

THE BRITISH CORPORATION REGISTER OF
SHIPPING AND AIRCRAFT

CYPRUS C. SURVEY FOR FREEBOARD

(DRY CARGO SHIP)

STEAMER, TANKER, SAILER, ~~SM~~E¹¹

EMPIRE FABLE"

WITH TIMBER DECK CARGO
WITHOUTNationality ~~BRITISH~~ CYPRUS

Builders' Name and No. of Ship RICHARD DUNSTON LTD

Port of Registry ~~HOUL~~ FUMAGUSTA

Official Number 180283

Owners ~~CYPRUS COASTAL LINE LTD LEMACA~~ HESSLE
MINISTRY OF WAR TRANSPORT. Cyprus

Gross Tonnage 411

(MGRS) GENERAL STEAM NAVIGATION CO LTD

Date of Build AUG. 1944.

Port and Date of survey HESSLE DURING CONSTRUCTION.

Name of Surveyor W. J. NOBLE

Particulars of Classification B. SX (COASTING SERVICE) Names of Sister Ships EMP. FACTOR, FAIRHAVEN, FASHION et.

Type of Superstructures POOD & FORECASTLE

Trade of Ship

Service Endorsement if any

SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (.....wood.....steel)

TROPICAL FRESH WATER LINE above centre of disc	2 1/2"	Corresponding Freeboard	1' - 6"
FRESH WATER LINE " " "	2 1/2"	" "	1' - 3 1/2"
TROPICAL LINE " " "	0	" "	1' - 3 1/2"
WINTER LINE below " "	2 1/2"	" "	1' - 6"
WINTER NORTH ATLANTIC LINE " " "	4 1/2"	" "	1' - 8 1/2"
			1' - 10 1/2"

SUMMER TIMBER FREEBOARD recommended amidships from top of deck line

TROPICAL FRESH WATER Timber line above L.S.		Corresponding Freeboard
FRESH WATER " " " "		" "
TROPICAL " " " "		" "
WINTER " " below "		" "
WINTER NORTH ATLANTIC " " " "		" "

Number of years recommended for load line certificate

The scantlings and protective arrangements being in accordance with the Load Line Rules it is submitted that the freeboards be assigned

Chief Surveyor

Passed at a meeting of the Committee of Management of the British Corporation Register of Shipping and Aircraft

on the 6TH SEPTEMBER 1944



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Foundation
Secretary

004986-009493-0039 1/8

COMPUTATION OF FREEBOARD

Length on summer load line $141'-0"$ / Moulded Breadth $27'-0"$ / Moulded Depth $11'-0"$ / Depth of Keel $\frac{1}{2}"$
 Moulded displacement (ex bossing) at moulded draught of 85 per cent. of moulded depth 725 Tons @ $9'-4\frac{3}{16}"$
 Co-efficient of fineness for use with tables $\frac{\Delta \times 35}{L \times B \times D \times 85} = 7130$
 Displacement and tons per inch immersion in salt water at summer load line $742 \text{ tons. } 7.95 \text{ tons @ } 9'-6"$
 Moulded depth $11'-00"$ / Deduction for Fresh Water $\frac{\Delta}{40T} = 2.333$ inches
 Stringer Plate $3/8"$ / Round of Beam Correction 0.031
 Sheathing on exposed deck T $(\frac{L-S}{L})$ / Ships Round of Beam 0.000 inches
 Rise of floor (in sailers) $-$ / Standard Round of Beam $\frac{B \times 12}{50} = 6.48$
 Depth for Freeboard (D) $11'-031"$ / Difference 6.48
 Table Depth $13'$ / Restricted to 9.400
 Depth Correction $1/30 \times 1.631$ / Correction 1.631
 If restricted by superstructures 1.7690

	Enclosed Length	Length of Overhang	Height	Mean Covered Length (S)	Height Correction	Effective Length (E)	
Poop	37'-6 3/4"		7'-0"	41.26		41.26	Standard Height of Superstructure 6'-0"
Raised Quarter Deck							" " R.Q.D.
Bridge							Percentage covered S/L = 40.34%
Forecastle	13'-8 1/2"	1'-10"	8'-0"	15.63		14.83	" " E/L = 65.46%
Trunk Aft	35'-1"		7'-0"	27.27		23.39	" " from Table line A, B, corrected for
" Forward	27'-10"		3'-4"	18.26		8.26	because of forecastle if required 55.28%
Tonnage Opening Aft	18'-10"		3'-4"	14.56		4.56	Percentage from Table by interpolation for Bridge
" Forward							less than .2L if required =
Totals				56.89		92.30	Deduction = $20.1 \times 5528 = 11.11 \text{ off.}$
				52.21		81.19	Percentage from Table for Tankers (or Timber ships) =
				52.21		81.19	Deduction =

Station	Actual Sheer	Standard Sheer	Effective Sheer	S.M.	S.	Product	Mean Actual sheer aft	Mean Actual sheer forward
A.P.				1			" Standard "	" Standard "
1/2 L from A.P.				4				
1/2 L from A.P.				2				
Amidships				4			Length of enclosed superstructure forward of amidships	Length of Ship
1/2 L from F.P.				2			Length of enclosed superstructure aft of amidships	Length of Ship
1/2 L " "				4				
F.P.				1			Sheer Correction = Difference $\times (75 - \frac{S}{2L}) = 12.05 \times .5483 = 6.6070$	
				18				
Effective Mean Sheer								
Standard " "								
Difference								

TABULAR FREEBOARD corrected for flush deck if required = 14.33 Correction for co-efficient = $\frac{1393}{136} \times 14.33 = 14.68$

	+	-			
Depth correction	1.77				
Deduction for superstructures		11.11			
Sheer correction	6.61				
Round of Beam correction	.37				
Correction for thickness of deck amidships					
Other corrections, scantlings, etc.	5.68				
	14.43	11.11	3.32		
Summer Freeboard in inches	1'-6"		18.00		
Additional allowance for superstructures on					
Timber carrying ships					
Summer Timber Freeboard in inches					

AGREED WITH J.M.B. THAT DRAUGHT (M.D.) SHOULD BE RESTRICTED TO $9'-6\frac{3}{8}"$ IN SALT WATER. 0039 218

Form LL. 4.D.

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD

CONDITIONS OF ASSIGNMENT

SHIPS NAME *CYPRUS C. EMPIRE FABLE* OFFICIAL NUMBER *180 283*

Nationality and Port of Registry *BRITISH CYPRIAN.*HULL *FAMAGUSTA*

PARTICULARS OF SUPERSTRUCTURES, TRUNKS, CASINGS, DECKHOUSES

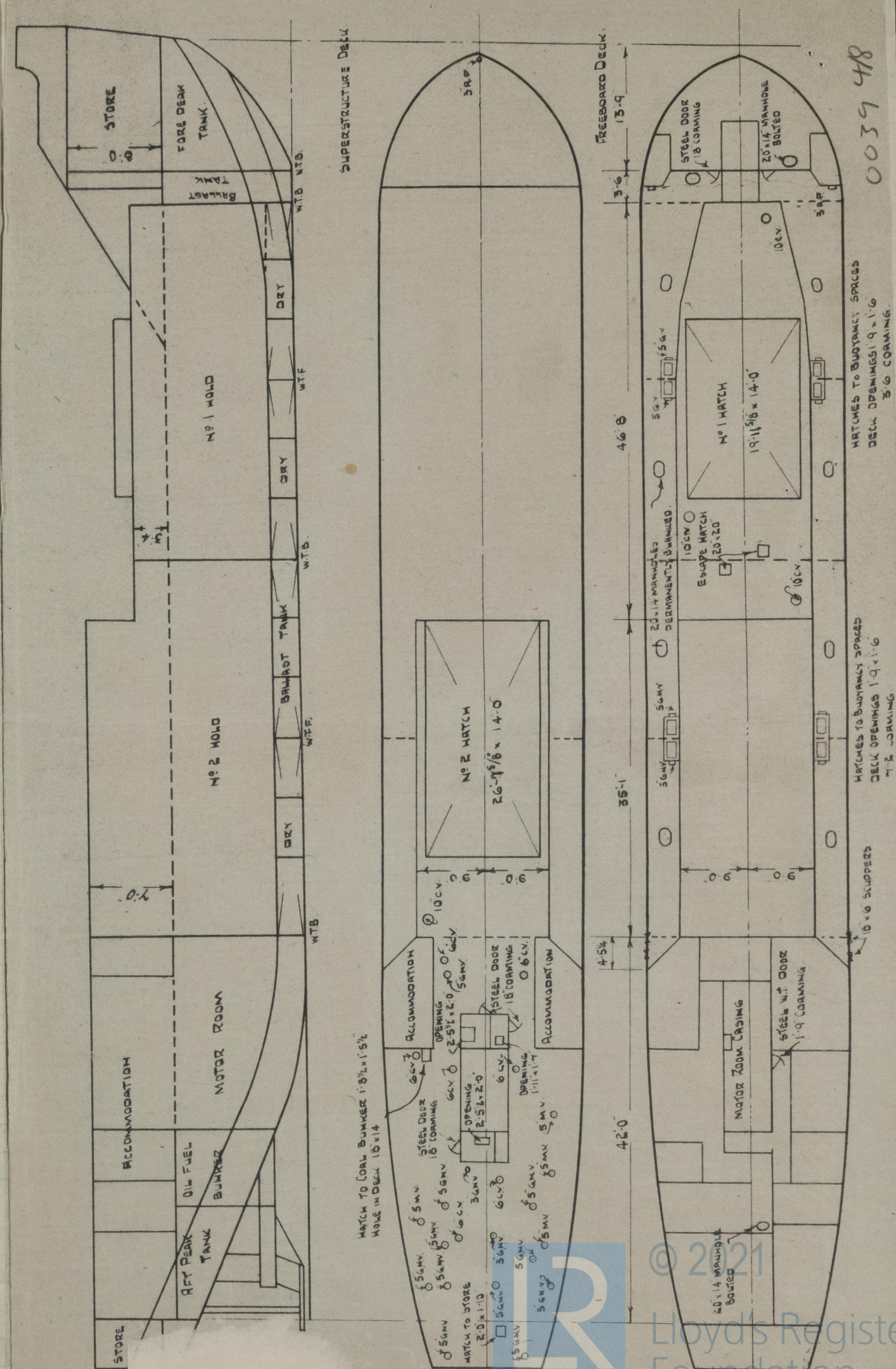
	Coaming	Plating	Stiffeners	Spacing	End Attachments	No. and size of Openings	Height of Sills	Height of Casings
Poop Bulkhead		5/16"	5" x 5/16"	2'-3"	WELDED	2 @ 10" DIA	5'-1"	7'-0"
R.Q.D. "								
Bridge Aft Bulkhead								
" Forward "								
Forecastle Bulkhead		5/16"	3" x 3" x 1/4"	2'-0", 2'-5"	WELDED	2 @ 4'-1" x 1'-10"	1'-3"	8'-0"
Trunk, Aft		5/16"	3 1/2" x 5/16"	1'-10"				7'-0"
" Forward		5/16"	4" x 5/16"	1'-8"				3'-4"
Exposed Machinery Casings on Freeboard or R.Q. Decks								
Exposed Machinery Casings on superstructure decks	5/16"	1/4"	4" x 5/16"	1'-9"	WELDED AT TOP & BOTTOM			8'-3", 8'-5"
Machinery Casings within Superstructures not fitted with Cl. 1 closing appliances								
Deckhouses on flush deck ships								

PARTICULARS OF CLOSING APPLIANCES (state if capable of being manipulated from both sides)

Poop Bulkhead	No opening.
R.Q.D. "	
Bridge Aft Bulkhead	
" Forward "	
Forecastle Bulkhead	HINGED STEEL DOORS OPERATED BOTH SIDES
Exposed Machinery Casings on Freeboard or R.Q. decks	
Exposed Machinery Casings on superstructure decks	
Machinery Casings within superstructures not fitted with Cl. 1 Closing Appliances	
Deck houses on Flush Deck ships	

PARTICULARS OF FREEING ARRANGEMENTS

	Length of Bulwark	Height of Bulwark	No. and size of Freeing Ports each side	Area each side	Rule Area
After Well			SEE SKETCH.		
Forward Well					
State fore and aft position and height above deck to bottom of port, for each port					
State whether freeing ports are fitted with shutters, bars or rails, and give particulars					
Give particulars of freeing port area, etc., on superstructure decks					



PARTICULARS OF ALL HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Number and description of Hatchway from forward	UPPER DECK				POOP DECK		
	Nº 1 HATCH	Nº 1 & 2 HOLD ESCAPE HATCHES	Nº 2 HATCH	HATCH TO 1 & 2 BUOYANCY SPACES	HATCH TO 3 & 4 BUOYANCY SPACES	* HATCH TO GALLEY BUNKER	HATCH TO AFTERSTORE
Dimensions of Hatchway	19'-11 5/8" x 14'-8 3/4"	1'-8" x 1'-8"	26'-7 7/8" x 14'-8 3/4"	4'-0" 2'-3" AT TOP 2'-0" AT DK.	4'-0" 2'-3" AT TOP 2'-0" AT DK.	1'-8 1/2" x 1'-5 1/2"	2'-0" x 1'-10"
COAMINGS	Height above } steel { deck } wood { Thickness { sides } ends	4'-2" ABOVE DK 10" COAMING	4'-10" ABOVE DK 18" COAMING	7'-10" ABOVE DK 10" COAMING	3'-6"	1'-4 1/2"	1'-6"
	1/2" 1/2"	5/16" 5/16"	1/2" 1/2"	5/16" 5/16" 5/16" 5/16"	5/16" 5/16"	5/16" 5/16"	5/16" 5/16"
Stiffeners							
Brackets or Stays							
HATCH BEAMS	Number	2.	3				
	Spacing	6'-8"	6'-8"				
Scantling and Sketch	2" x 3/8" FLAT 10" x 6" x 40 LBS JOIST 3"		2" x 3/8" FLAT 10" x 6" x 40 LBS JOIST 3"				
Bearing Surface and thickness of carriers or sockets	1"		1"				
FORE AND AFTERS	Number						
	Spacing						
Unsupported lengths							
Scantling and Sketch							
Bearing Surface and thickness of carriers or sockets							
HATCH COVERS	Material	WOOD	STEEL	WOOD	STEEL	STEEL	WOOD
	Thickness	2 7/8"	1/4"	2 7/8"	5/16"	5/16"	2 5/8"
How Fitted	F & A		F & A				F & A
Bearing Surface	3"	1" PACKING	3"	1" PACKING.	1" PACKING	1" PACKING	2"
Spacing of Cleats	24"	2 DOGS	24"	6 JOGS.	6 JOGS.	WITH PADLOCK	2 EACH SIDE
Number of Tarpaulins	2		2	& WING NUTS.	& WING NUTS.	NONE.	2.

Are tarpaulins in good condition and in accordance with rule requirements?

Are lashings provided in accordance with rule requirements?

YES
YES

Are wood fore and afters steel shod at all bearing surfaces?

Are battens and wedges efficient and in good condition?

NONE FITTED
YES

Fiddley, Funnel and Vent Coamings, Engine Room skylight and other openings in Machinery Casing tops and their means of closing (state height of coamings, type of fiddley covers, and if these are permanently attached in their proper positions)

Flush Bunker Scuttles on freeboard and superstructure decks (state material, type of joints, etc., and if secured by hinge or permanent chain attachment)

Companionways on freeboard and superstructure decks (state material, height of doorway sills, type of doors, and if these can be closed and secured from both sides)

Ventilators in exposed positions on freeboard, raised quarter and superstructure decks to spaces below freeboard decks and fully enclosed superstructures enclosed by Class 1 appliances (state height of steel coamings, pitch of rivets in deck connection, type of closing arrangements)

Alrpipes in exposed positions on freeboard, raised quarter and superstructure decks (state height to opening and if satisfactory closing arrangements are provided)

Scuppers and Sanitary Discharge Pipes (state material, type and number of valves)

Side Scuttles to spaces below freeboard and superstructure decks (state type or pattern, and if permanent or portable deadlights are supplied)

Vertical distance of sill of lowest side scuttle below top of freeboard deck at side amidships

Guard Rails on freeboard and superstructure decks (state type and where fitted)

Gangways and Lifelines

Gangway, Cargo and Coaling Ports in sides of ship

NONE

SUPPLEMENTARY REQUIREMENTS FOR STEAMER CARRYING TIMBER DECK CARGOES

Do Superstructure and Machinery Casings comply with rules?

Is provision made for protection of steering gear?

Is emergency steering gear provided?

Are efficient sockets and eyes for lashings provided and properly spaced?

State particulars of longitudinal subdivision in double bottom

State particulars of Bulwarks and Rails

Particulars of any Special Features in the construction of the Ship

Endorsement at first survey and at surveys for Renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown in the form and are in good condition



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