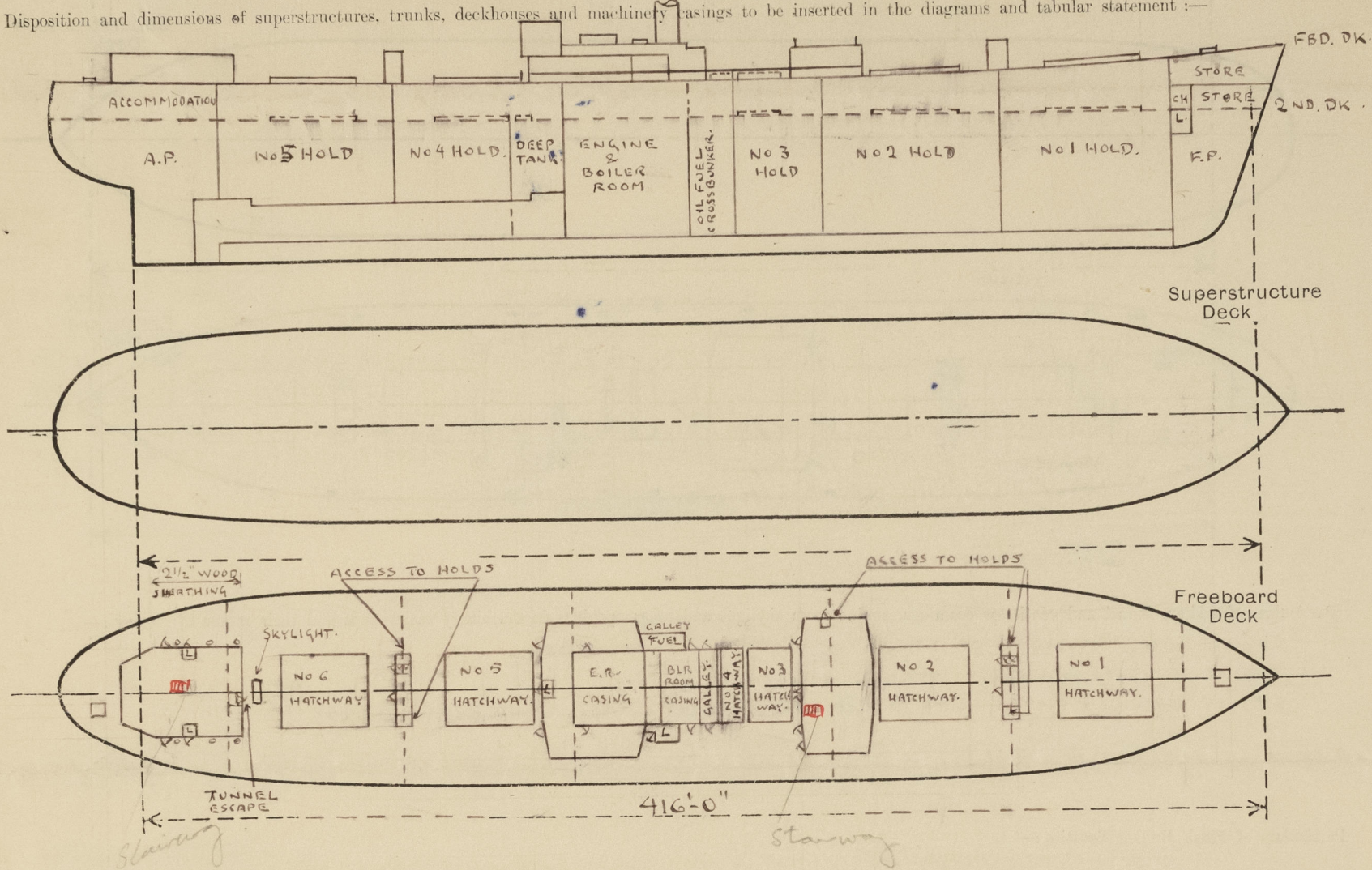


Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

Ship's Name "HUDSON RIVER" Port of Survey STAVANGER  
Official Number 447 Surveyor's Signature J. A. Eide  
Nationality and Port of Registry LIBERIAN, MONROVIA Date of Survey 10th. SEPTEMBER 1954.

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



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 ...								
Bridge, After Bulkhead ... ..								
Bridge, Forward Bulkhead ... ..								
Forecastle Bulkhead ... ..								
Trunk, Aft ... ..								
Trunk, Forward ... ..								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	22 1/2" x .34"	.30"	3" x 3" x .31"	30"-39"	HEAD - BRACKET BOTTOM - CONT.	2 @ 5'-0" x 2'-0"	24"	10'-6"
Exposed Machinery Casings on Superstructure Decks MAST HOUSES.	VERT. PLTG.	.40"	5" x 3" x .38" & DIV. BLK HDS.	33"	BRACKETS TOP & BOTTOM	FOR 5'-0" x 2'-0" AFT 5'-0" x 2'-0"	AT SIDE 18" AT CENTRE 24"	7'-6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances POOP HOUSE MIDSHIP HOUSES	"	.30"	3" x 3" x .31"	MAX. 40" FRONT 34"	BRACKETS TOP & BOTTOM	SEE COMPANIONWAYS	23"	7'-6"
Deckhouses on Flush Deck Ships ...	"	SIDES .30" FRONT .35"	3" x 3" x .31" 5" x 3" x .44" B.A.	MAX. 37 1/2"	ALL BKTD AT TOP ALTERNATE KEELS BRACKETED	- DO -	16 1/2" 18"	7'-6"

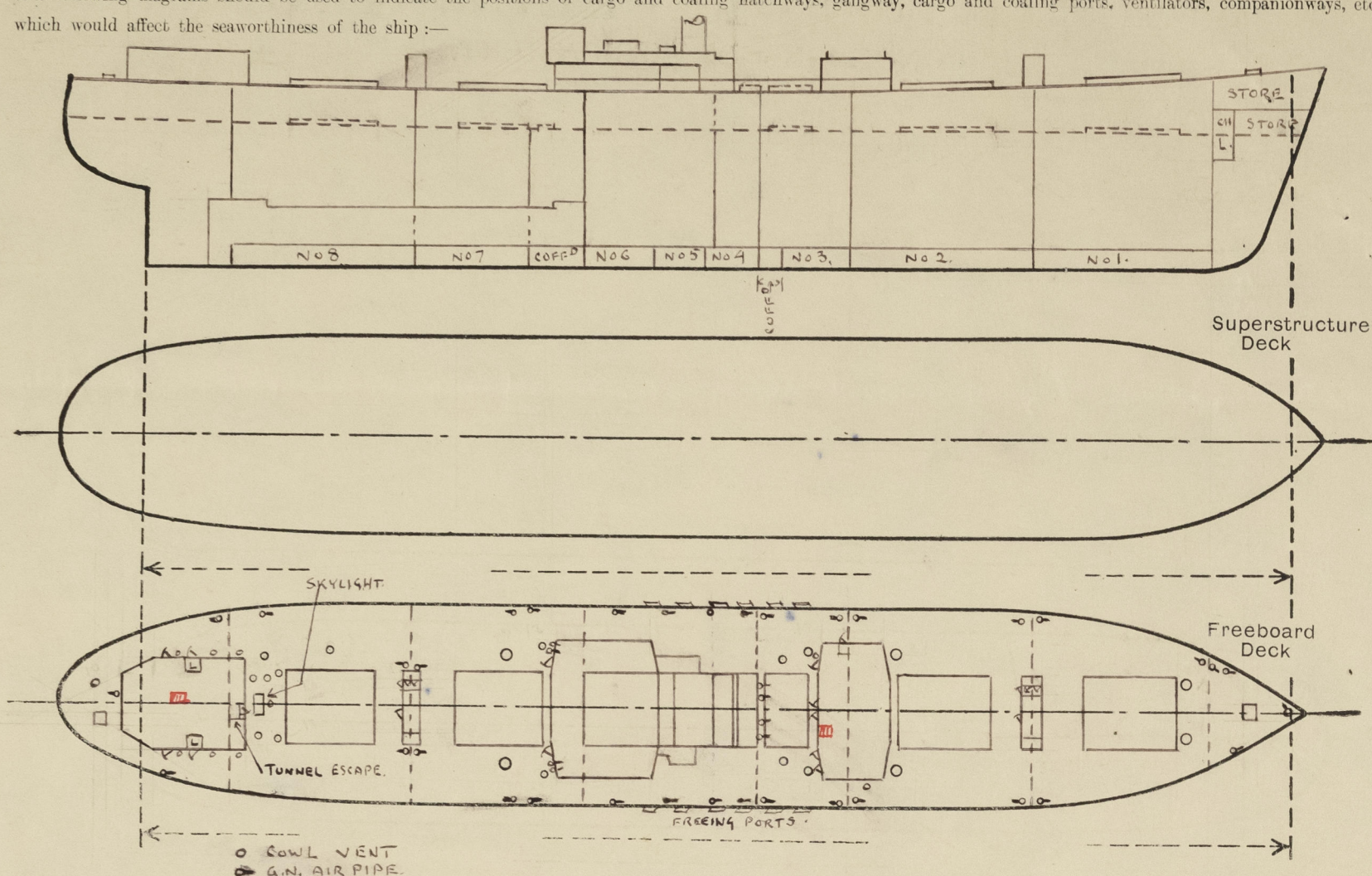
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ... ..	
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ... ..	
Bridge, Forward Bulkhead ... ..	
Forecastle Bulkhead ... ..	
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	HINGED STEEL DOORS. OPERATED FROM BOTH SIDES. ✓
Exposed Machinery Casings on Superstructure Decks MAST HOUSES.	HINGED STEEL DOORS. OPERATED FROM BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances POOP HOUSE MIDSHIP HOUSES	HINGED WOOD DOORS PORT & STARBOARD TO ALLEYWAY. OPERATED FROM BOTH SIDES. HINGED W.T. STEEL DOOR PORT & STARBOARD TO LOCKERS.
Deckhouses on Flush Deck Ships ...	HINGED W.T. STEEL DOOR TO TUNNEL ESCAPE. OPERATED FROM BOTH SIDES. HINGED W.T. STEEL DOOR PORT SIDE MIDSHIPS TO HOLD ACCESS. OPERATED FROM BOTH SIDES. HINGED HARDWOOD DOORS. OPERATED FROM BOTH SIDES.



# 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 SKYLIGHT OF STEEL OF ROBUST CONSTRUCTION.
- FUNNEL & VENT. COAMINGS STRONG CONSTRUCTION.
- FIDDLE OPENINGS FITTED WITH HINGED STEEL COVERS WITH LOCKING ARRANGEMENTS.

Particulars of Flush Bunker Scuttles:—

NONE.

ALL COMPANIONWAY DOORS OPERABLE FROM BOTH SIDES.  
ACCESS TO TWEENDECKS AND LOWER HOLDS PORT SIDE, SALOONHOUSE AND IN BOTH MASTHOUSES, IN EACH MASTHOUSE WHICH HAS 4'-6" x 2'-0" OPENING, SILL 18" WITH HINGED STEEL DOOR, EXCEPT CENTRALLY FITTED DOOR ACCESS TO POOTHOUSE AND ACCOMMODATION BELOW 4'-10 1/2" x 2'-0" OPENING PORT & STARBOARD, SILL 23" ABOVE WOOD DECK SOLID HARDWOOD DOORS.  
ACCESS TO SALOONHOUSE AND CAGIN STORE UNDER 5'-0" x 3'-4" OPENING, 18" SILL WITH SOLID HARDWOOD DOORS, DOUBLE ACCESS TO SALOONHOUSE ALLEYWAY PORT & STARBOARD AFT END AND TO HOSPITAL STARBOARD SIDE AFT END 5'-0" x 2'-0" OPENING, 18" SILL, SOLID HARDWOOD DOORS.  
ACCESS TO DECKHOUSE PORT & STARBOARD ENCLOSING E. ENTRANCES 5'-0" x 2'-0" OPENING 16 1/2" SILL, SOLID HARDWOOD DOORS, ONE SKYLIGHT TO CREWS QUARTERS AFT 3'-6" x 2'-0" COAMING & 25" x 16" ABOVE WOOD DECK FITTED WITH HINGED STEEL COVERS. X ACCESS TO TUNNEL ESCAPE IN POOTHOUSE 3'-11" x 1'-8" OPENING, SILL 24" HINGED WIT. STEEL DOOR OPERATED BOTH SIDES. ACCESS TO GALLERY 5'-0" x 2'-0" OPENING 18" SILL, HINGED STEEL WEATHERTIGHT DOORS, OPERATED BOTH SIDES.  
Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

- 6-24" DIA. COAL VENTS, COAMINGS 36" x 42" TO TWEEN DECKS AND LOWER HOLDS.
  - 2-18" " " " " 10'-6" x 40" " " " STAYED TO SALOON HOUSE.
  - 3-18" " " " " 36" x 40" " " " "
  - 1-18" " " " " 36" x 40" " " " HOLD.
  - 4-12" " " " " 36" x 34" " " " TWEENDECKS.
  - 1-12" " " " " 36" x 34" " " " HOLD.
  - 1-12" " " " " 36" x 34" " " " TUNNEL.
  - 1-10" " " " " 36" x 30" " " " STEERING GEAR SPACE.
  - 7-6" " " " " 36" x 30" " " " CREWS QUARTERS.
  - 2-6" " " " " 36" x 30" " " " CABIN STORE.
  - 2-6" " " " " 25" x 30" " " " DEEPTANK.
  - 1-3" " " " " 27" x 30" " " " FOREPEAK STORE.
  - 4-36" DIA. COAL VENTS " " 15" x 40" " " " TWEEN DECKS AND HOLDS ON MASTHOUSE ROOFS.
- ALL VENTILATORS FITTED WITH WOOD PLUGS AND CANVAS COVERS.

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

- FOREPEAK TANK: 1 G.N. 3' x 27" HIGH & 1 G.N. 3' x 25 1/2" HIGH.
- NO. 1 D.B. TANK: 1 G.N. 2 1/2 x 28 1/2" & 2 G.N. 2' x 30" "
- NO. 2 D.B. TANK: 3 G.N. 3' x 23" " & 1 G.N. 3' x 26" "
- NO. 3 D.B. TANK: 2 G.N. 3' x 23" "
- COFFERDAM: 2 G.N. 2 1/2 x 23 1/2" "
- NO. 4 D.B. TANK: 2 G.N. 3' x 23 1/2" " & 2 G.N. 2 1/2 x 27 1/2" HIGH.
- NO. 5 D.B. TANK: 1 G.N. 2 1/2 x 23" HIGH & 1 G.N. 3' x 25 1/2" HIGH.
- NO. 6 D.B. TANK: 2 G.N. 3' x 26" HIGH & 2 G.N. 3' x 28" HIGH.
- COFFERDAM: 2 G.N. 3' x 23 1/2" HIGH.
- NO. 7 D.B. TANK: 2 G.N. 2 1/2 x 27" & 23" HIGH & 2 G.N. 3' x 27 1/2" & 23" HIGH.
- NO. 8 D.B. TANK: 2 G.N. 2' x 27" HIGH & 1 G.N. 2 1/2 x 28" HIGH.
- AFTPEAK TANK: 2 G.N. 2' x 30" HIGH.
- CROSSBUNKER: 2 G.N. 4' x 40" HIGH.
- SETTLING TANKS: 2 G.N. 4' x 40" HIGH.
- BUILT-IN FW. TANKS: 2 G.N. 3' x 30" HIGH.
- O.F. TANK AIR PIPES PROVIDED WITH WIRE GAUZE & CANVAS COVERS, REMAINDER WITH WOOD PLUGS.

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes:—

- ALL SCUPPERS FROM SPACES BELOW THE FREEBOARD DECK DISCHARGE TO THE BILGES, TWO EACH SIDE TO ENGINE ROOM BILGE.
- ONE EACH SIDE TO NOS. 1, 2, 3, 4 & 5 HOLD BILGE.
- SANITARY DISCHARGES FROM SPACES ABOVE FREEBOARD DECK ARE FITTED WITH BRASS STORM VALVES AT SHIP'S SIDE.

Particulars of Side Scuttles:—

- TO ACCOMMODATION AND STEERING GEAR SPACES BELOW FREEBOARD DECK AFT, 10" DIA. SIDE SCUTTLES, STRONGLY CONSTRUCTED WITH BRASS FRAMES AND HINGED BRONZE DEADLIGHTS.
- TO DECKHOUSES ON FREEBOARD DECK, 15", 12" & 10" DIA. SIDE SCUTTLES, STRONGLY CONSTRUCTED WITH BRASS FRAMES & HINGED MALLEABLE CAST IRON DEADLIGHTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel. SIDE SCUTTLES FITTED BELOW FREEBOARD DECK AFT ONLY.  
VERTICAL DISTANCE OF SILL OF LOWEST SIDE SCUTTLE 34'-0" FORWARD OF AP. 37'-0" ABOVE TOP OF KEEL.

Particulars of Guard Rails:—

- STRONGLY CONSTRUCTED STEEL BULWARKS, WELL STAYED, FITTED ON FREEBOARD DECK FOR ABOUT 36'-0" AT FORE END, ALSO ABREAST MIDSHIP HOUSES.
- ELSEWHERE ON FREEBOARD DECK, STEEL STANCHIONS 3" x 1" FLAT, 3'-6" HIGH, SPACED ABOUT 5'-0" APART WITH 12" DIA. PIPE TOP RAIL & TWO 7/8" DIA. SOLID ROD RAILS.

Particulars of Gangways, Lifelines, etc.:—

- PROVISION MADE FOR RIGGING LIFE LINES ON EACH SIDE OF SHIP, BETWEEN MIDSHIP, DECKHOUSES & FROM ENGINEERS DECK HOUSE TO AFTER DECK HOUSE.

## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Midship Well	127.75'	3'-6"	3'-0" x 9"	6	13.5 SQ. FT.	416
Forward Well	...	...	...	...	...	...

State position of each freeing port ... { Midship Well:—AMIDSHIPS. 4" ABOVE DECK  
(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:— NOS. 1, 2, 3 & 6 FITTED ONE HORIZONTAL BAR. OTHERWISE NO SHUTTERS, RAILS OR BARS FITTED ON REMAINING PORTS NOS. 4 & 5.

Additional area where sheer is less than standard.



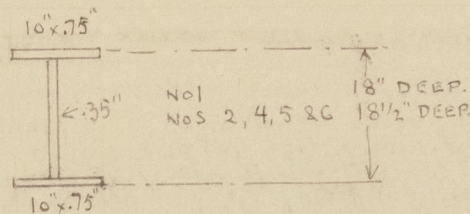
# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. ON FREEBOARD DECK.										CASIN TOP
Description of Hatchway	NO 1 CARGO	NO 2 CARGO	NO 3 CARGO	NO 4 STORE	NO 5 CARGO	NO 6 CARGO	FOREPEAK STORE	STEERING GEAR SPACE		SADDLE BACK
Dimensions of Hatchway	33'-9" x 20'-0"	35'-0" x 20'-0"	15'-0" x 20'-0"	8'-0" x 20'-0"	35'-0" x 20'-0"	35'-0" x 20'-0"	3'-6" x 2'-6"	23" x 19 1/2"		4'-5" x 18'-6"
COAMINGS	Height above Deck	30"	30"	30"	30"	30"	20"	24"		9" x 3 1/2" x 40"
	Thickness { Sides	.44"	.44"	.44"	.44"	.44"	.40"	.40"		B.A.
	Thickness { Ends	.44"	.44"	.44"	.44"	.44"	.40"	.40"		COAMING
	Stiffeners ... B.A.	7" x 3" x .38"	9" x 3 1/2" x .44"	7" x 3" x .38"	7" x 3" x .38"	9" x 3 1/2" x .44"	NONE	NONE		
	Brackets, Stays	.40" FLG.	.40" FLG.	.40" FLG.	.40" FLG.	.40" FLG.	NONE	NONE		
HATCH BEAMS	Number	5	5	2	1	5	NONE	NONE		NONE
	Spacing	5'-7 1/2"	5'-10"	5'-10"	4'-0"	5'-10"				
	Scantling and Sketch	ORIGINAL ONES			10" x 7 1/2"	ORIGINAL ONES				
	MOUNTINGS ON ALL ORIGINAL ONES	18" x 3 1/2" x .38"	18" x 3 1/2" x .34"	16" x 3 1/2" x .34"	18" x 3 1/2" x .35"	18" x 3 1/2" x .34"				
	Bearing Surface	FOR NEW 3"	BEAMS SEE 3"	BEAMS SEE 3"	10" x 7 1/2" 3"	3"				
FORE AND AFTERS	Number									
	Spacing									
	Unsupported Lengths									
	Scantling* and Sketch									
	Bearing Surface									
HATCH COVERS	Material	PINE	PINE	PINE	PINE	PINE	HINGED STEEL W.T. COVER	PINE		PINE
	Thickness	2 1/2"	2 1/2"	2 1/2"	3 1/4"	2 1/2"		2 1/2"		3"
	How fitted	F & A	F & A	F & A	F & A	F & A		F & A		F & A
	Bearing Surface	3"-5"	3"-5"	3"-5"	3 1/2"	3"-5"		3"		3"
Spacing of Cleats	24"	24"	24"	24"	24"	24"	6 DOGS	17"		21"
Number of Tarpaulins	2	2	2	2	2	2	NONE	2		2

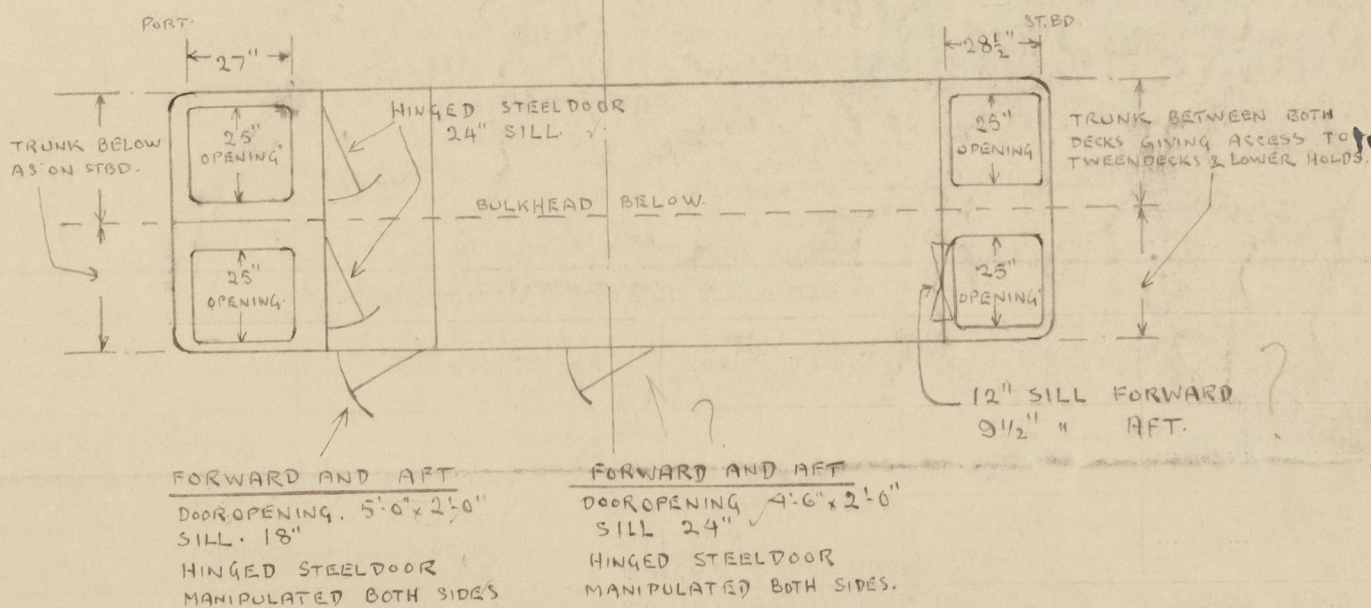
\*Are wood fore and afters steel shod at all bearing surfaces? ALL WOOD COVERS FITTED GALV. END BANDS, EXCEPT ON NO 4  
 Are battens and wedges efficient and in good condition? YES.  
 Are tarpaulins in good condition and in accordance with rule requirements? YES.  
 Are lashings provided in accordance with rule requirements? FLAT STEEL LOCKING BARS FITTED TO ALL MAIN HATCHWAYS.

Particulars of any special features:— THIS VESSEL IS OF THE CLOSED SHELTER DECK TYPE.  
 THE TONNAGE OPENING ABAFT NO 6 HATCHWAY HAS BEEN CLOSED W.T. BY RIVETED  
 STEEL PLATE, EFFICIENTLY SUPPORTED BY A TRANSVERSE BEAM.  
 FOLLOWING HATCHBEAMS RENEWED  
 FREEBOARD DECK:—

NO 1 HATCHWAY: NOS. 1, 2, 4 & 5.  
 NO 2 " " NOS. 1 & 2.  
 NO 4 " " SINGLE ONE.  
 NO 5 " " NOS. 3, 4 & 5.  
 NO 6 " " NOS. 1, 2 & 3.



## FORWARD AND AFT MASTHOUSES



Port of Bergen  
 21st September 1954  
 S.A. Gide.



Lloyd's Register  
 Foundation