Hull Number 8	Class --	Type of Vessel: (Pass., Cargo, Tanker, etc.) Cargo
Owner Sir R. Roper and Company			Builder G. M. Standifer Construction Corp., Vancouver, Wash.	

PARTICULARS OF SUPERSTRUCTURES, TRUNKS, CASINGS AND DECK HOUSES

	Poop Bulkhead	Bridge † (House)		Forecastle Bulkhead
		After Bulkhead	Forward Bulkhead	
Thickness and Height of Coaming	7/16" x 18"	Dk. Angle 3"x3"x1/2"	Dk. Angle 3"x3"x1/2"	3/8" x 18"
Thickness of Plating	7/16"	3/8"	7/16"	5/16"
Size and Type of Stiffeners	Sheathed	5" x 3" x 7/16"	Sheathed	3" x 3" x 3/8"
Spacing of Stiffeners		29"		32"
End Attachment of Stiffeners { Head } Heels		None		Bracket
Number and Size of Openings	Two - 27" x 60"	Three - 24" x 60"	Six - 12" Air Ports	Two - 24" x 60"
Height of Sills	16"	16"		18"
Closing Appliances on Openings	<i>Hinged steel w.t. doors.</i> Steel Class I	<i>Hinged strong wood doors.</i> Strong Wood Doors	<i>no openings</i> Port and Deadlights	<i>Hinged steel doors.</i> Steel Plate Doors N. W. T.
Means for Securing Closing Appliances State if appliances can be secured from both sides	Six dogs operable both sides	Three hinges-Common Lock Controlled Both Sides	Wing nuts, oper. in side only	Two hinges - Lock control both sides.

† 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								
Exposed Machinery Casings on Superstructure Deck	13"	1/2"	3-1/2"x4"x7/16"	29"	None	E.R. Skylight 15'-10"x12'-6"	35"	Six steel, ported Covers-Control one side.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deck Houses on Flush Deck Vessels								
Height of Casings above deck					How are Fiddle openings closed	Attached steel covers		

VENTILATORS ON EXPOSED POSITIONS OF FREEBOARD AND SUPERSTRUCTURE DECKS

	Freeboard Deck	Forecastle	Bridge	Poop
Diameter of Coamings	24"	Two - 24" One - 10"	19 - 6" 1 - 12" 6 - 24"	9 - 6" 4 - 12" 1 - 30" Sh. Alley Esc.
Thickness of Coamings	Main Vent - 3/8" King Post Dk. Angle 3/8"	3/8"	9/16" 3/8"	6" - 9/16" Others - 3/8"
Height of Coamings	Main 36" K.P. 27" After Dk. 11'-6"	35"	8" 46"	8" 26"
Arrangements for Closing	K.P. Perm. Cowl. Others Wood and Canvas	Wood and Canvas Covers	6" Mush. Covers- Others Wood and Canvas	6" Mush. Covers Others wood and Canvas
How are Coamings Secured to Deck	Angle Riveted	Angle Riveted	6" Bolted - Others riveted	6" Bolted Others riveted
How are High Coamings Braced or Stayed	Braced Fore and Aft, Side Stays 1" wire rope		Braced to Amid. House	

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Number of Hatchway and Deck	No. 1	No. 2	No. 3	No. 4	No. 5
Dimensions of Hatchway	36'-8"x20'-0"	36'-8"x20'-0"	8'-2"x20'-0"	36'-8"x20'-0"	33'-0"x20'-0"
Coamings	Height above Deck	31"	31"	31"	31"
	Thickness { sides ends	1/2" 7/16"	1/2"	1/2"	1/2"
	Stiffeners, Brackets or Stays	6"x3 1/2"x7/16"	Coaming Channel at sides and	9 1/2" from upper edge	ends Braces satisfactory
Hatch Beams	Number	6	6	1	6
	Spacing	64"	63"	48"	63"
	Scantling and Sketch of Section				
	Bearing Surface	3 3/4"	3 3/4"	3 3/4"	3 3/4"
Fore and Afters	Number	None	None	None	None
	Spacing				
	Scantling and Sketch of Section				
	Bearing Surface				
Hatch Covers	Material	Wood - Y.P.	Wood - Y.P.	Wood - Y.P.	Wood - Y.P.
	Thickness	2 3/4"	2 3/4"	2 3/4"	2 3/4"
	How Fitted	Fore & Aft	Fore & Aft	Fore & Aft	Fore & Aft
	Bearing Surface	4"	4"	4"	4"
Spacing of Cleats	24"	24"	24"	24"	24"
Number of Tarpaulins	Three	Three	Three	Three	Three
Are Wood Fore and Afters Steel Shod at bearing surfaces	None	None	None	None	None
Are Battens and Wedges in good condition	Yes	Yes	Yes	Yes	Yes
Are Tarpaulins in good condition and in accordance with Rule	Yes	Yes	Yes	Yes	Yes
Are Lashings provided as required by Rule	Yes	Yes	Yes	Yes	Yes

Where Hatches are located within Superstructures closed with less than Class 1 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	Four Port and four Starboard sides amidship house. 18" Dia. Gasketed steel plate, single strongback.
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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	None	None	None	None

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.	6 After Deck. 6 Forward Deck. 5 P. & 5 S. Amid Pas. Height - 36" - Wood Plugs Chained.	1 - Aft Starboard Side. Height 30" - Wood Plug Chained	None	1 At Center Line. Height 36" Wood Plug - Chained to Pipe.

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
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SCUPPERS AND SANITARY DISCHARGE PIPES

	State whether Scupper or Discharge	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	Scup.	2	2 1/2"	overb'd.	Steel Casing, bronze clapper	Open End Above F.B. deck fitted at shell.
From within Bridge Space	Disch.	3-P. 4-S.	2-3" 1-4" 2-3" 2-4"	"	" " " " "	" " " " "
From within Poop Space	Disch. Aft. Scup.	2 2	3" 2 1/2"	"	" " " " "	" " " " "

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	NONE
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GUARD RAILS

State whether Bulwarks or Rails are fitted on Freeboard and Superstructure Decks and give particulars	Freeboard Deck open rails - Chains and portable stanchions in way of hatches. Three Tier Pipe Superstructure Decks.
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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	Eyebolts port and starboard sides, Forecastle bulkhead, Fore and After Bulkhead Amidship House and Poop Bulkhead 5/8" Galvanized Steel Wire Rope with Shackles, Turnbuckles and pendants fitted.	Where is Crew Berthed Amidship and Poop House
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FREING PORTS

Location	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Total Area each side	Rule Area each side

State Fore and Aft Location of each port } Forward Well:

and height of lower edge above Deck } After Well:

State whether Shutters, Bars, etc., are fitted and give spacing of bars

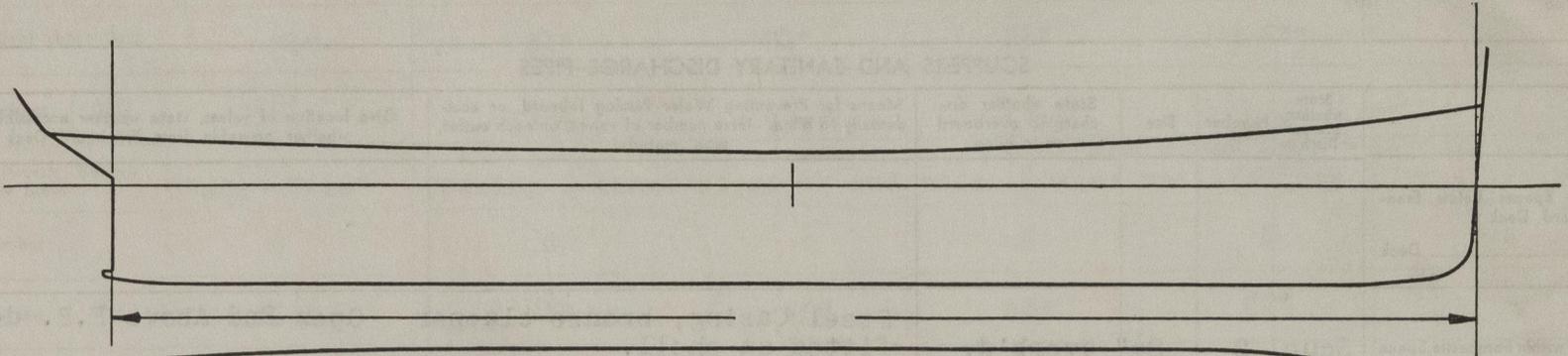
* Data below required only when not supplied by plans

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	=

	Length	Height	Length of Overhang		Sheers						
			Fore.	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								

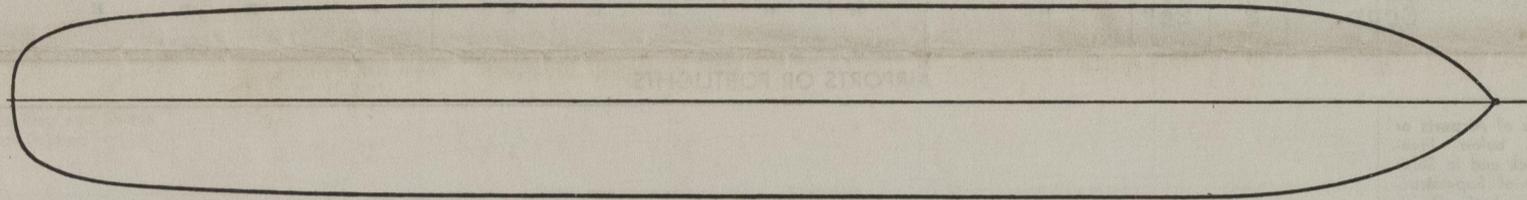


Show on this diagram the length and height of the superstructures, trunks, deckhouses, casings, length of overhangs on superstructures which extend to side of vessel, details of recesses in bulkheads, location of cargo and coaling hatchways, also cargo, gangway and coaling ports, etc. Give extent and 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.)



For Sketch see back of Calculation Sheet.

FREEBOARD DECK



SUPERSTRUCTURE DECK

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:

TRANSFERRED TO:
L. R. SYSTEM

TRANSFERRED TO:
L. R. SYSTEM

No. Visits:

Expenses:



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