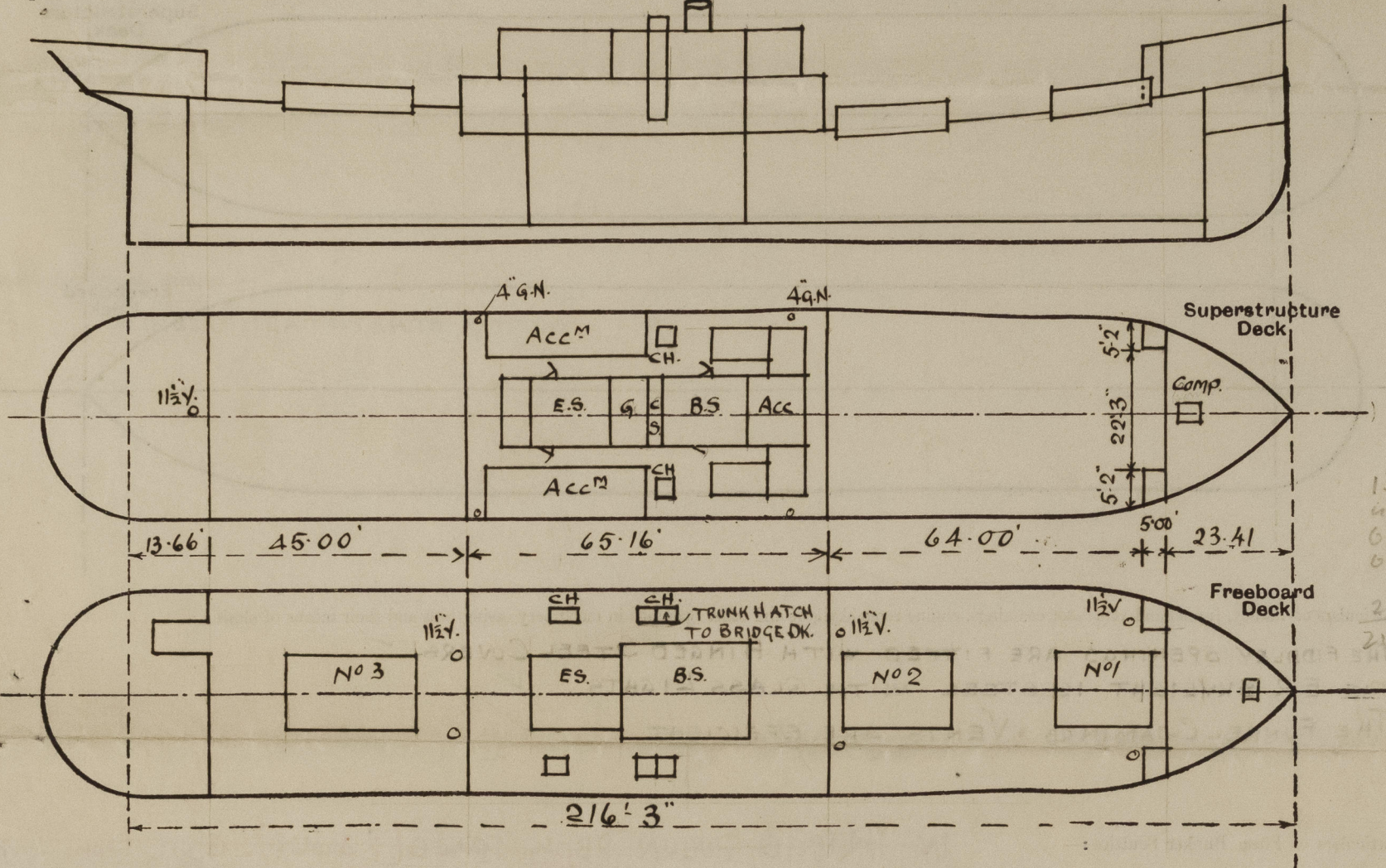


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

N^o 34299

Ship's Name "EMPIRE CONGERSTONE" EX "ERMLAND" Port of Survey SUNDERLAND.
Official Number 180665 Surveyor's Signature P. H. roundall
Nationality and Port of Registry BRITISH - LONDON. Date of Survey SEPTEMBER, 1945

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



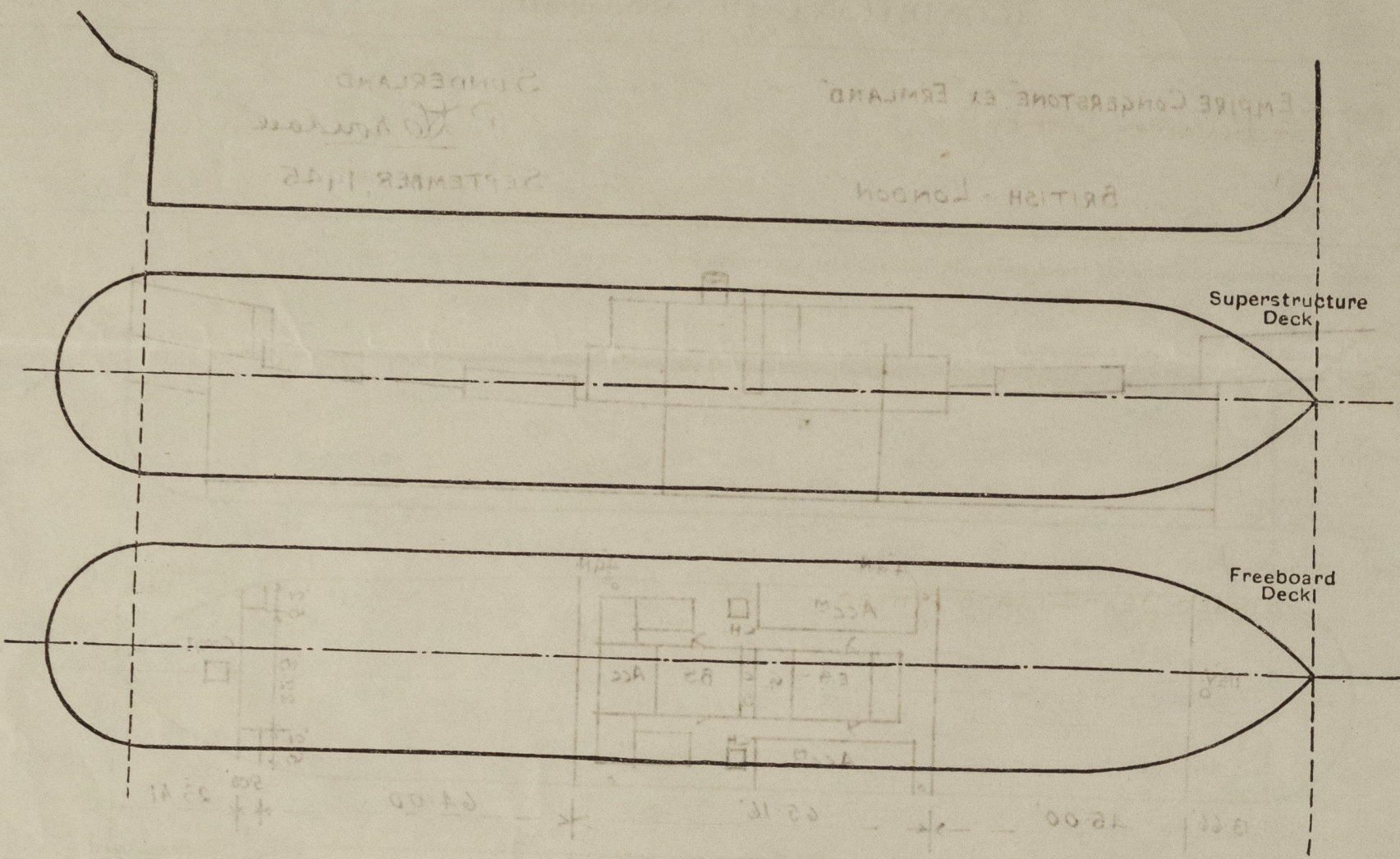
Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	—	.22"	3x.22 FEW.	26	NIL.	OPEN.	—	7'6"
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, After Bulkhead	—	.30	5x2½x320A	30"	BRACKETS TOP & BOTTOM	4'9x24" HIGH	14"	7'4"
Bridge, Forward Bulkhead ... ..	.38	.32	7x3x45 BA	30"	BRACKETS TOP & BOTTOM	4'2x36½"	22	7'4"
Forecastle Bulkhead ... ..	.32	.27	Lined in.	—	—	4'6x28"	18-24"	7'6"
Trunk, Aft	—	—	—	—	—	—	—	—
Trunk, Forward	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Superstructure Decks ... ..	.40	.36	2½x2½x26"	23"	PART BRACKETS AT TOP.	5'0x24"	18"	7'3"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	.38	.32	3x2½x30"	RIVETED TO BEAMS AT TOP.	22½"	NONE.	—	—
Deckhouses on Flush Deck Ships ...	—	—	—	—	—	—	—	—

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

Poop Bulkhead	INTACT.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead	BOLTED PLATES - BOLTS SP. 4" TAPPED THRO' BULKHEAD.
Bridge, Forward Bulkhead	PORTABLE PLATES WITH HOOK BOLTS.
Forecastle Bulkhead	HINGED STEEL DOOR - OPERATING BOTH SIDES
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks	HINGED STEEL DOORS OPERATING EITHER SIDE.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	No OPENINGS.
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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :
THE FIDDLY OPENINGS ARE ENTERED WITH HANDED S

THE FIDDLY OPENINGS ARE FITTED WITH HINGED STEEL COVERS
THE E.R. SKYLIGHT IS STEEL WITH GLASS LIGHTS. ✓
THE FUNNEL COAMINGS & VENTS ARE EFFICIENT. ✓

THE FUNNEL COAMINGS & VENTS ARE EFFICIENT.




Particulars of Flush Bunker Scuttles :—

~~IN BRIDGE TWEEN DECK SPACE (P.A.S.) - Cart iron cover~~
~~with hayonet joint, fitted with 9" coaming, covers, cleats~~
~~Tarps and baling arrangements.~~

Particulars of Companionways :—

FOULE DK:- STEEL COMPANION WITH HINGED STEEL DOOR - OPERATING EITHER SIDE
OPENING 4'5" x 18½" SILL 12½"

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

FOILED DK:- 2 @ 6" DIA. COAMING 30"x-20"
FREE^{AP} DK:- 4 @ 11 1/2 " " 36"x-34" 
BRIDGE DK:- 4 G.N. 4" DIA x 8" TO MOUTH.
R.Q. DK:- 2 @ 11 1/2" DIA COAMING 30"x-34" 
POOP DK:- 1 @ 11 1/2 " " 30"x-34" 

~~* Being removed to
size given~~

ADDITIONAL CLOSING WOOD PLUGS & CANVAS COVERS.

On Foyle 2-6" dia. eoraming 30" x 30" wood plugs and canvas covers
2-6 " " 16" with French type head.

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

FOCLE DK:- 1 @ 1 1/2 x 27" TO MOUTH. 2 @ 1 1/2 x 6" TO MOUTH.
FREERD DK:- 2 @ 1 1/2 x 36" " "
BRIDGE DK:- 2 @ 1 1/2 x 32" " "
POOP DK:- 1 @ 1 1/2 x 18" " "

CLOSING WOOD PLUGS.

Particulars of Gangway Cargo and Coaling Ports :—

NIL.

Particulars of Scuppers and Sanitary Discharge Pipes :

STORM VALVES FITTED

Particulars of Side Scuttles :—

HINGED DEAD LIGHTS FITTED.

Vertical distance of Sill of lowest Side Scuttle above top of keel NONE BELOW FREEBOARD.

Particulars of Guard Rails :—

FOOTLE DK:- 2 TIER RAILS 3'2" HIGH. STANCHIONS SPACED ABOUT 4'3" APART.
FREE^{BD} DUN:- BULWARKS 4'0" (4'5")

FREE^{BD} DR. BULWARKS 4'-0" " 6'-4" B.P. " 5'-7" RAIL 6"x3" SECTION

BRIDGE DK:-	"	3'-7"	"	5" BP	"	5'-7"	"	5" x 3"	"	with adequate footing pmt area
RQ. DK:-	"	3'-11"	"	6 1/2 BP	"	5'-7"	"	6" x 3"	"	
POOP DK:-	2 TIER RAILS	3'-4"	"	"	"	4'-8"	APART.			

Particulars of Gangways, Lifelines, etc. :—

LIFE-LINE OVER HATCHES ON FREE^{BD} DECK WITH GANGWAY BETWEEN HATCHES.

Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
R.O.D. After Well	45'-00"	3.92'	2.50' x 1.56' 2.50 x 1.56	2 1	7.80 ^{Total} 3.9 11.7	11 ϕ
Forward Well	64'-00"	4.00'	2.50' x 1.56'	3	11.70 ϕ	13 ϕ

State position of each freeing port After Well:— 7' 4" + 26' 0" FROM BRIDGE END TO FORE END OF OPENING.

(F. and A. position and height above deck edge) { Forward Well:— 7'3" 28'2" + 52 1/2" " FOCLE SIDE HEAVE " " " " " ALL 10' A ABOVE DECK.

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.										
			FREEBOARD		BRIDGE		CASING TOP		FREEBOARD	
Description of Hatchway			Nº 1	Nº 2	Nº 3	COAL HATCH	COAL HATCH	FORE PEAK	COAL HATCH	COAL HATCH
Dimensions of Hatchway			20'7" x 14'6"	24'3" x 14'6"	24'3" x 14'6"	3'9" x 3'1"	2'4" x 11'5"	1'6" x 18"	3'9" x 3'1"	3'6" x 2'6"
COAMINGS	Height above Deck	...	33"	33"	33"	18"	22 1/2"	6"	4'3" x 3'4"	4'3" x 3'4"
	Thickness	Sides ...	45"	45"	45"	32"	32"	28"	9"	9"
	Stiffeners	Ends ...	38"	38"	38"	-	-	-	-	-
	Brackets, Stays	6" B.P. ...	6" 10" APART	8" 1"	8" 1"	-	-	-	-	-
HATCH BEAMS	Number	...	2	2	2					
	Spacing	...	6' 10"	8' 1"	8' 1"					
	Scantling and Sketch	...	3 1/2" x 40"	3 1/2" x 40"	3 1/2" x 40"					
	Bearing Surface	...	2 1/4" x 3"	2 1/4" x 3"	2 1/4" x 3"					
FORE AND AFTERS	Number	...	3	3	3					
	Spacing	...	3' 8"	3' 8"	3' 8"					
	Unsupported Lengths	...	6' 3 1/2"	7' 6 1/2"	7' 6 1/2"					
	Scantling* and Sketch	...	CENTRE 7 1/2" x 7 1/2" WOOD	7 1/2" x 7 1/2" WOOD	7 1/2" x 7 1/2" WOOD					
HATCH COVERS	Material	...	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.
	Thickness	...	2 1/2"	2 1/2"	2 1/2"	2"	2 1/4"	3"	2 1/4"	2 1/4"
	How fitted	...	T.	T.	T.	T.	T.	T.	T.	T.
	Bearing Surface	...	2"	2"	2"	2"	2 1/4"	1 3/4"	2 1/4"	2 1/4"
Spacing of Cleats			...	24' 3/4"	24' 3/4"	24' 3/4"	24'	24'	24'	24'
Number of Tarpaulins			...	2	2	2	2	2	2	2
*Are wood fore and afters steel shod at all bearing surfaces?			YES.							
Are battens and wedges efficient and in good condition?			YES.							
Are tarpaulins in good condition and in accordance with rule requirements?			ALL BEING RENEWED.							
Are lashings provided in accordance with rule requirements?			LOCK BARS.							

Particulars of any special features:—

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.



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