

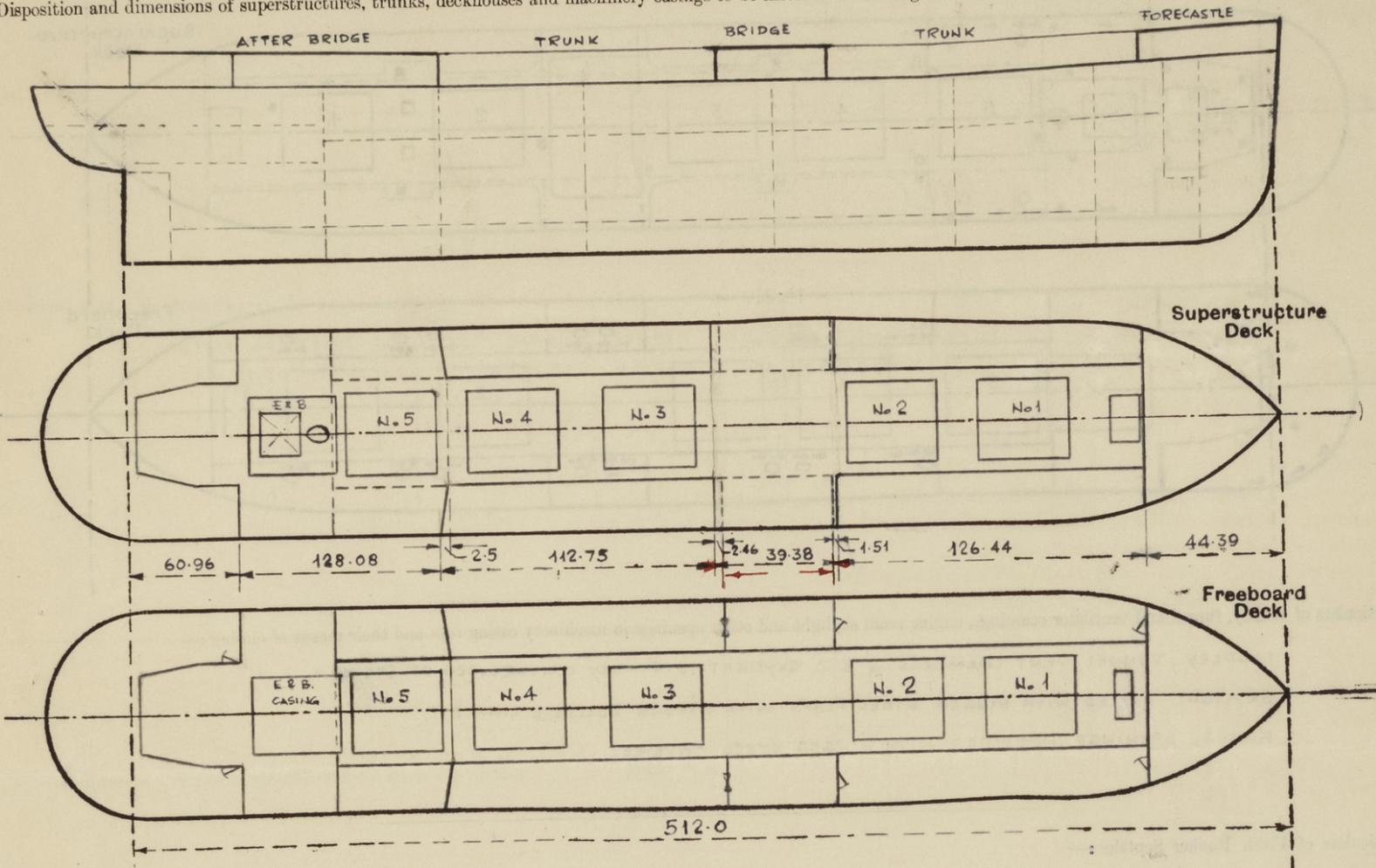
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "BLUE STAR" ex "SAN PEDRO" Port of Survey LA SPEZIA
 Official Number 969 Surveyor's Signature *Woutan*
 Nationality and Port of Registry PANAMANIAN - PANAMA Date of Survey SEPTEMBER, 1956.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



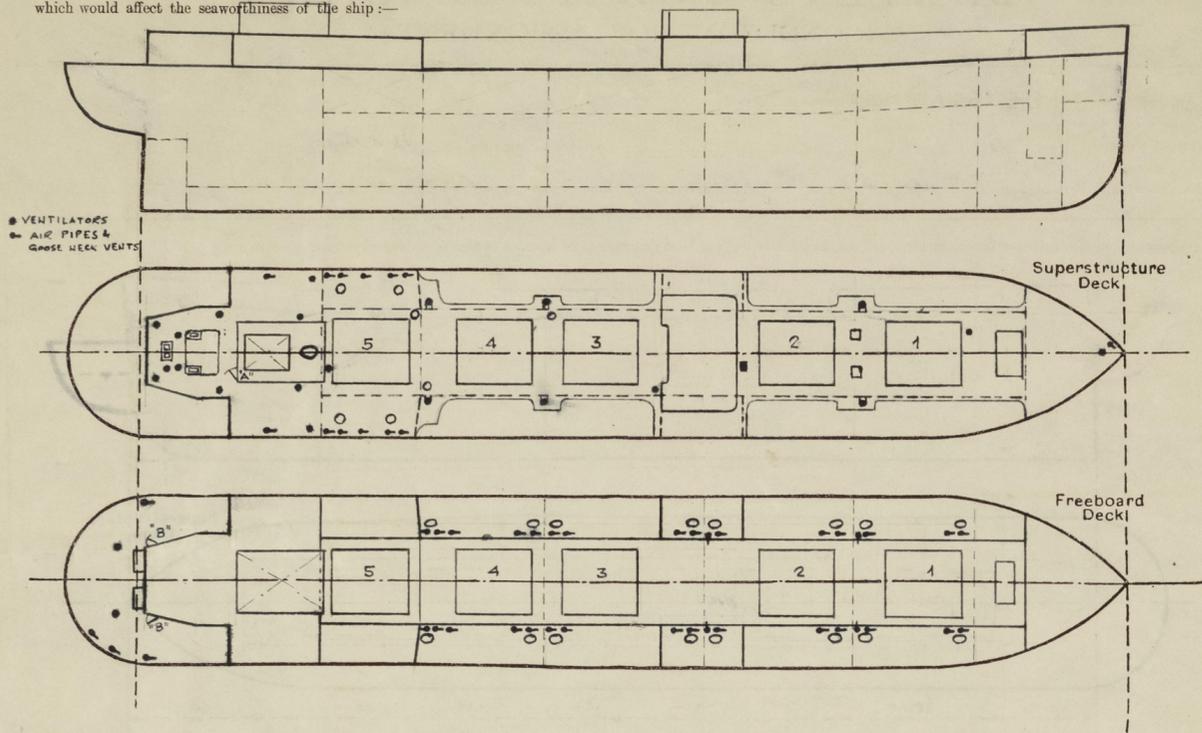
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
AFTER BRIDGE, FWD. Peep Bulkhead	48" x .42"	.38"	6 1/4" x .36"	30" & 25"	BKTS. T & B.	NONE	NONE	7'-10 1/2"
AFTER BRIDGE, AFT BKD. Raised Quarter Deck Bulkhead	.42"	.34"	8" x 3" or 6" x 3" x .36"	30" or 16"	OR WELDED	2 @ 5'-4" x 2'-6"	15"	7'-10 1/2"
Bridge, After Bulkhead	6" x .48"	.34"	6" x 3" x .36"	35"	BKTS. T & B. 2 WELDED	2 @ 5'-6 1/2" x 4'-1"	10"	7'-10 1/2"
Bridge, Forward Bulkhead	10" x .48"	.46"	9 1/2 x 3 1/4 x .38 x .52"	35"	BKTS. T & B. 2 WELDED	2 @ 5'-0" x 2'-4"	20"	7'-10 1/2"
Forecastle Bulkhead	10" x .44"	.32"	6" x 3" x .36"	30"	BKTS. T & B. 2 WELDED	2 @ 5'-1" x 2'-3"	18"	7'-6 1/2"
Trunk, Aft	-	.68"	VERTICAL WEBS 25 1/2" x 40" FLGD. 5" MAX. SPACING HORIZONTAL STIFFENERS 7" x 3" x .44" SPACED	25 1/2" x 40" FLGD. 5" MAX. SPACING 8'-11"	-	-	-	7'-6 1/2"
Trunk, Forward	-	.68" TO .52" AT FWD. END			-	-	-	-
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	-	-	-	-	-	-	-	-
Exposed Machinery Casings on Superstructure Decks	.40"	.32"	5" x 2 3/4" x .32" 4" x 3" x .36"	35"	BRACKETS	NONE	-	7'-0"
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).

AFTER BRIDGE, FWD Peep Bulkhead	No OPENINGS	
AFTER BRIDGE, AFTER BULKHEAD	HINGED STEEL DOORS OPERATED BOTH SIDES (CLASS 1)	
Raised Quarter Deck Bulkhead	-	
Bridge, After Bulkhead	PORTABLE PLATES SECURED BY HOOK BOLTS (CLASS 2)	
Bridge, Forward Bulkhead	HINGED STEEL DOORS OPERATED BOTH SIDES (CLASS 1)	
Forecastle Bulkhead	" " " " " " (" ")	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks	-	
Exposed Machinery Casings on Superstructure Decks	NO OPENINGS.	
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:—

- FIDDLEY, FUNNEL, VENT COAMINGS & E.R. SKYLIGHT STRONGLY CONSTRUCTED OF STEEL.
- SKYLIGHT FITTED WITH HINGED STEEL FLAPS WITH STRONG BULLSEYE LIGHTS.
- FIDDLEY OPENINGS PROVIDED WITH HINGED STEEL COVERS.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

- "A": COMPANIONWAY ENCLOSED IN STRONG STEEL DECKHOUSE ON AFTER BRIDGE DECK, HINGED STEEL W.T. DOOR OPERATED BOTH SIDES, 5'-9" x 2'-4", SILL 11" ^{W.T.} 18"
- "B": COMPANIONWAYS ENCLOSED IN AFTER BRIDGE ON FREEBOARD DECK. HINGED STEEL DOORS OPERATED BOTH SIDES, 5'-1" x 2'-6", SILL 15" ^{W.T.} 24"

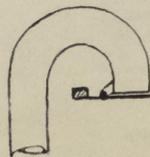
Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

- | | |
|---|--|
| <p>FORECASTLE DECK
1-21" DIA. x .40" ; 36" HIGH</p> <p>FREEBOARD DECK
6-26" DIA. DERRICK POST VENTS WITH DUCTS .40" THROUGH TRUNK SIDES.</p> <p>FREEBOARD DECK AFT OF AFTER BRIDGE
2-14" DIA. x .36" ; 30" HIGH.
3- GOOSE NECK 7" x 3 1/2" ; 36" HIGH.</p> <p>TRUNK FORWARD.
1-24" DIA. x .40" ; 48" HIGH EFFICIENTLY BRACKETED.
1-24" x 28" x .40" (DUCT) ; 6'-6" HIGH LED ALONG FRONT BKHD. OF DECKHOUSE ON BRIDGE.</p> <p>BRIDGE
1-24" DIA. x .40" ; 48" HIGH EFFICIENTLY BRACKETED.
4 GOOSE NECK 7" x 3 1/2" x 18" HIGH.</p> | <p>AFTER BRIDGE AND EXTENSION AFT OF SAME.
1-24" DIA. x .40" ; 48" HIGH EFFICIENTLY BRACKETED.
4-9" DIA. x .32" ; 21" HIGH.
3-20" DIA. x .40" ; 10' HIGH, SECURED TO BOILER CASING.
2- GOOSE NECK 7" x 3 1/2" ; 18" HIGH.
2-14" DIA. x .48" ; 6' HIGH.
3-10" DIA. x .36" ; 24" HIGH.</p> <p>ALL VENTILATORS OTHER THAN DERRICK POSTS PROVIDED WITH STEEL WATERTIGHT COVERS OR WOOD PLUGS & CANVAS COVERS.</p> |
|---|--|

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

- | | |
|---|---|
| <p>FORECASTLE DECK.
1-3" DIA. x 36" HIGH.
1-4" DIA. x 18" HIGH.</p> <p>FREEBOARD DECK.
FWD. WELL: 8(4P145)-5" DIA. x 36" HIGH.
4(2P125)-4" DIA. x 36" HIGH.</p> <p>WITHIN BRIDGE:
6(3P135)-5" DIA. x 36" HIGH.
2(1P115)-4" DIA. x 36" HIGH.</p> <p>AFTER WELL:
6(3P135)-5" DIA. x 36" HIGH.
6(3P135)-4" DIA. x " "
2(1P115)-6" DIA. x " "</p> | <p>AFTER BRIDGE
4(2P125)-4" DIA. x 18" HIGH.
2(1P115)-6" DIA. x " "
4(2P125)-5" DIA. x " "</p> |
|---|---|

O.F. TANK AIR PIPES PROVIDED WITH WIRE GAUZE & CANVAS COVERS, REMAINDER FITTED WITH WOOD PLUGS OR WITH HINGED STEEL FLAPS LOADED TO CLOSE AUTOMATICALLY (SEE SKETCH)



Blue Star

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

- SCUPPERS IN WELLS (5P155) 5" x 3" CUT THROUGH STRINGER BAR (COMPENSATION PROVIDED)
- ALL SANITARY DISCHARGE PIPES ARE FITTED WITH STORM VALVES.
- OVERBOARD SCUPPERS FROM POOD SPACES AND AFTER BRIDGE SPACES ARE FITTED WITH STORM VALVES AND SCREW-PLUGS FROM INSIDE
- BRIDGE SPACES DRAIN ONTO UPPER DECK THROUGH SCREWED HOLES WITH BRASS PLUGS ATTACHED BY CHAINS.

Particulars of Side Scuttles:—

- SIDE SCUTTLES IN AFTER BRIDGE SPACES, BRIDGE & FORECASTLE ALL OF SUBSTANCIAL CONSTRUCTION AND FITTED WITH HINGED STEEL DEADLIGHTS.

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

38'-2"

Particulars of Guard Rails:—

- ON FREEBOARD DECK, SUPERSTRUCTURES AND TRUNK: 3 GUARDRAILS WITH STANCHIONS 42" HIGH AND 55" APART.

Particulars of Gangways, Lifelines, etc.:—

NONE

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						
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.

over bolted OK

Description of Hatchway	HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
	SMALL CARGO HOLD FWD.	ON TRUNK TOP				ACCESS TO Nos 1 & 2 HOLDS	ACCESS TO Nos 4-5	AFTER BRIDGE	ACCESS TO BALLAST TANKS WITHIN AFTER BRIDGE	FREEBOARD	DECK
Dimensions of Hatchway	10'-3" x 11'-10"	No 1	No 2	No 3	No 4	24" x 24"	23 1/2" DIA.	No 5	23 1/2" DIA.	2 STORES AFT	
COAMINGS	Height above Deck	.30"	47"				9"	24" 9"	47"	24" 9"	30"
	Thickness { Sides	.50"	.44"				.40"	.40"	.44"	.40"	.40"
	{ Ends		.44"				.40"	.40"	.44"	.40"	.40"
	Stiffeners (HORIZONTAL)		7" x 3" x .50"	9" x 3 1/2" x .44" SIDES	7" x 3" x .44" ENDS	7" x 3" x .44" ENDS	-	-	As Nos 1-2 etc	-	-
Brackets, Stays	-	7" x 3" x .50"	9" x 3 1/2" x .44" SIDES	7" x 3" x .44" ENDS	7" x 3" x .44" ENDS	-	-	As Nos 1-2 etc	-	-	
HATCH BEAMS	Number	COVERS IN 5 SECTIONS									
	Spacing	15" x .32" WITH									
FORE AND AFTERS	Number	MAC GREGOR STEEL W.T. HATCH									
	Spacing	EACH .32" THICK WITH 2 WEBS									
HATCH COVERS	Material	STEEL									
	Thickness	.44"									
Spacing of Cleats	Number	22 CLIPS	39"	39"	39"	39"	12"	39"	10 CLIPS	4"	10 CLIPS
	Number of Tarpaulins	-	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

*Are wood fore and afters steel shod at all bearing surfaces?
 Are battens and wedges efficient and in good condition?
 Are tarpaulins in good condition and in accordance with rule requirements?
 Are lashings provided in accordance with rule requirements?

STEEL HINGED W.T. COVERS FITTED. ✓

Particulars of any special features:—

EX-OIL TANKER ^{NOW} CONVERTED INTO DRY CARGO BULK CARRIER WITH TRUNK CONTINUOUS FROM FORECASTLE BULKHEAD TO AFTER END OF No 5 HOLD, AND TOP SIDE WING BALLAST TANKS IN WAY OF MAIN CARGO HOLDS. SCANTLINGS SUITABLE FOR A SUMMER MOULDED DRAUGHT OF 29.385 (FROM TOP OF KEEL).

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.