

30 OCT 1948

Index No. 39906
(For London Office only.)

Ship's Name "AYONDENE" Port of Survey WEST HARTLEPOOL
Official Number 182885. Surveyor's Signature W. D. Johnston
Nationality and Port of Registry BRITISH LONDON Date of Survey Whit- Building

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

7'-6" 11'-2 1/2" 8'-6" 14'-8"

Superstructure Deck

EFFICIENT W.T. STEEL CASING SURROUNDING STAIRWAY. (A)

WT. STEEL TRUNK (B)

TUNNEL ESCAPE

TUNNAGE OPENING PTS 5'-1" x 2'-1" IN DECK HOUSE SIDES, WITH STORM IN FULL HEIGHT RIVETED CHANNELS

No 6 No 5 No 4 No 3 No 2 No 1

3L.R. 3R.

Freeboard Deck

REFRIG. STORE

T.O. 5'-0" x 3'-1"

3" Coarings

full height riveted channels

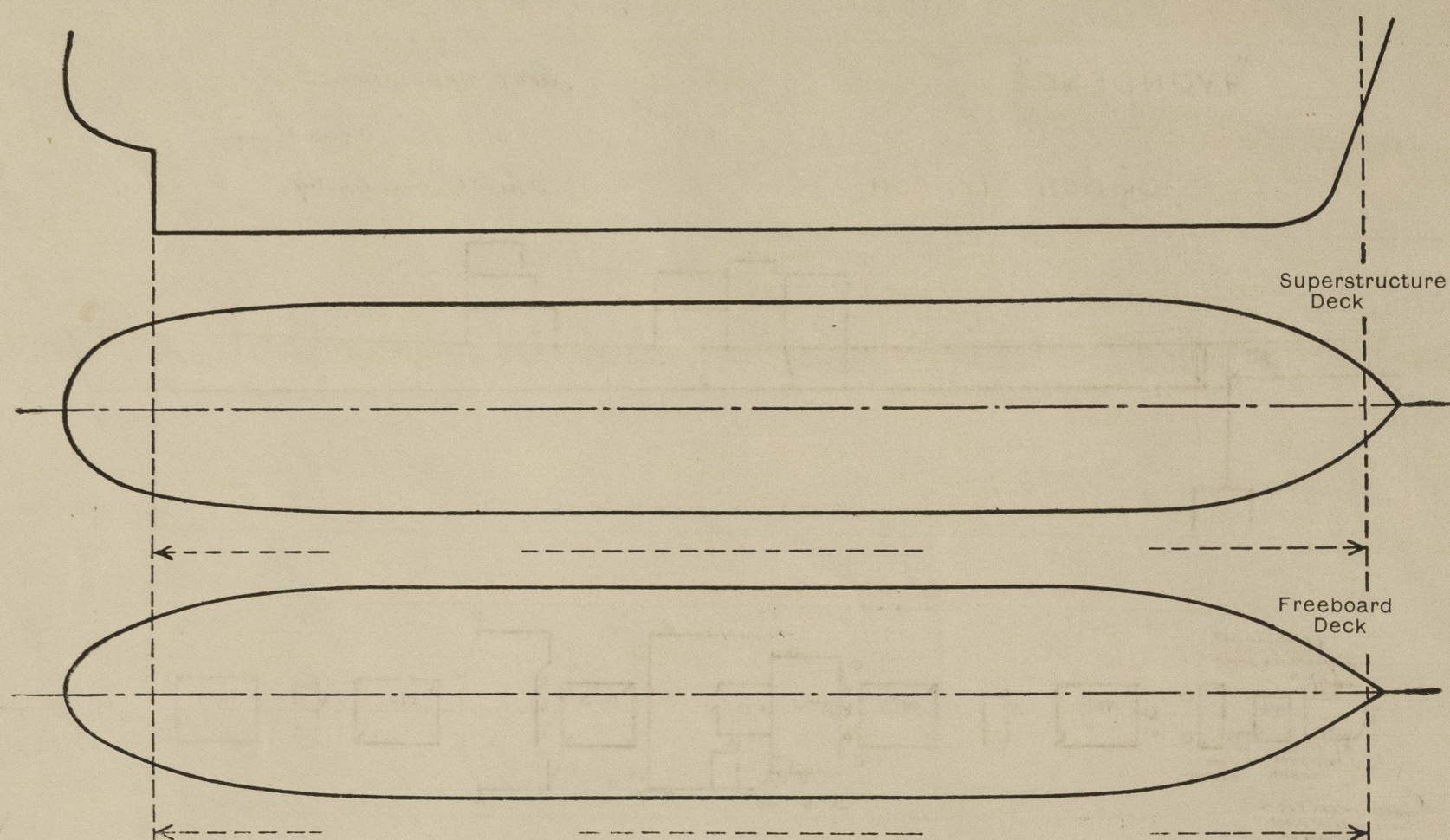
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	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead30	.26	4" x 3" x .32 ₂₁₃	30"	NONE	2-5'-1" x 3'-2"	18"	7'-6"
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	-	-	-
Bridge, After Bulkhead28	5" x 3" x .34	30"	NONE	2-5'-1" x 3'-2"	18"	11'-2"
Bridge, Forward Bulkhead				✓				
Forecastle Bulkhead				✓				
Trunk, Aft				✓				
Trunk, Forward				✓				
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...				✓				
Exposed Machinery Casings on Super-structure Decks	ER 30 ³⁰ ✓	.30 ✓	6" x 3" x .38	30"	Continuous	3-5'-0" x 2'-0"	18" ✓	16'-3"
Machinery Casings within Superstructures not fitted with Class I Closure Appliances	✓ 30 ³⁰	.26 .30	6" x 3" x .38 4" x 3" x .40	30" 27 1/2 36"	" BKT T x B	✓ 4-5'-0" x 2'-0"	✓ 18" ✓	8'-6" 8'-0"
Deckhouses on Flush Deck Ships ...	30 ³⁰	.26	3" x 2 1/2" x .30 4" x 3" x .32 3" x 2 1/2" x .30	24 1/2 27" 28" 36"	" " "	✓ 2-5'-0" x 2'-0"	18" ✓	7'-6"

Poop Bulkhead	<i>3" storm boards in full height riveted channels.</i>	✓
Raised Quarter Deck Bulkhead ...		
Bridge, After Bulkhead	<i>3" storm boards in full height riveted channels.</i>	✓
Bridge, Forward Bulkhead		✓
Forecastle Bulkhead		✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...		✓
Exposed Machinery Casings on Super-structure Decks	<i>Hinged steel doors operated from both sides.</i>	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances		✓
Saloon	<i>4 - 15/8" hinged H.W. doors operated from both sides.</i>	✓
Deckhouses on Fore & Aft Ship's ...	<i>15/8" " " " "</i>	✓

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

Funnel, Vent coamings, & engine room skylight of steel & strong construction.
Efficient hinged steel covers, fitted over fidley gratings.

Particulars of Flush Bunker Scuttles:— none

Particulars of Companionways:—

Companionways incorporated in 2 mast houses on Shelter deck (C) Companionway incorporated in entrance on freeboard deck to escape from funnel
poop deck house (A) hinged door leading to forward holds in B.R. casing, trunked to escape trunk from No 1, 2, 4, 5 to shelter deck
5'-0" x 2'-0" to poop space, overhead steel hinged door 4'-9" x 2'-0" Coal bunker, steel door 5'-0" x 2'-0" holds, steel door 5'-0" x 2'-0" Efficient steel
from both sides, Sill 18" high, operated from both sides operated from both sides operated from both sides coaming, with w.t.
w.t. steel casing surrounding stairways, Sill 24" RE 18" high Sill 18" high Sills 18" high Vantle 24" high
(6) To stem space, hinged door 5'-0" x 2'-0" operated from both sides, Sill 18" Surrounded by w.t. steel trunk. hinged w.t. cover
operated from both sides

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

Shelter deck: 1-6 Vent to F. PEAK STORE coaming 36" x 30" 2-12 Vents to steering gear on poop house top 18" x 34"
2-18 " " No 1 HOLD & TUN DECK " 36" x 40" 3 efficiently constructed derricks port & starboard.
8-18 " on TOP OF MAST HOUSES " 15 1/2" x 40"
2-9 " To STORE on Tun deck " 36" x 32"
2-12 " To deep tank " 36" x 34"
2-18 " To No 3 Hold " 10-0" x 40" staggered
2-9 " To tween deck " 36" x 32"
2-12 " To " " 36" x 34"
4-12 x 4 " To " " 36" x 34"
2-18 " To Hold & tween deck " 36" x 40" Closing appliances supplied.
2-4 " To air space (B.R.) " 36" x 30"
1-12 " To funnel escape " 36" x 34"

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

Shelter deck: 1-4 AIR PIPE to FORE PEAK 18" high 2-5 AIR PIPES to No 5 D.B. 18" high
" 1-3 " A+F " " 18" " 2-3 1/2 " " " " 18" high
" 1-4 AIR PIPE " No 1 D.B. 18" " 2-5 " " " " 18" "
" 2-5 " " " No 2 D.B. 18" " 2-3 1/2 " " " " 18" "
" 2-3 1/2 " " " " 18" " 2-2 " " " " 18" "
" 2-5 " " " No 3 " 18" " 2-3 1/2 A+F " No 7 D.B. 18" "
" 2-3 1/2 " " " " 18" " 2-3 AIR PIPES " No 8 D.B. 18" "
" 2-5 " " " No 4 " 18" " 1-3 " " AFT PEAK STORE 18" "
" 2-6 " " " deep tank 18" " 1-3 " " to Reader trunk 18" "
" 1-4 " " " Settling tank 18" " 1-4 " " AFT PEAK 18" "
" 2-4 " " " Oil bunkers 18" " 1-3 A+F " " " 18" "

Closing appliances supplied to air pipes
to water tanks, air pipes to oil tanks
fitted with gauge.

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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway	No 1	No 2	No 3	2 DEEP TANK HATCHWAYS	No 4	No 5	20 TRIMMING HATCHES	DEEP TANK 2 TRIMMING HATCHES	
Dimensions of Hatchway	29'-3" x 22'-0"	35'-0" x 21'-0"	20'-0" x 22'-0"	10'-0" x 15'-0"	30'-0" x 22'-0"	30'-0" x 22'-0"	2'-3" x 2'-0"	2'-3" x 2'-0"	
COAMINGS	Height above Deck	12' x 3 1/2" x 4'5"	12' x 3 1/2" x 4'5"	12' x 3 1/2" x 4'5"	12' x 3 1/2" x 4'5"	12' x 3 1/2" x 4'5"	9' x 3 1/2" x 4'5"	9' x 3 1/2" x 4'5"	
	Thickness	5"	5"	5"	5"	5"	5"	5"	
	Sides	✓	✓	✓	✓	✓	✓	✓	
	Stiffeners	✓	✓	✓	✓	✓	✓	✓	
HATCH BEAMS	Number	5	7	4	2	5	5	5	
	Spacing	4'-10 1/2"	4'-7 1/2"	3'-4 1/4"-4'-6 1/2"	5'-0"	5'-0"	5'-0"	5'-0"	
	Scantling and Sketch	40 I 25	38 I 21	36 I 17	40 I 10	38 I 20 1/2	40 I 22	✓	✓
	BEAMS FITTED	✓	✓	✓	✓	✓	✓	✓	
FORE AND AFTERS	Number	5	7	4	2	5	5	5	
	Spacing	4'-10 1/2"	4'-7 1/2"	3'-4 1/4"-4'-6 1/2"	5'-0"	5'-0"	5'-0"	5'-0"	
	Unsupported Lengths	✓	✓	✓	✓	✓	✓	✓	
	Scantling* and Sketch	✓	✓	✓	✓	✓	✓	✓	
HATCH COVERS	Material	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	MEP STEEL INTERLOCKING HATCH COVERS F & A 3"	
	Thickness	3"	3"	3"	3"	3"	3"	3"	
	How fitted	✓	✓	✓	✓	✓	✓	✓	
	Bearing Surface	✓	✓	✓	✓	✓	✓	✓	
Spacing of Cleats	24"	24"	24"	24"	24"	24"	24"	24"	
Number of Tarpaulins	1	1	1	1	1	1	1	1	

*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:—

how repaired as
being wood covers

N.D. Johnston
10.11.20 25/10/48

Particulars of Gangway Cargo and Coaling Ports :— none. ✓

Arondene.

Particulars of Scuppers and Sanitary Discharge Pipes :— Soil pipes from Saloon, amidship, & after accommodation lead overboard above freeboard deck & fitted with brass storm valves. ✓
Bath & sink wastes from Saloon & amidship accommodation lead overboard above freeboard deck without valves. ✓
Scuppers from cold chambers lead to bilges & fitted with water traps. ✓
Scuppers from ^{freeboard deck} machinery space lead to bilges & fitted with self closing cocks. (2 P & 2 S) ✓
Scuppers from boiler room flat lead to bilges, without cocks. ✓
Scuppers from steering gear house lead overboard above freeboard deck, with storm valves. ✓
Scuppers from special cargo space lead into tomage well & fitted with brass screw plugs. ✓
Scuppers 6 1/2 x 3 1/2 from tomage well lead overboard above freeboard deck, geared & operated from shelter deck, with indicator fitted to show when open or shut. ✓
Scuppers (P & S) in shelter tween deck at forward end of hold led to bilges & fitted with screw down valve, geared & operated from shelter deck, with indicator fitted. ✓
Scuppers (P & S) in shelter tween deck at after end of after hold & led into tumal well & fitted with self closing cock at lower end of scupper pipe. ✓

Particulars of Side Scuttles :— Side scuttles in poop space, fitted with efficient hinged dead lights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel :— Side scuttles fitted above freeboard deck. ✓

Particulars of Guard Rails :— Shelter deck :— 3 tier rails 3-7 high with stanchions 4-6 apart ✓
Abreast accommodation :— Bulwarks 3-7 high, 6" D.P. rail bar. ✓
Forward :— " " " " " " ✓

Particulars of Gangways, Lifelines, etc. :— not required. ✓

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	} Shelter deck	} Open Rails	} ✓			
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	TO FORE PEAK	No 1	No 2	No 3	No 4	No 5	No 6	TONNAGE HATCH		
Dimensions of Hatchway	4'-0" x 3'-0"	29'-3" x 22'-0"	32'-6" x 22'-0"	32'-6" x 22'-0"	30'-0" x 22'-0"	30'-0" x 22'-0"	9'-0" x 16'-0"	4'-6" x 16'-0"		
COAMINGS	Height above Deck ... 30" Thickness ... 4 4 Stiffeners ... 4 4 Brackets, Stays ... 4 4	31" 4 4 4 4 4 4	31" 4 4 4 4 4 4	31" 4 4 4 4 4 4	31" 4 4 4 4 4 4	31" 4 4 4 4 4 4	31" 4 4 4 4 4 4	31" 4 4 4 4 4 4	9" x 3 1/2" x 50 J COAMING	
HATCH BEAMS	Number ... Spacing ... Scantling and Sketch ... REETH ROLLER BEAMS FITTED Bearing Surface ...	5 4'-10 1/2" 36 19" 5"	6 4'-8" 34 15 1/2" 5"	6 4'-8" 34 15 1/2" 5"	5 5'-0" 34 15 1/2" 5"	5 5'-0" 34 15 1/2" 5"	5 5'-0" 34 15 1/2" 5"	1 4'-6" 30 14 1/2" 5"		
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ... Bearing Surface ...			4-12" x 3 1/2" x 45 9" x 3 1/2" x 47 3 1/2" x 40 flat STIFFENERS						
HATCH COVERS	Material ... Thickness ... How fitted ... Bearing Surface ...	Efficient Steel w T cover secured by 20996.			M.E.P. STEEL INTERLOCKING HATCH COVERS F + A 3"				Wood 2 1/2" F + A 3	
Spacing of Cleats		24"	24"	24"	24"	24"	24"			
Number of Tarpaulins		2	2	2	2	2	2			
*Are wood fore and afters steel shod at all bearing surfaces? ✓ Are battens and wedges efficient and in good condition? 745 ✓ Are tarpaulins in good condition and in accordance with rule requirements? 745 ✓ Are lashings provided in accordance with rule requirements? 745 ✓										

Particulars of any special features :-

Now all
wood covers



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