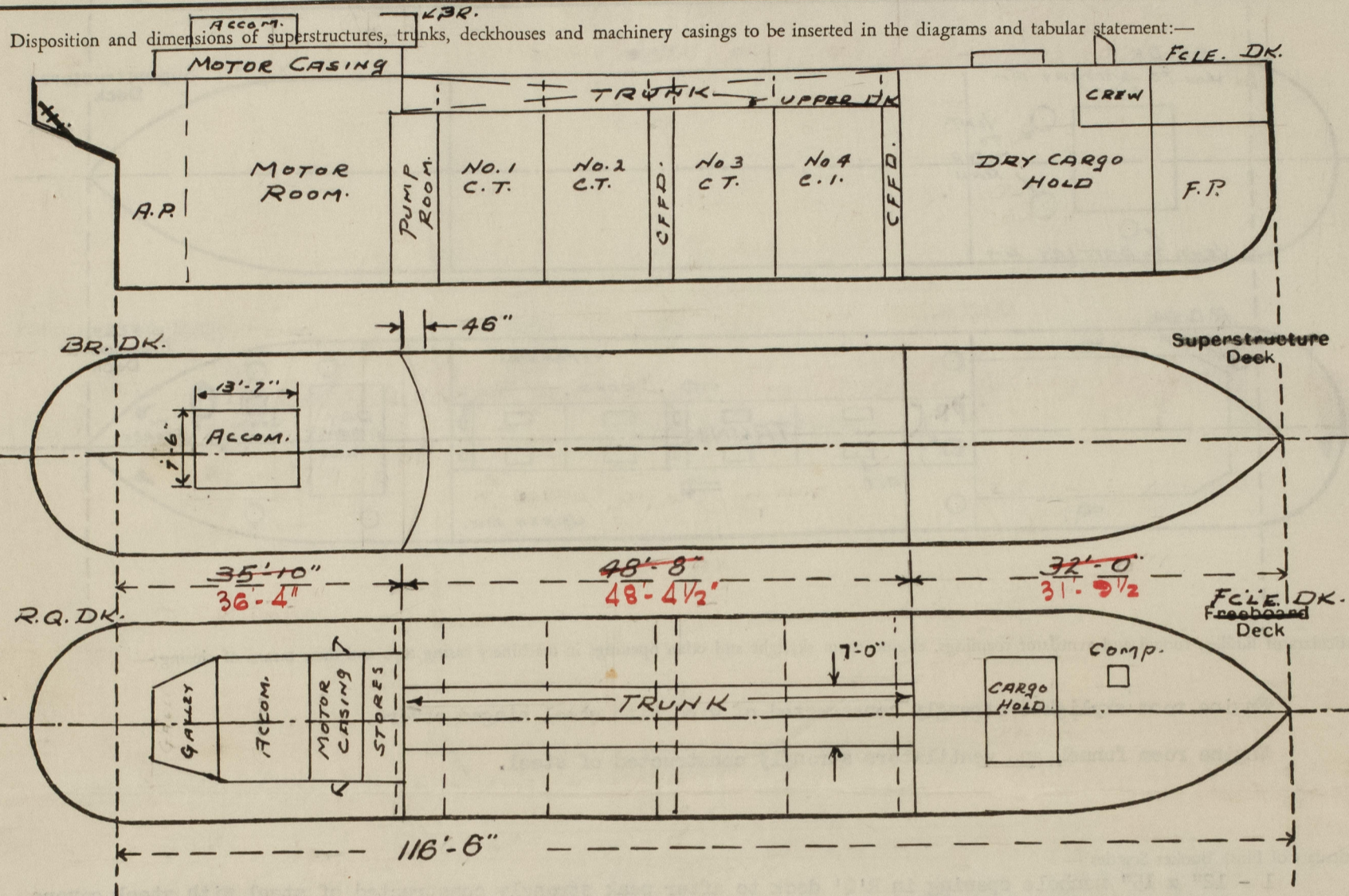


Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name Tw. Sc. M. S. "EL BUARO" Port of Survey Cristobal, Canal Zone
 Official Number Surveyor's Signature G. H. Haman
 Nationality and Port of Registry Guayaquil, Ecuador Date of Survey 27th April, 1951



Particulars of Superstructures, Trunks, Casings, Deckhouses.

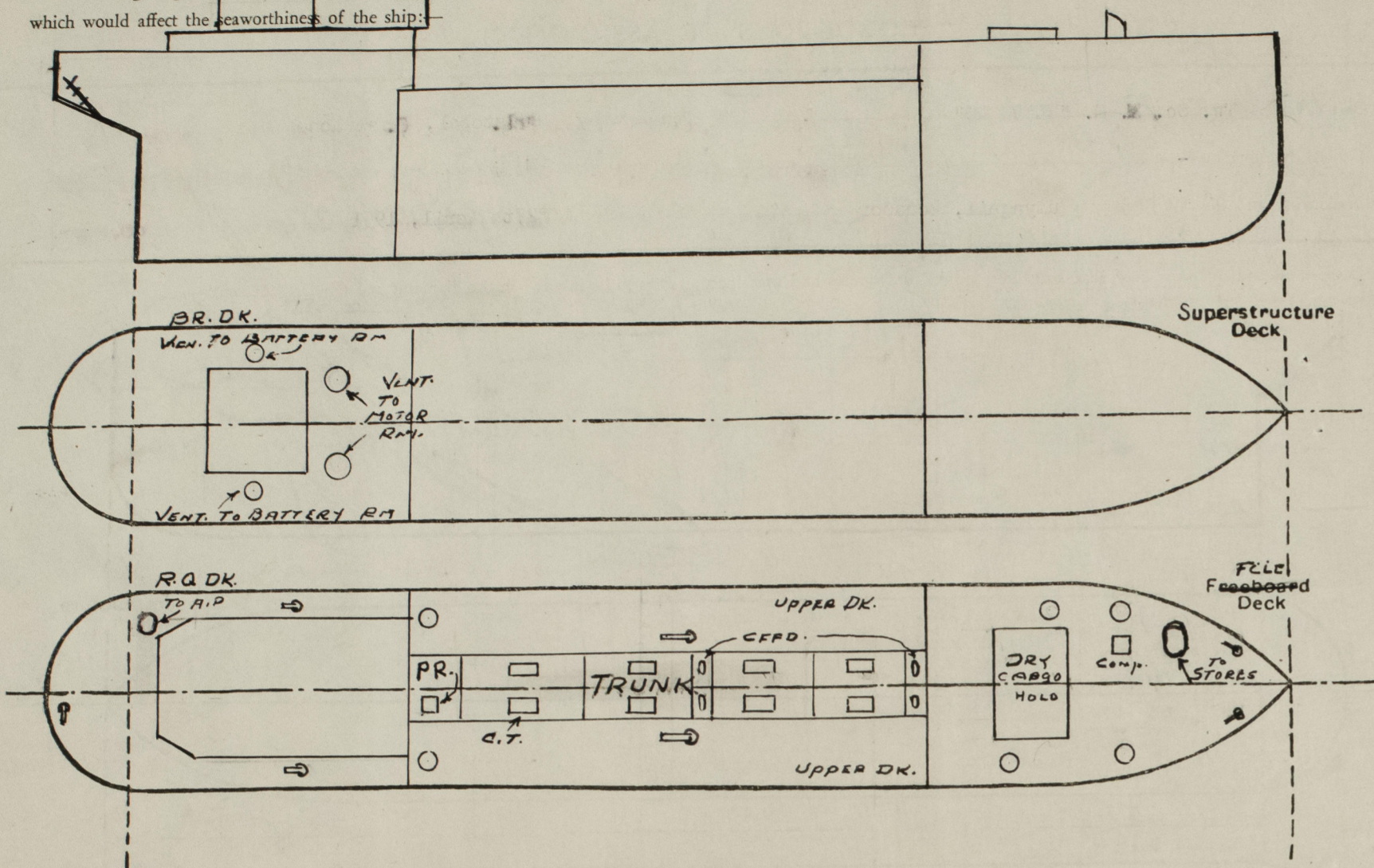
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...								
Raised Quarter Deck Bulkhead ...	.30"	.30"	5"x3"x .32"	21½"	12"x15"x .30"	None		44"
Bridge, After Bulkhead ...								
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...	.30"	.30"	5"x3"x .30"	21½"	12"x15"x .30"	None		44"
Trunk, Aft ...								
Trunk, Forward ...	.26"	.26"	3"x3"x .32"	21½"	12"x15"x .30"	1-2'0"x1'9"	Trunk	44"
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...						8-2'6"x2'4"	Deck	
Exposed Machinery Casings on Superstructure Decks ...						4-21" x 15"		
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...								
Deckhouses on Flush Deck Ships ...								

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	
Raised Quarter Deck Bulkhead ...	None No OPENINGS.
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	No
Forecastle Bulkhead ...	None No OPENINGS.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Steel hinged covers. 2 WT steel hinged doors (p&s) sides opening from both sides.
Exposed Machinery Casings on Superstructure Decks ...	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Deckhouses on Flush Deck Ships ...	

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Engine room skylights strongly constructed of wood with steel hinged covers.

Engine room funnel and ventilators strongly constructed of steel.

Particulars of Flush Bunker Scuttles:—

1 - 12" x 15" manhole opening in R'Q' deck to after peak strongly constructed of steel with steel covers secured with 20 - 1/2" studs and nuts - 4" coamings

1 - 12" x 15" manhole opening in Fo'cle. deck to store and chain locker strongly constructed of steel with steel hinged water-tight door (new) fastened with four toggles. 4" coamings.

Particulars of Companionways:—

1 - 2'-9" x 3'-7" steel companionway on fo'cle. deck to crews quarters strongly constructed and fitted with two wood closing doors facing aft opened from both sides and partial overhead sliding heavy wood cover.

Down capable of being opened and closed independently of the sliding top

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Fo'cle. Deck - Two 1 (p & s) 6" dia. x 36" Hg. coamings .38"
Two 1 (p & s) 8" dia. x 36" Hg. coamings .40"
Upper Deck - Two 1 (p & s) 6" dia. x 36" Hg. coamings .38"
Bridge Deck - Two 1 (p & s) 16" dia. x 48" Hg. x .40 to motor room supported.
Two 1 (p & s) 6" dia. x 30" Hg. x .38 to battery room.

Closing appliances on all ventilators

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Fo'cle. Deck - Two 1(p & s) 3" dia. x 24" Ht. Goosenecks
Upper Deck - Two 1(p & s) 2" dia. x 36" Ht. "
R'Q' Deck - Two 1(p & s) 3" dia. x 30" Ht. "
One (s.s.) 2" dia. x 30" Ht. "

Efficient means provided for closing the openings of all air pipes.

Particulars of Gangway Cargo and Coaling Ports:—

None

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers and sanitary pipes from accommodations on R'Q'. upper and fo'cle. decks are led overboard below the freeboard deck and fitted with substantially constructed non-return valves on ship's sides.

No overboard discharges from spaces below the freeboard deck

Particulars of Side Scuttles:—

None

No side scuttles fitted in ships side below freeboard deck

Vertical distance of Sill of lowest Side Scuttle above top of keel —

Particulars of Guard Rails:—

Fo'cle. Deck - Two tier rail 36" high, stanchions 54" apart.

Upper Deck - Two tier rail 36" high, stanchions 54" apart.

R'Q' Deck - Two tier rail 36" high, stanchions 54" apart.

Trunk Deck - Two tier rail 36" high, stanchions 54" apart.

Particulars of Gangways, Lifelines, etc:—

1" dia. manila ropes fore and aft.

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	Open rails					
Forward Well ...	Open rails					

State position of each freeing port ... { After Well:—

(F. and A. position and height above deck edge) { Forward Well:—

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
		(On Fore Deck)			(On Trunk Deck)					
Description of Hatchway	...	Dry Cargo Hd	Crew Space	Stores & Ch. Locker	C'ffms F. & A.	Cargo Tanks	Pump Room		Aft Peak	
Dimensions of Hatchway	...	7'-2" x 11'-0"	2'-9" x 3'-7"	21" x 15"	21" x 15"	2'-6" x 2'-1"	2'-0" x 1'-9"		21" x 15"	
COAMINGS	Height above Deck	24"	18"	4"	4"	4"	4"		4"	
	Thickness { Sides	.38"	.38"	.38"	.37"	.37"	.28"		.38"	
	Ends	.38"	.38"	.38"	.37"	.37"	.28"		.38"	
	Stiffeners	angle	angle	-	-	-	-		-	
	Brackets, Stays	3"x3"x.38"	3"x3"x.38"	-	-	-	-		-	
HATCH BEAMS	Number	...	...	...	...	...	...		...
	Spacing	...	...	...	...	...	...		...
FORE AND AFTERS	Scantling and Sketch	...	...	...	...	...	...		...
	Number	...	...	...	...	...	...		...
	Spacing	...	...	...	...	...	...		...
	Unsupported Lengths	10 1/2 x .40	None	None	None	none	None		None	
	Scantling and Sketch	...	...	...	...	...	...		...
	Bearing Surface	2 1/2 x 2 1/2 x .38	...	...	...	...	...		...
HATCH COVERS	Material	Wood	Two wood doors	Steel .40"	Steel .40"	Steel .40"	Steel .38		Steel .38"	
	Thickness	2 1/2"	1 1/2"	Hinged	Hinged	Hinged	Hinged		Bolted	
	How fitted	W.P.	open both sides	W.T.	O.T.	O.T.	W.T.		W.T.	
	Bearing Surface	2 1/2"	...	...	...	...	...		...
Spacing of Cleats	...	20	-	4	4	6	6		20-1/2"	
Number of Tarpaulins	...	3	-	Toggles	Toggles	Toggles	Toggles		Studs	
<p>*Are wood fore and afters steel shod at all bearing surfaces? Steel</p> <p>Are battens and wedges efficient and in good condition? Yes</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? Yes</p> <p>Are lashings provided in accordance with rule requirements? Yes</p>										

Particulars of any special features:—

Endorsement at first survey and at surveys for renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.

Fee: \$29.00



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