

Index No.
(For London Office only.)

NEWCASTLE-ON-TYNE

Port of Survey.....

Surveyor's Signature *W. D. Vinton John M. Taylor*

Date of Survey During alterations Nov. 1950 / Jan. 1951

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

The diagrams illustrate the layout of the USS Albatross (SS-218) across three levels: Superstructure Decks and Freeboard Deck.

Superstructure Decks:

- Plan View (Top):** Shows the arrangement of compartments including St. Cr., Stores, Machy. Space, O.P. Bkr. PLS, Pump Rm, No. 7 Cr. to No. 1 Cr., Wings, Fore Hold, and Store. Accommodation (Accom.) spaces are located above and below the main deck areas.
- Side View (Middle):** Shows the profile of the Superstructure Decks. Key dimensions include 21'-3", 70'-3", 4'-9", 258'-0", and 29'-9". The diagram also indicates the location of Accommodation (Accom.) spaces, Casings, and various hatches (H.O., T.O., M.H.).

Freeboard Deck:

- Side View (Bottom):** Shows the profile of the Freeboard Deck. Key dimensions include 384'-0". The diagram also indicates the location of Accommodation (Accom.), Machy. Space, Casings, Galley, and various hatches (H.O., T.O., M.H.).

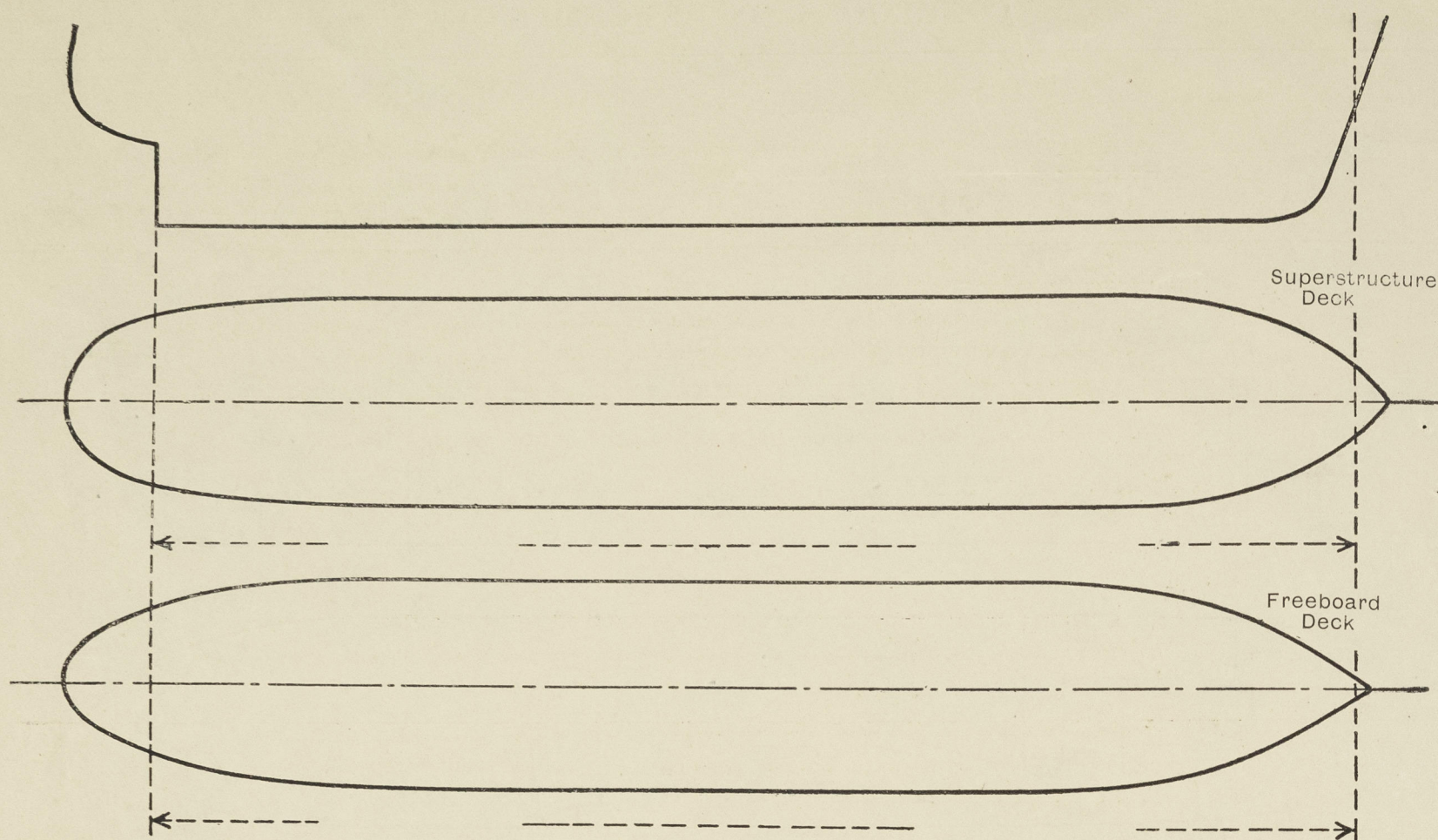
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead, Forward ...	-	.44" ✓	9" x 3½" x .38" B.A.	2'-6" ✓	Lugged at top and bottom	2 @ 4'-6" x 2'-3"	24"	8'-0"
Raised Quarter Deck Bulkhead, Aft. House	-	.38"	6" x 3" x .40" B.A.	2'-9"	Welded at top and bottom	2 @ 4'-6" x 2'-3" 2 @ 4'-6" x 2'-0"	27"	8'-0"
Bridge, After Bulkhead ...	-	.25"	3½" x 3½" x .25" O.A.	3'-0"	Riveted to boundary angles	2 @ 4'-0" x 3'-0"	24"	7'-6"
House Bridge, Forward Bulkhead32"	.28"	{ 5½" x 3" x .25" B.A. with 3½" x 3½" x .40 reverse bars	2'-4¾"	Lugged at top, welded at btm.	1 @ 5'-0" x 4'-0"	24"	7'-6"
Forecastle Bulkhead... ..	-	.30"	{ 4" x 3½" x .32" O.A. ± 2 @ 6" x 3" x .32" B.A. in way of girder	2'-6"	{ Bracketted top & bottom in way of girder Welded at top & bottom elsewhere	2 @ 4'-0" x 3'-0"	24"	7'-6"
Trunk, Aft	-							
Trunk, Forward	-							
Exposed Machinery Casings on Free-board or Raised Quarter Decks...	-							
Exposed Machinery Casings on Super-structure Decks ... Poop Deck...	.38"	.25"	3½" x 3" x .25" O.A.	2'-5" to 2'-8"	{ Bracketted at top no connection at bottom - stiff. continuous	-	-	7'-6"
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 , Forward ...	Ringed steel w. J. Doors, operated from both ends. ✓
Raised Quarter Deck Bulkhead, Aft.	Ringed steel and wood doors, operated from both sides. ✓
House Bridge, After Bulkhead ...	} Portable steel plates, secured by hooked bolts. ✓
House Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	-
Exposed Machinery Casings on Super-structure 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 skylight, funnel and ventilator coamings strongly constructed of steel. Fiddle openings in casing top fitted with strongly constructed hinged steel door covers.

Particulars of Flush Bunker Scuttles:— *none fitted.*

Pump room entrance - Plating 50", stiff 4" x 3" x 38" (port & side), 3" x 3" x 30" (end). Stiffs welded to deck and welded or bracketed at top. Deck opening 5'6" x 4'1". 2 steel skylights 5'3" x 4'0". W.T. Door at after end 5'0" x 2'6" x 24" craming, with toggles operated from both sides.

Particulars of Companionways:—
Steering gear Comp. etc. - Companionway strongly constructed of steel with wood door, 4'9" x 2'0" x 27" craming, operated from both sides.
Port accommodation - on Boat deck - Companionway strongly constructed of steel with wood door, 5'0" x 2'0" x 18" craming, operated from both sides.

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

1 @ 8" dia. 36" x 30" craming. L One peak store.
3 @ 10" " 36" x 32" " " Fore. twin deck.
2 @ 10" " 36" x 32" " " Hold space forward.
2 @ 21" " 36" x 40" " " Pump room.
1 @ 8" " 36" x 30" " " Steering gear space.
4 @ 6" " 36" (governor) " Stores and twin deck space aft.

all ventilators fitted with steel or wood plugs and canvas covers.

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

- On Forecastle deck, and upper deck -
6", 5", 3", 2 1/2" dia. opening 36" above deck to Peaks, Q.B. and S.W. Tanks, after peak store, accommodation spaces and middle trunk.
4" dia. opening 36" above deck to Oil fuel cross bunker.
8" dia. opening 36" above deck to No. 7 centre tank (water ballast)

all air pipes fitted with wood plugs or gauges and canvas covers.

Particulars of Gangway Cargo and Coaling Ports:— *none fitted.*

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers and sanitary discharges from spaces above the foreboard deck fitted with brass automatic non return storm valves at ship's side. 1 @ 6" dia and 1 @ 4" dia. discharges port and starb amidships, fitted with brass automatic non return valves at ship's side, and screw down valve in bridge space.
2 1/2" dia. scuppers from steering gear and cross alleyway spaces aft, led to engine room bilge and fitted with self closing cocks.
6 slots, 4" x 2", cut in stinger angle port and starb, to drain upper deck.

Particulars of Side Scuttles:—

To steering gear, cross alleyway spaces aft, and engineers workshop - 10" dia strongly constructed with brass frames and hinged steel deadlights.

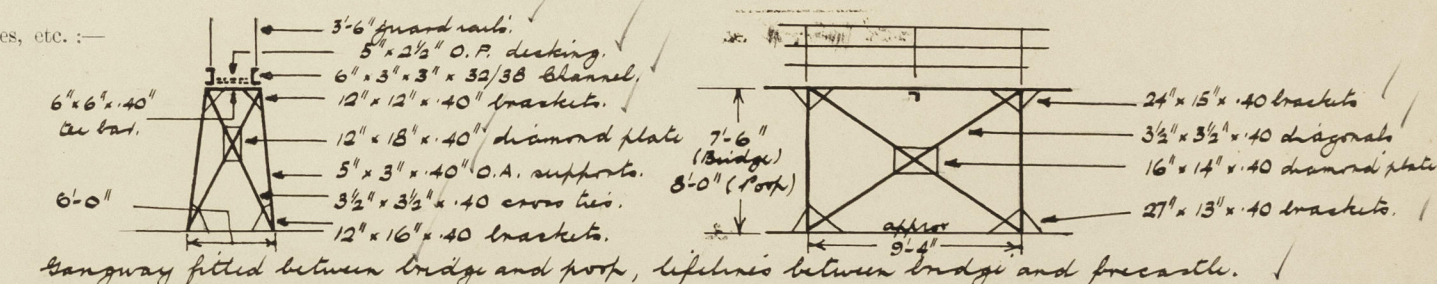
To port accommodation, above upper dk, and bridge space, - 10", 12", 14", 16" dia. strongly constructed with brass frames and hinged steel deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 25'-9" above top of keel at 20'-1/2" forward of A.P.

Particulars of Guard Rails:—

Strongly constructed steel bulwarks, efficiently stayed, fitted on upper deck for approx. 20'-6" abaft forecastle bulkhead, and for approx. 15'-0" fwd. of prop. elsewhere on upper and forecastle decks, strong steel stanchions 3'-6" in height, spaced about 5'-0" apart, fitted with 3 rails and efficiently stayed.

Particulars of Gangways, Lifelines, etc.:—



Particulars of Freeing Arrangements. (see Scuppers above)

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	-	-	-	-	-	-
Forward Well	-	-	-	-	-	-
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.										
Description of Hatchway	Cargo Tks. 14 off	No. 1 Cr. Tk. 1 off.	Fore. Cargo Hold	San. discharge Fore. C/D. duct, amidships P & S.	O.F. X. Bkn. P & S.	To After Tween Dk.	To Fore Peak Store	To Fore Store	To Fore Store	
Dimensions of Hatchway	4'-0" dia.	4'-0" dia	8'-0" x 8'-0"	2'-0" x 1'-7"		2'-2" x 2'-2"	1'-8" x 1'-9"	1'-8" x 1'-9"		
COAMINGS	Height above Deck ... Thickness ... Stiffeners ... Brackets, Stays ...	10" .75" ✓	10" .75" ✓	2'-7" .44" .44" ✓ 2 port, 2 star 2 fore, 1 aft.	6" 6" x 3 1/2" x 38" O.A. ✓	6" 6" x 3 1/2" x 38" O.A.	9" 9" x 3 1/2" x 45" O.A. ✓	6" 6" x 3 1/2" x 38" O.A.		
HATCH BEAMS	Number ... Spacing ... Scantling and Sketch ...									
None fitted.										
Bearing Surface ...										
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ...									
None fitted.										
Bearing Surface ...										
HATCH COVERS	Material ... Thickness ... How fitted ... Bearing Surface ...	Steel O.T. .40" Hinged	Steel O.T. .40" Riveted top fitted with 18" x 14" steel manhole cover secured by 3/4" bolts spaced 3 1/2" apart	Steel W.T. .44" (with 2 7" x 3" x 38" stiffs.) Hinged.	Steel O.T. .40" Portable	Steel W.T. .40" Hinged	Steel W.T. .40" Hinged	Steel W.T. .40" Hinged		
Spacing of Cleats	8 toggles		10 toggles		Secured by 7/8" bolts 4" apart.	6 toggles	5 toggles	5 toggles		
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:— none.



© 2020

Lloyd's Register
Foundation