

P&O. S. N. C^Y's.
T.S.S. "CARTHAGE." (1948)
CAPACITY PLAN.
SCALE: 1" = 1 FOOT.

GENERAL PARTICULARS.

BUILT & ENGINED BY MESSRS. ALEXANDER STEPHEN & SONS LTD
LINTHOUSE GLASGOW.

LAUNCHED 18-8-31.

LENGTH BETWEEN PERPENDICULARS.	518'-6"
LENGTH OVERALL.	543'-0"
BREADTH MOULDED.	71'-0"
BREADTH OVER PLATING (EXTREME).	71'-3"
DEPTH MOULDED TO D DECK AT SIDE.	37'-0"

TONNAGES	BRITISH	SUEZ	PAANAMA.
GROSS	14262.77	17442.43	33115
UNDERDECK	2640.46	3240.46	6215
NETT REGISTER	522.5	714.9	1474.8
OFFICIAL NUMBER.	152588		

DRAFTS SW. LOAD	FORW. 12'-3". AFT. 19'-11". MEAN 16'-7".
TONS PER INCH	LIGHT DRAFT 61.87. LOAD DRAFT 70.30
DEADWEIGHT CAPACITY.	TOTAL 10425 TONS
	NETT FOR CARGO & MAILS. 7285 TONS

W.T. BULKHEADS.	NUMBER	306
CAPACITY OF OIL FUEL TANKS.	AT 925 SG.	1474.8 TONS
CAPACITY OF WATER BALLAST TANKS.		160 TONS
CAPACITY OF FEED WATER TANKS.		160 TONS
CAPACITY OF FRESH WATER TANKS.		1231.4 TONS
LIFEBOATS.	7 LIFEBOATS. 20' 0" x 10' 3" x 4' 3". TO CARRY 84 PERSONS EACH.	
ACCIDENT BOATS.	2 ACCIDENT BOATS. 26' 0" x 8' 0" x 5' 3". TO CARRY 41 PERSONS EACH.	
MOTOR BOAT.	1 MOTOR BOAT. 26' 0" x 9' 0" x 3' 0". TO CARRY 4 PERSONS EACH.	
	TOTAL NUMBER OF PERSONS - 714.	

CARGO CAPACITIES.	CUBIC FEET U.S.B.	TONS
EXCLUDING MAILS, BULLION & BAGGAGE.		
N°1 HATCH	8,880	171.50
N°2	6,565	50.310
N°3	4,765	22.000
N°4	14,700	47.615
N°5	4,765	47.130
N°6	4,965	21.040
	24,430	189.305

DERRICKS & WINCHES.	TONS	TONS	TONS	TONS
N°1 HATCH	2	2	2	2
N°2	2	2	2	2
N°3	4	4	4	4
N°4	4	4	4	4
N°5	4	4	4	4
N°6	4	4	4	4
TOTALS	17	4	20	2

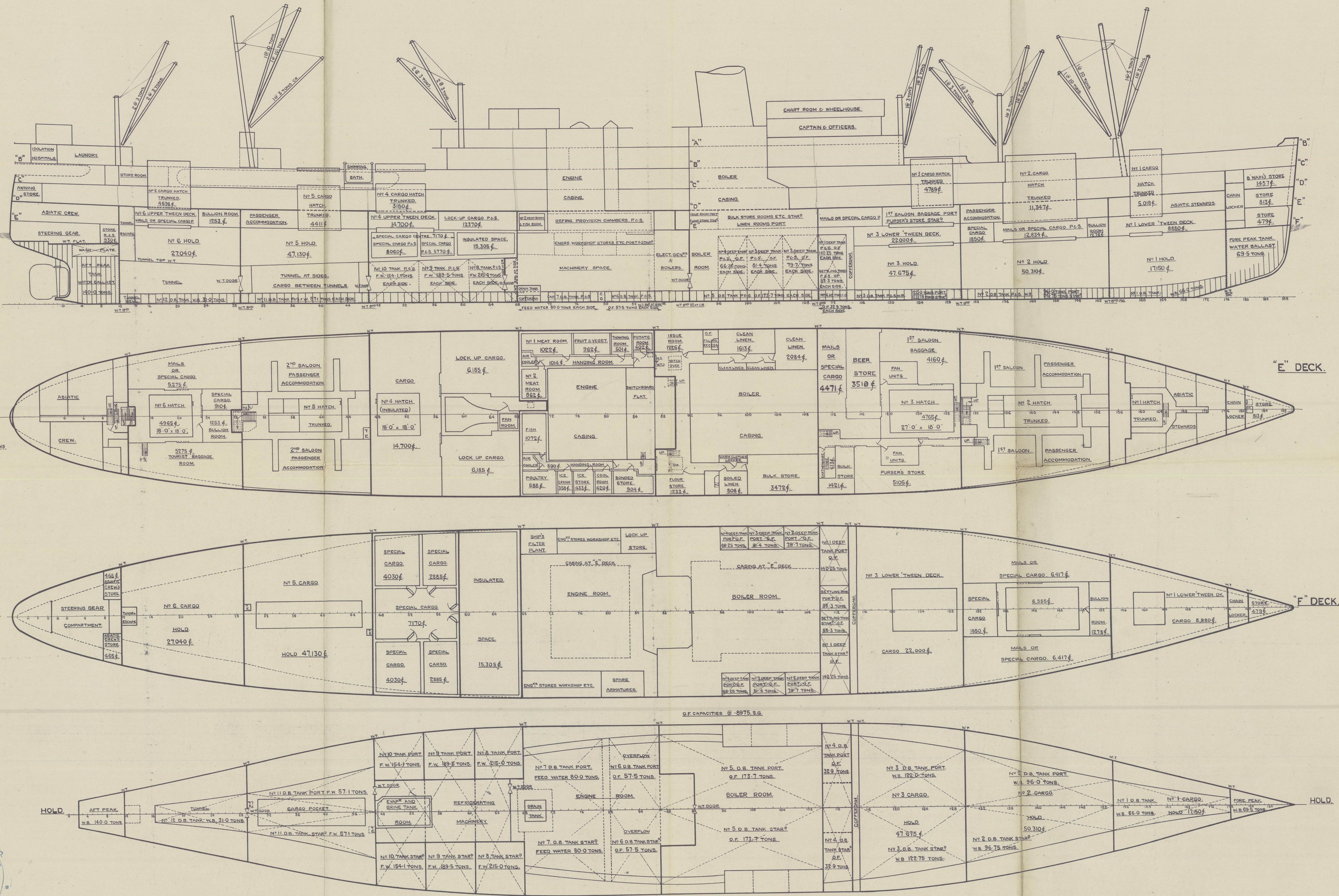
PROPELLING MACHINERY	2 SETS OF PARSONS SINGLE REDUCTION.
GEARED TURBINES.	EACH SET BEING ONE HIGH PRESSURE ONE INTERMEDIATE & ONE LOW PRESSURE TURBINE IN SERIES.
PROPELLERS.	2 IN NUMBER. 3 BLADED. 17'-6" DIAMETER. 16'-6" PITCH SURFACE EXPANDED 88 1/2.
BOILERS	4 VARIAN WATER-TUBE BOILERS 400 LBS/SQ. INP. 2 SE. SCOTCH BOILERS 15 3/4 IN. LONG 230 LBS/SQ. INP. HORIZONTAL FORCED DRAFT. BOILERS OIL FIRED ON CUYDE OIL FUEL SYSTEM.

ACCOMMODATION.	NUMBER OF PASSENGERS	NUMBER OF SEATS IN DINING SALOON	NUMBER OF BATHS	NUMBER OF W.C.
1ST SALOON	180	148	25	31
TOURIST	213	116	15	18
AMPHS & O.B.S.	8	-	1	1
INFANTS IN COTS.	7	-	-	-
TOTAL	408	-	-	-
OFFICERS & CREW.	306	-	-	-
GRAND TOTAL	714	-	-	-

"E" DECK.

TUNNEL TOP.

HOLD.



NOTES.

- OIL FUEL BUNKERS. THE CAPACITIES GIVEN ARE U.S.B. 1/2 TO UNDERSIDE OF STEEL STRUCTURE AND CEMENT ETC. DEDUCTED.
- GENERAL CHARGO. THE CAPACITIES GIVEN ARE MEASURED TO FACE OF AIR TRUNKS AND TOP OF BATTENS ON DECK. ALL OBSTRUCTIONS HAVE BEEN DEDUCTED.
- INSULATED GARGO. THE CAPACITIES GIVEN ARE MEASURED TO FACE OF INSULATION. THE CIRCULATING AIR TRUNKS AND OTHER OBSTRUCTIONS HAVE BEEN DEDUCTED.
- INSULATED STOREROOMS. THE CAPACITIES GIVEN ARE MEASURED TO FACE OF INSULATION. THE CIRCULATING AIR TRUNKS AND OTHER OBSTRUCTIONS HAVE BEEN DEDUCTED.
- STOREROOMS. THE CAPACITIES GIVEN ARE U.S.B. 1/2 TO UNDERSIDE OF BERM INSIDE OF SPARKING AND TOP OF GRATINGS OR BATTENS ON DECK WHERE THESE ARE FITTED. ALL OBSTRUCTIONS HAVE BEEN DEDUCTED.
- NB MAIL & BULLION ROOMS. THE CAPACITIES GIVEN ARE T.O.B. 1/2 TO TOP OF BERM INSIDE OF SPARKING AND TOP OF GRATINGS OR BATTENS ON DECK WHERE THESE ARE FITTED. ALL OBSTRUCTIONS HAVE BEEN DEDUCTED.
- ARMORY SMALL FITTINGS THROUGHOUT THE STOREROOMS HAVE NOT BEEN REDUCED. AS OBSTRUCTIONS AND ARE NOT REDUCED.

LIST OF CAPACITIES.

OIL FUEL.	TONS U.S.B. 1/2	TONS U.S.B. 1/2	TONS U.S.B. 1/2
N°1 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°2 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°3 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°4 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°5 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°6 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°7 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°8 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°9 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°10 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°11 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°12 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°13 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°14 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°15 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°16 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°17 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°18 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°19 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°20 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°21 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°22 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°23 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°24 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°25 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°26 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°27 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°28 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°29 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°30 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°31 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°32 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°33 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°34 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°35 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°36 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°37 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°38 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°39 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°40 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°41 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°42 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°43 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°44 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°45 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°46 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°47 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°48 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°49 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°50 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°51 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°52 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°53 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°54 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°55 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°56 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°57 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°58 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°59 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°60 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°61 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°62 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°63 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°64 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°65 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°66 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°67 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°68 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°69 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°70 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°71 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°72 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°73 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°74 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°75 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°76 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°77 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°78 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°79 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°80 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°81 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°82 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°83 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°84 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°85 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°86 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°87 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°88 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°89 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°90 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°91 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°92 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°93 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°94 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°95 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°96 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°97 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°98 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°99 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8
N°100 DOUBLE BOTTOM TANK	1425.3	1474.8	1523.8

SUELF OVERFLOWS INTO STEEL BOIL. IN OF. STATION P&S AND THENCE TO #6 DOUBLE BOTTOM OVERFLOW TANK.FINAL OVERFLOW LED UP PUNEL WITH SAFETY OUTLET. ELECTRIC PUMP ALARMS			
WATER BALLAST BOTTOM OVERFLOW LOW TANK IS 50% FULL & VINS. STATION TANKS ARE 35% FULL			
WATER BALLAST.			
PEAK TANK		TONS U.S.B. 1/2	TONS U.S.B. 1/2
N#1 DOUBLE BOTTOM TANK		65-0	67-0
N#2	..... PORT	65-0	67-0
N#3	..... STARBOARD	66-75	68-2
N#4	..... PORT	72-0	71-6
N#5	..... STARBOARD	68-75	69-6
N#6	.....	31-0	30-1
APY PEAK TANK		140-0	135-1
WATER BALLAST TOTAL.		344-0	373-2

N/N "CARTHAGE MARU"

M/M-2733

Office

P & O

"CARTHAGE"

CAPACITY PLAN

SHIP - REPORTS - DEPT.

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