

GOVT. C.11 ISSUED 6 SEP 1954

MIDDLESBROUGH RPT. No 20114

Rpt. C.11.

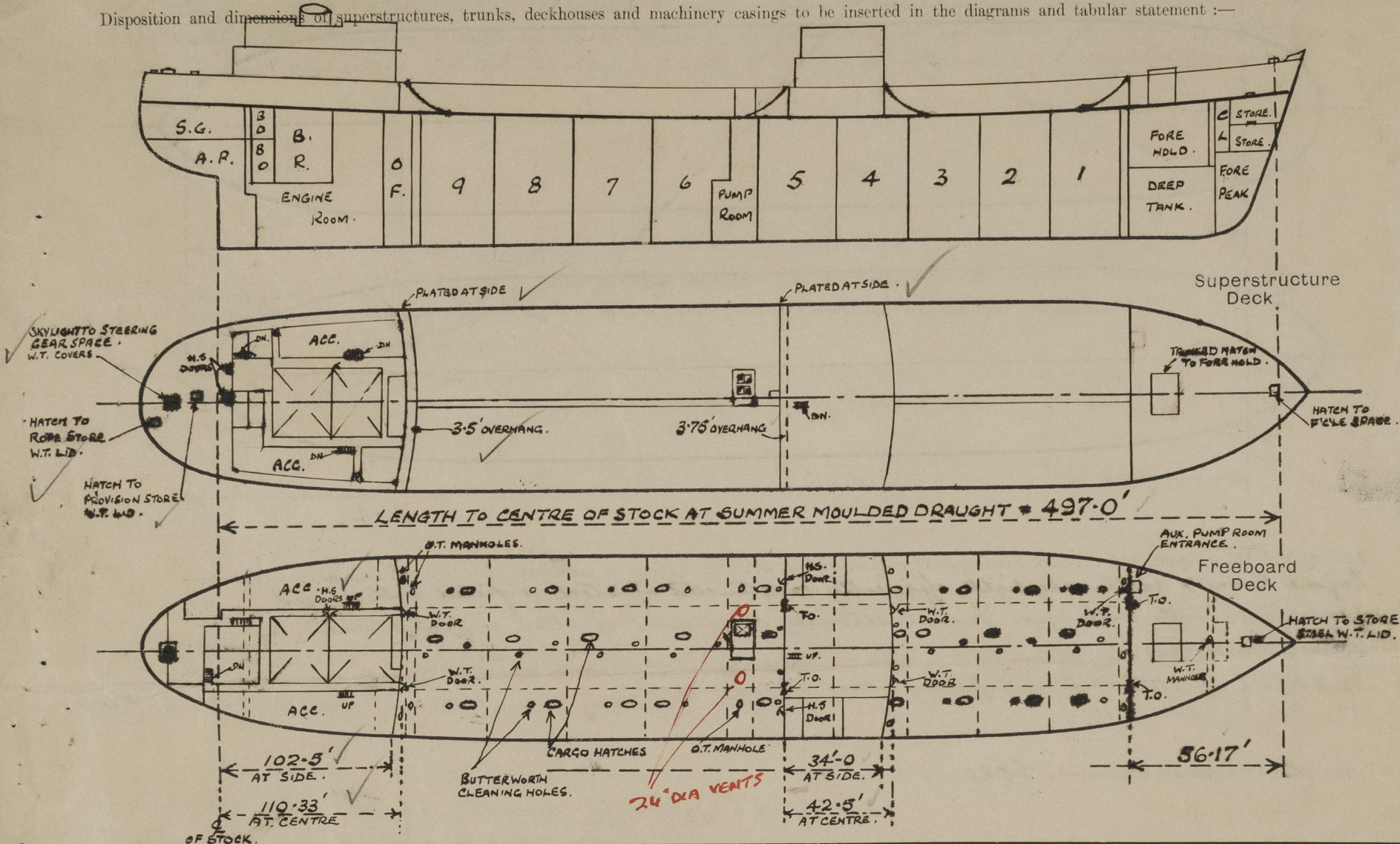
OWNERS' C.11 ISSUED 6 SEP 1954

Index No. (For London Office only.)

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

Ship's Name "CYGNUS" Port of Survey MIDDLESBROUGH.
Official Number 424 CREEK PIRAEUS Surveyor's Signature T. G. Blagden.
Nationality and Port of Registry LIBERIAN MONROVIA Date of Survey WHILST BUILDING.

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	—	44"	10"x3½"x 46 B.A.	24" IN WAY CASING 30" CLEAR	BKTS. TOP & BOTTOM, WELDED AT TOP, 3 WELDED AT BOTTOM.	2@5'-0" x 2'-6"	18"	7'-8"
Raised Quarter Deck Bulkhead ...	—	30"	4"x3"x 40" O.A.	30"	BKTS. AT TOP, SNIPED AT BTM.	2@4'-1" x 3'-1"	18"	7'-6"
Bridge, After Bulkhead	—	44"	10"x3½"x 40 B.A.	30"	BKTS. AT TOP, WELDED AT BTM.	2@5'-0" x 2'-2"	18"	7'-6"
Bridge, Forward Bulkhead	—	30"	4"x3"x 40" O.A.	30"	BKTS. AT TOP, SNIPED AT BTM.	2@4'-1" x 3'-1"	18"	7'-6"
Forecastle Bulkhead	—	42"	7"x3"x 40" B.A. 4"x3"x 40" O.A.	28"	BKTS. AT TOP & BOTTOM.	1@5'-0" x 2'-0"	5'-0"	7'-6"
Trunk, Aft								
Trunk, Forward								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks P.R.								
Exposed Machinery Casings on Superstructure Decks								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances								
Deckhouses on Flush Deck Ships ...								

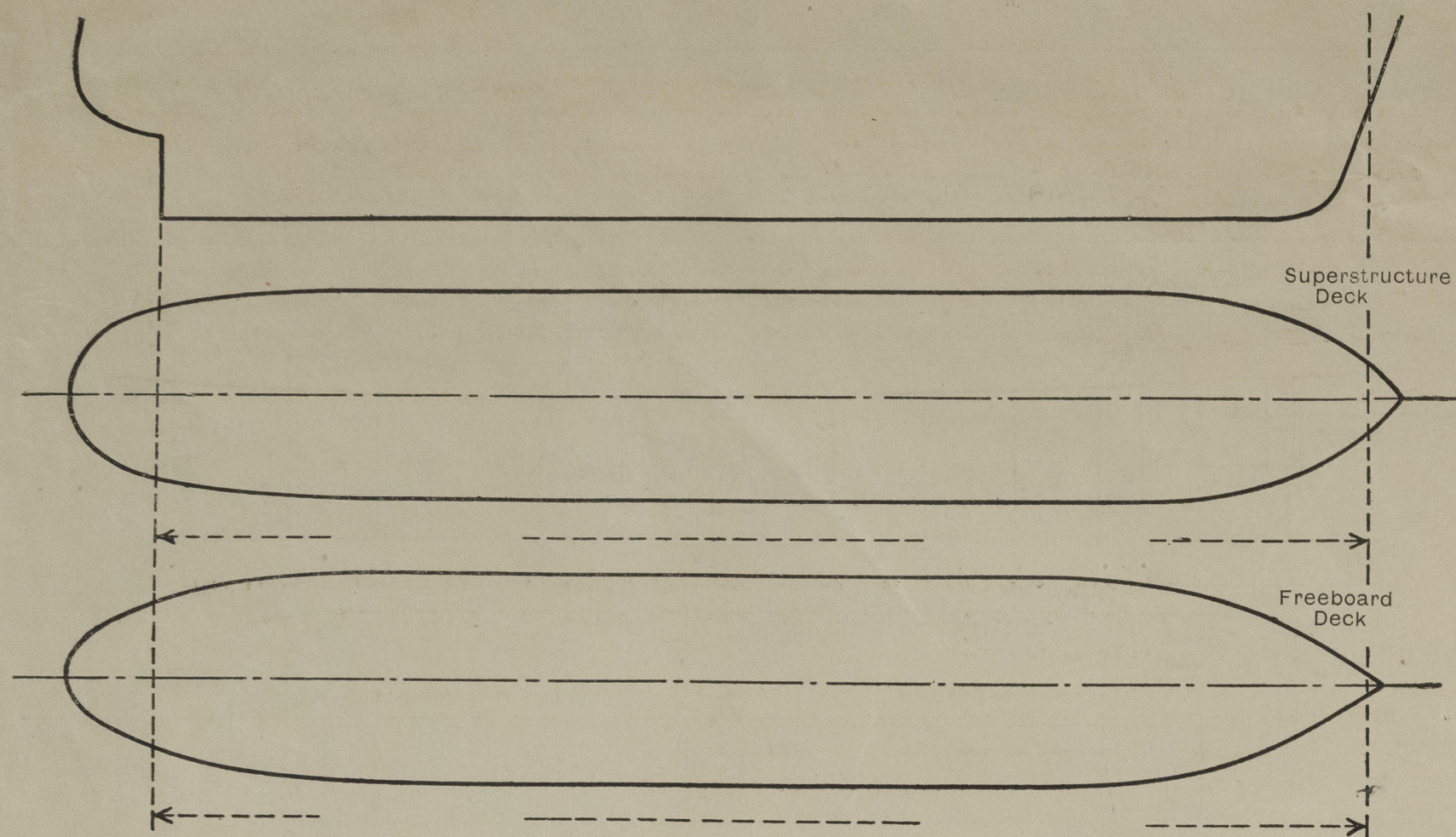
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	Hinged steel W.T. Doors manipulated from both sides.
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead	Portable steel plates with hook bolts & hinged steel doors manipulated both sides.
Bridge, Forward Bulkhead	Hinged steel W.T. Doors manipulated both sides.
Forecastle Bulkhead	Portable steel plates with hook bolts & hinged steel W.T. Door manipulated both sides.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks P.R.	Hinged steel W.T. Door manipulated both sides. ✓
Exposed Machinery Casings on Superstructure Decks	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	
Deckhouses on Flush Deck Ships ...	

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

Engine Room & galley skylights efficiently constructed of steel & fitted with hinged steel flaps with bulldozers. Funnel strongly constructed of steel & fitted with strong steel door.

Ventilators of steel with satisfactory means of closing

No fiddleby openings.

Particulars of Flush Bunker Scuttles:— none.

Particulars of Companionways:— Main Pump Room entrance of substantial construction of steel and well connected to deck, fitted with hinged steel W.T. Door in after end & having a coaming of 5'-0" above the upper deck. Door capable of being manipulated from both sides. Entrance to Aux. Pump Room at Forecastle front, hinged steel W.T. Door with 24" sill & capable of being manipulated from both sides. Entrance doors to Poop deckhouse of wood or steel with 18" coamings.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:— No ventilators in exposed positions on freeboard deck except 2 off coal vents to Main Pump Room 24" dia. & coaming 10'-0" above deck & supported efficiently.

FORECASTLE DK:	2 off coal vents. 12" dia. 34" thickens 36" coaming to Fore & Stores.	Hinged steel W.T. Covers.
2	12" 34" 36"	Fore Hold.
2	12" 34" 36"	Aux. Pump Room
BRIDGE DK:	1 - 9" 32" 30"	Bosuns Store
2	7" 30" 30"	Potato Store
1	7" 30" 30"	Carpenter's Shop
1	10" 32" 30"	Stewards Store
UPPER BRIDGE DK:	1 - 9" 32" 30"	Hospital
1	12" 34" 30"	Rope Store
POOP DK:	1 - 10" 32" 30"	Steering Gear
1	11" 34" 30"	Store
BOAT DK:	1 - 16" 38" 30"	Galley
1	14" 36" 30"	Liveries Mess.
CASING TOP:	1 - 9" 32" 30"	Quarters Mess.
PUMP ROOM ENTRANCE:	1 - 12" 34" 30"	Main Pump Room

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

Air pipes in exposed positions on freeboard deck 36" high or more

" " " " " Superstructure deck 18" high

All air pipes of substantial construction efficiently supported where necessary & provided with efficient means of closing

Particulars of Gangway Cargo and Coaling Ports:— none

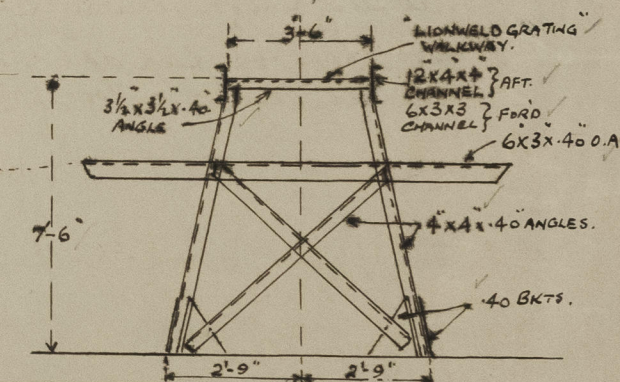
Particulars of Scuppers and Sanitary Discharge Pipes:— No overboard discharges from spaces below freeboard deck. Scuppers & sanitary discharges from nuddies accommodation are led overboard through ships side below freeboard deck in oil cargo tank. These discharges are contained in steel O.T. boxes P.S. Stormvalves of substantial construction are fitted above freeboard deck level, of approved material. Scuppers & sanitary discharges from after accommodation & spaces aft above freeboard deck led through ships side below freeboard deck through automatic non-return valves of substantial construction & approved material. Freeboard deck in wells drained by open bends 75" thick cast steel welded to deck & shell, 5" internal diameter - 6 each side.

Particulars of Side Scuttles:— 10" dia. sidelights fitted in Bridge & Forecastle sides, Thomsen patent lights of substantial construction in steel welded to ships side. Poop sidelights 10" x 12" dia. construction as above. All sidelights fitted with efficient deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel About 42'-0"

Particulars of Guard Rails:— Rails on Forecastle, upper, poop & boat decks 3 rails 3'-6" high stanchions spaced about 5'-0" apart. Guard rails on Fore & aft. gangway 2 rails stanchions 3'-6" high spaced about 5'-0" apart.

Particulars of Gangways, Lifelines, etc.:— Fore & aft gangway of substantial construction, trestles placed 8'-3" apart with deck of 4" x 2" diagonal bracing in after well & 4 sets in forward well.

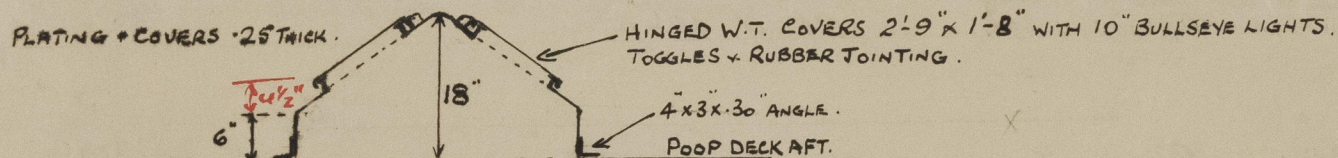


Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	open rails					
Forward Well ...	open rails					
State position of each freeing port ...						
(F. and A. position and height above deck edge)						
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.													
Description of Hatchway			UPPER DECK TO MAIN CARGO TANKS	UPPER DECK IN F.C.L.E FOOD	UPPER DECK TO OFF BUNKER AND MAIN COFFER DAMS	UPPER DECK IN F.C.L.E MANHOLE TO COFFER DAM	UPPER DECK TO PUMP ROOM WINGS	UPPER DECK BUTTERWORTH OPENINGS	FORE DECK TO FORE HOLD	FORE DECK TO F.C.L.E SPACE	POOP DECK TO ROPE STORE	POOP DECK TO PROVISION STORE	
Dimensions of Hatchway			5'-9" x 2'-11" RADIUS ENDS	4'-0" x 3'-0"	24' x 18'	24' x 18'	24' x 18'	12" DIA.	11'-2 1/4" x 10'-0"	3'-9" x 3'-0"	29" x 29"	29" x 29"	
COAMINGS	{	Height above Deck	31 1/2"	10"	9"	-	9"	10"	33"	24"	9 1/2"	9 1/2"	
		Thickness {	Sides	40	40	50	-	50	50	44	40	46	46
			Ends	-	40	-	-	-	-	44	40	46	46
		Stiffeners	-	-	-	-	-	-	-	17" x 1 1/2" x 40 B.A. 3" x 1 1/2" SOLID H.R.	-	-	-
		Brackets, Stays	-	-	-	-	-	-	-	40 BKTS.	-	-	-
HATCH BEAMS	{	Number						The compensation of the deck in way of these holes has been examined & doubling fitted where necessary.	Access manhole to steel catwalk cover 30" x 24" 4" x 3/8" F.S. covering lined steel w.t. cover 50" thick with 8 toggles & greasy coat packing				
		Spacing											
		Scantling and Sketch											
FORE AND AFTERS	{	Number											
		Spacing											
		Unsupported Lengths											
	{	Scantling* and Sketch											
		Bearing Surface											
HATCH COVERS	{	Material	STEEL	STEEL	STEEL	STEEL	STEEL	BRONZE	STEEL	STEEL	STEEL	STEEL	
		Thickness	52	50	50	50	50	75	50	50	50	50	
		How fitted	HINGED O.T. WITH TOGGLES	HINGED W.T. WITH TOGGLES	BOLTED PLATE O.T.	BOLTED PLATE W.T.	BOLTED PLATE O.T.	TOGGLES O.T. JOINT	HINGED W.T. WITH TOGGLES AND PACKING	HINGED W.T. WITH TOGGLES AND PACKING	HINGED W.T. WITH TOGGLES AND PACKING	HINGED W.T. WITH TOGGLES AND PACKING	
		Bearing Surface	AND PACKING	AND PACKING									
Spacing of Cleats			✓	✓	✓	✓	✓	✓	6x3 x 44 ANGLES WELDED TOE ON SP30	✓	✓	✓	
Number of Tarpaulins			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
*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? ✓													

Particulars of any special features:— SKYLIGHT ON POOP DK. AFT. TO STEERING GEAR SPACE.



SMALL HATCHES.

At the owners request the hatches to the Rope store & Provision Room on the Poop deck aft are fitted with coamings 9 1/2" high
The owners state that these hatches will not be opened at sea.