

TRIMMING EFFECTS DUE TO ADDING WEIGHT ship on even keel at a draft of 10 feet.

COMPARTMENT	CONTENTS	TONS	CHANGE OF DRAFT		
			AFT in inches	FORWARD in inches	
At centre of no 1 hatch	cargo	100	- 6.1	+ 9.8	
no 2		100	- 3.4	+ 7.2	
no 3 (shelterdeck)		100	- 0.1	+ 3.9	
no 4		100	- 6.4	+ 2.4	
no 5		100	+ 9.8	- 5.8	
Special cargo hatch		10	+ 1.1	- 0.7	
Deep tanks	wb/cargo	100	+ 1.2	+ 2.7	
Forepeak	wb	114	- 9	+ 13.2	
Aftpeak		242	+ 29.4	- 19.5	
No 1 double bottom tank		154.5	- 8.8	+ 14.6	
No 2	P+Sb	308	- 9.3	+ 21.1	
No 3	P+Sb	550	- 1.8	+ 22.9	
No 4	P+Sb	410	+ 25.4	- 9.1	
No 5	P	211.5	+ 19.2	- 10.6	
No 7	Sb	190	+ 17.2	- 9.6	
No 8	Sb	64.8	+ 1.7	+ 0.8	
No 10	P	80.7	+ 2.2	+ 1.1	
No 11	P	72	- 2.9	- 0.1	
No 18	Sb	40.5	+ 1.7	- 0.1	
No 18 drinking water tank on maindeck	P	dw	37.4	+ 1.1	+ 0.4
No 19	P		37.4	+ 1	+ 0.5

See also "General Information" for intermediate drafts.

TRIMMING EFFECTS DUE TO ADDING WEIGHT ship on even keel at a draft of 30 feet.

COMPARTMENT		CONTENTS	TONS	CHANGE OF DRAFT	
				AFT in inches	FORWARD in inches
At centre of no 1 hatch.		cargo	100	- 3.3	+ 7.2
no 2			100	- 1.8	+ 5.5
no 3 (shelterdeck).			100	- 0.1	+ 3.4
no 4			100	+ 3.7	- 0.7
no 5			100	+ 5.6	- 2.9
special cargo hatch			10	+ 0.7	- 0.4
Deep tanks.		wb/cargo	100	+ 0.8	+ 2.6
Forepeak		wb	114	- 5	+ 9.8
Aftpeak			242	+ 16.8	- 10.7
No 1 double bottom tank			154.5	- 4.9	+ 10.8
No 2		P.Sb.	308	- 5	+ 16.3
No 3		P.Sb.	550	- 0.5	+ 19.6
No 4		P.Sb.	410	+ 14.7	- 2.5
No 5		P	211.5	+ 11	- 5.2
No 5		Sb.	190	+ 9.9	- 4.6
No 7		Sb.	64.8	+ 1	+ 1.1
No 8		P	80.7	+ 1.3	+ 1.3
No 10		P	72	- 1.7	+ 0.6
No 11		Sb.	80.5	- 1	+ 0.3
No 18 drinking water tank on maindeck		d.w.	37.4	+ 0.7	+ 0.5
No 19		P	37.4	+ 0.6	+ 0.6

SHIP'S GEAR STORES

COMPARTMENT	DECK	FRAMES	NET CUB.
Store forward	Peakdeck	187-Frd	1700
in winchdeckhouse	Shelterdeck	179-Frd	7280
Bosun store	Sb	154-159	660
Store in	P	129-133	590
Carpen's shop in winchdeckhouse	P	129-133	890
Store in deckhouse	P	125-129	450
Lamproom in deckhouse	Sb	41-46	1550
Lamproom	P	5-8	345
Lamproom in deckhouse	Sb	0-8	1050
Lamproom	P	0-3	475
Luggeroom	Sb	74-76	520
Linenroom	Sb	76-79	620
TOTAL			16130

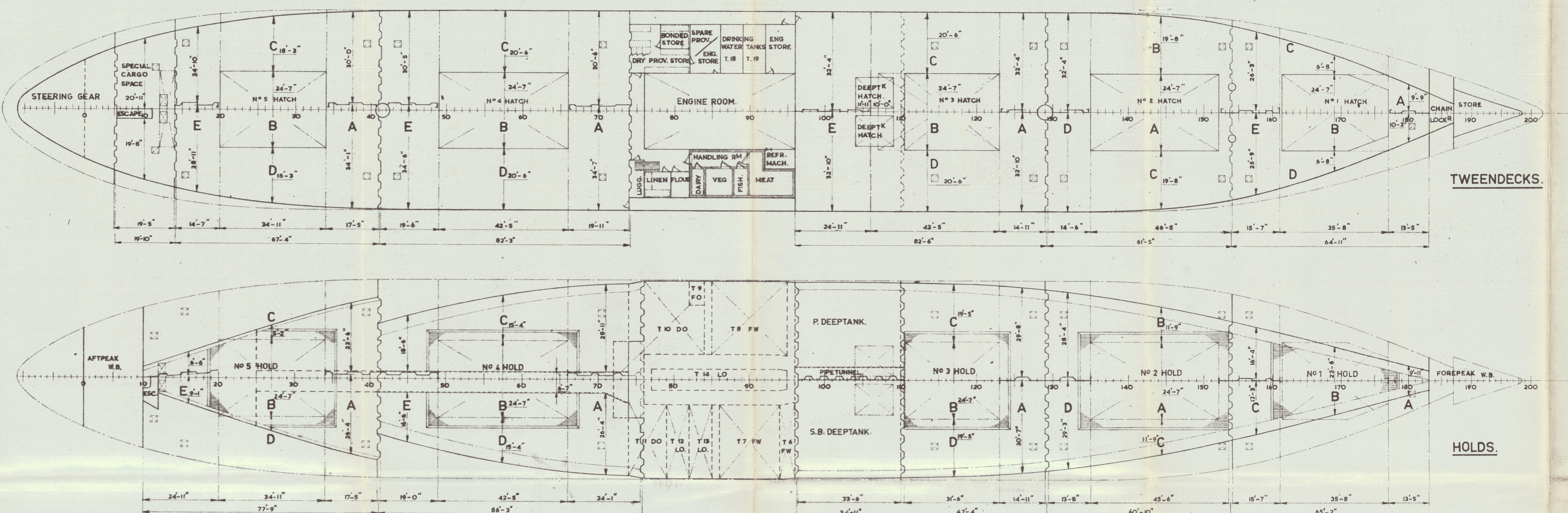
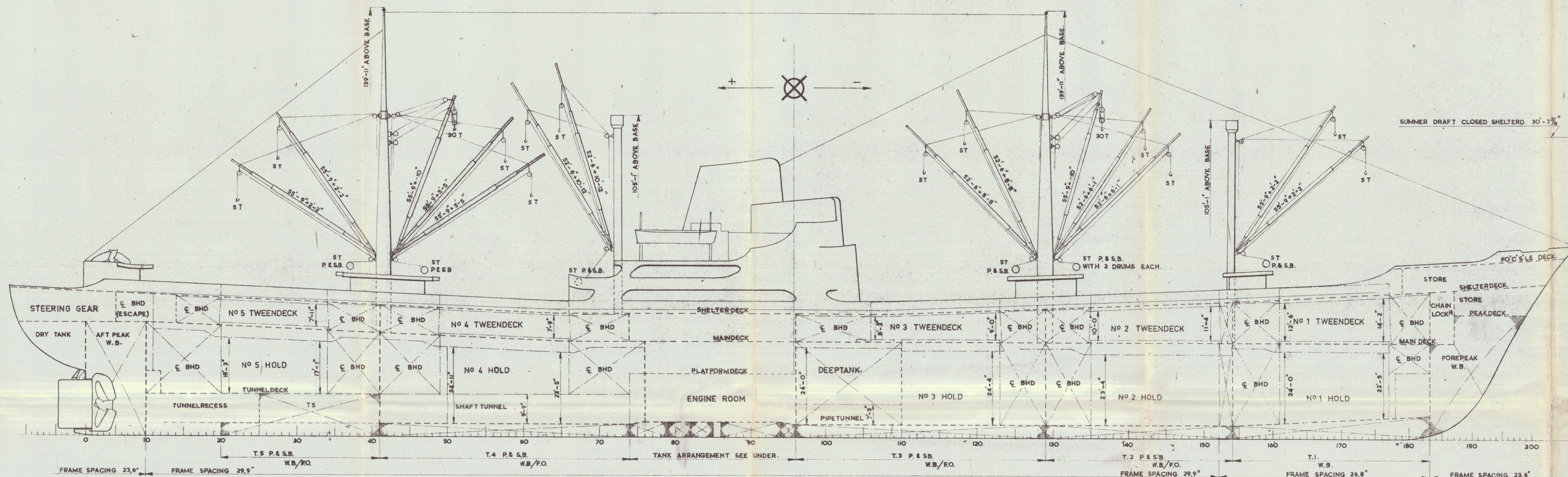
REFRIGERATED CHAMBERS & DRY STORES

COMPARTMENT	FRAMES	NET CUB.
Dairyroom	Sb. 82-84	273
Vegetablesroom	Sb. 84-88	666
Fishroom	Sb. 88-90	323
Meatroom	Sb. 90-96	1094
Handingroom	Sb. 82-80	812
Flour	Sb. 80-82	540
Dry provisions	P. 74-82	2175
Bonded store	P. 79-82	585
Spore provision room	P. 82-86	1480
TOTAL		7948

OIL TANK CAPACITIES

COMPARTMENT	FRAMES	TONS	L.C.B. in feet	V.C.G. in feet
No 2 double bottom tank P+Sb	129-154	280	- 111.5	2.53
No 3	P+Sb	96-129	- 52.1	2.09
No 4	P+Sb	41-74	+ 91.1	2.17
No 5	P	20-41	+ 154.1	7.84
No 7	Sb	20-41	+ 154.1	7.84
No 8	overflow tank P	82-84	+ 3	2.97
No 15 settling tanks oil fuel P+Sb	92-95	537	+ 5	14.10
No 18 clean oil fuel tank P+Sb	92-95	307	+ 5	24.46
TOTAL OIL FUEL		1606.7	+ 20.8	4.35
No 10 double bottom tank P	72-84	72	+ 43.4	2.57
No 11	Sb	72-79	+ 40.5	2.57
No 17 settling tank diesel oil	82-95	65	+ 5	13.89
TOTAL DIESEL OIL		119	+ 43.1	3.20
No 12 d.b. tank dirty lubricating oil Sb	79-82	221	+ 37.8	2.72
No 13 d.b. tank storage lubricating oil Sb	82-85	223	+ 30.3	2.72
No 25 cylinder oil tanks P+Sb	76-77	172	+ 47.7	26.17
TOTAL LUBRICATING OIL		616	+ 37.8	9.27

* also included in waterballast tank capacities.



WATERBALLAST TANK CAPACITIES				
COMPARTMENT	FRAMES	TONS	L.C.B. in feet	V.C.G. in feet
No 1 double bottom tank	154-183	154.5	- 171.1	3.07
No 2	129-154	308	- 111.5	2.53
No 3	P+Sb	96-129	- 52.1	2.09
No 4	P+Sb	41-74	+ 91.1	2.17
No 5	P	20-41	+ 154.1	7.84
No 7	Sb	20-41	+ 154.1	7.84
Fore peak	183-174	114	- 218.9	26.44
Aft peak	0-10	160	+ 220.0	28.87
Deep tank P+Sb	96-110	178.5	- 18.8	16.10
TOTAL		3943.5	+ 1.2	12.27

* also included in oil fuel capacities

FRESH WATER TANK CAPACITIES				
COMPARTMENT	FRAMES	TONS	L.C.B. in feet	V.C.G. in feet
No 7 double bottom tank	Sb. 86-94	64.8	+ 14.1	2.71
No 8	P+Sb	85-95	+ 14.1	2.71
No 18 drinking water tank on maindeck	P. 82-85	37.4	+ 20.3	37.40
No 19	P	85-88	+ 12.9	37.40
TOTAL		220.3	+ 14.9	14.50

SUNDRY TANKS				
COMPARTMENT	FRAMES	TONS	L.C.B. in feet	V.C.G. in feet
No 6 fresh water drain tank	Sb. 94-96	13.90	+ 1.8	2.40
No 14 lubricating oil drain tank	77-95	18.23	+ 24.2	3.93
No 20 diesel oil drain tank	P. 81-82	0.42	+ 35.2	6.58
No 21 fuel oil sludge tank	Sb. 94-95	2.20	+ 0.4	7.54
No 23 lubricating oil sludge tank	Sb. 76-77	0.88	+ 14.4	7.64
No 24 drain tank refrigerated rooms	Sb. 84-85	0.80	+ 27.8	7.89
TOTAL		38.24	+ 14.7	3.85

CARGO CAPACITIES											
COMPARTMENT	FRAMES	LENGTH ft. in.	GRAIN CAP in Cu Ft.	BALE CAPACITIES					Total	L.C.B. in feet	V.C.G. in feet
				in Cu Ft.							
				Part A	Part B	Part C	Part D	Part E			
No 1 hold	154-183	64'-8"	52 940	3659	24358	17549			45566	- 169.9	19.52
No 2	129-154	59'-2"	101 680	29288	18462	18462	22098		88310	- 112.8	18.37
No 3	110-129	46'-5"	84 270	24044	20000	15654	15654		75352	- 59.4	18.02
No 4	41-76	85'-6"	146 850	36479	25311	20407	20408	28384	130989	+ 92.9	18.11
No 5	10-41	77'-3"	76 280	18372	17047	7813	7612	15889	65533	+ 171.1	25.76
TOTAL HOLDS			462 020						408750	+ 2.8	19.89
No 1 tween deck	154-183	64'-8"	43300	5135	15123	4021	4021	11488	39798	- 173.5	40.45
No 2	129-154	60'-11"	51 800	17270	10514	10514	10531		48829	- 114.5	38.72
No 3	96-129	82'-3"	58 120	10249	12698	8024	8024	14 685	53678	- 43.3	37.44
No 4	41-74	81'-10"	54 960	14508	11859	7582	7583	11570	53102	+ 95.2	37.91
No 5	14-41	66'-11"	42820	10164	9783	5806	5806	7667	39226	+ 169.3	40.74
Special cargo space	5-14	19'-5"	10370						9126	+ 213.2	42.25
TOTAL TWEENDECKS			261 370						243749	- 4.9	39.02
TOTAL HOLDS & TWEENDECKS			723 390						650499	- 0.1	26.80
Deep tanks	96-110		33'-6"	61 650					52018	- 188	16.10
	GRAND TOTAL			785 040					702517	- 1.6	26.12

NOTES: GRAIN CAPACITIES are measured from top of ceiling or deck to top of beams and from shell to shell.
BALE CAPACITIES are measured from top of ceiling or deck to underside of beams and from inside to inside of stowage.

OIL FUEL taken at 38.5 cu ft. per ton.
LUBRICATING OIL taken at 39.2 cu ft. per ton.
DIESEL OIL taken at 42 cu ft. per ton.
WATERBALLAST taken at 35 cu ft. per ton.
FRESH WATER taken at 35 cu ft. per ton.

All tons mentioned are longtons (of 2240 lbs.).

TABLE OF HATCHES				
HOLD NO.	SIZE Length x Breadth	DISTANCE TO SHIP'S SIDE at length of hatch	HEIGHT OF COAMING above ballast above statutory deck line	
1	34'-10" x 24'-6"	12'-10"	35'-7"	3'-1"
2	42'-3" x 24'-6"	20'-5"	33'-4"	3'-10"
3	42'-3" x 24'-6"	20'-5"	31'-5"	4'-0"
4	42'-3" x 24'-6"	20'-5"	33'-3"	4'-0"
5	34'-10" x 24'-6"	20'-5"	36'-7"	3'-10"
Special cargo	4'-5" x 24'-6"	17'-9"	37'-7"	3'-8"
Deep tanks	12'-0" x 10'-1"	21'-7"	12'-11"	0'-4 3/8"

PRINCIPAL DIMENSIONS

Length over all	157.40 m. = 516'-5"
Lpp open sh.d.	142.20 m. = 468'-6 1/2"
Lpp closed sh.d.	142.68 m. = 468'-1 1/2"
Breadth	20. - m. = 65'-7 1/2"
Depth to sh.deck	12.50 m. = 41'-0 1/2"
Depth to maindeck	9.66 m. = 31'-8 3/4"
Speed	16 Knots.

Capacity Plan

SCALE 1/16" = 1'-0"

YARD No. 296.7

BUILT BY:

N.V. Kon. Mij. "De Schelde"
Vlissingen - Nederland.

1959

AUG. 1959

DRG. No. 0004

DRAFT	DISPLACEMENT	DEAD-WEIGHT	TONS PER INCH TO CHAIN	MOMENT OF INERTIA
XXXII	20000	15000	62	1900
XXXI	19000	14000	61	1890
XXX	18000	13000	60	1700
XXVIII	17000	12000	59	1600
XXVII	16000	11000	58	1500
XXVI	15000	10000	57	1400
XXV	14000	9000	56	1300
XXIV	13000	8000	55	1200
XXIII	12000	7000	54	1100
XXII	11000	6000	53	
XXI	10000	5000	52	
XX	9000	4000	51	
XX	8000	3000		
XX	7000	2000		
XX	6000	1000		
XX	5000	0		

The LIGHTWEIGHT of the ship is 4613 tons, excluding wood grainboards and steel supports, lubricating oil, fresh- and service water, consumable stores, oil fuel, etc.

SEASONAL DEADWEIGHT		
MARK	FREEDBOARD	DEADWEIGHT
Θ	10'-6 3/8"	14825 tons.
X	11'-2 1/32"	14354 "
T	9'-10 3/4"	15310 "
Tf	9'-10 1/2"	14842 "
Tf	9'-2 7/8"	15308 "

TONNAGES			
	UNDER DECK	GROSS	NET
GREEK	9245.62	10392.46	6149.90
SUEZ	9223.62	10387.26	7764.48
PANAMA	9245.62	10359.51	7426.96

ATLAS
RECORDS DEPT.
LONDON.

11 JAN. 1960